Usenet Newsgroup Archive: rec.radio.scanner

1994-01 - 1994-07

These Usenet messages were preserved as a plain-text archive. This PDF was generated by Digital Library of Amateur Radio & Communications from the source text file in 2026.

Date span: 1994-01-01 through 1994-07-31

Source text: rec.radio.scanner.txt

Source item: https://archive.org/details/usenet-rec

Messages included in this PDF: 7,106

Message records with no readable body available in the source text: 18

Messages are presented chronologically by archived date.

Binary or encoded payloads are not printed as blocks of encoded text; a placeholder appears where such material was detected. The original source text is unchanged.

1. Directional Antennas for handhelds?

Newsgroup: rec.radio.scanner
Date: 1994-01-01 01:33:50 UTC
From: miweber@apollo
Message-ID: <2g2jtu$8ta@sol.ctr.columbia.edu>
Source record: 278158

Does anyone know of a good source for directional antennas usable on my scanners (that have 50-ohm BNC connectors)? I checked out ACE Comm., but they don't seem to have directionals. Neither does Radio Shack (surprise!). I was looking for something that I might be able to toss in the car and drive about to track transmitters in various bands... Suggestions? Blueprints? Schematics?

Sorry if this is an FAQ, but I can't seem to find it. EMAIL appreciated most, to miweber@apollo.davidson.edu. Thanks in advance!
Mike Weber

2. NH AIRPORTS...

Newsgroup: rec.radio.scanner
Date: 1994-01-01 01:49:54 UTC
From: michael.subelka@asb.com
Message-ID: <9401010149.A6915wk@asb.com>
Source record: 278163

```
NN> I was wondering if someone could save me $22... I am
NN> looking for the frequencies for the Manchester and Nashua
NN> New Hampshire Airports.

Manchester
Freqs
124.9000 App/Dep
134.7000 Boston Ctr App/Dep
121.3000 Tower
121.9000 Ground
122.9500 UNICOM
122.1000 Flight Service Station

Nashua (in my book goes by Boire Field)
Freqs
Uses Manchester for App/Dep
122.7000 UNICOM
121.8000 Manchester Cinc Del

That's all I have.
CU L8r
Michael Subelka on this board
Michael.Subelka@ASB.COM on Internet
Old Salt every where else. ;)

* RM 1.2 * Eval Day 18 * Old days: Wine, Women, Song. Now Days: Coffee,
Computers,
```

3. Re: Icom IC-R1 - Poor AM Broadcast Reception?

Newsgroup: rec.radio.scanner
Date: 1994-01-01 03:40:58 UTC
From: mjamesb@bnr.ca
Message-ID: <2g2rca$inq@bmerha64.bnr.ca>
Source record: 278159
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Hmmm ... is there any reasonably small portable radio that receives the AM and FM broadcast, international SW broadcast, plus VHF/UHF television bands? The various Sony/Panasonic/etc. worldband radios are very nice but they don't do television bands (or at least the ones I've seen don't).

As long as it's portable (i.e., battery powered), of good quality, and is easy to tune with a decent number of memories, then that's all we'd want. This isn't intended to be an action scanner but a wide-band broadcast receiver. The R1 would be perfect except for this poor (non-existent) AM broadcast reception.

One of the ideas in giving my father the R1 as a present was that if it wasn't good enough, I'd keep it (30 MHz and up is good enough for me). On the other hand, I'd have to say that the fact that it can't even pick up the local AM broadcast stations is enough to make me want my money back.

So, if we were going to try to pick an alternative, what do we look at?

--
M. James Bartley, Bell-Northern Research Ltd. \ Internet: mjamesb@bnr.ca
P.O. Box 3511, Station C, Ottawa, Canada, K1Y 4H7 \ Phone: 613-763-3556
** Opinions expressed are mine, not BNR's. - MJB ** \ Fax: 613-763-5048
"Setname is the name of a named set named setname." - ZIM 4, 1st draft

4. Re: Directional Antennas for handhelds?

Newsgroup: rec.radio.scanner
Date: 1994-01-01 03:45:11 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jan1.034511.26810@hpcvaac.cv.hp.com>
Source record: 278160

miweber@apollo writes:
: Does anyone know of a good source for directional antennas usable
: on my scanners (that have 50-ohm BNC connectors)? I checked out ACE
: Comm., but they don't seem to have directionals. Neither does Radio
: Shack (surprise!). I was looking for something that I might be able
: to toss in the car and drive about to track transmitters in various
: bands... Suggestions? Blueprints? Schematics?

For a directional antenna to produce a good null, the antenna must be tuned to the frequency of interest. Loop antennas have been used for over 50 years for HF, and they might work for VHF. I suspect that they would not be practical at UHF frequencies.

Attempting to use such an antenna, from inside the vehicle, is not likely to give you good results. The antenna will need to be mounted outside the vehicle - preferably over the center of the top of the vehicle.

Direction finding equipment used to be listed in the Radio Amateur's Handbook. I don't know if they are still there, as I do not have a recent copy. The electronics magazines used to publish construction articles on occasion. You might check the Reader's Guide to Periodic Literature, to see what is there. Look under Direction Finding Antennas.

Bill

5. Re: Directional Antennas for handhelds?

Newsgroup: rec.radio.scanner
Date: 1994-01-01 06:04:51 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2g33q3$qno@samba.oit.unc.edu>
Source record: 278161

In article <1994Jan1.034511.26810@hpcvaac.cv.hp.com>,
bill nelson <billn@hpcvaac.cv.hp.com> wrote:
>miweber@apollo writes:
>: Does anyone know of a good source for directional antennas usable
>: on my scanners (that have 50-ohm BNC connectors)? I checked out ACE
>: Comm., but they don't seem to have directionals. Neither does Radio
>: Shack (surprise!). I was looking for something that I might be able
>: to toss in the car and drive about to track transmitters in various
>: bands... Suggestions? Blueprints? Schematics?
>
>For a directional antenna to produce a good null, the antenna must be
>tuned to the frequency of interest. Loop antennas have been used for
>over 50 years for HF, and they might work for VHF. I suspect that they
>would not be practical at UHF frequencies.
>
>Attempting to use such an antenna, from inside the vehicle, is not
>likely to give you good results. The antenna will need to be mounted
>outside the vehicle - preferably over the center of the top of the
>vehicle.
>
>Direction finding equipment used to be listed in the Radio Amateur's
>Handbook. I don't know if they are still there, as I do not have a
>recent copy. The electronics magazines used to publish construction
>articles on occasion. You might check the Reader's Guide to Periodic
>Literature, to see what is there. Look under Direction Finding
>Antennas.
>
>Bill

First, good advice to recommend the external mounting of a df antenna.
However, handheld use would probably suggest something smaller. The ARRL
Antenna Book, a separate publication from the ARRL Amateur's Handbook, has
some good explanations and examples of how the df antennas work, and give
several plans on how to build different models. As Bill noted, the null
finding antennas would produce your best directionality, but if you wanted
to listen to the signals as you track them, a Yagi antenna might be a good
solution for you. Although they have a pretty wide directioan pattern to
pick up the signal from the front, and for high precision they get pretty
big (also depedent on wavelength), with a signal strenth meter you can
ususally get a pretty good idea of where the transmitter is. Listening on
a scanner will be pretty hard to do once you get close to the signal,
because to distinguish the direction of the signal, all you have to go on
is the amount of static in the signal, and when you're too clsoe, the
signal will override any local static, and possibly even override the F/B

ratio of the Yagi. Really, to get a comprehensive idea of the different types and application possibilities of DF antennas, you will need to research a bit to find out just what you need. Good Luck

Sherrod

--
The opinions expressed are not necessarily those of the University of North Carolina at Chapel Hill, the Campus Office for Information Technology, or the Experimental Bulletin Board Service.
internet: laUNChpad.unc.edu or 152.2.22.80

6. Re: Icom IC-R1 - Poor AM Broadcast Reception?

Newsgroup: rec.radio.scanner
Date: 1994-01-01 08:02:55 UTC
From: minsky@media.mit.edu
Message-ID: <1994Jan1.080255.3106@news.media.mit.edu>
Source record: 278162
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <2g2rca$inq@bmerha64.bnr.ca> mjamesb@bnr.ca writes:

>.... The R1 would be perfect except for this poor (non-existent)
>AM broadcast reception.
>
>One of the ideas in giving my father the R1 as a present was that if it
>wasn't good enough, I'd keep it (30 MHz and up is good enough for me).
>On the other hand, I'd have to say that the fact that it can't even pick
>up the local AM broadcast stations is enough to make me want my money
>back.
>
>So, if we were going to try to pick an alternative, what do we look at?
>
>--
>M. James Bartley, Bell-Northern Research Ltd. \ Internet: mjamesb@bnr.ca

Its problem seems to be antenna mismatching. I attached a ferrite
loopstick and got OK AM reception. But does anyone know how to make a
functional "universal" antenna for it, that works without changing for
different ranges?

7. MODS for PRO-32

Newsgroup: rec.radio.scanner
Date: 1994-01-01 18:12:37 UTC
From: Odin@Asgard.GraySage.Edmonton.AB.CA
Message-ID: <Odin.00o9@Asgard.GraySage.Edmonton.AB.CA>
Source record: 278078
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I've seen a fair amount of talk about several other models, but never anything about the PRO-32 which is what I have. Could someone suggest some MODS for this? Extended frequency range and increased speed of both the scan and search functions come to mind right off.
--
Odin@asgard.GraySage.Edmonton.AB.CA | All this space and nothing to
| say...

8. Re: Can I receive MDT data?

Newsgroup: rec.radio.scanner
Date: 1994-01-01 19:59:10 UTC
From: topolski@kaiwan.com
Message-ID: <CIyvIM.631@kaiwan.com>
Source record: 278164
Cross-posted to: alt.radio.scanner,rec.radio.scanner

sjaves@mason1.gmu.edu wrote:
> I'm totally new to scanners and would like to know if I can recieve
> mobile data terminal signals used by police to transmit text. Is it
> like RTTY?
> Thanks

No, it's more like X.25 packet. Depends on the Vendor, I understand
Motorola's is encoded. If you want to experiment with it, you can buy the
equipment to turn the audio signals back into data at a ham radio store --
but it isn't cheap (about $150).
--
Robert M. Topolski <topolski@kaiwan.com>

9. NYC PD ESU Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-01-01 21:15:25 UTC
From: alberg@hudlink.hoboken.nj.us
Message-ID: <tfeJtAaIBh107h@hudlink.hoboken.nj.us>
Source record: 278165
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Last night, I happened upon a pretty exciting situation while listening in on the big bad city across the Hudson - a robbery turned into a hostage situation in my old neighborhood (Times Square). I caught it from the beginning and it was fascinating listening. However, when the Emergency Services Unit showed up and took over from the local precinct cops, I guess the traffic moved to some tactical freqs and I missed the end of the story.

Does anyone know the freqs used by NYPD in such situations?

BTW, these robbers were pretty darn stupid deciding to pull an armed robbery at 6:45 PM in the Times Square area on New Years Eve! A zillion cops hanging around with not that much to do...

Al

--
==
Al Berg | alberg@netlan.jpr.com | When cryptography is illegal, only
| alberg@hudlink.hoboken.nj.us | criminals will XF4gjwWq#vbdDGh#*!
==

10. can the Bearcat 210XL scanner be modded for celluar?

Newsgroup: rec.radio.scanner
Date: 1994-01-01 23:09:10 UTC
From: mlyon@rahul.net
Message-ID: <CIz4BB.1yw@rahul.net>
Source record: 278166

well the title says it all. or what can it be modded for. also what are the freq for it?

thanxs in advance,
mlyon@rahul.net

--
Mike Lyon <mlyon@rahul.net>

11. UK Police helicopters

Newsgroup: rec.radio.scanner
Date: 1994-01-01 23:10:01 UTC
From: mppd5@syma.sussex.ac.uk
Message-ID: <1994Jan1.231001.7796@syma.sussex.ac.uk>
Source record: 278170

Can anyone tell me what freq range police helos use?
There's one that lives just down the road from me and I see it
operating regularly but I've never managed to pick it up so far.
(I'm using an AR 1500e BTW)

thanks.


```
=====================================================================
| | John Coley
| | MAPS, University of Sussex
/_\ | Falmer, Brighton, England.
--------{(_)}-------- |
x -.- x | Internet: mppd5@central.sussex.ac.uk
o | or: mppd5@syma.sussex.ac.uk
=====================================================================
```

12. WANTED: Comments on ICOM R1 vs Yupiteru MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-02 04:32:27 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCIzJA4.2G0@netcom.com>
Source record: 278167
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Since I believe both radios tune from 'dc to daylight', I thought it would be appropriate to cross post to each newsgroup.

Anyway, could people PLEASE e-mail me all reviews, comments, personal experiences - anything you can on the above mentioned radios.

I will post a summary if I get enough replies.

Thanks much!

Scott

--

```
================================================================================
| Scott Ehrlich Internet: wy1z@neu.edu BITNET: wy1z@NUHUB |
| Amateur Radio: wy1z AX.25: wy1z@k1ugm.ma.usa.na |
|------------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - world.std.com pub/hamradio |
================================================================================
```

13. BC855XLT 800Mhz Mods

Newsgroup: rec.radio.scanner
Date: 1994-01-02 05:12:29 UTC
From: "Frank Cusack Jr." <fcusack@psu.edu>
Message-ID: <2g5l3t$bom@genesis.ait.psu.edu>
Source record: 278168

Hi. Wondering if anyone has any info on modifying the BC855XLT to pick up
cellular freqs.

Also, don't know much about scanners, radios, etc. - I am a novice.
Is this scanner a good one? (Obviously it's not a *great* scanner!)

Is there a scanner out there that I should definitely buy before April
'94 b/c of ease of modification (perhaps also for other features).

Thanks in advance.
- Frank

14. Re: NYC PD ESU Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-01-02 06:45:21 UTC
From: amullick@vaxc.stevens-tech.edu
Message-ID: <1994Jan2.014521.1@vaxc.stevens-tech.edu>
Source record: 278169

In article <tfeJtAaIBh107h@hudlink.hoboken.nj.us>,
alberg@hudlink.hoboken.nj.us (Al Berg) writes:
> Last night, I happened upon a pretty exciting situation while listening in
> on the big bad city across the Hudson - a robbery turned into a hostage
> situation in my old neighborhood (Times Square). I caught it from the
> beginning and it was fascinating listening. However, when the Emergency
> Services Unit showed up and took over from the local precinct cops, I
> guess the traffic moved to some tactical freqs and I missed the end of
> the story.
>
> Does anyone know the freqs used by NYPD in such situations?

I don't know what frequencies the ESU units use on scene, but they are
part of the Special Operations Division and are dispatched on SOD Channel 1
which is 470.8375. Other SOD frequencies are (2) 470.6875, (3) 470.6625,
(4) 470.8625.

--

Apu.....AMULLICK@vaxc.stevens-tech.edu
WARNING: I DISCRIMINATE
E-mail is dealt with immediately;
Snail mail, if I have nothing to do (never) or I'm bored (sometimes)

15. Re: WANTED: Comments on ICOM R1 vs Yupiteru MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-02 08:22:20 UTC
From: msaran@pt.olympus.net
Message-ID: <2g607s$d9l@pt.olympus.net>
Source record: 278171
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

There is no comparison one is the best handheld around and ... the other
is the worst. (BTW the AOR 1000XLT falls between the two)

--
Mark Saran
msaran@pt.olympus.net

16. Re: Help with doing Search on scanner.

Newsgroup: rec.radio.scanner
Date: 1994-01-02 15:01:00 UTC
From: ronald@prins.hacktic.nl
Message-ID: <gate.cgkJFc1w165w@prins.hacktic.nl>
Source record: 278082
Cross-posted to: alt.radio.scanner,rec.radio.scanner

mmarasch@nyx.cs.du.edu (Marek Marasch) writes:

>
> My scanner is a realistic pro-2001. the buttons are:
>SCANNER

Just 'SCAN' probably.
>PROGRAM
>UP
>LO
>FS
>SS
>MONITOR
>1-9,0,.
>CL(EAR)
>ENT(ER)
>

> Even if you don't have this scanner, any ideas?

Ok try this:

<LO> 460.0000 <ENT> <UP> 461.0000 <ENT>

To start the search hit <PROGRAM>

---
ronald@prins.hacktic.nl
---

17. Re: Icom IC-R1 - Poor AM Broadcast Reception?

Newsgroup: rec.radio.scanner
Date: 1994-01-02 15:11:56 UTC
From: jrallen@devildog.att.com
Message-ID: <1994Jan2.151156.12284@devildog.att.com>
Source record: 278172
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

>>.... The R1 would be perfect except for this poor (non-existent)
>>AM broadcast reception.

...

>loopstick and got OK AM reception. But does anyone know how to make a
>functional "universal" antenna for it, that works without changing for
>different ranges?

On my R1 I have been using a Radio Shack telescoping antenna (part number 20-006). Claims range of 25-1296 MHz, but also really improves the AM reception. With the regular R1 antenna, I also can't get any AM stations (40 mi from NYC). With the radio shack, I can get quite a few AM stations and lots more shortwave stations (all the biggies). In my case, this antenna also improves regular VHF/UHF frequencies dramatically. So it seems to me the standard R1 antenna is pretty poor...

-Jon Allen
jrallen@attmail.com

18. Re: NYC PD ESU Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-01-02 17:13:50 UTC
From: alberg@hudlink.hoboken.nj.us
Message-ID: <ODwJtABKBh107h@hudlink.hoboken.nj.us>
Source record: 278174

In <1994Jan2.014521.1@vaxc.stevens-tech.edu> amullick@vaxc.stevens-tech.edu writes:

>I don't know what frequencies the ESU units use on scene, but they are
>part of the Special Operations Division and are dispatched on SOD Channel 1
>which is 470.8375. Other SOD frequencies are (2) 470.6875, (3) 470.6625,
>(4) 470.8625.

Howdy neighbor - I'm writing this from a few blocks from Stevens...

Hmm... my Police Call book shows

470.8375 as Highway
470.6875 as Citwide 2 (which I was monitoring)
470.6625 as SOD (which I was monitoring)
470.8625 as SOD (which I was monitoring)

Maybe that first frequency is the missing link.

By the way, I have noticed that while Hoboken's PD has a load of freqs
assigned according to Police Call, they only seem to use 866.6500 (seems
like the primary) and 868.2750 (seems like a seldom used secondary).
Is this is the case?

Thanks

Al

--
==
Al Berg | alberg@netlan.jpr.com | When cryptography is illegal, only
| alberg@hudlink.hoboken.nj.us | criminals will XF4gjwWq#vbdDGh#*!
==

19. Re: Michigan FIRENET

Newsgroup: rec.radio.scanner
Date: 1994-01-02 17:26:15 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <1994Jan2.172615.1485@cronkite.ocis.temple.edu>
Source record: 278173

Thomas J. Kravitz (mpage@netcom.com) wrote:

Yes, we have one here in philadelphia for those interested.
call 215-525-4004 (the scanner bbs) and leave a note for the sysop
and I'll fill ya in from there.. We are on pagenet here. You can have it
added on your regular beeper if you wish. We have also zones (ex jersey
north phila, south phila, and west zones, and also all beeps...

Call today

Foobarf!!!

: ==========

20. Re: THOUGHTS ON RS PRO 43 SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-01-02 19:23:52 UTC
From: linley@netcom.com
Message-ID: <linleyCJ0oJs.GB9@netcom.com>
Source record: 278075
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In ye olden post norman@cs.toronto.edu (Norman Wilson) spake...
>The Radio Shack catalogue may not give step sizes for the PRO-43, but the
>owner's manual does:
>30-54 MHz 5kHz steps
>118-136.975 25kHz
>137-174, 220-225 5kHz
>225.0125-512, 806-823.9375, 851-868.9375, 896-999.9875
> 12.5kHz

>The manual doesn't say this, but various sources claim that the cellular
>phone bands, once enabled, work in 30kHz steps.

Yup. 823.950-850.980, 868.980-895.980 in 30kHz steps.
Also (once enabled) 54-88 MHz in 5kHz steps.

--
.'.'.'.'.'.'.'.'.'.'.'.'.| ___________, ,-----/^\-----. | "I never wanted to
.Bruce James Robert Linley.| _NCC-1701_) `-..--_/-----' | be anything but
.'.' linley@netcom.com '.'.| ______//_ | an engineer."
.`.`.`.`.`.`.`.`.`.`.`.`.`.| (___________) | - Montgomery Scott

21. Scanning cable?

Newsgroup: rec.radio.scanner
Date: 1994-01-02 19:36:53 UTC
From: linley@netcom.com
Message-ID: <linleyCJ0p5I.H7q@netcom.com>
Source record: 278076
Cross-posted to: alt.radio.scanner,rec.radio.scanner

As one of the last people without cable TV, I was wondering. Has anyone plugged the cable into their scanner and found anything other than TV audio such as cable co. workers, packet radio, etc.? Also, would the so-called "bullet" pose any threat to scanners on the cable?

--
.'.'.'.'.'.'.'.'.'.'.'.'.| ___________, ,-----/^\-----. | "I never wanted to
.Bruce James Robert Linley.| _NCC-1701_) `-..--_/-----' | be anything but
.'.' linley@netcom.com '.'.| ______//_ | an engineer."
.`.`.`.`.`.`.`.`.`.`.`.`.`.| (___________) | - Montgomery Scott

22. WANTED: Comments on ICOM R100 vs. Yupiteru MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-02 19:56:13 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCJ0q1q.IH4@netcom.com>
Source record: 278077
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In my previous post, I made a mistake of inquiring about the ICOM R1
instead of the R100, which is what I meant to ask about.

If anyone can please offer their comments, experiences, etc, with either
of these radios, I'd really appreciate it.

Thanks very much.

Scott

--

==
| Scott Ehrlich Internet: wy1z@neu.edu BITNET: wy1z@NUHUB |
Amateur Radio: wy1z AX.25: wy1z@k1ugm.ma.usa.na
Maintainer of the Boston Amateur Radio Club hamradio FTP area on
the World - world.std.com pub/hamradio
==

23. Re: UK Police helicopters

Newsgroup: rec.radio.scanner
Date: 1994-01-02 22:23:45 UTC
From: sjh@skewsby.demon.co.uk
Message-ID: <757574625snx@skewsby.demon.co.uk>
Source record: 278080

In article <1994Jan1.231001.7796@syma.sussex.ac.uk> mppd5@syma.sussex.ac.uk (John Coley) writes:
> Can anyone tell me what freq range police helos use?
> There's one that lives just down the road from me and I see it
> operating regularly but I've never managed to pick it up so far.
> (I'm using an AR 1500e BTW)
>
> thanks.
>
All FM

138.09375
138.10625
138.29375
138.30625

450.6250 Ch 88
450.6750 Ch 89

2.370 GHZ +- 10Mhz Video

24. Packet Radio?

Newsgroup: rec.radio.scanner
Date: 1994-01-02 22:48:47 UTC
From: wilson@sluatm.slu.edu
Message-ID: <9401022248.AA01156@sluatm.slu.edu>
Source record: 278079

Can someone please tell me what "packet mail" or "packet radio" is?
I've seen references to one of them (I don't know which one) in this
newsgroup but I'm unaware of what it is.
Thanks

Mike
Email: wilson@sluatm.slu.edu

25. HF airbands...

Newsgroup: rec.radio.scanner
Date: 1994-01-02 23:33:26 UTC
From: c002@ns1.cc.lehigh.edu
Message-ID: <1994Jan2.233326.32293@ns1.cc.lehigh.edu>
Source record: 278081

this might not be the place "30MHZ and up" buuuuut....
Is there anytype of radio <recive> that can get the
HF air band? and also is there a book that i can get for
HF,MF,LF,SLF,and ELF? thanks

David
--
:)**********************************(:
:)**********************************(:
** **
** The Flying Ham **
** **
** Cole's Law: **
** Thinly sliced Cabbage **

26. PRO 43 MODS FOR CB

Newsgroup: rec.radio.scanner
Date: 1994-01-02 23:47:47 UTC
From: arcmu@ee470.ee.mcgill.ca
Message-ID: <CJ10ro.6xt@sifon.cc.mcgill.ca>
Source record: 278100

Hi folks,

I'm kind of new in the business. I got myself a PRO 43. I'd like
to know where I can find the MODS for the Cellular Band (anywhere on
Internet ftp sites etc...). Also I am looking for frequencies in the
area of Montreal, Canada (any frequencies will do, just to get started).

Thanx.
.

27. need mod for pro2024

Newsgroup: rec.radio.scanner
Date: 1994-01-03 02:27:32 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <1994Jan3.022732.19271@cronkite.ocis.temple.edu>
Source record: 278084

I hate seeing these posts, but I have a pro2024 and can't find
a single mod for the thing. There must be something I can do
to it, other than hit it with a sledge, does anyone have any info?

I have searched all the mod sites..... and nothing..

Thanks in advance.

28. *WANTED* frequency list for sf bay area

Newsgroup: rec.radio.scanner
Date: 1994-01-03 02:29:02 UTC
From: caliban@soda.berkeley.edu
Message-ID: <caliban.757564142@soda>
Source record: 278083

i just purchased my first scanner and now i am
going to set out to program it. i live in san
francisco, and would like a list of frequencies
used by local agencies. fire, rescue, police
and ambulance are of particluar interest, but
hopefully another sf area scanner fan can turn
me on to other interesting frequencies.

thank you in advance!

cali
caliban@soda.berkeley.edu

29. Regency D300 Question

Newsgroup: rec.radio.scanner
Date: 1994-01-03 05:38:34 UTC
From: cll4@Isis.MsState.Edu
Message-ID: <2g8b0q$c9@Tut.MsState.Edu>
Source record: 278085

I have a Regency D300 that I am wanting to sell. It is a 30 channel with delay, 2 scan speeds, search, and 1 priority channel. It covers 30-50 MHz, 144-174 MHz, and 440-512 MHz.

What is a reasonble price to ask for it? I am thinking of asking $145 or so. Does this sound okay?

Any comments are welcomed.

Thanks,
Craig

--

Craig Lindsey - KC5AUG | My politics are simple: Always go right. If
Internet: cll4@ra.msstate.edu| you go left, you can never go right, and if
cll4@pcmail.cc.msstate.edu| you go right, you never go wrong. -Grizzard
Bitnet: cll4@msstate.bitnet|

30. Re: need mod for pro2024

Newsgroup: rec.radio.scanner
Date: 1994-01-03 07:55:18 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Jan3.005518.3322@cmkrnl>
Source record: 278087

In article <1994Jan3.022732.19271@cronkite.ocis.temple.edu>,
camter28@astro.ocis.temple.edu (-=FOOBARF=-) writes:
> I hate seeing these posts, but I have a pro2024 and can't find
> a single mod for the thing. There must be something I can do
> to it, other than hit it with a sledge, does anyone have any info?

Only several hundred pages' worth. Go to a tech-oriented bookstore or ham radio equipment dealer and pick up Volume 1 and 2 of the _Scanner Modification Handbook_ by Bill Cheek.

You'll find some simple stuff like the restore cellular coverage, speed up scan, and the 400-channel mod at ftp sites, but if you really want to get into this beast, pick up these books. You have NO idea what you're missing...

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CIS: 74140,2055

31. InterTAN NET SET PRO-2029

Newsgroup: rec.radio.scanner
Date: 1994-01-03 09:14:49 UTC
From: corwin@peche1.ensta.fr
Message-ID: <2g8nm9$s2j@homea.ensta.fr>
Source record: 278086

Hello, world!

I have this NETSET PRO-2029 scanner that I got for Xmas... And was wondering
if I could hack into it...

I opened the box and found the main chip to be labeled: GRE-0811, followed by:
342 2947XX. No manufacturer, nothing more.

Does anyone know who makes this chip? Where I could get some info on it?

This scaner is manufactured by InterTAN (Texas?). Anyone know their phone
number?

Thanks for any help!

Gilles.

--
This message has been brought to you by Gilles GRAVIER - corwin@ensta.fr
***** Amber Forever! *****
I know you believe you understand what you think I said, but I am
sure, you realize, that what you heard is not what I meant.

--
This message has been brought to you by Gilles GRAVIER - corwin@ensta.fr
***** Amber Forever! *****
I know you believe you understand what you think I said, but I am
sure, you realize, that what you heard is not what I meant.

32. Radio Shack -vs- Uniden Bearcat

Newsgroup: rec.radio.scanner
Date: 1994-01-03 11:23:14 UTC
From: NSVJM@TJUVM.TJU.EDU
Message-ID: <16F339ED6.NSVJM@TJUVM.TJU.EDU>
Source record: 278112

I am currently looking for a hand held. Which is better? Is there another
name brand I should take a look at? In the range of $200.00
Thanks,

33. Uniden BC2500XLT For Sale

Newsgroup: rec.radio.scanner
Date: 1994-01-03 13:20:30 UTC
From: men0@ns1.cc.lehigh.edu
Message-ID: <1994Jan3.132030.78728@ns1.cc.lehigh.edu>
Source record: 278089

I have a six month old Uniden BC2500XLT for sale. Includes stock and metal telescoping antenna, AC charger, case and factory packing. Unit is is good condition except for a scratch on the display window. Asking $295. Call (215) 758-4510 (W) or e-mail at MEN0@leh.edu.

34. Any other mods for the PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-01-03 14:26:53 UTC
From: jss@etbsun.larc.nasa.gov
Message-ID: <2g99vd$5ja@reznor.larc.nasa.gov>
Source record: 278088

I was wondering if anyone knew of any other mods to a PRO-43 other than the audio mod, the 50-88 MHZ mod, and the 800 MHZ mod. Can you possibly get other bands by removing or adding diodes to the D1-D5 string on the bottom board. Replys can be posted or e-mailed to jss@etbsun.larc.nasa.gov.

Thanks,

Jim Smith
PCB Designer Langley Research center

****
****
**** Jim Smith - jss@etbsun.larc.nasa.gov ****
****
**** LaRC-Where Tommarrow is still **** I was lined up for glory but ****
**** yesterday **** the tickets sold out in advance ****
************************************ -Neil Peart ****
****
****

35. Cordless Phone Monitoring

Newsgroup: rec.radio.scanner
Date: 1994-01-03 15:25:29 UTC
From: mjohnsto@ditdah.Morse.Net
Message-ID: <1994Jan3.152529.2874@ditdah.Morse.Net>
Source record: 278091

[Please do *NOT* respond directly to this posting. Email to
jkearman@arrl.org. I'm posting this for him.]

The American Radio Relay League (ARRL) is currently unable
to read news directly. Thanks to a friend of mine, I can read
scanner and shortwave news, but there's a time shift between
when news is posted and when I can read it.

This posting is Copyright 1994, ARRL. All rights reserved.

Sometime in the middle of December, someone on this group
mentioned asking ARRL about the legality of listening to
cordless phones. The poster said someone here told him it was
legal.

First, let me state that our opinion on legal matters should
be taken at face value. We neither make nor enforce laws. We
don't even have an attorney on the premises.

That said, whomever this person talked to was apparently
referring to federal law. As it stands now, cordless phone
conversations aren't protected by the Electronic Communications
Privacy Act (ECPA). **** Some states, however, have passed laws
making it illegal to listen to cordless phone conversations
without a wiretap warrant. ****

I have been unable to find the Headquarters staffer to whom
this person spoke. I spoke to our Regulatory Information person,
John Hennessee, this morning. John is the person the caller
should have talked to, but he claims no knowledge of the call.
John deals with FCC issues mainly, and said that would have been
the basis of his answer. John didn't know about states' laws on the
subject. As we are an Amateur Radio organization, he certainly can
be forgiven for not knowing.

Good listening.

Jim Kearman, KR1S
Assistant Technical Editor, ARRL

--
jkearman@arrl.org

--
Michael R. Johnston Linux Technical Support Service: lssinfo@Morse.Net
mjohnsto@Morse.Net Linux on Disk: linux@Morse.Net
Morse Telecommunications Unlimited, flat-rate Usenet feeds: netinfo@Morse.Net

36. Increasing handheld scanner range

Newsgroup: rec.radio.scanner
Date: 1994-01-03 15:34:37 UTC
From: beckett@apollo.montclair.edu
Message-ID: <9401031034.AA37205@130.68.100.102>
Source record: 278090

I have a BC300XLT handheld scanner. I would like to enhance it's reception
while keeping it's mobility. Suggestions? This is for recreation, I
don't want to spend more that the cost of the scanner.

- - - - - - - - - - - - - - - - - - -
Brian Beckett + Internet: beckett@apollo.montclair.edu
ACL Supervisor + Phone: 201-655-4194
"The bug will be fixed in the next version." -Murphy
- - - - - - - - - - - - - - - - - - -

37. REQ: Freqs for Webster, TX (Harris County)

Newsgroup: rec.radio.scanner
Date: 1994-01-03 17:02:27 UTC
From: cip@vnet.ibm.com
Message-ID: <CJ2Co3.J60@hawnews.watson.ibm.com>
Source record: 278093

If anyone has a list of local frequencies for my area (Harris County), I'd sure appreciate them. We bought a scanner for Christmas and we're trying to get some good stuff to listen to... fire, EMT, police, almost anything! Thanks in advance.

Model = Uniden Bearcat BC147XLT

Mike Cipriani Houston, TX <cip@vnet.ibm.com>

38. Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-01-03 17:17:51 UTC
From: jlloyd@pluto.cs.clemson.edu
Message-ID: <1994Jan3.171751.22448@hubcap.clemson.edu>
Source record: 278092
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

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Below is a collection of SW receiver reviews written by readers of Rec.radio.shortwave. The number following the brand and model number is the number of readers, who indicated they use this type of receiver.

All credit for these reviews should be given to the readers of this group and not me.

John Lloyd

Sony 2010 - 3

I found it VERY easy to plug in and start listening. The supplied instructions are adequate for what they do, but
are not really enough to really start enjoying the radio. The whip antenna works great at home, but just doesn't cut it at work (way too much metal/interference). Even the supplied wire antenna does not seem to help at work (I have not yet tried it at home (no real need).

****
Realistic DX-342 - 1

I've owned this little radio for about a year
now and am really pretty happy with it.

Advantages: Size - Measuring approximately
4 3/4 x 2 5/8 x 1, you can take this little
mini anywhere! Even slip it into your shirt
pocket!
SW bands - Covers 9 SW bands: 49m, 41m, 31m,
25m, 21m, 19m and 16m.
MW, FM, FM Stereo (thru headphones)
Travel Power lock
Push button control
Runs on two AA batteries or AC adapter
Travel pouch
Carrying strap

Disadvantages: It's an analog unit, guys and gals,
no digital display.
No back stand
Antenna does not rotate up

I've had a lot of fun with this little receiver. The
SW sensitivity is quite good for my area of the
country, Cleveland, Ohio. The speaker has a nice sound
and improves thru the earphones. FM stereo thru
headphones is great! MW DXing is surprisingly
good! I can grab signals from Boston, Chicago,
New York and Cincinnati much better than on my
Magnavox AE 3625 Digital!

Summary: A nice little travel radio that's fun
to fiddle with or take for travel when you're in
a pinch. Radio Shack has discontinued this model
so you might be able to find it on sale for around
$50.00. I love the size! Ideal for travel! I'm
beginning to think that anything larger is too
cumbersome. I do miss the Digital Display and all the
features that go with it: Freq. display, Alarms,
world time display, etc. If I were buying today, though,
I'd consider what else is out there for just a bit more
money. For example, the new Sangean 606 is only
slightly larger and has all the digital features mentioned above that I miss. I
've seen it priced for as little as
$179.95!

****
Realistic DX-375 - 1

It costs $99.99 though I got it for $89 since I had a coupon for a
rebate. For the price I think I got a good deal. It has digital tuning
and direct input of frequencies which allows tuning to be a pretty
simple job and not a time consuming act of patience. It uses two C type
batteries... I use rechargable ones and they last a pretty long time..

It is not small enough to carry in your shirt pocket but it could fit in
the front or side pocket of an average sized backpack. It is just great
when you are walking back home from school/work ... it can be easily
carried in one hand as you catch up on the news from
BBC/Deutschewelle/Radio Australia/etc.... as you walk home..
I get decent reception of all the `big stations' even indoors and have, on
occasion also been able to tune to Radio UAE....

The sleep function is perfect for someone like me who likes to fall asleep
with music... the FM sound is pretty good in stereo (headphones)... The
AM reception is also fairly good but it has a very high tendency to catch
those Bible bashing stations...probably a reflection of the region where
I live...

The strap is a little shoddy and I have a feeling I may have to `fix it'
soon... I expect it to pop out any moment....
Despite that, I like it...

****
Realistic DX-380 - 1

I am by no means an expert, but I have a DX-380 and can give some of my experiences. First of all, I would pay the extra to get the 390 to get the single side band capability. I miss it. I miss it. Also, the sensitivity for foreign broadcasts (I'm in DC) without an external antenna is poor. You get the BBC and some German broadcast relays from Canada transmitters, some south american stuff, and that's it. BUT with a 50 m Cu wire out my 2nd story window attached to the antenna with an alligator clip, I regularly get Abu Dhabi and Australia at night.

****
Realistic DX-390 - 2

Great mid-sized digital portable. Good sensitivity and selectivity. Digital display shows time, frequency, signal strength, and memory location. Covers LW (in 9 kHz steps), MW (in 9 or 10 kHz steps) and SW continuously from 150 kHz to 30000 kHz. FM reception (88-108 MHz) with stereo through headphone jack. BFO control for SSB reception. Built-in timer/clock, 9 programmable memory locations per band, except 18 on SW. Good audio output. RF Gain and AM bandwidth controls. Keypad frequency entry. External antenna, AC-adapter inputs.

A great radio for the beginner or as an upgrade from a smaller and/or analog unit.

Purchased from Radio Shack for $219 in January, 1992.

I have a new Realistic DX-390 (alias Sangean 813??). Seems to be a great value for the price $169 US. I haven't yet heard from someone who can recommend a radio for the same price that is better, and can back it up with facts.

****
Grundig Satellit 700 - 3

Truly a world-class portable, digital receiver. Excellent sensitivity and selectivity. Digital display with two separate clock/timers, signal strength meter, band selection, frequency readout, and user-definable eight-character "name" for each memorized station. Has RDS circuitry on FM to decode the newly-phased-in system for identifying stations by call letters, format, etc. 512 memory positions, upgradable to 2048. Tunes in .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. Receives USB and LSB. Synchonous detector helps pick difficult-to-receive stations out of the crowd. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz). Excellent audio output, with separate treble and bass controls. Stereo through headphones or external speakers. Line-level out (left and right), external antenna, and 12 VDC-in jacks. Local/DX switch. Built extremely rugged. Multi-national power

supply included.

An outstanding performer, and worth the price to a serious SWL
or DX'er who requires portability.

Purchased from Universal Radio for $479 in April, 1993.

The Following is a comparison of the SONY ICF-SW77 and the
GRUNDIG SATELLIT 700:

Both of the receivers you are looking at are pretty solid. The
Sony is slightly smaller and has a somewhat more "finished" feel
about it. The Grundig is SOLID with a much better sound. Neither
is as good a SW signal receiver as the previous Sony, the '2010
(2001). However, they both have very advanced features;
multiple (and in the Grundigs case, expandable) memories with
alphanumeric tags so that you have a name as well as a frequency,
all sorts of memory grouping and scanning etc. The Grundig has
good RDS ident. on it's FM band, but I have a feeling that this
isn't used much, if at all, in the US. If you intend to buy
second-hand, be very wary of the SW77 - the early version was
pretty flakey. The later version is better but still not as good
as the '2010.
I think that the choice comes down to "feel". They are both quite
complex to use, but both work as advertised. Try 'em both as they
have quite distinct operational methods. If sheer performance on
SW is the main point for you, compare them with the Sony ICF2010.
You'll buy it and save some loot !
For what it's worth, I tried them both and settled on the
Grundig. I have my Satellit 700 in daily use and it's performed
without a hitch.

My reasons for the choice were:

1. Performance. The Grudig was much better than the early SW77.
2. Sound. I happen to prefer the slightly bassy Grundig sound to
the somewhat sharper Sony.
3. Power. The Grundig takes D cells and can self-charge Nicads in
the set, which is how I have it set up. (The SW77 used C cells)
They both run down batteries fast. The Sony worse than the
Grundig due to it's smaller cells.
4. RDS. I love it and the SW77 doesn't have it.
5. Feel. I like the, I don't know, Germanic solidity and sheer
heft of the Satellit. A Satellit with a full load of 4AH Nicads
can tip the scales at twice the weight of a SW77. Of course, if
drop one on your foot the Sony would be the better bet ! I
only use the Grudig about the house. I have a '2010 for the
road.

I hope this splurge hasn't clouded the issue for you.

Editor's Note:
I have one of these radios and love it! I sent the following

message to someone just after I bought it.

I just recently forked out $500 and bought a Grundig Satalit 700.
The sound from the radio is truely impressive! I have always
wondered why broadcasters put music on shortwave, because it
alway sounded like garbage. However with the 700 I can listen and
enjoy the music. The 700 has Bass and Treble controls, which
improve the sound quality but the Automatic Gain Control most
likely does the most toward improving the sound (I'm not an
expert, so this is just a guess!). Anyway my Wife
regularly listens to music coming from a 60m band radio station
in Guatemala, and can enjoy the sound. However there are some
bad points. It is programable, but I have not worked out how to
do it yet. Well I tried once and gave up. This is not too
bad though, because BBC, Deutche Welle, and about 10 others
are stored in a ROM table. And these frequences actual work
(i.e. they are the frequencies for North America and NOT
Germany).
Also I connected a long wire antenna and found my local AM
station on shortwave. I guess the front-end is not good enough to
sort the signals out when coming from a large antenna. But don't
worry about this either.
If you only want to listen to the biggies like BBC, Deutche
Welle, you won't need an external antenna. I am planning to put
a Pre-selector between The Radio and the Antenna, and I think
this will cure the problem of AM stations on shortwave and cut
out some interference. Finally I recommend this radio to you. I'm
sure you will have hours if enjoyment from it.

****
Grundig Satellit 500 - 2

Formerly Grundig's flagship portable SW receiver, this is
still an excellent piece of equipment. Excellent sensitivity and
selectivity. Digital display with two separate clocks (only
one displayed at a time), signal strength meter, frequency
readout, and four-character user-definable "name" for each
memorized station. 42 memory positions. Tunes to .1 kHz
increments. Selectable wide/narrow bandwidth for AM mode
reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry.
In addition to AM, has three receiving "modes" for LW, MW, and
SW: USB, LSB, and "Sync," which should more accurately be
described as "fine tuning," as this implementation of synchronous
detection operates differently from the Satellit 700 or Sony
2010. Selectable automatic/manual gain control. Covers LW
(150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM
(87.5-108 MHz).
Excellent audio output, with separate treble and bass controls.
Stereo through headphones. Line-level out (mono), external
antenna, and 12 VDC-in jacks. Local/DX switch.
Built extremely rugged. Power supply included.

An all-around great performer. Now that it's discontinued,
many outlets are selling this unit at close-out prices, making
this radio an excellent value for the money.

Purchased from Universal Radio for $379 in December, 1992.

I have a Grundig Satellit 500 and am basically satisfied with it.
I miss the 512 memories of 700 and 'SSB clarify' control
sometimes.

Yes, its 'sync' is exactly fine tuning in 100 Hz steps. However,
it is rather simple to make it work similarly to '700 and '2010,
because the detector chip is the same in all three. Only a switch
with two pairs of contacts is needed. Another design fault, the
excessive distortion in SSB mode, can be partly cured by adding
two resistors. For serious DX-ers it may be important that the
internal ferrite rod cannot be disabled on MW and LW in both 500
and 700, so the in-house noise may become a problem on these
bands.

****
Lowe HF-150 - 1

The Lowe HF-150 (sold by Universal and EEB) is a nice compromise.
Similar number of cubic inches as the Sony (different shape), but
offering some features of the R8. Also the Lowe is made with a
mostly solid alumnum case, which is better than the Sony or the
Drake. The Lowe has dual antenna inputs (wire or SO-239), record
out, audio out, 12vDC in. It can run off any 12V DC battery.
I use 7 aH gelcells which I recharge. The Lowe also takes
8 internal AA nicads *OR* disposable batteries. It will recharge
the nicads with a builtin recharger if you plug it into
an external power supply. It's a nice semi-portable radio. It
has a few ideosyncracies, but you might want to look at it.

****
Lowe HF-225 - 2

I've had an HF-225 for a few years now, and I'm pretty happy with
it. I use it mainly for broadcast listening. It's connected to
25m of random wire via a 5m coax run inside the house.

I tried using an ATU to improve the matching between the aerial
and the coax, and on some frequencies it gave a (small)
improvement in signal strength, but it was such a pain to keep
retuning that I gave up using it.

I recently bought a "magnetic longwire balun", and this seems to
offer the best of both worlds - improved matching between the
wire and the coax, but no retuning necessary. It's rather
expensive, though, and it may be that I'd have been just as well
off with a home brew transformer on a ferrite ring...

The other potential advantage of an ATU, filtering out of strong signals well away from where you're listening, seems to be completely irrelevant on the HF-225. I've never yet found a case where switching in the attenuator did anything beneficial. The receiver's front end seems to be excellent in this respect.

I've got the sychronous detector option, and I wouldn't be without it. It quite often makes a heavily fading signal quite pleasant to listen to. Pity it doesn't have a selectable sideband option, though - I quite often find myself tuning an AM signal in the LSB or USB modes to try to get rid of an adjacent interfering signal.

Would I buy it again? Yes, unless I decided that I really wanted a receiver which offered a computer interface.

****
Sony SW-1 - 2

I bought an SW1E over a year ago, for listening to broadcast SW and FM at home and while travelling. I like this very small radio a lot. It is maybe expensive for a portable, but the build quality is very good, - everything looks and feels right. Battery life is good, and the set DOES work with NiCads (2*AA) contrary to the instructions. Reception of broadcast SW is good, either with the whip or clothes-line antenna. I've never noticed any big problems from adjacent channels either. As a bonus, FM stereo reception is good through headphones. Audio quality from the in-built speaker is fair, but you'll want to use phones for noisy environments. The only bug with this radio is the memory capacity - only 10 mems is really not enough to cover ALL of AM and FM.
Summary - if you want a very small portable, and appreciate high quality (and can afford it), I would recommend the SW1E. Note the E, which denotes the SW1 kit without the active antenna and brief case - these add a lot to the price, and I don't rate the antenna too highly either.

****
Sony SW-15 - 1

I bought one of these puppies on impulse the other day (at my age you should give in to the occasional impulse, just so they keep coming). Cost $85; you could probably do better by shopping the discounters.

Specs:

Dual Conversion Receiver, 6 1/2 x 4 x 1 1/2 inches, 3 AA or 4.5v DC.

Nine Bands:

FM: 76-108 Mhz, 10.7 Mhz IF.

SW: 5.775 -6.425; 6.875-7.525; 9.375-10.025; 11.6.5-12.265; 15.00-15.65
17.50-18.15; 21.325-21.975. 1st IF 10.7 Mhz; 2nd IF 455 Khz.

MW: 530 - 1710 Khz; 455 Khz IF.

Analog Tuning dial, volume control, music/news tone switch, 7 position SW band selector. FM/MW/SW select buttons double as "on" switches. "Off" button. "Hold" button to disable "on" (prevents accidental turnons) Slide rule, multicolumn frequency display. Hand strap, foldout stand to hold at angle on table, soft carrying case. Basic shortwave guide. Telescoping antenna. FM/MW/SW "on" and tuning LEDs. Mono earphone jack.

Subjective Review:

I'm pretty impressed. Sensitivity is up there with the Pomtrex [:-)] without the "splatter" of strong stations. Analog tuning dial requires a delicate touch but for me that's part of the fun. Drift seems nonexistent; you get a station and it keeps it without a lot of vernier twiddling. MW performance was surprisingly good, as was FM. I'd recommend it as a starter radio.

****
Sony ICF-5100 - 1

I bought this radio in Kuala Lumpur in 1988, and I'm not sure if it goes by the same model number in other parts of the world. It is a shirt pocket analog tuned radio with coverage from 6MZ to about 21MZ in seven bands. The radio is very rugged and has served me well despite of the physical abuse it has gone through. Because of its small size the speaker is only small and the sound from it it a little tinny, but I used it mainly to receive news in countries without English language news services and in remote areas while camping etc. I recommend this radio to anyone, who considers size the most important factor. Cost was about US$70.

****
Sony ICF-7601 - 2

In some respects this is my favorite radio. No bells no whistles no FM stereo -- just a good solid (feels like a small brick) analogue unit. It covers AM, FM and has 10 SW bands that cover most of the "out of band" frequencies. Band switching on SW is done by a slide on the front of the radio while buttons are used to switch from AM to FM to SW. The dial is accurate to 5 kHz so is very easy to locate a station. I believe that it was simply the best low cost analogue rig out there. It's still around and can be had for well under $100.00. Grab it!!

I have a 7601 also. Most of its weight is from the batteries and the speaker, giving it better tone and volume than smaller, lighter sets.

As with other cheap analog sets, it wasn't very hot out of the box.

If you "super tweek" the 7601, it's pretty good on AM, but no match for a 2010 or Superradio III. Most of the shortwave bands peaked up well, but I never could get 19 meters working right. As with most analog portables, the whip is part of the RF tuned circuit, so one must be careful to duplicate the exact listening conditions when tweeking the radio. Even the presence of headphones will shift the antenna tuning.

Unfortunately the 7601 picks up FM stations at various places on the shortwave bands. If you're far enough away from FM and TV stations you might have room for an R-390.

When going on trips I usually take my SW-1 because of the convenience of the presets and the reception flexibility provided by the active antenna that comes with it.

****
Sony ICF-SW33 - 1

I've owned this radio (SW33) for about 9 months and use it as my "carrying around the house rig." It was purchased to replace a Sony 7601 that now resides on my desk at college (things electronic can grow legs on a college campus). By far the best features of this unit are its convenient size and excellent performance on all bands, AM, SW and FM stereo. Don't get me wrong -- this is not a DX machine on SW but for listening to the major broadcasters, it's excellent.

The single filter selection seems just about right and tuning on SW is in 1 kHz intervals. This at least gives you a "fighting chance" to move away from interference. That's a major improvement over the 5 kHz that many radios in this price range allow. In addition, the dual conversion design on SW keeps image interference at bay - a major plus for a small portable.

The radio does not have a keypad so entering frequencies is a bit clumsy. However, by entering the middle frequency of each of the major SW bands in the 7 memories (5 memories plus 2 timer memories) and slewing up or down from those positions you can get around reasonability fast. The SW bands are changed by a combination of 2 keystrokes.

The sleep control (shuts the radio off after 1 hour) can let you be lulled to sleep and the timer alarm can make sure that you get to work on time (radio shuts down after 2 hours if it is turned on by the timer). Setting the radio alarm is very easy - once you have set the clock, but that frankly, is a pain. The clock function, which works very well (combination world/home time), takes at least 7 distinct steps to set it. Fortunately the clock is fairly accurate (looses about 0.2 sec/day) so you don't have to reset it very often. The lighted dial (stays on for 20 sec at the touch of a button) is a nice touch.

Battery life is excellent contrary to the 1994 Passport to World Band Radio (see below). The radio has a battery "gauge" that is

activated at the touch of a button radio and shows in the display
as a battery icon with 3, 2, 1 or 0 dots inside of the battery outline.
It disappears after about 5 seconds. As soon as the number of
dots reaches 0, the radio shuts off immediately. I ran a a series of
tests with Radio Shacks Super Alkaline batteries and got the
following results: 3 dots showed for 37 hours, then 2 dots showed
for an additional 11 hours, and finally 1 dot showed for 3.0 hours
for a total of 51 hours. (Radio ran 1.5 to 2.5 hours/day with the
volume control set at 1/2 volume most of the time). At $2.89 (plus
5% for tax) for a package of four AA batteries (the radio takes 3),
that figures out to 4.5 cents/hour which is excellent. This figure differs
greatly from that given in the 1994 Passport (25-30 cents/hour). I have
no explaination for the difference but I stand by my test values.

Would I recommend this radio to anyone? If you do a lot of band-
scanning, forget it; it will drive you crazy. But at about $140.00 plus
shipping (NYC mail-order) it's an excellent "second" radio to carry
around for listening to the major broadcasters. I like it!

****
Realistic DX-440 - 2

I have a DX-440 and I think it is a good 'dabble' radio but if I
ever get serious I will look for a > $500 table model.

I love this radio! It's my main radio and I use it
exclusively at home, moving it from room to room. It really is
too large for travel

I've found the sensitivity to be tremendous on SW, MW
and FM! Very rarely do I need to attach a clothsline
antenna! It has continuous SW coverage, a great sounding
speaker, BASS and Treble controls, two bandwidths, great
sensitivity, good spurious signal rejection...It has
all the features I wanted in a starter radio! I bought
it about three years ago on sale for $150.00! I still
don't know why Radio Shack discontinued it. If you're
looking for a good starter shortwave radio and can still
find one laying about at a Radio Shack store priced to move,
GRAB IT!

****
DAK DMR-3000 - 1

I bought this radio since they have a 30-day money back guarantee
and I did not know if I would like the hobby or the radio. Good
points: direct-entry tuning, 36 station memories, fairly small so
it is easy to travel with, speaker sound was good, reception was
okay, but improved dramatically with the addition of the Radio
Shack 23' rollup longwire ($8.95). Bad points: only 5kHz tuning
steps, only major broadcast bands tunable (large gaps between
bands), selectivity not so good, no fine tuning, no BFO, no SSB

or CW, poor FM reception. All in all, not a bad radio of $69.90, however, it left me wanting for more, so I got rid of it.

I have seen a couple of posts asking for a low cost SW receivers. I have recently bought a DAK Model DMR-3000, for just $69.90+$6.00 shipping from DAK - a mail order company.
The receiver has a direct access, so you can type in the desired frequency, and a manual / automatic scanning system. It also has a dual time clock with alarm and 'sleep' timer. Unfortunately you can tune only to the commercial frequencies on SW, AM and FM bands. I have to say though that cheapness comes at a price. The first receiver I got was defective so I had to ship it back and ask for a replacement. Now, I received a new one which works very well.

Compared to my Sony ICF-7601 the DAK unit is an insensitive brick. The fancy clock and timer features aren't really worth it. About the only thing nice is the FM Stereo support if you plug in headphones but the FM sensitivity leaves much to be desired as well.
Something else to watch for.... That pretty lettering on the buttons will wear off REAL fast. If you haven't used it much yet you won't see a wear off REAL fast. If you haven't used it much yet you won't see a problem. After you've done some tuning you'll see the pretty arrows disappear from the buttons.

****
Sangean ATS-803A - 1

Since I was now turned on by SWL'ing, I moved up to what most people agree is the best all-around radio for this price. Good points: excellent frequency band coverage (150kHz to 30mHz), fine tuning, good selectivity, BFO for SSB and CW, many scanning options, lots of accessories included, good AM and FM reception. Bad points: way too big to travel with, high battery consumption, synthesizer noise in background all the time, scanning frequently skipped lots of "listenable" stations that I was able to get by manual tuning (what's the use in scanning, then?). I found that adding a longwire antenna only increased interference and noise while not improving the set's scanning sensitivity. Overall, a fairly good radio for the price...

I have a Sangean ATS803A which I love. Comments to quote me on would be that it's an excellent beginner's radio for the price. Although I've heard that the 818 is the "latest and greatest" in this price/performance category. I especially love the full coverage 150kc-30mhz and the (albeit lo tech bfo) SSB capability.

****
Sony ICF-SW20 - 1

I was in dispair when I could not find a decent travel portable for under $200. However, I accidentally crossed paths with a Sony ICF-SW20 on sale (normally $99, on sale for $49.99) at a local store and had to check it out. It is an analogue set, but since I got a 30-day return policy on it, what the heck? Good points: analogue tuning so no problem with confining 5kHz tuning steps, INCREDIBLE SENSITIVITY - this radio blew the DAK and Sangean away with the number of stations I picked up, good selectivity (no fine tuning knob - all you need to do is turn the tuning knob slowly), tiny size (4"w x 3"t x 1"d), small whip antenna (only 18"), addition of Radio Shack rollup longwire increased sensitivity even more, great low price (if I lose it or its gets destroyed, no problem replacing it), tuning bands are wider than the major broadcast bands, so you do get some utilitiy reception as well as WWV, AM and FM are really sensitive while FM goes from 76mHz to 108mHz so I can pick up some TV as well. Bad points: frequencies cover only seven broadcast bands (I can live with that, though), only monaural earphone included (however, you can get a $1.39 mono to stereo headphone plug), no BFO for SSB or CW, no station memories. All in all, this radio gave me the best price/features/size ratio of the ones I checked out first-hand. It's a keeper for me!

****
Magnavox 3625 - 1

Finally received my Magnavox 3625! Well, I'm certainly happy I purchased this little radio. Sure, it's not top shelf, but it's suitable for travel purposes and gives adequate SW coverage.

Has these features:
Travel Lock
Alarm (beeps, does not turn on radio)
Sleep Timer
9/10 KHz switch - for world travel
12 hour clock (however, when unit is swith to 9 KHz steps 24 hour clock kicks in)
20 presets - 5 for each band FM, AM, SW1, SW2
Dual time
Auto store - this feature allows the radio to automatically find the five strongest stations in an area and program
them into the memory of the FM & AM band.
Back stand
Antenna swivels and rotates
Runs on four AA batteries.

Well, the sensitivity is quite good. Steps in 1 KHz increments. No tuning knob but the slew tuning buttons work just fine. It's about the size of a paperback book and can be taken anywhere reasonably well. No carrying strap,
though. The SW coverage is limited but it grabs the major broadcasters exceptionally well. Example: the 41 meter band is

covered from 7100 to 7300. So if you want to listen to the BBC on 7325, you're oput of luck.

However, I like to listen to the BBC on 12095 or 15070 European signals during the day that I cangrab when I attach a long wire. The 3625 can't tune these freqs. but it can grab 15400 (from africa) WITHOUT a long wire antenna! I'm pretty impressed.

Bottom line....A GREAT little travel radio for $70.00! Call a Magnavox outlet if you are interested.

****
Magnavox AE-3805 - 2

Great little digital portable. Good sensitivity, average selectivity. Covers MW (in 10 kHz steps only), FM (no stereo), and SW in two "bands": 3200-7300 kHz and 9500-21750 kHz. Built-in timer/clock (12 hour format only), 5 programmable memory locations per band. Great for travel use.

Purchased from Damark for $49 in May, 1993.

$50 from Damark closeout -- cheapie category

****
Emerson PSW-4010 - 1

Great analog portable. Good sensitivity and selectivity. Covers MW, FM (stereo through headphones), and SW in 8 bands (roughly split out as 13m, 16m, 19m, 25m, 31m, 41m, 49m, and 60/75/90/120m). An excellent travel portable.

Purchased from DAK for $49 in June, 1988.

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Sony ICF-5900W - 1

Sony ICF-5900W was a good radio in its day, but isn't worth listing now.

****
Icom IC-R70 - 1

I purchased my R70 in early 1983. It came with a scratched plastic window for the digital display, which the factory replaced. It is an extremely sensitive receiver. I installed the FM detector board option, which is highly useful for Sub-Carrier detection from FM broadcast receivers in conjuction with the R70's ability to tune below 100khz without a frequency convertor. The so-called PassBand Tuning (PBT), in actuality an asymmetrical bandwidth narrowing control, is very mediocre with the factory 455khz filters. Replacing the 455Khz ceramic SSB filter with a Fox-Tango FT-44 2.4khz 8-pole crystal filter (equivolent to the ICOM FL-44) makes the passband filter work as one would want. The AM 455Khz ceramic filter is junk,

and was replaced with a higher quality "4Khz" ceramic filter from
the long-defunct Radio Plus firm. The actual specs for the 4Khz filter
indicate that it is a slightly asymmetrical filter of 5.6Khz bandwidth,
causing a slight degredation of the "highs" (The original spec is
for a 6Khz bandwidth; the 9Mhz AM filter is a 6-pole device). Inclusion
of both replacement 455Khz filters results in a combined shape factor
of much better than 2:1 on AM or SSB. In addition, the RF amplifier
was enabled for AM broadcast band use, and an MOV was placed across
the AC input for protection against voltage transients. [Actually,
a Transorb would be far better in defending against narrow transients.]
For awhile, I replaced the diode AM detector with a Shottkey diode,
but my ears could detect no difference in distortion, and so the
original AM diode was returned to the circuitry. It's been serviced
once by ICOM for an intermittant problem ($150 ouch). There exists
several modifications to enable selection of the 455Khz SSB filter
whilst in AM mode for additional selectivity.

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YORX AM908 - 1

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Drake R8 - 1

****
Drake SPR-4 - 1

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Icom R-71A - 2

Eskab & Edvis of Sweden used to offer a Phase-Locked AM (PLAM) detector for
the R-70 and later R-71; they also offer a version for the NRD525. I have
the R71 version. It is a synchronous detector which allows selection of USB
or LSB via the IF filter/BFO offset. The PLAM board phase-locks one of the
R71 local oscillators (I forget which one, probably the BFO) to the AM
carrier. It contains its own product detector. The lock range is not very
large, perhaps +/- 20 Hz. The detector seems to have lower distortion than
the ICOM AM detector.

Compared to ECSSB, aside from the advantages of phase-locking the product
detector BFO, the PLAM unit also lowers the corner-frequency of ICOM's
low-pass audio filter, giving better bass response than normal SSB mode on
the R71. I find that this improves the intelligibility of the signal.

The PLAM board piggybacks in the mounting area for the ICOM FM option
board; both can coexist. Installation is somewhat difficult, as it involves
connecting over a dozen wires to various boards in the R71.

Eskab & Edvis also offered a 4 KHz 2nd IF crystal filter for the R71. This
installs fairly easily in place of the narrow CW filter. It is very much
better than the stock ICOM 6 kHz bandwidth, which is wide-open until it
hits at cheap ceramic filter in the 3rd (455 kHz) IF.

I don't know if Eskab & Edvis still offer the R-71 PLAM and 4 kHz filter.
They used to advertise in the WRTH.

Regarding other options: I believe Sherwood Engineering offers an outboard
synchronous detector for the R71 as well as other receivers. The Kiwa MAP
unit should also be adaptable to the R71.

Also, Dom Moman of Shortwave Horizons publishes a modification manual,
which details mods like enabling the preamp on MW, true pass-band tuning,
sub-10 Hz RIT, etc.

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Kenwood R-2000 - 1

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Kenwood R-5000 - 1

****
Kenwood TS-450-1

I know it's not a reciever, but since it has general coverage,I decided to
put it in here.The TS-450S iaN amateur transciever that costs little more than
a R-5000,and if you have your ham ticket or are thinking about getting it,may
be worth checking out if you are in the market for a new toy.I'd be willing
to bet the replacement for the 5000 will look just like the 450,just like the
5000 looks like the 450's predacessor,the TS440S.First thing it is EXACTLY
the same size as the 5000/440.Unlike the 5000/440,it has an LCD display that
is unlike any other I've ever seen.It is almost too bright!The brightness
cannot be adjusted,unfortunatly.The 450 recieves in all the standard modes
except for fax.It has a"normal"keypad unlike the 5000 and the aggravating
CW that is producewhen a major button is pressed can be silenced by y
-a simple menuss,you dont have to cut a wire like the 5000he S-Meter
is a bar-graph type that I like but some people dont.It also has an Audio
meter function that kin baffles me.I still dont know what use it is,but it
looks nice!Probably the most notable thing you will observe when using the
450 is the QUIET!It is so quiet,it seems strange the first couple of times you
use it.The AGC is non-defeatable and has a fast/slow toggle.It is the strangest
and slowest AGC I've ever seen,on slow the S-Meter just sits there and then
SLOWLY goes down.On fast,it just isn't quite so slow.It seems to work ok,but is
really odd.The stock filter for AM is a mile wide but you can add the YK88 AM
filter but you wll lose the open slot for the 8.83 ssb filter.I'm not sure,but
the 450 seems to have the same stock am filter the 5000 has.On SSB,it uses one
of the better Murata ceramic filters and is ok but the optional SSB filters are
highly recommended.The audio is FANTASTIC on all modes and if you put one of
the minimus speakers from Radio Shack on it,you will like it a lot.Dont bother
with the Kenwood speakers,the one that goes with the 450 is not too good and is
expensive too!The ergonomics are pretty good,except for the tuning knob,yes
like all the recent vintage Kenwood rigs,IT DOESN'T HAVE A FINGER HOLE!!Why
does Kenwood insist on putting these awful knobs on all the rigs they have made
lately!All in all,it is a very good riever in almost all respects,and since t
it only costs about $100 more than a 5000,it is worth a lookND as a bonus,
the recieve coverage goes up to 40 mhz!If you are into low band scanning,you
will hear things on the 450 you never knew existed on your scanner.If you can

swing the 450's sister model the TS690,you can recieve all the way to 60 mhz. When the 5000 is put out to pasture,if it's replacement is the 450 without the transmitter,it will be very tough competition for the other makes.All it needs is Sync.detection and you really couldn't ask for much more.

****
Japan Radio Company NRD-515

THE all time most user-friendly recieveof recent vintagHas PBT,analog fine tune,four I.F.bandwiths,AM,LSB,USB,and RTTY modes.There is no squelch but it really doesnt matter much.Of all the recievers I have owned,or ad over here to play with,it is the most sensitive in the SSB modeI have the standard 6 and 2.4 khz filters,and th600 and 300 hz filters whitch are great for RTTY or CW(if you are truly desparate!)The "protection"diodes have been removed due to intermod from a local AM station.The reciever's case,front and back panels are made of Aluminum,no plastic to crack on the 515!The audio in AM is very bad,almost as bad as the Icom R-71a,but in a different way.The audio is "fuzzy"out of the speaker jack,but not too bad out of the record jack but still a little "fuzzy".In the SSB modes,the audio is pretty clear and doesn't fatigue me like the Icom dos far as thergonomics goes,it's almost prefect!All the knobs are the right size,the tuning knob is large and has a nice deep finger hole(Kenwood,are you listening???).The S-meter is big and easily seen across the room.Dynamic range is very good after the diodes have been clipped(a one minute operation).The filters all are good quality and have good shape factors.This was the first "affordable"rig that had a memory option that was worth something with 24 or 96 channels available. The NDH-518 I have(96 ch.)is also made totally out of cast and sheet aluminum and matches the 515's styling.It stores frequency only,unfortunatly, due to the year it was designeIm guessing.There are lots of these recievers floating around on the used market for about $600 or so.Universal seems to have a lot of them passing thrgh the store.

****
Japan Radio Company NRD-525 - 1

This is a great reciever,marred only by bad audio and a hiss that will drive you bonkers if you have good hearing and a speaker that can put out the highs. I have had two of these,the first I traded for a sateite setup,and the one I have now.The newer reciever has mucbetter audio then the first one and lesess hiss too.Ergonomics are very good MUCH,MUCH better than the Drake R-8.(IMHO,the Drake is seriously overrated and all the stuff about made in the U.S.A.is kind of funny cause a LOT of the innards are MADE IN JAPAN!!!)Oh well,back to the 525,if you are into AM,it's probably not the reciever for you, but in allthe other modes,it is one of the best consumer grade recievers ever made.Performance in all modes is basically excellent except fothe audio pr problem,and stability is rock solid.JRC has only cut a few corners compared to the 515,probably the ultimate in construction for consumer recievers. The case is made of very thin sheet metal and the front panel is plastic.The keys fit loose in the keypad but work ok.The display has four brightness levels and is very easily read from across the room.The S-Meter is "digital" and is a floating vertical bar segment that seems to be yellow on some samples,

and green on some others.It is sort of "spastic"and twitched a lot on the first one I had,but not as much on the seconone.The first 525 I had would "click" on strong AM signals,but the new one doesn't.The main tuning knob spins very smoothly and has a nice finger hole.(KENWOOD,WHY DONT YOU LISTEN!!) All in all, a great reciever.

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Japan Radio Company NRD-535D - 1

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Yaesu FRG-100 - 1

****
Panasonic RFB-65L - 2

$220 from Universal, EEB, etc. -- my main set, an excellent portable, many features, nice construction and details.

****
Sony SW-55 - 2

This is my principal radio at the present time (I also have the Sony ICF-SW33 and the Sony 7601). This rig is an extremely sophisticated piece of equipment. I especially like the fact that you can store up to 125 frequencies on 25 electronic pages that can be named as you wish (by country). Once programed this is very convenient. The two filter selections are well chosen (much better than the stock Sony 2010 filters). My use the radio to copy WEFAX with excellent results attests to its stability (and that it receives USB and LSB).

The versatile timer/alarm and tape remote feature allow automatic recording with certain tape recorders (Sony and others) of up to five times and frequencies in a 24 hour period. I use this feature all of the time. Audio (stereo on FM) qualitity for a portable is very good; better I believe than the stock 2010 although as with the 2010, it is improved with a set of external speakers.

Unlike the 2010, the SW55 does not have synchronous detection. That's too bad because I believe that if it had this feature it would blow away
tition. As it stands it is an excellent radio. Most interference can be eliminated with the narrow filter or moving away from the interference a bit (the radio is tunable in steps of 0.1 kHz) so the lack of sd is not critical. I really believe that Sony did not include it because it would have then had a very negative impact on sales of the SW77.

Would I buy this radio again. You bet! The only problem I've had in the year an
owned it is that the lettering has worn off the 1, 5, 0 and EXE keys on the keypad. That should not happen on a $300.00 radio!

****
Philips AE3905 - 1

In short, in my experience, the AE3905 is no real great shakes. It looks neat as hell, and marks its owner as a man of taste and distinction with more money than brains (like I said, *I* have one). Its shortwave performance is mediocre. Using this in a hotel last February, I found that attaching the included reel antenna caused the radio to overload fairly badly. The batteries don't last very long. The filters included are fair, but you still get a fair amount of interference from adjacent stations (not as bad as some small portables, but not good). I certainly wouldn't want to use this as my primary radio. For portability, it's fantastic. I can listen to the BBC or VoA anywhere. The radio fits in my shirt pocket, although reception in my pocket isn't all that good. In short, the radio isn't worth what Philips charges for it, but if you've got more money than you know what to do with and a desire to have a flashy looking toy, it'll do. The radio has only recently been available in small quantities in the U.S., and appears to have been discontinued in Europe. I got a reconditioned copy for $179 from the Magnavox factory outlet in Kentucky. Universal lists the radio in their catalog for something like $250 new if I recall correctly. You're not likely to find it anywhere else.

John Lloyd
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39. Macintosh Amateur Radio Software - January 1994

Newsgroup: rec.radio.scanner
Date: 1994-01-03 17:31:26 UTC
From: p00489@psilink.com
Message-ID: <9401031731.AA04203@worldlink.worldlink.com>
Source record: 278099
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.shortwave,rec.radio.info,rec.radio.scanner

Macintosh Amateur Radio Software - January 1994
Version 1.05

First of all... Happy New Year to all of you Mac Hams. Hope Santa was good to you and you have a neat new toy or two!

Please feel free to distribute this list as widely as possible. Many of you have asked if it is OK to cross-post this list? I don't mind, but I would like to know where it is going. If you think it should be cross-posted to other USENET groups, please let me know so I can try and manage these. We don't want to have any duplication or our welcome will be wore out!

Those of you that can tell me about ANY of these programs compatibility with System 7 would be appreciated! I am going to be adding a System 7 compatability section to EACH description in future releases. If the application is KNOWN to execute properly under System 7, the System 7 anotation will be placed as the last line of the product description. More clarification on levels of System 7 compatibility in the future editions... but this is a start!

Some of the information in this list was gleaned from flyers supplied by the software vendors, or in some cases from reviews in amateur radio publications or the README files included with the archive. Some of the information has not been verified for a long time; please check with the vendors/authors for the latest product specs, pricing, etc.

NEW/CHANGES: I've started adding more version numbers so that our users will know if they have the most current release. Thanks to those that have already sent them in... I'll accept all corrections!

This list contains info on updated for several applications: updated information on Kantronic's Host Master(thanks John-WD1V) and Lar's newest release of Morse Trainer 1.1.1. Ivo-ON1XK and Adam-PA2AGA both contnue to be busy with new releases of IM/Mac and NET/Mac repsectively. I know that Adam made changes to support the multiport serial boards... and now we can have up to 16 TNCs connected! Thanks Adam, Ivo and Lars for some great products!

MacSPOC is the most recent new entry

I have been informed that The World, world.std.com, is the newest site carrying the Mac Ham Radio Software. Scott-WY1Z is maintaining these file as the Librarian of the Boston Amateur Radio Club. Look in the following path: /pub/hamradio/mac. Check at the bottom of this list for more information on ftp'able sites carrying Amateur Radio software. The ARRL ListServer is also carrying the latest

version of this list... in case you loose this one!

*** Collections ***
<MacNet v5.31>
Join MacNet and get included in the latest version of "Macnet Roster", a HyperCard 2.x stack that now has > 400 members and is the proverbial "Who's Who" of hams using Macs. You'll find "Macnet Roster" a great tool for finding out who, what and how other hams are using their Macs with their ham stations. It even includes this file!
Send $30.00($40.00 DX) check or money order to: WD1V, John Seney, 144 Pepperidge Drive Manchester, NH 03103 USA.
All disks shipped First Class Mail PPd. Get the COMPLETE Macnet Software Collection ppd. on 10 disks!
Based on your interests, you'll also receive public domain shareware received by our members.
System 7

<Project Mac>
Contest logging, antenna design, satellite tracking, clip art, etc. Microsoft BASIC required for many of the programs. Most of this software is now available in the MacNet collection. Send three formatted 800K Macintosh disks with stamped, self-addressed disk mailer to Stan Horzepa, WA1LOU, One Glen Ave., Wolcott, CT 06716-1442. Stan can be reached at horzepa@gdc.com
NOTE: Stan has indicated much of this software is "old" and may not work on some newer Macs. Also he notes that most of his collection is available in the MacNet collection above. He will send anyone what he has if you send him the disks and SAS mailer.

<Amateur Radio Software for Macintosh>
Extensive catalog including logging, Morse code, gray line, test preparation, satellite tracking, contesting, and packet radio programs.
ZCo Corporation, P.O. Box 3720, Nashua, NH 03061. NOTE: This company has been rumored to be out of business!

<Amateur Radio #1>
Contains satellite tracking, Morse code, attenuator design, and Ohm's law calculator programs. Kinetic Designs, P.O. Box 1646, Orange Park, FL 32067.

*** Test preparation ***
<Ham Test Stacks>
HyperCard stacks containing the entire question pool for each license class. Can be used for preparation or generating actual tests. The current releases are: Novice v4.1(new questions eff. 7/1/93), Technician v4.0(new questions effective 7/1/93), General v2.4, Advanced v2.4, Extra v2.4 If you wish to receive these PUBLIC DOMAIN stacks, please send a SASE (self addressed STAMPED envelope - 2 ounces postage = .52) and 800K diskette to the author: Diana L. Carlson, 3 Spruce Street, Hudson, NH 03051. Diana will no longer

send out the stacks unless the envelope has sufficient postage
for return mail (in general, that means .52-.98, depending on size
of envelope) and for those who send a standard business envelope,
she takes no responsibility for the condition of the diskette
through US mail. Available via anonymous FTP from various sites,
including uxc.cso.uiuc.edu (/pub/ham-radio). NOTE: The newest
releases of Novice and Technician stacks are available at
uxc.cso.uiuc.edu (5/6/93) Author is available via Internet:
dls@genrad.com
System 7 savy with HyperCard 2.1

<MacHam>
Test generators and study aids for the Technician, General,
Advanced, and Extra class written elements. Includes the complete
question pool for each license. Hypercard based.
Coyne Co., P.O. Box 2000-200, Mission Viejo, CA 92692.
System 7 with HyperCard 2.1

*** Morse code practice ***
<N6MZV Morse Trainer>
Lets you practice any combination of letters, numbers, and/or
punctuation characters. Can send user-created text files.
RT Martin, N6MZV, 10382 Orange Avenue, Cupertino, CA 95014. Also
available via anonymous FTP from ftp.apple.com (/pub/ham-radio).
Shareware.

<Morse Code Tutor v1.6> - used to be called Morse Tutor
Sends random groups of letters, numbers, and/or punctuation
characters. Available via anonymous FTP from ftp.apple.com
(/pub/ham-radio). Or send formatted 800K Macintosh disk with
stamped, self-addressed return disk mailer to Jack Brindle, WA4FIB,
726-175th Street SW, Bothell, WA 98012; Compuserve: 73365,606.

<MorseMania V1.0>
Designed for those already familiar with Morse code who want to
improve their speed. Allows code practice at various speeds and
audio pitches. Can generate random sequences or play the contents
of user-created text files. Freeware. Available via anonymous
FTP from whirlwind.stanford.edu (/pub). Contact Edward Plumer,
KM6IQ, for more information; Internet: plumer@isl.stanford.edu.

<MacMorse>
Randomly sends chosen characters. Lets you create your own practice
files. David A. Kall, 700 Marine Parkway #314, New Port Richey,
FL 34652.

<MacMorse v1.3>
MacMorse is designed to help you learn Morse code and improve your
receiving speed. It has several ways that it can send letters and
punctuation. Shareware. Doug Havenhill, Dynamics and Control,
7143 West Sunnyside Drive, Peoria, AZ 85345.

<MacSamuel>
Sends random words, random character groups, and user-created text files. Can also create simulated QSOs with randomly generated text and callsigns. Avant Systems, P.O. Box 5437, Pittsburgh, PA 15206.

<Zihua Morse>
Designed to teach Morse code to beginners and to improve the accuracy and speed of advanced users. Responses can be typed into the computer; the program will calculate accuracy and timing statistics for each session. Optional speech synthesizer reads the characters out loud for an accuracy check. Zihua, P.O. Box 51601, Pacific Grove, CA 93950.

<Sparks-II v2.0.5>
More Code training program. Available for anonymous ftp at rahul.net /pub/davidj/radio

<Morse Master v1.0>
The newest of the morse code training programs. MM calculates the real speed as follows: Real speed = Number of Words/end time - start time. And the lengh of word is generating randomly, so if you set even 5WPM, sometimes another value will appear. However you should believe the slidebutton's value. If you repeat many times, the average speed should be 5WPM (if not... anyway, believe the slidebutton's value). Archive is available mac.archive.umich.edu, path: mac/util/organization/morsemaster1.0.sit.hqx The author can be reached thru the following e-mail addresses: h79261a@kyu-cc.cc.kyushu-u.ac.jp. (Eiji AOL account is no longer valid - moved back to Japan after his studies.)

<Morse Trainer-US v1.1.1>
MorseTrainer is a powerful tool for learning and training Morse code. Features: Three different training modes: user text, random text, library text; Arbitrary signal pitch and timbre; Arbitrary speed and tempo; Multi-alphabet support; Random text generator; Text library editor; On-line alphabet; On-line manual; Help Balloons; And a lot more. New features in 1.1: Enhanced sound generator, volume control and risetime control. The pitch is set in steps of 10Hz instead of using MIDI frequencies; Speed and tempo limits increased to 80 words/minute as a result of the enhanced sound generator; User-selectable font in the Misc settings dialog. FREEWARE!
This version uses TrueType fonts instead on bitmaps fonts so that the user can distinguish 0(zero) from O(character). Furthermore speed and tempo can be given in either characters/minute or words/minute. Archive is available mac.archive.umich.edu, path: mac/util/organization/ Author is available via internet: sund@tde.lth.se
System 7 savy

<CW Speed Builder v3.0>
This program is for improving Morse Code (CW) reception skill. The major difference between this and other Morse Code training

programs is that this one will not continue sending until you
provide the correct answer. Major changes which have been suggested
and implemented since last version include: after three incorrect
responses the program shows the correct character; the list of
characters at the end which will show those you know and those
you need more practice on; the frequency of the tone has been
changed; volume of the tone has been reduced; the character " - "
has been added (dah dit dit dit dah) Comments can be sent as
follows: America Online:K7UPJ, Internet:k7upj@aol.com, Packet
radio:K7UPJ@KA3T, Compu$erv:70521,2356, Mail:Box 84, Cascade, MD
21719

*** Packet and other digital modes ***
<NET/Mac 2.3.34>
Allows simultaneous TCP/IP, AX.25, and NET/ROM connections. Requires a TNC
with KISS mode. Copyright, but free for noncommercial use. The latest
releases have added support of multi-port serial boards like AE's QuadraLink.
It is now possible to have up to 16 TNCs connected up to a Nubus Mac!
Adam van Gaalen, PA2AGA, (Internet: adam@IGG.TNO.NL) has been making the
modifications to NET/Mac. This version (and others) is available via
anonymous FTP from ucsd.edu (/hamradio/packet/tcpip/incoming),
mac.archive.umich.edu and
System 7

<Domain-to-Hosts Converter 1.0r3>
This application will create a hosts.net file from the domain.txt file that
PC owners use with NOS. Created by Ken-NS1C is available on many TCP/IP
packet switches in New England.program.
System 7

<IM/Mac 1.0b27w>
Mailer program for use with the SMTP protocol. Alternative to the BM program
that comes with NET/Mac. Written by Ivo van Ursel, ON1XK. Ivo is continuosly
updating his mailer program. His newest release supports built-in BinHex
support, selectable sound chimes for incoming mail, "quoting" of forwarded
messages and lots more. If you are not using this program... why not? Check
for the latest release in the directory before "blind" ftp'ing. This
software supports System 7's Ballon Help and is System 7 savy! Available via
anonymous FTP from ucsd.edu (/hamradio/packet/tcpip/incoming).
Author is available via internet: on1xk@igg.tno.nl <<-- new address for Ivo
System 7 savy

<SoftKiss 1.8>
Control panel device that emulates a TNC running in KISS mode. For use with
packet-radio modems such as the Baycom kit and PacketMac Modem. Version 1.8
July 9 1993 update since 1.6. KD6PAG found a bug in quoting recieved escape
and end characters is sofktiss 1.6. The bug and the fix and patch are all
correct, thanks for some great detective work. Lots of doc files and drawings
included in this archive! Requires the Serial Tool from Apple's
Communications Toolbox! Available on the HAMNET forum of Compuserve, America
Online and via anonymous FTP from akutaktak.andrew.cmu.edu (/aw0g).

System 7

<PacketMac Modem>
PacketMac Modem kits can be obtained from: Sigma Design Associates, P.O. Box 49085, Colorado Springs, CO 80919, (719) 260-5513 (after 1/94). Dexter Francis can be reached at FRANCIS4@AppleLink.Apple.COM

<Savant 1.0.1>
A new packet terminal front-end by the author of Virtuoso. Savant has a split window interface, but it's also a multi-window, multi-connection interface and will work with almost any TNC,
unlike MacRatt or HostMaster.
A demo version of the product is available at cpre1.ee.iastate.edu (pub/ke0ph) or via US Mail, send a SAS disk mailer and disk to CM Technologies, Inc., RR#1, Box 83A, Kelley, IA 50134 (515) 597-2051.
System 7, 32-bit, '040 cache clean and it supports the required AppleEvents.

<MacRatt with FAX>
Terminal program for use with AEA's PK-232 multimode controller. Supports packet, CW, RTTY, AMTOR, and facsimile. Includes cable. Advanced Electronic Applications, P.O. Box C-2160, Lynnwood, WA
98036.

<Host Master 1.2>
The Kantronics Host Master software provides an easy to use, multifunctional terminal program for the TNC. Host Master Mac is a simultaneous multi-mode terminal program for the Mac written by Kevin Krueger, N0IOS and marketed by Kantronics. It is a commercial product available from most of the ham radio stores and supports single and multiple packet connects, packet monitoring, and HF operation (with KAM) each on a separate window, all at the same time. This package retails for $69.95 in the US and is intuitive, friendly, and well supported by Kantronics. Current version as of 10/20/93 is 1.2. It is hoped that a future version will support FAX but currently Hostmaster supports PACKET, AMTOR, RTTY, PACTOR (KAM ver. 6.0), CW, and NAVTEX.
Features: text and binary file transfer; packet conferencing; color or B&W windows; cut, copy, paste between windows; call exchange and data/time stamp; auto startup/shutdown commands; transmit buffers for each mode; simultaneous dual port, multiple connects; supports KPC-2, KPC-2400, KPC-4, KAM and Data Engine. Requires: Macintosh Plus w/ System 6.05 or better. Current Kantronics firmware.
System 7 compatible, with baloon help

<PacketTracker 1.05>
PacketTracker ver 1.05 is a program that monitors packet activity and keeps track of what is going on. It draws a graphical map showing who is talking to who and displays statistics of all current stations and keeps a running tally of activity. PacketTracker was written for both the casual packet user and the network manager or BBS operator. The casual packet user will be able to learn a great deal about what is happening in packet around him; which stations are generating the most data and what some of them are. he will be able to see graphically what stations he can hitdirectly and which ones he

cannot. For the network manager and BBS operator, PacketTracker provides extensive insight to the operation of the local network and problems such as excessive retries on a path. It also allows for extensive logging of channel utilization and other pertinate information.
NOTE: This application requires the Apple's Serial Tool from the Communications Toolbox.
System 7

*** RTTY ***
<MacTTY>
Decodes Baudot or ASCII transmissions. Can also be used for packet radio and other digital modes (including landline data communications). Includes split screen, a 15,000-character type-ahead buffer, and canned messages. Summit Concepts, Suite 102-190, 1840 41st Ave., Capitola, CA 95010.

<WeFaxWorks>
Weather facsimile terminal program for use with Kantronics TNCs. Kantronics rfconcepts, 1202 E. 23rd Street, Lawrence, KS 66046.

<MacMultiCom 1.0>
MFJ sells MacMultiCom 1.0 for their 1278 multimode controller. MacMultiCom supports all of the modes of the 1278: packet, rtty, ascii, pactor, amtor, gray scale faxes, and many different formats of color sstv. The program requires a minimum of a MacPlus and a hard disk. Requires a color Macintosh and System 7 for best results.
System 7

*** Logging ***
<Ham Radio Station Logbook>
HyperCard stack that stores and displays radio contact information. Automatically stamps entries with time and date. Contacts can be sorted by frequency, call sign, or date of contact. Includes report formats, a "Q-code" reference list, and on-line help. SanSoft, 892 E. Quail Place, Highlands Ranch, CO 80126. (The same program appears to be available from Heizer Software, 1941 Oak Park Blvd., Suite 30, Pleasant Hill, CA 94523.)

<FDLog!>
Contact logging and duping program. Can transmit any of ten programmable CW messages. Generates real-time statistics on QSO rates. System One Control, 3900 85th Ave N, Suite 200, Brooklyn Park, MN 55443.

<MacContest 3.5>
Allows real-time or post-contest logging of a wide variety of contests. Checks for dupes, figures scores instantly, and offers various printouts. Interfaces to TNCs for CW and RTTY contests, to DX packet clusters, to Kenwood transceivers, and to MacinTalk for easy post-contest entry. Gerald Eberle, HB9CEY, P.O. Box 13, CH-4417 Ziefen, Switzerland.

<LOGic>
(Macintosh version scheduled.) Lets you define the rules determining dupes (such as once per band or once per contest). Displays heading, distance, and other information about the country being worked. Automatically enters

contact time; if interfaced directly to a radio, also enters the frequency, band, and mode. Shows status toward earning amateur-radio awards. User-definable database fields. Exchanges data with other programs. Personal Database Applications, 2634 Meadow Bend Court, Duluth, GA 30136.

<HF Logger 1.2>
A real fine HyperCard logging program! (hey... thats all I got!) N0QGQ

<Simple Log .2b>
This little utility is a handy way to create a logging file that you can later import into any data base for analysis, etc. It also shows you that just about anyone can use Think C and create something on the Mac! Let me know if you'd like the source code. WD1V @ WA1WOK.NH.USA.NA Author is John Seney - WD1V, e-mail address is jseney@aol.com. For a copy of this program, mail a SASE disk mailer and 800K disk to: John D. Seney, WD1V, 144 Pepperidge Dr., Manchester, NH 03103
System 7

<Marathon>
Contesting/logging- Have seen references to (March 92 CQ magazine) and heard good things about MARATHON by N 0 IOS. I believe a demo was available for $8. Last address known is: Kevin Krueger, N0IOS, 1780 Ruth St., St.Paul, MN 551O9

*** Propagation, gray line, DX headings ***
<DX Map v1.1>
Displays a map of the world with the terminator. Gives location, prefixes, zone numbers, distance, and heading for any country you select. Freeware. Requires HyperCard 2.0. Available via anonymous FTP from joker.optics.rochester.edu (in the /ham/dxmap directory). Or send a formatted 800K Macintosh disk with a stamped, self-addressed disk mailer to Len Saaf, NV2Z, 52 Raleigh Street, Rochester, NY 14620 (Internet: saaf@joker.optics.rochester.edu).

<SatTrak>
Primarily a satellite tracking program, but also calculates beam headings, Maidenhead grid locations, MUF plots, and band openings. Shareware. Available via anonymous FTP from sumex-aim.stanford.edu (/info-mac/app). Or send a formatted 800K or 14.MB Macintosh disk with stamped, self-addressed disk mailer to Mike Pflueger, WD8KPZ, 6207 W. Beverly Lane, Glendale, AZ 85306.

<Sun Clock>
Desk accessory. Displays a color map of the world, including the terminator. Indicates current time for any location. MLT Software, Inc., P.O. Box 368, Portland, OR 97207.

<DX Window>
Draws a great-circle world map centered on your QTH, with day/night terminator indicated. Displays over 400 DX locations with prefixes and beam headings. Engineering Systems, Inc., P.O. Box 939, Vienna, VA 22183.

<Skycom 1.1>
Enter solar flux and get propagation predictions to desired areas

of the world. Engineering Systems, Inc., P.O. Box 939, Vienna, VA 22183.

<Skycom 1.5>
Provides sunlight status at both ends of a path; MUF, F0F2, and FOT frequencies; S/N ratio of the link; and other information. Engineering Systems, Inc., P.O. Box 939, Vienna, VA 22183.

<DX Helper v1.57B>
Displays beam heading, distance, gray line, and propagation information. Generates great-circle maps. Identifies prefixes, zones, and oblasts. Includes code practice. MacTrak Software, P.O. Box 1590, Port Orchard, WA 98336.

<Mac MiniMUF v5.1>
A greyline and propagation predictor based on the PC version of MiniMUF by K4CFV. It is available directly from him for the price of a formatted disk and SASE (disk mailer). His address in callbook or: Bob Stamper K4CFV, 12510 Shadowrun Blvd., Riverview, FL 33569

<Mac ShortWave v1.2>
A program called Mac Shortwave that figures MUF and LUF. BXA Research in Plano, Texas

*** Satellite tracking ***
<SatTrack v1.02>
Tracks one satellite across a world map as it moves, displays the instantaneous position of several satellites, or generates tables of all satellites visible from a certain location at a given time. Also calculates beam headings, Maidenhead grid locations, and MUFs. Shareware. Available via anonymous FTP from sumex-aim.stanford.edu (/info-mac/app). Or send a formatted 800K Macintosh disk with stamped, self-addressed disk mailer to Mike Pflueger, WD8KPZ, 6207 W. Beverly Lane, Glendale, AZ 85306.

<MacSat v3.1>
Tracks up to 21 satellites simultaneously, either in simulation or real-time mode. Text screen displays ground-track coordinates, range, mean anomaly, visibility (azimuth and elevation) and Doppler shift frequency information for all satellites being tracked. Graphical screen portrays the satellite ground tracks superimposed on a world map. Polar plot displays graphically the precise location of each visible satellite above the observer's horizon. Developed by the Geodetic Research Laboratory of the University of New Brunswick. Available from Richard B. Langley, R.R. 12, Fredericton, N.B. E3B 6H7, Canada (Internet: lang@unb.ca). A demo version of MacSat may be ftp'ed from directory PUB.CANSPACE on unbmvs1.csd.unb.ca.
System 7

<OrbiTrack> <OrbiTrackFPU v2.1.4>
Calculates look angles to selected satellites, plots current satellite positions on a world map, and displays the visible passage of a satellite against background stars (either within the program itself or via a data file that can be read into the Voyager astronomy program). Please note that one version requires an FPU to operate! BEK Developers, P.O. Box 47114, St.

Petersburg, FL 33743. (Bill Bard, CompuServe: 75366,2557) (Note: This replaces BEK's previous MacSat program, which was not related to the program of the same name from UNB.)

<QuikMac>
Macintosh version of N4HY's QuikTrak program. Requires Microsoft BASIC. AMSAT, P.O. Box 27, Washington, DC 20044.

<Satellite Orbit Prediction Program>
Macintosh conversion of W3IWI program. Requires Microsoft BASIC. Send formatted 800K Macintosh disk with stamped, self-addressed disk mailer to Earl Skelton, N3ES, 6311 29th Place NW, Washington, DC 20015. Or send self-addressed stamped envelope for source listing.

<Satellite Pro>
Uses world maps and tables to indicate rising and setting schedules, current locations, mutual visibility opportunities, and footprints. Includes Mercator, polar, and great-circle displays. Optional antenna control. MacTrak Software, P.O. Box 1590, Port Orchard, WA 98366.

<Macintosh Spacecraft Personal Orbit Computations (MacSPOC)>
Software used aboard the Space Shuttle and in Mission Control to track the Shuttle. Models engine burns, orbit perturbations, and the Shuttle's orientation. Free online data uploads during Shuttle missions.
Commercial v1.5 available from Daniel R. Adamo, 4203 Moonlight Shadow Ct., Houston, TX 77059; telephone 713-480-9631; AppleLink: D3176; America Online: AdamoD. Test drive v1.1 available on AppleLink (path "K-12 Education: Education Resources: Science Resources: MacSPOC: Space Shuttle Orbit Software"). Author is on AOL and can be reached as adamod@aol.com via the internet.

*** Antenna design ***
<MacMiniNEC>
Chris Smolinski, N3JLY, 40 South Lake Way, Reisterstown, MD 21136.

*** Radio control ***
<ICOM Radio Control>
Provides a Macintosh interface for controlling ICOM transceivers that use the CI-V remote-control system. Lets you quickly change frequencies and modes. Also does logging and duping. Requires a CI-V to RS-422 converter (schematic included with program).
KE6FG Software, 9763 Pali Avenue, Tujunga, CA 91042.

<FreqValet>
Provides frequencies and DX program info for shortwave radio listeners. The program databases update automatically at 15, 30, or 60 minute intervals, thus providing a continuous display of broadcasts on-the-air at any given time in a spreadsheet like format. Features include sorting of data, scanning, and on-screen changing of databases. The program will convert Tom Sundstrom's dBase shorwave broadcast listing to FreqValet format and will do the same for Shorwave Navigator users. Separate cards are

provided for DX Programs, Ship to Shore, and Utility broadcasts. Computer control modules are available at extra cost for the Drake R8, Kenwood R-5000, JRC NRD-525, and NRD-535 receivers.
DX Computing, 232 Squaw Creek Road, Willow Park, TX 76087. Telephone (817) 441-9188 or (817) 441-5555 (fax). Author is available via internet: dxcomp@aol.com System 7 with HyperCard 2.1

*** Ham radio BBSs ***
<Digikron Systems BBS>
Various ham-related applications, including logging, propagation, Morse code, and packet. (408) 253-1309.

<MacScience BBS>
Various ham-related applications, including antenna design, propagation, WEFAX, packet, and Morse code. (408) 866-4933.

<N8EMR BBS>
Various ham-related files, including packet, DXing, and contesting software; AMSAT bulletins; and several ham newsletters. (614) 895-2553. Also available via FTP on AMPRnet at 44.70.0.1.

<WB3FFV BBS>
Various ham-related software, including packet, contesting, and Morse code applications. (410) 661-2475, 661-2598, and 661-2648.

<ChowdaNet BBS>
(more info at a later date)

*** Online Services carrying Ham Radio software ***
<America Online>
Supports Macintosh, PC's DOS & Windows versions, PS/1, Apple //s, Casio Zoomer. Ham Radio Club (keyword = ham radio) supports all computer types. Software for amateur radio, scanners, swl'ers and general electronics. For 10 FREE hours of trial time send your snail mail address to tstader@aol.com or call 1-800-827-6364 Ext. 6285. This site NOT ftb'able (yet). Internet e-mail.

<CompuServe>
Supports any communications software on most computers Ham Radio area (go hamnet) supports all types of communications formats.
Call 1-800-848-8199 for information. This site NOT ftb'able. Internet e-mail.

<Delphi>
(more info at a later date) Internet e-mail

<GEnie>
(more info at a later date) Internet e-mail

<Prodigy>
Has ham radio message areas, no downloadable software. Limited internet e-mail.

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Misc. Internet FTP sites for
Amateur Radio Macintosh software

joker.optics.rochester.edu (/ham)
sumex-aim.stanford.edu (/info-mac/app)
mac.archive.umich.edu various locations
uxc.cso.uiuc.edu (/pub/ham-radio)
ucsd.edu (/hamradio) many different subdirectories
(/hamradio/packet/tcp/incoming) newest
files temp holding area
(/hamradio/packet/tcpip/pa2aga)
NET/Mac & IM/Mac area
ftp.apple.com (/pub/ham-radio)
akutaktak.andrew.cmu.edu (/aw0g)
softkiss-mac nic.switch.ch (/software/mac/ham-radio)
world.std.com (/pub/hamradio/mac)

If you know of any other sites, please e-mail me info so I may keep
this list as up to date as possible!

- Terry

Thanks for all of the notes and updates! Keep them coming. Did I
get all of the versions right?

==========
NOTE: Much of this work was done by Patty-N6BIS as she collected information
from many vendors. I would like to keep this list as up to date as possible.
Please feel free to drop me a note if you have any additional software to
this list.

DISCLAIMER: The software listed is not endorsed by Apple Computer,
Inc.(c) nor has it all been tested by the author/providers of this
information.

****
* Recompiled by Terry Stader - KA8SCP (tstader@aol.com) *
* Original list compiled by Patty Winter - N6BIS *
* New information last added 9/93 *
* some information not rechecked since early 1991. *
****

40. RS Freq. Counter: Freq. Coverage?

Newsgroup: rec.radio.scanner
Date: 1994-01-03 19:53:09 UTC
From: pwd@apple.com
Message-ID: <pwd-030194115309@thunder.apple.com>
Source record: 278096

Hi,

My apologies if this has been covered before:
Radio Shack sells a frequency counter for around $100. Does anyone know exactly which bands it will hit? Is it really 0-1.3GHz or so as one sales droid claimed? Does it register in the 800 MHz cellular band, or are there built-in censoring mechanisms to preclude that? Are there any known mods for it?

Any info would be greatly appreciated.

Thanks in advance,
-Patrick Penzias Dirks.

41. HELP! Sick BC100XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-03 19:55:34 UTC
From: rolson@faatcrl.faa.gov
Message-ID: <2g9t7mINNehd@faatcrl.faa.gov>
Source record: 278094

I read a few months ago about some problems with BC100XLT's
battery (I think). I have a 5+ year old scanner, with the
original battery pack.

Symptom #1 : After fully discharging (as much as I could, display
was blank, reception poor) battery, I plugged in the AC adaptor
overnight. Next morning, LO BATT still flashes. BTW: This unit
has seen a lot of use (and recharging!) Is the battery pack history?

Symptom #2 : Up until a few months ago, all keyboard functions worked.
Now, pressing 'SEARCH' causes "Error" to be displayed on the screen!!
Might this be related to Symptom #1? or do I have bigger problems?

Last question: Is it worth it to try and 'build' my own replacement
battery pack from some off the shelf nicads, wired together like the current pack, or just
try and order a new pack (From Uniden??)

Thanks in advance
Rick Olson
rolson@faatcrl.faa.gov

42. Re: Colorado freqs. wanted.

Newsgroup: rec.radio.scanner
Date: 1994-01-03 20:08:30 UTC
From: chris@tali.hsc.colorado.edu
Message-ID: <2g9tvuINN1m6@tali.hsc.colorado.edu>
Source record: 278095

In article <2fjep3$ms@maluku.jou.utexas.edu>,
Victor Menayang <victor@Maluku.Jou.UTexas.EDU> wrote:
-*>I'd be travelling in Colorado by the end of this year and
-*>would appreciate any interesting frequencies in the following
-*>areas: Boulder, Rocky Mountains Natl Park, Denver, and Aspen.
-*>If some of these freqs. are kept somewhere on the 'net I'd
-*>appreciate a hint or two to the sites.

Denver/Eastern Front Range/North Central CO Edition 9308 SCANlist 9311
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Updated 11/01/93 for Denver and the Eastern Front Range.

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The Metro Comm Center. Use of this on-line publication for monetary gain or
republication without permission of the Author(s) in part or whole is
prohibited.

Updates to this list and other frequency lists are available for download from
The King's Market BBS @ 665-6091, Electronic Library @ 935-6323, Hefty's
Mountain Village @ 427-8002 and The Fire Board @ 657-0273.

Use of this information in the commission of a crime is prohibited and
prosecutable by Local, State & Federal Laws. I do not assume responsibility for
misuse of this information.

Due to the nature of Public Safety Communications frequencies and use are
constantly changing therefore I do not assume responsibility for changes,
incorrect information and omissions. Use of this list is to enhance one's
use of a scanner or similar type receiver.

At the time of release of this file there are no known mobile scanning laws
within the state of Colorado. However due to 'home rule' jurisdiction allowed
by the state it would be wise to check on local regulation in your area.

I do not encourage anyone to "Chase" calls as you are asking for trouble with
law enforcement officials and they will not hesitate to prosecute.

KEY INDEXES AND DEFINITIONS

F-# Short for channel . i.e F-1 is the same as channel 1.
###.#### S Indicates non-repeater use. Both base and mobile stations
use the same Frequency Commonly referred to as "Simplex"
PD Police Department

FD Fire Department
FPD Fire Protection District
LG Local Government. i.e. Public Works, Animal Control etc...
R-# Repeater Frequency sequence for trunked G.E. systems
M-# Mobile transmit frequencies for trunked G.E. systems for
"Input Scanning"
IFB Interruptable Feed Back. TV audio feed for reporters.

Notes for November:

THORNTON FIRE

Thornton Fire is now dispatched on 460.550 AdCom Fire F-2. Fireground operations are now conducted on 460.600.

AURORA

Latest word is Aurora making the switch to 800 MHz during the 1st Quarter of 1994. All their Police vehicles now have the elevated feed 800 antennas which will be used for the new radios.

WELD COUNTY

The City of Greeley took over the Weld County Communications Center in Mid October. There has been no change in the PD/FD channel usage assignments so far. Testing of MDT's to incorporate the City police CAD/MDT system for use by the Sheriff's Department is underway. Sheriff's Department officers have made some very negative over the air comments about the MDT's so far. Due to the terrain within the county the data communications are on 800 MHz and there are null areas all over the place. I predict that the costs involved to encompass the county will be too high and the idea will be dropped.

ADAMS COUNTY
[POLICE]
F-1 460.075 S.O. Dispatch
F-2 460.225 Commerce City Police Dispatch
F-3 460.125 Clearances and information.
F-4 460.500 Northglenn/Brighton Police Dispatch
F-5 460.175 S.O. Car to Car
F-6 453.625 Brighton/Commerce City/Northglenn/Thornton Car to Car
F-7 460.275 Thornton Police Dispatch
453.300 County Jail/Justice center
460.425 S CLEER
[FIRE]
F-1 460.525 South Adams/Brighton Dispatch
F-2 460.550 West Adams/Northglenn/Broomfield/Thornton Dispatch
F-3 460.575 North Washington/Southwest Adams Dispatch
460.600 Thornton Fireground
154.250 S Bennett Dispatch

453.875 S W. Adams Fireground
458.875 S W. Adams Fireground
[LOCAL GOVERNMENT]
45.480 S Street Maintenance
45.640 S Animal Control
[SCHOOLS]
155.265 S School Dist 12 Buses

AIR-LIFE DENVER METRO

123.075 S Dispatch

AIR-LIFE 911 WELD/LARIMER COUNTY

155.400 S Dispatch [Weld County]

AMERICAN RED CROSS

47.420 S Nationwide Operations Channel [Nationwide]
47.460 S Denver Metro Operations Dispatch

AMR AMBULANCE

[WESTMINSTER MULTI-AGENCY TRUNKED 800 G.E. SYSTEM]
Sequence # Repeater Input
R-1 866.0625 821.0625
R-2 866.7625 821.7625
R-3 867.0625 822.0625
R-4 867.3250 822.3250
R-5 868.9250 823.9250
R-6 866.3125 821.3125
R-7 867.1625 822.1625
R-8 867.8875 822.8875
R-9 868.3500 823.3500
R-10 868.6500 823.6500
[VHF/UHF]
155.220 S Dispatch
155.205 S Dispatch
851.2375 East Metro Dispatch
855.2625 West Metro Dispatch
464.750 Ambulatory patient transports
464.475 Ambulatory patient transports
463.450 Ambulatory patient transports

ARAPAHOE COUNTY
[POLICE]
F-1 155.670 Dispatch
F-2 155.415 Clearances & Information.
F-3 155.055 Car to Car/Tactical
F-4 154.025 S Cherry Hills Car to Car.
F-5 155.805 Tactical
460.175 Adams County Link [Eastern County area]
155.595 District Attorney [Phone Patch]

155.475 S NLENC
460.425 S CLEER
[COURTS/JAIL FACILITIES]
856.3125 Jail/Court Security
857.3125 Jail/Court Security
858.3125 Jail/Court Security
859.3125 Jail/Court Security
860.3125 East Jail Facility
[LOCAL GOVERNMENT]
151.235 S. Suburban Parks & Rec District
155.805 Animal Control/Water.
156.045 County street maintenance.
159.450 Parks

ARVADA
[POLICE/LOCAL GOVERNMENT. WESTMINSTER MULTI-AGENCY TRUNKED 800 G.E. SYSTEM]
Sequence # Repeater Input
R-1 866.0625 821.0625
R-2 866.7625 821.7625
R-3 867.0625 822.0625
R-4 867.3250 822.3250
R-5 868.9250 823.9250
R-6 866.3125 821.3125
R-7 867.1625 822.1625
R-8 867.8875 822.8875
R-9 868.3500 823.3500
R-10 868.6500 823.6500

TALK GROUP I.D.'s
Channel 1 Dispatch
Channel 2 Clearances
Channel 3 Undefined
Channel 4 Car to Car
Channel 5 Undefined
Channel 6 Tactical Use
SIU Investigators
ICALL Dispatch to Indivual Car
[FIRE]
F-1 453.150 Main.
F-2 453.550 Fireground/Admin.
154.280 S FERN

AURORA
[POLICE-CAD/MDT DISPATCHED]
F-1 453.325 North Dispatch
F-2 453.425 South Dispatch
F-3 453.725 Car to Car
F-4 453.800 Clearances
154.100 Paging and Civil Defense/E.O.C.
460.425 CLEER
856.7625 CAD/MDT F-1

856.9375 CAD/MDT F-2
[FIRE-CAD/MDT DISPATCHED]
F-1 154.400 Main.
F-3 154.355 S Firescene/Car to Car.
F-4 154.280 S FERN
F-5 154.295 S
155.340 S HEAR
[SCHOOLS]
F-1 464.775 Buses
F-2 464.975 Maintenance and Security
[LOCAL GOVERNMENT TRUNKED 800 MOTOROLA SYSTEM]
R-1 860.9875 R-10 858.9625
R-2 860.9625 R-11 858.9375
R-3 860.9375 R-12 858.7625
R-4 860.7625 R-13 857.9875
R-5 859.9875 R-14 857.9625
R-6 859.9625 R-15 857.9375
R-7 859.9375 R-16 857.7625
R-8 859.7625 R-17 856.9875
R-9 858.9875 R-18 856.9625

BENNETT
[FIRE]
F-1 154.250 S Dispatch [Adams County]

BERTHOUD
[POLICE]
F-1 155.130 Dispatch [Larimer County]
F-2 155.565 S Clearances [Larimer County]
155.100 S Tactical
[FIRE]
153.965 S Dispatch

BOULDER CITY AND COUNTY
[POLICE]
155.145 GREEN S.O. & City Primary Dispatch
155.520 S VIOLET Clearances all agencies
155.655 YELLOW Car to Car all agencies
156.135 BLUE CITY POLICE Secondary/Overload Dispatch
155.490 S BRONZE Detectives/Car to Car
158.775 GREY Paging
155.025 GOLD C.U. Parking
155.190 SILVER C.U. Police
155.010 S BLACK
465.3125 County Jail
155.475 S NLENC
460.425 CLEER
[FIRE]
154.325 S Red 1 Dispatch 1
154.205 S Red 2 Dispatch 2
154.415 S Red 3 Fireground

153.830 S Red 4 Fireground
153.890 S Boulder Rural Fire
155.205 S Rescue
154.280 S FERN
[AMBULANCE]
155.280 S A-1 Ambulance
[LOCAL GOVERNMENT]
ORG. 153.860 S City Street Maintenance
WHT. 154.980 S Animal Control.
BRN. 156.180 S County Street Maintenance

BRIGHTON
[POLICE]
F-4 460.500 Dispatch [Adams County]
F-3 460.125 Clearances [Adams County]
F-6 453.625 Car to Car /Tactical [Adams County]
[FIRE]
F-1 460.525 Dispatch [Adams County]
[LOCAL GOVERNMENT]
45.600 S City Services.

BROOMFIELD
[POLICE]
F-1 453.050 Main.
F-2 453.525 Information
460.425 CLEER
[FIRE]
F-2 460.550 Dispatch [Adams County]
[LOCAL GOVERNMENT]
45.140 Public Works
45.360 S City ops.

BRUSH
[FIRE]
155.940 S Dispatch

CASTLE ROCK
[POLICE]
F-1 155.685 Dispatch
[FIRE]
F-1 154.175 Dispatch
155.115 S Douglas County fire Net
155.205 S AMR Ambulance
[LOCAL GOVERNMENT]
453.875

CASTLEWOOD FPD
[FIRE]
F-1 154.340 Dispatch [South Metro]
F-2 154.235 S Fireground

CENTRAL CITY
[POLICE/FIRE]
F-1 153.845 [Gilpin County]
F-2 154.860 [Gilpin County]
155.160 S Rescue
[LOCAL GOVERNMENT]
155.895 S City Services

CHEYENNE WYOMING
[POLICE]
F-1 154.800 Dispatch
F-2 155.610 TAC
154.875 STATE INTERSYSTEM
[FIRE]
154.400 Dispatch

CHERRY HILLS
[POLICE]
F-1 155.670 Dispatch [Arapahoe County]
F-2 155.415 Clearances [Arapahoe County]
F-3 155.055 Tactical [Arapahoe County]
F-4 154.025 S Tactical Use
[FIRE]
F-1 154.340 Dispatch [South Metro]
F-9 154.310 Tactical [South Metro]

CLEAR CREEK COUNTY
[POLICE/FIRE]
BLUE 155.610 S.O. Dispatch
GREEN 155.025 Fire /Secondary S.O. Dispatch
155.100 S
[LOCAL GOVERNMENT]
155.745 County Services

COLORADO SPRINGS
[POLICE]
F-1 453.750 East Dispatch
F-2 453.850 West Dispatch
F-3 453.550 North Dispatch
F-4 453.475 Clearances/Tactical
F-5 453.300 Tactical/Detectives
[FIRE]
F-1 460.625 Dispatch
F-2 460.525 Fireground
F-3 460.575 Administration
[LOCAL GOVERNMENT]
158.835 Springs Power and Light
158.895 Digital Data
453.150 City Buses
453.500 Airport Ops
453.975 Pikes Peak Ops

COLORADO STATE OF
[POLICE]
45.200 S STATEWIDE E.O.C. DISASTER NET
154.665 S CSP JEFFERSON/GILPIN/CLEAR CREEK Dispatch
154.665 S CSP LAS ANIMAS/HUERFANO Dispatch
154.680 S CSP DENVER METRO TAC
154.680 S CSP DELORES/SAN JUAN/MONTEZUMA/LA PLATA/ARCHULETTA Dispatch
154.695 CSP LOGAN/SEDGWICK/PHILLIPS Dispatch
154.695 S CSP Dist 4 Areas TAC
154.695 CSP SAGUACHE/MINERAL/RIO GRANDE/ALAMOSA Dispatch
154.695 CSP CONEJOS/COSTILLA Dispatch
154.695 S CSP DENVER METRO TAC
154.740 S CSP BOULDER Dispatch
154.755 S CSP CHEYENNE/KIT CARSON Dispatch
154.755 CSP MONTROSE/SAN MIGUEL/OURAY Dispatch
154.755 CSP JACKSON/GRAND Dispatch
154.755 S State Capital Police.
154.770 S CSP PUEBLO/CUSTER/FREMONT/CHAFFEE Dispatch
154.770 S CSP Dist 3 Areas TAC
154.830 CSP WESTERN ARAPAHOE/DOUGLAS/WESTERN ELBERT Dispatch
154.830 CSP MOFFAT/ROUTT/WEST CENTRAL & N.E. Rio Blanco Dispatch
154.845 S CSP Dist 5 Areas TAC
154.905 S CHANNEL 3 STATEWIDE NET
154.920 S CSP WESTERN ADAMS Dispatch
154.935 S CSP WELD/LARIMER Dispatch
154.935 s CSP District 2 areas TAC
155.190 State Universities Police Denver, Boulder
155.310 S Institutions. FT. Logan & State Correctional Facilities
155.445 CSP SUMMIT/PARK Dispatch
155.460 C.B.I.
155.475 S NLENC
155.505 S CSP District 6A TAC
155.550 CSP E. ADAMS/E. ARAPAHOE/CENTRAL & EASTERN ELBERT Dispatch
155.565 S CSP GARFIELD/MESA Dispatch
155.580 CSP MORGAN/WASHINGTON/YUMA Dispatch
155.700 CSP DELTA/GUNNISON/HINSDALE/ WEST & N.W. SAGUACHE Dispatch
155.730 S CSP CENTRAL TO S.E. RIO BLANCE/EAGLE/LAKE/PITKIN Dispatch
156.090 S CSP KIOWA/BENT/BACA/CROWLEY/OTERO Dispatch
156.210 CSP EL PASO/TELLER Dispatch
460.425 CLEER
866.0125 I-CALL Statewide interagency calling channel
866.5125 I-TAC 1 Statewide interagency Tactical channel 1
[TRUNKED 800 G.E. SYSTEM DENVER]
Sequence # Repeater Input
R-1 866.4875 M-1 821.4875
R-2 867.4875 M-2 822.4875
R-3 868.4875 M-3 823.4875
R-4 866.9875 M-4 821.9875
R-5 867.9875 M-5 822.9875
[DEPARMENT OF TRANSPORTATION]
151.070 Denver Metro, Douglas, Elbert.

151.085 Denver Metro, Eisenhower Tunnel.
151.265 Colo Springs, Pueblo, Other areas
159.045 Weld,Larimer,Morgan,Boulder
854.3125 Denver Metro, Highway Paving and Construction Crews
[LOCAL GOVERNMENT]
45.240 S State Forests.
45.280 S State Forests.
453.200 State Universities maintenance
[UNIVERSITIES]
155.025 CU Boulder Parking Enforcement
155.190 CU Boulder Police
453.200 UNC Greeley Police/CU Boulder Ops and Paging
453.400 CSU Fort Collins Operations
460.050 CSU Fort Collins Police
854.9625 University Hospital Denver Police.
[University of Colorado at Denver trunked 800 Motorola system]
T-1 868.4625
T-2 867.9625
T-3 867.4625
T-4 866.9625
T-5 866.4625
[STATE PARKS & WILDLIFE]
F-1 151.145 Western Slope
F-2 151.175 Southern Colorado
F-3 151.190 N.E. Colorado [Denver Division]
T-1 151.280 Also Cherry Creek State Park
T-3 151.370 Also Chatfield State Park
T-4 151.430 Golden Gate State Park

COMMERCE CITY
[POLICE]
F-2 460.225 Dispatch [Adams County]
F-3 460.125 Clearances [Adams County]
F-6 453.625 Car to Car/Tac [Adams County]
[FIRE]
F-1 460.525 [Adams County]
F-2 460.550 [Adams County]
F-3 460.575 [Adams County]
[LOCAL GOVERNMENT]
45.720 S Street Dept
45.440 S Public Works

CUNNINGHAM F.P.D.
[FIRE]
F-1 154.340 Dispatch [South Metro]
F-9 154.310 Tactical [South Metro]

DACONO
[POLICE]
F-2 460.200 Dispatch [Weld County]
F-1 460.400 Clearances [Weld County]

460.325 S Tactical "City Channel"
[FIRE]
F-1 154.325 S Dispatch [Boulder County]
F-2 154.355 S Fireground

DENVER CITY AND COUNTY
[POLICE/FIRE TRUNKED 800 G.E. SYSTEM]

Sequence # Repeater Input
R-1 854.9875 809.9875
R-2 855.4875 810.4875
R-3 855.9875 810.9875
R-4 856.4875 811.4875
R-5 857.2375 812.2375
R-6 857.7375 812.7375
R-7 858.4875 813.4875
R-8 859.2375 814.2375
R-9 859.7375 814.7375
R-10 860.4875 815.4875
R-11 855.2375 810.2375
R-12 855.7375 810.7375
R-13 856.2375 811.2375
R-14 856.7375 811.7375
R-15 857.4875 812.4875
R-16 858.2375 813.2375
R-17 858.7375 813.7375
R-18 859.4875 814.4875
R-19 860.2375 815.2375
R-20 860.7375 815.7375

TALK GROUP I.D.'s:
DISPATCH 1 Dist 1 Northwest Dispatch
TAC 1 [Sub Group] Dist 1 Tactical
CARTOCAR 1 [Sub Group] Dist 1 Car to Car
DISPATCH 2 Dist 2 North Central Dispatch
TAC 2 [Sub Group] Dist 2 Tactical
CARTOCAR 2 [Sub Group] Dist 2 Car to Car
DISPATCH 3 Dist 3 Southeast Dispatch
TAC 3 [Sub Group] Dist 3 Tactical
CARTOCAR 3 [Sub Group] Dist 3 Car to Car
DISPATCH 4 Dist 4 Southwest
TAC 4 [Sub Group] Dist 4 Tactical
CARTOCAR 4 [Sub Group] Dist 4 Car to Car
DISPATCH 5 Dist 5 Northeast
TAC 5 [Sub Group] Dist 5 Tactical
CARTOCAR 5 [Sub Group] Dist 5 Car to Car
DISPATCH 6 MULTIPLE USE
CITYWIDE [Sub Group] Car to Car all Districts
CLEARANCE1 All Districts Clearances
CLEARANCE2 All Districts Clearances
FIRE 1 Fire Dispatch

FIRE 2 Fireground
FIRE 3 Fireground
RADIO TO
RADIO Fireground Simplex
DA 1-? District Attorney operations
JAIL 1-? Denver County Jail
NARC 1-4 Intel Bureau
VICE 1-? Vice bureau
CTF 1-? Classified Use
CAR Car to Car simplex
ICALL [Sub Group ALL] Dispatch to Individual car or
Individual car to car [Selective calling]
METROWIDE ALL GROUP SIMULCAST Usually Emergency

[FIRE VHF]
154.070 Paging
154.280 S FERN Intersystem
155.955 Civil Defense Siren System
[AMBULANCE VHF]
155.340 S HEAR Intersystem
[LOCAL GOVERNMENT]
48.500 S Multiple Use
153.815 S Multiple Use
453.175 Denver General Paging
453.675 Paging

[PUBLIC WORKS TRUNKED 800 G.E. SYSTEM]
Sequence # Repeater Input
R-1 858.4625 813.4625
R-2 859.2125 814.2125
R-3 859.4625 814.4625
R-4 860.2125 815.2125
R-5 860.4625 815.4625
R-6 855.4625 810.4625
R-7 856.2125 811.2125
R-8 856.7125 811.7125
R-9 857.4625 812.4625
R-10 858.2125 813.2125
R-11 858.7125 813.7125
R-12 859.2625 814.2625
R-13 859.7125 814.7125
R-14 860.2625 815.2625
R-15 860.7125 815.7125

[STAPLETON AIRPORT NON-TRUNKED]
856.4375 Stapleton Ch 1 Tower/Fire/Administration/Crash Investigators
857.4375 Stapleton Ch 2 Runway Maintenance & Snow Removal.
858.4375 Stapleton Ch 3 Building Maintenance.
859.4375 Stapleton Ch 4 Technical/Operational Support.
860.4375 Stapleton Ch 5 Police/Ambulance transport/Emergency Ops.

[DENVER INTERNATIONAL AIRPORT TRUNKED 800 G.E. SYSTEM]
Sequence # Repeater Input
R-1 855.2125 810.2125
R-2 855.7125 810.7125
R-3 856.4625 811.4625
R-4 857.2125 812.2125
R-5 857.7125 812.7125

DOUGLAS COUNTY
[POLICE]
F-1 154.785 Dispatch
F-2 151.385 Car to Car /Tac
F-3 154.965 S
[FIRE]
155.115 S County Fire Net.
155.160 S Rescue
155.205 S Ambulances
[LOCAL GOVERNMENT]
156.165 S County Ops

EATON
[POLICE]
F-2 460.200 Dispatch [Weld County]
F-1 460.400 Clearances [Weld County]
F-4 460.025 Clearances [Weld County]
453.725 S Tactical/Car to Car ["City Channel"]
[FIRE]
154.145 S Dispatch [Weld County]

EDGEWATER
[POLICE]
F-1 155.250 Dispatch [Jefferson County]
F-2 155.370 Tactical [Jefferson County]
F-3 155.430 S Clearances [Jefferson County]
154.995 S Administration
[FIRE]
154.445 S Dispatch

ELBERT COUNTY
[POLICE]
F-1 151.100 Dispatch
[FIRE]
153.995 S Dispatch
[LOCAL]
151.055 Road maintenance

ELIZABETH
[FIRE]
154.205 S Dispatch

ELK CREEK
[FIRE]
F-1 45.080 S Dispatch [Jefferson County]

46.160 S Fireground

EL PASO COUNTY
[POLICE]
F-1 155.610 Dispatch
F-2 154.860 S Clearances
F-3 154.725 S Car to Car
453.400 Phone Patch
460.200 Administration
460.425 CLEER
[FIRE]
154.235 S Black Forest F.P.D.
154.325 Primary County Dispatch
154.430 S Cascade F.P.D.
154.445 S
[LOCAL GOVERNMENT]
154.055 S Code Enforcement/Animal Control
453.725 El Paso Community College Maintenance

ENGLEWOOD
[POLICE]
F-1 155.730 Dispatch
F-3 154.875 Information
460.425 CLEER
[FIRE]
154.160 Dispatch
154.340 South Metro Dispatch
154.280 S FERN
[LOCAL GOVERNMENT]
153.800 City utilities

ERIE
[FIRE]
F-1 154.325 S Dispatch [Boulder County]
F-2 154.355 S Fireground [Mountain View]
154.280 S FERN

ESTES PARK
[POLICE]
155.910 Dispatch
[FIRE]
159.405 S Dispatch
[UTILITY]
153.440 S Public Service Company

EVANS
[POLICE]
F-2 460.200 Dispatch [Weld County]
F-4 460.025 Clearances [Weld County]
453.300 Greeley PD
154.055 S Police "city channel"/Local Gov't

EVERGREEN
[FIRE]
453.950 Dispatch
45.520 Simulcast of 453.950
[UTILITY]
153.680 S Public Service Company

FAIRMOUNT F.P.D.
[FIRE]
154.385 S Dispatch

FEDERAL HEIGHTS
[POLICE/FIRE]
BLU. 453.575 Dispatch
YEL. 453.750 Tactical
460.425 CLEER

FLIGHT FOR LIFE - ST. ANTHONY'S DISPATCH
[Note: Chopper has access to all VHF/UHF land mobile frequencies.]
123.050 S Dispatch Central - MAIN CHANNEL
154.280 S FERN
155.340 S HEAR
460.425 S CLEER

FORT COLLINS
[POLICE -CAD/MDT Dispatched]
F-A 460.300 Dispatch
F-B 460.350 Clearances/Car to Car
F-C 453.600 TAC
460.425 CLEER
855.9625 CAD/MDT Data Channel
[FIRE]
F-1 460.625 Poudre Valley Fire Authority TAC
F-2 460.600 Poudre Valley Fire Authority DISPATCH
[LOCAL GOVERNMENT]
158.760
453.925
[TRANSPORTATION]
453.750 Buses

FORT LUPTON
[POLICE]
F-1 159.255 S Dispatch
F-2 155.880 S Tactical
[FIRE]
154.235 S Dispatch
[LOCAL GOVERNMENT]
155.880 s Public works [Shared with Police]

FRANKTOWN F.P.D.
[FIRE]
F-1 155.115 S Dispatch [Douglas County]
151.205 S

FREDERICK F.P.D.
[FIRE]
F-1 153.785 S Dispatch [Weld County]
F-2 154.130 S Fireground

GENESEE F.P.D.
[FIRE]
F-1 45.080 S Dispatch [Jefferson County]
F-2 45.200 S Tactical [jefferson County]
46.100 S Fireground

GEORGETOWN
[FIRE]
154.355 S
155.100 S Primary [Also Clear Creek Co Fire Net]

GILPIN COUNTY
[POLICE/FIRE]
F-1 153.845 Dispatch
F-2 154.860
155.160 S [Rescue]
154.280 S FERN
155.475 S NLENC
[LOCAL GOVERNMENT]
159.180 S Road Maintenance

GLENDALE
[POLICE]
460.350 Dispatch
460.425 S CLEER
[FIRE]
453.250 Dispatch

GOLDEN
[POLICE]
F-1 155.910 Dispatch
159.465
155.475 S NLENC
460.425 CLEER
[FIRE]
155.835 Dispatch
154.280 S FERN

GREELEY
[POLICE-CAD/MDT DISPATCHED]
F-1 453.300 Dispatch
F-2 453.550 Clearances/Tac
F-3 453.875 Tactical [Nights]
460.425 CLEER
866.0375 CAD/MDT Data
866.1375 CAD/MDT Data
[FIRE]
453.150 Dispatch

[LOCAL GOVERNMENT]
153.935 S Airport Authority
453.875 Public works
[TRANSPORTATION]
453.750 Buses.

GREENWOOD VILLAGE
[POLICE]
F-1 155.010 Main
453.650 TAC
460.425 CLEER
[LOCAL GOVERNMENT]
453.650 Street maintenance

HIGHLANDS RANCH METRO DIST
[LOCAL GOVERNMENT]
156.060 Water District

HUDSON
[FIRE]
154.250 S Fireground

HYLAND HILLS METRO DISTRICT
[LOCAL GOVERNMENT]
453.750 S Operations

IDAHO SPRINGS
[LOCAL GOVERNMENT]
155.100 S

IDLEDALE F.P.D.
[FIRE]
46.080 S Fireground

INDIAN HILLS F.P.D.
[FIRE]
45.320 S Fireground
153.935 Mobile Extenders & repeater link to 45.080
453.2875 Fireground

INTERCANYON F.P.D.
[FIRE]
453.0125S Fireground

JEFFERSON COUNTY
[POLICE]
F-1 155.250 Main
F-2 155.370 Car to Car/Tactical
F-3 155.430 S Information/Clearances
155.475 S NLENC
154.280 S FERN
151.040 Paging
453.850 Jail

460.025 S Administration/Detectives/District Attorney.
460.425 CLEER
[FIRE]
F-1 45.080 S Main
F-2 45.200 S Firescene Alternate. [Also State EOC]
154.280 S FERN
[LOCAL GOVERNMENT]
156.000 Parks/Animal Control/Senior Resource Center.
156.240 County Road Maintenance.

LAFEYETTE
[POLICE]
F-1 155.145 GREEN Dispatch [Boulder County]
155.655 Yellow Tactical [Boulder County]
[FIRE]
F-1 154.325 S RED-1 Dispatch [Boulder County]

LAKESIDE
[POLICE]
453.750 Park Operations/Phone Patch

LAKEWOOD
[POLICE]
F-1 460.050 North Dispatch
F-2 460.150 South Dispatch
F-3 460.325 Car to Car/VASCAR/Civil Defense Siren System
F-4 460.475 Clearances
460.425 CLEER
[LOCAL GOVERNMENT]
453.925 Public Works

LAKEWOOD/BANCROFT FIRE AUTHORITY
[FIRE]
F-1 154.130 Dispatch
F-2 154.190 Administration
F-3 154.220 Dispatch
F-4 154.250 S Fireground

LARIMER COUNTY
[POLICE]
F-1 155.130 Main
F-3 155.565 Car to Car/Clearances
155.475 NLENC
460.425 CLEER
[FIRE]
154.385 S County Fire net.
154.280 S FERN
[AMBULANCE]
155.340 S Future Use
155.385 S Rescue
[LOCAL GOVERNMENT]
45.120 Road Maintenance

154.115 S Parks
159.105 Paging

LITTLETON
[POLICE]
F-1 460.100 Dispatch
F-2 460.300 Clearances
460.425 CLEER
[FIRE]
F-1 154.340 Dispatch [South Metro]
[LOCAL GOVERNMENT]
158.820 S City services.

LONGMONT
[POLICE]
F-1 156.210 Dispatch
F-2 154.815 S Car To Car
155.475 S NLENC
460.425 CLEER
[FIRE]
154.175 Dispatch
[AMBULANCE]
155.280 S A-1 Dispatch
[LOCAL GOVERNMENT]
158.895 S City utilities
158.865 S
158.190 S Power
[SCHOOLS]
46.000 S St. Vrain Dist 1J

LOUISVILLE
[POLICE]
F-1 155.145 GREEN Dispatch [Boulder County]
155.655 YELLOW Tactical [Boulder County]
[FIRE]
F-1 154.325 S RED-1 Dispatch [Boulder County]
[LOCAL GOVERNMENT]
154.055 S

LOVELAND
[POLICE]
F-1 156.750 Main
F-3 154.860 S Information
155.475 S NLENC
[FIRE]
F-1 154.010 S City Fire
F-2 154.445 S Rural Fire
154.280 S FERN
155.325 S Ambulance
[LOCAL GOVERNMENT]
158.745 Public works

[SCHOOLS]
45.920 S Thompson Dist 2J Buses

MEAD
[FIRE]
F-1 154.325 S RED-1 Dispatch [Boulder County]
F-2 154.355 S Fireground [Mountain View]

METRO INTERSYSTEMS

154.280 S FERN [Fire Emergency Radio Network]
154.295 S FERN 3 [Fire Emergency Radio Network channel 3]
155.340 S HEAR [Hospital Emergency Ambulance Radio]
155.475 S NLENC [National Law Enforcement Emergency Network Channel]
460.425 S CLEER [Colorado Law Enforcement Emergency Radio]
866.0125 CALL [Statewide Public Safety Calling Channel]
866.5125 TAC1 [Statewide Agency to Agency tactical channel 1]
867.0125 TAC2 [Future statewide Agency to Agency tactical channel 2]
867.5125 TAC3 [Future statewide Agency to Agency tactical channel 3]
868.0125 TAC4 [Future statewide Agency to Agency tactical channel 4]

MORGAN COUNTY
[POLICE]
F-1 155.010 Dispatch
F-2 151.010 Clearances
F-3 156.075 Tac
[FIRE]
158.820 Dispatch
[LOCAL GOVERNMENT]
151.325 Multiple Use
156.075 Multiple Use

MORRISON
[POLICE/FIRE]
F-1 155.250 Dispatch [Jefferson County]
F-2 155.370 Tatcical [Jefferson County]
F-3 155.430 Clearances [Jefferson County]
[LOCAL GOVERNMENT]
155.040 S

MOUNTAIN VIEW FPD
[FIRE]
F-1 154.325 S RED-1 [Dispatched By Boulder]
F-2 154.355 S TAC/Fireground and Admin Use
F-3 153.785 S Weld County Fire "A" mutual aid use

NATIONWIDE INTERSYSTEMS
154.280 S Fire
155.475 S Police

NATIONAL 800 MHZ INTERSYSTEM
866.0125 CALLING
866.5125 Tac-1

867.0125 Tac-2
867.5125 Tac-3
868.0125 Tac-4

NEWS MEDIA
153.110 KBCO [Remote Use.]
161.640 KHOW [Remote Use.]
161.670 KNUS [Pre-Delay/STL Backup use]
161.700 KWGN [Engineering]
161.730 KOA [Remote Use.]
161.760 KOA [Remote Use.]
166.250 KYGO/KWMX [Traffic report primary]
450.010 KHOW [Telemetry]
450.020 KHOW [Telemetry]
450.0375 KBCO [Engineering]
450.0500 KHOW [Traffic Reports]
450.1125 KCNC F-1 [Technical. Occasional.]
450.1375 KCNC F-3 [Technical.]
450.1500 KCNC [Ft. Collins Bureau]
450.1500 KTRR/KGLL [Ft. Collins Remote Broadcast Downlink]
450.1625 KCNC F-5 [Reporters.]
450.1875 KOA-EBS [EBS NET]
450.2125 KUSA [Occasional]
450.2375 KYGO F-A [Reporters.]
450.2625 KBCO [Engineering]
450.2875 KOA F-1 [Reporters.]
450.3375 KWGN [Reporters Boulder]
450.3625 KWMX F-C [Traffic Report Backup]
450.3875 KYBG/KQKS [Occasional]
450.4125 KUSA F-2 [Boulder County Bureau.]
450.4375 KMGH [IFB]
450.4625 KCNC F-7 [Occasional Use]
450.4875 KYGO F-B [Alternate.]
450.5125 KMGH F-1 [Reporters.]
450.5375 KWGN [Reporters]
450.5625 KZDG [Traffic Reports SIMPLEX]
450.5875 KMGH F-2 [Technical.]
450.6125 KUSA F-1 [Denver Bureau.]
450.6500 KAZY [Remote Downlink]
450.6750 NBC [Mile High Stadium IFB]
450.6875 METRO [Traffic reporter coordination]
450.7000 KKMG [Remote Broadcast Uplink]
450.7125 KBPI [Remote Use]
450.7500 KMJI [IFB]
450.8000 KIIX/KYGO [Colorado State Sports Network Downlink]
450.8125 CBFCC [Colorado broadcast Freq Coordination Committee]
450.8250 NBC [Mile High Stadium Engineering]
450.8500 KUAD [Occasional]
450.9000 KUAD [Remote Uplink]
455.1500 KTRR [Remote Uplink]

455.6500 KAZY [Remote Uplink]
455.7500 KMJI [Remote Uplink]
455.8000 KYGO [Remote Uplink]
455.9000 KYGO [Remote Uplink]
455.9500 KQKS [Remote Uplink]
944.1250 KDKO [WFM. STL]
944.5000 KUVO [WFM. STL]
944.5000 KYGO-FM [WFM. STL North]
944.8750 KHOW-AM [WFM. Relay to Transmitter]
945.1125 KHOW-AM [WFM. Relay to Transmitter]
945.5000 KCFR [WFM. STL]
946.0000 KYGO-AM [WFM. Relay to Transmitter]
946.5000 KMJI [WFM. STL]
946.6375 KZDG [WFM. STL]
946.8750 KXKL [WFM. STL]
947.0000 KXKl [WFM. STL]
947.5000 KBPI [WFM. STL]
948.0000 KYGO-AM [WFM. Studio to Relay]
948.5000 KOA [WFM. Lookout Mtn to Parker]
949.5000 KHOW-FM [WFM. STL]
950.0000 KYGO-FM [WFM. STL]
950.5000 KOA [WFM. Studio to Lookout Mtn]
950.8750 KUNC [WFM. STL]
951.0000 KRFX [WFM. STL]
951.1250 KUNC [WFM. STL]

NORTH ELBERT COUNTY V.F.D.
[FIRE]
153.995 S Dispatch

NORTHGLENN
[POLICE]
F-4 460.500 Dispatch [Adams County]
F-3 460.125 Clearances [Adams County]
F-6 453.625 Car to Car [Adams County]
[FIRE]
F-2 460.550 Dispatch [Adams County]
[LOCAL GOVERNMENT]
453.275 Public Works

PARK COUNTY
[POLICE/FIRE]
F-1 154.085 Dispatch
F-2 155.160 Car to Car/Search & Rescue
151.025 Occasional

PARKER
[POLICE]
158.745 Dispatch
[FIRE]
F-1 154.340 Dispatch [South Metro]

154.145 S Fireground
154.445 S Fireground
[LOCAL GOVERNMENT]
856.2625
857.2625
858.2625

PLATTEVILLE
[POLICE]
F-2 460.200 Dispatch [Weld County]
F-1 460.400 Clearances [Weld County]
[FIRE]
153.785 S Dispatch Fire A [Weld County]
154.280 S FERN
[LOCAL GOVERNMENT]
453.3375 Telemetry

PUBLIC SERVICE COMPANY OF COLORADO
[UTILITY]
153.680 S Evergreen Division.
153.440 S Boulder/Greeley/Estes Park
[DENVER METRO TRUNKED 800 MOTOROLA SYSTEM]
856.2875
857.2875
858.2875
859.2875
860.2875
856.3625
857.3625
858.3625
859.3625
860.3625
856.4125
857.4125
858.4125
859.4125
860.4125

REGIONAL TRANSPORTATION DISTRICT. R.T.D.
[TRANSPORTATION]
452.675 Boulder County Supervisors,Mechanics,Buses and Regional Buses
452.700 Mechanics [Metro]
452.725 Buses F-1 West Metro
452.775 Supervisory CAD/MDT Data
452.800 Buses F-2 East Metro
452.825 Future Use
453.225 Supervisiors [Metro]

SHERIDAN
[POLICE]
155.535 Dispatch

460.425 CLEER
[FIRE]
158.760 Dispatch

SOUTH METRO FIRE PROTECTION DISTRICT
[FIRE]
F-1 154.340 Dispatch
F-2 154.235 S Castlewood/Multiple Fireground [Fireground 2]
F-9 154.310 Tactical
154.145 S Parker Fire Fireground
154.445 S Parker Fire Fireground
154.295 S Automatic Aid
154.265 S Hazardous Materials
154.280 S FERN

SUMMIT COUNTY
[POLICE]
F-1 155.625 Dispatch
F-2 154.785
[AMBULANCE]
155.340 S Countywide Dispatch
[FIRE]
154.400 County Firenet

TELLER COUNTY
[POLICE]
155.580 Dispatch

THORNTON
[POLICE]
F-7 460.275 Dispatch [Adams County]
F-3 460.125 Clearances [Adams County]
F-6 453.625 Car to Car [Adams County]
[FIRE]
F-1 460.600 Fireground
F-2 460.550 Dispatch [Adams County]
[LOCAL GOVERNMENT]
155.775 S City services

UNITED POWER INC
[UTILITY]
37.860 Brighton/North West Adams/Weld County Dispatch

VAIL
[POLICE]
F-1 453.100 Dispatch
F-2 453.800 Clearances/Tactical
[FIRE]
F-1 453.400 Dispatch
F-2 460.6375 Fireground
[AMBULANCE/RESCUE]
F-1 155.160 Mountain Rescue

F-2 155.235 Mountain Rescue
462.450 Mountain Rescue
463.1875 Mountain Rescue
[TRANSPORTATION]
453.675 Buses

WEATHER INFORMATION & REPORTING
162.400 NOAA Weather Radio Pueblo,Greeley/Ft Morgan
162.450 NOAA Weather Radio Ft. Collins
162.475 NOAA Weather Radio Colo Springs, Cheyenne
162.550 NOAA Weather Radio Denver/Mead, Grand Junction, North Platte
145.010 HAM 1200 Baud Packet Data with NWS bulletin information
145.115 HAM Severe Weather Net N. Colorado Weld/Larimer/Morgan Counties
146.940 HAM Severe Weather Net Denver Metro To FT Morgan. A.M. infonet
146.970 HAM Severe Weather Net Colo Springs/Pueblo E. to Limon
147.150 Backup Frequency for 146.940
164.500 NCAR Chase Teams
164.700 NCAR Chase Teams
410.575 NOAA Weather Radio Cheyenne

WELD COUNTY
[POLICE]
F-1 460.400 Clearances South
F-2 460.200 Municipalities/Townships Dispatch
F-3 460.250 S.O. Dispatch Primary
F-4 460.025 Clearances North
F-5 453.650 Tactical
F-6 460.425 CLEER
F-7 453.950 Tactical
[FIRE]
153.785 S "Fire-A" Southern County Dispatch
154.145 S "Fire-B" Northern County Dispatch
[AMBULANCE]
155.400 S Countywide Dispatch [Weld County]
[SCHOOLS]
155.175 S School District RE-1
157.470 S School District RE-9/RE-12
453.850 Buses
[LOCAL GOVERNMENT]
453.650 Highway A Road Maintenance
453.950 Highway B Road Maintenance

WESTMINSTER
[POLICE/FIRE/AMBULANCE/LOCAL GOVERNMENT TRUNKED 800 G.E. SYSTEM]
Sequence # Repeater Input
R-1 866.0625 821.0625
R-2 866.7625 821.7625
R-3 867.0625 822.0625
R-4 867.3250 822.3250
R-5 868.9250 823.9250
R-6 866.3125 821.3125

R-7 867.1625 822.1625
R-8 867.8875 822.8875
R-9 868.3500 823.3500
R-10 868.6500 823.6500

WHEATRIDGE
[POLICE]
F-1 155.070 Dispatch
F-2 154.845 S Clearances
155.475 S NLENC
460.425 CLEER
[FIRE]
151.310 Dispatch
[LOCAL GOVERNMENT]
852.2375 City Services

--
Chris Yoder is chris@tali.hsc.colorado or chris-urgent@tali.hsc.colorado.edu
==========
The average american has the attention span of a ferret on a double expresso.
-Dennis Miller finger chris@tali.hsc.colorado.edu for pgp, etc.

43. Re: Pro 43 vs Pro 46

Newsgroup: rec.radio.scanner
Date: 1994-01-03 20:16:58 UTC
From: chris@tali.hsc.colorado.edu
Message-ID: <2g9ufqINN1sv@tali.hsc.colorado.edu>
Source record: 278097

In article <2foh2i$koa@cs.ubc.ca>, Omid Ramin <g5g192@rick.cs.ubc.ca> wrote:
-*>Here, the Pro 43 costs $350 (Can) and the Pro 46 costs $239 (Can).
-*>The only difference I notice between them is that the Pro 46 has only
-*>100 channels, whereas the Pro 43 has 200. But for $111, I can live with
-*>100 channels less. How else is the Pro 46 disadvantaged? Not as
-*>sensitive perhaps?
What is the exchange rate right now. I might be advantageous for
those in the US to go up to Canada to buy a Pro-43.
Definately buy the 43. 46 is double conversion, 43 is triple
conversion + Military Air band.
--
Chris Yoder is chris@tali.hsc.colorado or chris-urgent@tali.hsc.colorado.edu
==
The average american has the attention span of a ferret on a double expresso.
-Dennis Miller finger chris@tali.hsc.colorado.edu for pgp, etc.

44. Re: HELP! Sick BC100XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-03 20:18:20 UTC
From: Dave Shaffer <DCS4@psuvm.psu.edu>
Message-ID: <94003.151820DCS4@psuvm.psu.edu>
Source record: 278098

In article <2g9t7mINNehd@faatcrl.faa.gov>, rolson@faatcrl.faa.gov (Rich Olson) says:

> I read a few months ago about some problems with BC100XLT's
>battery (I think). I have a 5+ year old scanner, with the
>original battery pack.

>Symptom #1 : After fully discharging (as much as I could, display
>was blank, reception poor) battery, I plugged in the AC adaptor
>overnight. Next morning, LO BATT still flashes. BTW: This unit
>has seen a lot of use (and recharging!) Is the battery pack history?

Certainly a strong possibility. There are only so many charges in there..

>Symptom #2 : Up until a few months ago, all keyboard functions worked.
>Now, pressing 'SEARCH' causes "Error" to be displayed on the screen!!
>Might this be related to Symptom #1? or do I have bigger problems?

If you can replace the batteries at a minimal cost and this
problem goes away -- or doesn't -- then we'll know. It sounds
like a separate matter, but cross your fingers...

>Last question: Is it worth it to try and 'build' my own replacement
>battery pack from some off the shelf nicads, wired together like the current
>pack, or just try and order a new pack (From Uniden??)

I can speak only of my own experience. I have a BC70XLT and had
similar "BATT" message problems. I bought replacement Ni-Cads
at Radio Shack for a fraction of the cost of the replacement
battery pack. I had to remove the wiring and solder it on the
new pack, but that was it, and it has worked fine for me for
a couple of months. Your mileage may vary! Stay tuned for
any discenting comments on the net!

- Dave

45. Increasing handheld scanner range

Newsgroup: rec.radio.scanner
Date: 1994-01-03 21:53:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <757694660.AA04194@rochgte.fidonet.org>
Source record: 278109

> From: beckett@apollo.montclair.edu (Brian T. Beckett)
> Organization: SCInet @ Montclair State

> I have a BC300XLT handheld scanner. I would like to enhance it's

You must have awfully big hands!

==========
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

46. Re: Michigan Firenet

Newsgroup: rec.radio.scanner
Date: 1994-01-03 22:43:52 UTC
From: mpage@netcom.com
Message-ID: <mpageCJ2sH5.9EF@netcom.com>
Source record: 278101

```
: Well, our net in Michigan is a little unique in that we've contracted with
: an answering service to do our dispatching. Members call events into the
: answering service which then sends them out to everyone's pager in the
: group. Most other groups have volunteer dispatchers which put everything
: out.

I am wondering how you can keep any type of security if ANYONE can call info
to your answering service and the just put it out. What about info sent from
other systems, such as our's Calif FireNet;does the service have a pager and
they re-transmit the info. I would hesitate to have info sent out without
having it checked for accuracy.. Tom LA-1
--
=====================================================================
| Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436 | |
|==================================
| Internet: mpage@netcom.com | Breaking News Stories to |
| CIS: 71674,1610 | the News Media since 1978 |
=====================================================================
```

47. Kenwood SM220 Station monitor with Panadaptor option ($300)

Newsgroup: rec.radio.scanner
Date: 1994-01-03 23:45:29 UTC
From: crisp@netcom.com
Message-ID: <crispCJ2vBw.KGI@netcom.com>
Source record: 278102
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

>For Kenwood radios: HF through 2M.

Handles up to 2KW up to 30mhz and up to 125W up to 150mhz

Two tone testing of transceivers, trapezoid testing, oscilloscope
and panadaptor all rolled into one nice compact unit.
Price is $300, buyer pays shipping. Includes dox

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

"one useless man is a disgrace, two are a law firm, and three?
The beginning of a Congress" -John Adams from "1776"

48. Kenwood R5000 HF Receiver with full filter set and comp interface

Newsgroup: rec.radio.scanner
Date: 1994-01-03 23:46:47 UTC
From: crisp@netcom.com
Message-ID: <crispCJ2vE0.Ko4@netcom.com>
Source record: 278103
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

```
>what you get:
Kenwood R5000 HF receiver (up to 30mhz coverage)
Full set of kenwood filters (two optional filters installed)
Computer interface chips installed
Operation manual

This radio is in excellent shape, works very well (best audio
of the HF receivers) and is available for $750. Buyer pays shipping.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

"one useless man is a disgrace, two are a law firm, and three?
The beginning of a Congress" -John Adams from "1776"
```

49. Re: Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-01-03 23:57:39 UTC
From: frank@autodesk.com
Message-ID: <2gabdj$ho1@autodesk.autodesk.com>
Source record: 278124
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In the Radio review summary, I noticed that somebody mentioned performance improvement mods for the Grundig Sat 500, in particular, SSB distortion enhancements and sync detector functions. Could you please point me to the right place to obtain more information. Thanks in advance,

Frank Delle' Autodesk Inc.

50. PRO-34

Newsgroup: rec.radio.scanner
Date: 1994-01-04 00:52:00 UTC
From: joseph.pereira@channel1.com
Message-ID: <40.290.2433.0NE15944@channel1.com>
Source record: 278104

Greetings,
I just picked up a Radio Shack PRO-34 scanner.....dirt cheap!
Anyone have the instructions on how to modify it for *800* coverage?
If you do, would you please send it *private*! Thanks.

One other quick question. Any way to increase the rang on the PRO-34 or
PRO-43?

Thanks in advance.....

Joseph Pereira

51. VHF Low Band Skip 12/31

Newsgroup: rec.radio.scanner
Date: 1994-01-04 04:04:00 UTC
From: russell.wright@xoanon.com
Message-ID: <940104024031730@xoanon.com>
Source record: 278106

There was a pretty good opening on the VHF low band on 31 December. The following stations were logged from my QTH near Galveston, TX.

30.600 Auto repair or wrecker
30.960 Business; NE US
30.960 Taxis, Spanish
31.000 'radio test, 1,2,3...'
31.000 Taxis, Spanish
31.020 Taxis, Spanish
31.160 Taxis, Spanish
31.240 Taxis, Spanish
31.280 Business; '2,000 gallons to Ocean City...'
31.640 Business; 'unlock a car door...'
31.700 Spanish
31.800 Business; 'to Horseshoe Hill, Greenwich, no heat...'
31.800 Business; 'Dons Meat Market needs heat...'
31.960 Business; water heater repair
33.660 EMS to Grant Hollow Rd

russell@xoanon.com

52. FCC License Data Sources

Newsgroup: rec.radio.scanner
Date: 1994-01-04 08:12:18 UTC
From: bill@thd.tv.tek.com
Message-ID: <1994Jan4.081218.17154@tvnews.tv.tek.com>
Source record: 278105
Cross-posted to: rec.radio.scanner,rec.radio.info

[last changed 03-Nov-93]

This is a list of FCC license data sources available to scanner listeners. Please e-mail corrections and additions to me.

POLICE CALL

This is probably the most cost-effective source for public service license information. The detail is limited, but the information that is there is often more useful form than the raw FCC data. For example, an entry in Police Call that reads, "Portland Police, Net 3, North Precinct," reads, "Portland, City of" in the FCC master.

Police call is available in 9 volumes covering different regions of the US. It can be purchased at Radio Shack stores for $10 per volume.

MICROFICHE

Lee Reynolds (lee@tosspot.sv.com) has made available copies of the entire US database on microfiche for $75 a copy. There are three sets in all - by callsign, geographic area, and frequency - for a total of about 200 fiche. His current set is from the beginning of 1993. E-mail Lee for more information.

The Bearcat Radio Club sells microfiche by state for $15. Bearcat Radio Club can be reached at P.O. Box 291918, Kettering OH, 45429.

GROVE

Grove sells FCC data on disk by state. The first state is $40, and each additional state is $30 (add $10 for CA, FL, TX). The disk comes with a database search program. The following data fields are provided: frequency, call sign, licensee name, service code, city, county, state, latitude, longitude. Grove Enterprises can be reached at 800-438-8155.

PERCON

PerCon sells FCC data on CD-ROM by state or by category for $100 per CD. The categories are divided as follows: public service & land mobile, common carrier, industrial, etc. The data is complete, i.e., it contains all of the data in the FCC master database for the state or category covered.

PerCon is now developing a CD-ROM of the entire US FCC database (approximately 3 million records). It will not contain all of the data fields, however, because disc space is limited. I asked about using data compression, but PerCon says that their customers want the data in dBase format (i.e., uncompressed) to use with their own software.

I will post more information about this product when it is available. PerCon can be reached at 716-386-6015.

C.E.T.

CET sells records of all stations inside a 30-mile radius for $80. (Major cities cost extra.) A 70-mile search costs $178. The data is provided on floppy disks and is available in ASCII columnar and comma-delimited formats.

I recently sent for this data and found it impressive. The 30-mile radius around Portland, OR (which CET does not consider a major city) contains nearly 10,000 records.

The data is more detailed than Grove's and isn't much more expensive if you need more than one state. CET does not provide data for licenses that do not contain specific geographic coordinates (i.e., mobile-only systems) or specific operating frequencies (e.g., amateur radio).

To do the search, CET requires the latitude and longitude for the center of the 30-mile radius. I calculated mine from a USGS topographic map I obtained at a local nautical supply store. Alternatively, you can obtain the coordinates for your town from the University of Michigan's geographic name server. Run "telnet 141.212.99.9 3000" and enter your zip code. In my case, the server returned the coordinates of the main post office.

If you are interested in purchasing this data, you might want to consider forming a co-op of people in your area to share the cost. As far as I know, this is legal since the information is in the public domain. You do this at your own risk, however. CET can be reached at 800-445-0297.

The CET data records contain the following fields: transmitter frequency; service code; type code; transmitter latitude and longitude; call sign; transmitter output power; effective radiated power (ERP); antenna height from tip to ground; site elevation above sea level; number of vehicle, portable, aircraft, marine, and pager mobiles; transmitter city, county, and state; current expiration date; licensee name, mailing address, city, state, and zip code.

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

53. Beginner

Newsgroup: rec.radio.scanner
Date: 1994-01-04 14:40:36 UTC
From: jlogan@netcom.com
Message-ID: <jloganCJ40ro.56A@netcom.com>
Source record: 278108

I've just gotten the "bug" to get a scanner. I would thought that I'd
check with some experts before I go out and buy the wrong scanner.
Here is what I would like to do, (and cheaply, I'm a student.)

Monitor Police, Government freq's
Cellular, portable phones
Be able to connect to my PC in order to receive pictures from AP
Be able to receive and decode Morse on my PC, receive APnews wire
I'd like to be able to do traffic analysis with it and my PC controlling it

Is there a good place to buy used equipment? I've bought the current
copies of Monitoring times, and Popular Communications and I've seen
some things that look really slick to do with a scanner. I know that
I've got to buy an adapter for the PC interface, but prices were
about $100. In regards to the scanner, am I getting things mixed
up? Do I need a "base" shortware radio and not a scanner?

jlogan@netcom.com

54. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-01-04 14:42:59 UTC
From: parnass@ih4gp.att.com
Message-ID: <CJ40u9.F7r@cbnewse.cb.att.com>
Source record: 278113
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

- 1 -

Last changed: November 11, 1993

Introduction to Scanning
by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves by their sensitive baby monitor intercom. Yes, it's legal to listen, and it's all there in the 46 and 49 MHz ranges.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. Change is in the wind -- it will soon be illegal for companies to sell scanners which cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend AOR brand scanners.

Scanners are available in two varieties: crystal controlled and programmable. The crystal controlled models are cheaper, but require the user purchase and install a $5 crystal for each frequency of interest. Programmable (synthesized) units are replacing crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crys-

tal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system.

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band unless you live in a very rural area where this band is not used. Usage of the 800 MHz band is growing by leaps and bounds.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to most scanner owners.

Currently, the more popular scanners include the Uniden/Bearcat 760XLT (a/k/a 950XLT) and Radio Shack PRO-2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT) and Radio Shack PRO-43 portables.

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be somewhat more prone to lightning strikes because they are not at "DC ground."

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Service Merchandise and Circuit City sell scanners, but carry just a few models. Department stores, like Sears and Montgomery Wards, sometimes offer scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- Scanner World (Albany, NY). Telephone (518)436-9606.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- Marymack Distributing (Katy, TX) sells Radio Shack scanners at discount. Telephone (713)392-0747.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, or listed in the classified advertisement section of your newspaper.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove Enterprises for about $25. This single edition contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more

sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

Grove enterprises sells FCC license information on floppy disks. Disks for each state are sold separately, and the information is basically the same as the FCC "state sort," i.e., transmitter location (state/city), callsign, licensee name, and type of license.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended

search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency

information from other states, and plenty of good product
reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo,
AOSCNet, distributed via FTN on 6 BBS systems, and via
Internet Mailing list. For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via
Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file
contains an outline of the material you will find in the
American Scannergram, the AOSCNet, and an application for
membership. (Note: This file will not be sent back to
*.fidonet.org addresses.)

Modifying Your Scanner

If you are handy with a soldering iron, you may be
interested in modifying your scanner to add features or
enhance its performance. Be warned this usually voids your
warranty. Modification article files can be copied from
several ftp sites including the /pub/ham-radio/mods direc-
tory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu

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AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

55. How to Find Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-04 14:52:51 UTC
From: parnass@ih4gp.att.com
Message-ID: <CJ41AH.FKL@cbnewse.cb.att.com>
Source record: 278114
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

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[last updated August 10, 1993]

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 1: Books, Magazines, Government Records, and Clubs

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

I am often asked, "How do you find these frequencies?" Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books

The most convenient source of fire and police frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores for under $10. Police Call is basically a computer printout of FCC license information in the fire, police, local government, and conservation services in two lists: by licensee name within state, and by frequency. Later editions have included a few pages of local airport and nonsensitive federal government frequencies.

I highly recommend Richard Prelinger's 1992 book, Monitor America, published by Scanner Master Corp., and available from Grove Enterprises for about $25.1 This second edition is crammed full of police, fire, local government, news media, sports, national park, and commercial broadcast frequencies for all 50 states. The information was compiled mainly from members of the world's largest scanning club, the Radio Communications Monitoring Association (RCMA). Monitor America contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for

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1. Grove Enterprises, PO Box 98, 140 Dog Branch Road, Brasstown, NC 28902. tel (704)837-9200

several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.2

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide.3 The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $20. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is the best book in print for this difficult to obtain information.

A more accurate, but smaller and less comprehensive book is Midwest Federal Frequency Directory. It was published in 1986, and copies are getting scarce. Copies may still be available for $10 from Scan America.4

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2. Scanner Master, PO Box 428, Newton Highlands, MA 02161. telephone 1-800-722-6701.

3. Official Scanner Guide, PO Box 712, Londonderry, NH 03053.

4. Scan America, 430 Garner Drive, Suffield, OH 44260-1557

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells the information on PC floppy disks for each state instead.

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me.

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)5. Only 12 of the 21

information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau",

indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'6.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information is marked 'unclassified', but all fields are furnished, including some which indicate security related usage. Grove sold this set of 33 microfiche cards for about $13.

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

In 20 years of being an amateur radio operator, and belonging to amateur radio clubs, I never realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges,

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5. See "The Government Giveth, the Government Taketh Away", by Richard Prelinger, in Monitoring Times, July 1982.

6. See "AFIO and the FOIA", by Bob Grove, in Monitoring Times, September 1982.

there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road
Springfield, OH 45503

Do Your Own Sleuthing

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

More about sleuthing will be discussed in Part II of this article.

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HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

Part I of this series discussed how scanner enthusiasts can obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall7, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use.

Most listeners use a combination of both approaches.

What Makes Station Identification Difficult?

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7. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

- 7 -

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters. Police and fire departments, especially those with trained radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army

Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information.

- 8 -

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find Dymo tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I examined a military manpack radio being used by dispensary paramedics. The radio's tuning dial was set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored personnel carriers at the local county fair, each equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM radio had a set of channel select pushbuttons, much

like those in a car radio. I asked a guardsman a few questions about the radio, and he demonstrated the channel preset feature. A panel above the channel pushbuttons was labeled with the frequencies: 32.055, 34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at the Marseilles armory "open house". The public was permitted to climb aboard, and observe the instrumentation and radio gear. A channel plate on the instrument cluster listed over a dozen frequencies.

Hobbyists are urged to exercise a modicum of restraint and good judgement. In New Jersey, a radio technician/hobbyist called to service a transmitter in a

county building, noticed a new unattended repeater installation in the same room. Being curious about what frequency this repeater was on, he opened the access door to copy the frequencies from the radio's crystals. It turns out that this radio belonged to the US Secret Service, and opening the access door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's permission to tamper with that equipment.

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

How Can I Determine To Whom I'm
Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot easier for me, and legal for them!8

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8. One may use FCC license microfiche, described in Part I of this article, to identify stations using call

Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls. A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center9
Lisle, Illinois

I watched the driver pick up a microphone, and listened
to him on my portable scanner checking back with his

---

letters.

9. XYZ is a pseudonym for the actual licensee name.

"base".

All the pieces fit: the "guests", the "classes", the
"instructors". Mystery solved; I had been monitoring the
customer training center for a large computer manufac-
turer. The training center has hotel rooms and dining
facilities to accommodate students from out of state. As
a convenience, shuttle van service is provided to local
shopping malls.

Summary

Through books, government records, and radio clubs,
scanner listeners can make use of frequency information
compiled by others. Two-way radio users often fail to
identify their transmissions properly, making it more
difficult for listeners to know who they are monitoring.
By examining radio equipment labeling, and monitoring and
taping transmissions, scanner enthusiasts can unearth new
information.
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AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

56. Re: RS Freq. Counter: Freq. Coverage?

Newsgroup: rec.radio.scanner
Date: 1994-01-04 15:25:14 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <Jan04.152514.35175@yuma.ACNS.ColoState.EDU>
Source record: 278110

In article <pwd-030194115309@thunder.apple.com> pwd@apple.com (Patrick W. P. Dirks) writes:
>Hi,
>My apologies if this has been covered before:
None needed, new people all the time.....

>Radio Shack sells a frequency counter for around $100. Does anyone know
>exactly which bands it will hit? Is it really 0-1.3GHz or so as one sales
>droid claimed?
I've had mine respond from 100 Hz to 1.8 Ghz.

>Does it register in the 800 MHz cellular band, or are there
>built-in censoring mechanisms to preclude that?
Picks up everything, you just can't HEAR it.

>Are there any known mods for it?
See a following article. I'll post it again.

>Any info would be greatly appreciated.
>Thanks in advance,
>-Patrick Penzias Dirks.

I like the counter, especially since I got a %10 discount when I bought it and I mod'ed it to hold (see a following article).
Galen, KF0YJ

57. Re: RS Freq. Counter Coverage?/HOLD MOD

Newsgroup: rec.radio.scanner
Date: 1994-01-04 15:32:16 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <Jan04.153216.73127@yuma.ACNS.ColoState.EDU>
Source record: 278111

How to add a hold function to the Radio Shack RF Frequency Counter:

Ground TP 17. In the schematic, TP17 is pin one of U3, connected to +5V thru a 47k resistor. On the circuit board, TP17 is on the display side, just right of the lower-right corner of the IC. Grounds are about 1/4 inch below and to the right, the three non-tinned points in the large area of metal. TP17 is the tinned pad next to a SM resistor marked '473' for 47k.

I rigged a momentary switch to ground TP17 thru a 1k resistor (you never can tell) and it works just fine! I drilled a small hole to mount the switch just above the plastic depression so I could push the button with my right thumb. A small toggle switch would fit if you want to hold longer.

Galen, KF0YJ

58. what is a scanner range

Newsgroup: rec.radio.scanner
Date: 1994-01-04 16:56:21 UTC
From: vittallo@ssd.comm.mot.com
Message-ID: <1994Jan4.165621.21065@lmpsbbs.comm.mot.com>
Source record: 278118

I am considering buying my first scanner (Radio-shack 2006) and
was wondering what is the range of a scanner that is what is the
furthest away I can pick up a signal?
--
==
| John Vittallo | No more ESPN, no more ESPN, no ESPN, |
| | No more ESPN... "Smokin" Bert Cooper |

| internet : vittallo@ssd.comm.mot.com |
==

59. Alberta frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-04 18:27:57 UTC
From: moxness@acs.ucalgary.ca
Message-ID: <Jan4.182757.28339@acs.ucalgary.ca>
Source record: 278115

Hi, Would anyone out there in "scanner-land" happen to have some
intriguing frequencies for South and Central Alberta? Thank-You.

-jack

60. Re: Increasing handheld scanner range

Newsgroup: rec.radio.scanner
Date: 1994-01-04 18:36:35 UTC
From: beckett@apollo.montclair.edu
Message-ID: <9401041336.AA35538@130.68.100.102>
Source record: 278116

In article <757694660.AA04194@rochgte.fidonet.org>,
David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:
> From: David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark)
> Newsgroups: rec.radio.scanner
> Subject: Increasing handheld scanner range
> Date: 3 Jan 94 21:53:00 GMT
>
>> > I have a BC300XLT handheld scanner. I would like to enhance it's
>
> You must have awfully big hands!
Whoops, I meant BC200...

- - - - - - - - - - - - - - - - - -
Brian Beckett + Internet: beckett@apollo.montclair.edu
ACL Supervisor + Phone: 201-655-4194
"The bug will be fixed in the next version." -Murphy
- - - - - - - - - - - - - - - - - -

61. HELP!!Prevent locating a transmitter

Newsgroup: rec.radio.scanner
Date: 1994-01-04 18:53:58 UTC
From: jt3@irz.inf.tu-dresden.de
Message-ID: <2gce06$3hb@irz406.inf.tu-dresden.de>
Source record: 278117

spread-spectrum, frequency hopping

--
Hi,

I'm working on the protection of traffic-data in radio-networks.
Traffic data means: who, when, how often and how long is anybody
communicating with anyone else. One problem is to prevemt the
finding of a transmitter's direction and location. At the moment I
consider using spread-spectrum systems and frequency hopping.
Are there any ideas to do so or can anyone help me finding other
ways or any literature to solve my problem ??

Thanks

Juergen

Juergen Thees | Internet thees@freia.inf.tu-dresden.de
Guentzstrasse 28/314 | jt3@irz301.inf.tu-dresden.de
Dresden |
01307 |
----

62. Pro 2030 Mod?

Newsgroup: rec.radio.scanner
Date: 1994-01-04 20:13:35 UTC
From: wrigley@u.washington.edu
Message-ID: <wrigley-040194121125@128.95.125.15>
Source record: 278119

I just bought a Pro 2030 last weekend and really like it. I'm wondering if there's a mod to allow reception of all 800Mhz frequencies.

Thanks for any help.

Bob Ennes
University of Washington

63. Presidential Visit

Newsgroup: rec.radio.scanner
Date: 1994-01-04 20:53:40 UTC
From: mmjjmm@post.its.mcw.edu
Message-ID: <2gcl0k$oba@post.its.mcw.edu>
Source record: 278120

President Clinton is coming to town on Thursday. What are the suggested
frequencies I should monitor?
--
Michael J. Malloy
Medical College of Wisconsin Truth is a Virus
mmjjmm@post.its.mcw.edu

64. Re: Radio Shack -vs- Uniden Bearcat

Newsgroup: rec.radio.scanner
Date: 1994-01-04 20:56:19 UTC
From: garlau@eis.calstate.edu
Message-ID: <2gcl5j$ele@eis.calstate.edu>
Source record: 278123

NSVJM@TJUVM.TJU.EDU (John McGinn) writes:
> I am currently looking for a hand held. Which is better? Is there another
> name brand I should take a look at? In the range of $200.00
> Thanks,

Got any other criteria? (i.e. Frequency range, memory channels, etc.)?
There's a number of handhelds from both that fall in the $200 range.

Gary Lau
garlau@ctp.org
--

65. Re: what is a scanner range

Newsgroup: rec.radio.scanner
Date: 1994-01-04 21:41:27 UTC
From: bmiller@landesk.intel.com
Message-ID: <2gcnq7$mb@ornews.intel.com>
Source record: 278121

In article <1994Jan4.165621.21065@lmpsbbs.comm.mot.com> vittallo@ssd.comm.mot.com (John Vittallo) writes:
>I am considering buying my first scanner (Radio-shack 2006) and
>was wondering what is the range of a scanner that is what is the
>furthest away I can pick up a signal?
>--
>==
>| John Vittallo | No more ESPN, no more ESPN, no ESPN, |
>| | No more ESPN... "Smokin" Bert Cooper |
>--
>| internet : vittallo@ssd.comm.mot.com |
>==
The main factors are 1. The height of your antenna and the transmitting antenna. 2. The terrain (i.e. flat, mountains, forest, desert). 3. the output power of the transmitter. 4. lots of little things...

Technicalities aside, with the provided wip antenna, you could probably expect between 5 to 30 miles of range. An omni type roof antenna might get you to 50 or 60 miles in flat terrain. These numbers are just guesses so no flames please, there are many factors that can affect this, including what frequency range is being monitored. Hope this helps a little.
:

66. So what did you get for X-Mas?

Newsgroup: rec.radio.scanner
Date: 1994-01-04 21:42:40 UTC
From: linnig@m2000.dseg.ti.com
Message-ID: <LINNIG.94Jan4154240@m2000.dseg.ti.com>
Source record: 278025

Ok folks,

I suspect there is some new radio hardware in the hands of
some of you readers.

So, did anyone get anything really neat from Santa?

Tell us!

I got a new RS Freq Counter (works too!).

-- Mike, N5QAW

- - - - - - - - - - - - - - - - - - + - - - - - - - - - - - - - - - - - +
Mike Linnig, Texas Instruments Inc. | 97.43% of all statistics are made |
Phone: (214) 575-3597 | up; most of them (83.6 percent) |
Internet: mike.linnig@dseg.ti.com | are wrong. |
- -

67. Disneyland frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-04 21:51:50 UTC
From: caliban@soda.berkeley.edu
Message-ID: <caliban.757720310@soda>
Source record: 278122

here's something i picked up from our forum...

[DizneyLand] Message 35 (15 left): Tue Dec 28, 1993 9:07pm
From: moo (matthew@ucscb)
Subject: useful data
55 lines (?)

Disneyland (Anaheim) Frequencies of interest
last update: 9/13/92
gathered from extensive monitoring (10 days total, 1987, 1990, 1991, 1992)

146.940 (R (-)) Amateur Repeater (CTCSS = 131.8 Hz)

154.570 Show Ushers,Jungle Cruise,Construction Ops
154.600 Show Ops,Submarines
154.625 Disneyland Pagers

Purple 462.575 R Wide Area shared repeater
Silver 464.0375 R Custodial / Vending
464.1125 R * Telephone Interconnect
464.2375 R * Hotel Ops / Housekeeping
464.2875 R * Hotel Engineering
464.325 Paging (some disney tfc.?, mostly other tfc.)
464.3625 R * Hotel Operations / Construction
Orng 464.4125 R Maintainance
Blue 464.4625 R Security (In Park, Parking Lot, and Hotel)
Green 464.4875 R Operations / Entertainment
Yellow 464.5125 R Parade Operations / Pyrotechnics Ops
Brown 464.5375 R Maintainance
2/Red 464.6375 R Common / Tactical (formerly telephone interconnect)
12/Pink 464.7125 R * Fantasmic Event Operations
White 464.7625 R Trains / Monorails
464.8875 R * Operations Secondary (Occasional tfc.)
464.9875 R * Events secondary (Occasional parade/Fantasmic tfc.)
(all 464.xxx channels, CTCSS = 162.2 Hz; 'R'= Rptr., Input +5 MHz)

208.400 * Fantasmic Crew Intercom Headsets (To headsets from sys.)

194.000 Parade Floats Audio (Lead Float)
194.600 Parade Floats Audio (Alice in Wonderland)
195.200 Parade Floats Audio (spare)
195.600 Parade Floats Audio (Cinderella)
196.000 Parade Floats Audio (Peter Pan)
204.600 Parade Floats Audio (Dumbo)
205.000 Parade Floats Audio (Snow White & Dwarves)
205.600 Parade Floats Audio (Pinnochio)

206.000 Parade Floats Audio (Pete's Dragon)
206.600 Parade Floats Audio (spare)
207.200 Parade Floats Audio (America)
207.600 Parade Floats Audio (spare)
208.000 Parade / Fireworks & Tinkerbell Cueing
(name in parentheses is for Main Street Electrical Parade,
Daytime parade floats use same channels)

Unknown frequencies
several 200 MHz? Fantasmic Crew Intercom Headsets (to system)
200 MHz? Audio from pre-Fantasmic Jazz Band raft
200 MHz? Fantasmic Audio TO Rivercraft

* - New finds for 1992

68. Re: HELP! Sick BC100XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-04 23:34:03 UTC
From: dunne@rtsg.mot.com
Message-ID: <2gcudb$jhs@delphinium.cig.mot.com>
Source record: 278026

I had exactly the same problem with my 200XLT. It wouldn't search anymore, it gave the error message you described. I wondered if it was hosed and put it away for at least 4 months or more. It had chronic "Low Batt" indications too, I knew the NiCds were nearly dead.

Just for yuks, I pulled it out and recharged it after all that time. No channel memory loss, and works fine (but still gives an early low batt indication, I think there is a mod for that plus the cells are still weak). I guess the discharge period was just right. I've got new NiCds ready to put in, I just need to find an alternate power source so the channel memory sticks around while I'm doing the repair. Or, is there a lithium backup battery for the memory so I don't need to worry???

Your 5 year use is fairly remarkable. Just change 'em, and a tip: it seems that good quality AA-size NiCd cells used for radio control car/truck/boat/etc. applications are very good! I have some that are fairly heavy in weight, with no markings; one has been going in my pager for 2 weeks with 8-10 hours of standby use a day. I charged it with a $10 tray charger I bought years ago. The heavier the cells are, the more Heavy Metal inside... don't buy those wimpy cells that weigh very little. Mine are plain white, so I don't know what kind they are. I got 'em from a friend who owns a hobby shop (who's got a 100XL himself).

-- Jim Dunne dunne@rtsg.mot.com Motorola Cellular Northern IL, USA --
All statements are merely opinions, yet are corroborated by a .357 magnum.

69. Info on equipment needed

Newsgroup: rec.radio.scanner
Date: 1994-01-05 01:33:56 UTC
From: don@mars.dgrc.doc.ca
Message-ID: <1994Jan5.013356.24636@clark.dgim.doc.ca>
Source record: 278028
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

I have a chance of getting ahold of the following used equipment at going-out-of-business-sale prices.

First of all, I would like to know what these things are.
Secondly, something here sounds interesting to you, let me know and I will point you to it.

Here is the list:

DESCRIPTION QUANTITY
=========== ========

Yeasu FTC-2640 4
(with whip antenna?)

7 element Yagi Antennas 3
3 element Yagi Antennas 6

Spilsbury SBX 121 SSB 1

Stephens SSB Radio + ant Box tuner 1
12V weather tight power supply box

Oh, by the way, there were some Kenwood R-5000 receivers, but I know about them :)

Donald McLachlan e-mail donald.mclachlan@crc.doc.ca
Communications Research Centre / DRL office 613-998-2845
3701 Carling Ave., lab 613-998-2423
Ottawa, Ontario fax 613-990-7987
K2H 8S2

70. Re: Pro 2030 Mod?

Newsgroup: rec.radio.scanner
Date: 1994-01-05 02:16:58 UTC
From: BHOWLE@delphi.com
Message-ID: <940104.76618.BHOWLE@delphi.com>
Source record: 278027

Bob -

I just got as PRO-2030 also - if you find the mod you're looking for I'd sure like to hear about it too.

I've found that my '2030 will tune up to 958 mHz - I think that this is a bit higher than the published factory specs.

Good luck finding the mod and *Please* share it wit the rest of us!

Bob - in Mississippi -

71. Re: Presidential Visit

Newsgroup: rec.radio.scanner
Date: 1994-01-05 02:19:47 UTC
From: BHOWLE@delphi.com
Message-ID: <940104.76787.BHOWLE@delphi.com>
Source record: 278029

Clinton's coming to town? Cool! Be sure to listen to the frequencies
that the Secrete Services uses.

They don't call 'em 'secret' for nothing -

:)

72. Russian space-walk frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-01-05 03:05:09 UTC
From: gregh@swifty.dap.CSIRO.AU
Message-ID: <CJ4z8M.Aw3@syd.dms.CSIRO.AU>
Source record: 278035

Has anyone heard MIR cosmonauts during space-walks? What frequencies do they use?

I heard MIR (R0MIR) on Christmas day and New Years day talking on 145.55MHz on some passes but on other passes there was audio on 145.44MHz that sounded like a recording " ... goodwill to people of all nations ...". Anyone know about this?

Best regards
Greg Hammond

73. 331

Newsgroup: rec.radio.scanner
Date: 1994-01-05 04:09:08 UTC
From: jpotts@crl.com
Message-ID: <2gdeh4$hse@crl.crl.com>
Source record: 278030

[No readable article body recovered]

74. 331

Newsgroup: rec.radio.scanner
Date: 1994-01-05 04:18:13 UTC
From: jpotts@crl.com
Message-ID: <2gdf25$ii2@crl.crl.com>
Source record: 278031

I am looking at purchasing a scanner antenna for my car and was wondering if the two models advertised in the Radio Shack catalog for 1994 were any good.

Thanks

John Potts

jpotts@crl.com

75. Re: Icom IC-R1 - Poor AM Broadcast Reception?

Newsgroup: rec.radio.scanner
Date: 1994-01-05 04:49:08 UTC
From: roth@news.brandonu.ca
Message-ID: <1994Jan4.224908.6310@news.brandonu.ca>
Source record: 278032

In article <2g2rca$inq@bmerha64.bnr.ca>, mjamesb@bnr.ca (M. James Bartley) writes:
> Hmmm ... is there any reasonably small portable radio that receives the
> AM and FM broadcast, international SW broadcast, plus VHF/UHF television
> bands? The various Sony/Panasonic/etc. worldband radios are very nice but
> they don't do television bands (or at least the ones I've seen don't).
>
> As long as it's portable (i.e., battery powered), of good quality, and is
> easy to tune with a decent number of memories, then that's all we'd want.
> This isn't intended to be an action scanner but a wide-band broadcast
> receiver. The R1 would be perfect except for this poor (non-existent)
> AM broadcast reception.
>
> One of the ideas in giving my father the R1 as a present was that if it
> wasn't good enough, I'd keep it (30 MHz and up is good enough for me).
> On the other hand, I'd have to say that the fact that it can't even pick
> up the local AM broadcast stations is enough to make me want my money
> back.
>
> So, if we were going to try to pick an alternative, what do we look at?
>
While on UN duty in the Middle East I purchased a Sony ICF-PRO80 hand held scanner/receiver. It covers 150 khz to 223 mhz in wide am, narrow am, fm, narrow fm and SSB. It has 40 memories, three scan modes, pri, pgm, and dir digital entry/tuning. It is only 3 5/8 x 7 1/4 x 2 inches and is powered by 4 x AA cells plus 2 x AA for the freq converter (108 - 223 Mhz). It has worked great for me as both a general purpose radio, sw reciever and uhf/vhf scanner. Alas it only goes to 223 mhz and ohly has 40 memories. It is still sold at the Sony store here in Sunny Brandon Manitoba. Hope this helps.

Carl.

76. Re: Presidential Visit

Newsgroup: rec.radio.scanner
Date: 1994-01-05 05:05:47 UTC
From: copeland@metronet.com
Message-ID: <CJ54tp.4n8@metronet.com>
Source record: 278033

In article <2gcl0k$oba@post.its.mcw.edu>,
Michael Malloy <mmjjmm@post.its.mcw.edu> wrote:
>President Clinton is coming to town on Thursday. What are the suggested
>frequencies I should monitor?

FBI in Wisconsin - 167.235, 167.625, 167.785

Also scan 163 - 168, 412 - 420

77. Re: NYC PD ESU Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-01-05 05:30:12 UTC
From: amullick@vaxc.stevens-tech.edu
Message-ID: <1994Jan5.003012.1@vaxc.stevens-tech.edu>
Source record: 278034

In article <ODwJtABKBh107h@hudlink.hoboken.nj.us>,
alberg@hudlink.hoboken.nj.us (Al Berg) writes:
>
> By the way, I have noticed that while Hoboken's PD has a load of freqs
> assigned according to Police Call, they only seem to use 866.6500 (seems
> like the primary) and 868.2750 (seems like a seldom used secondary).
> Is this is the case?

Same observations here, though FWIW except from Sunday night and Friday
afternoons, I'm always monitoring from a dorm room where listening to the
NYC news stations (880 and 1010 AM) is _very_ iffy.

(I can hear NYPD, FDNY and NYC*EMS sirens better by standing outside my
building door than I can hear the news broadcasts of what's happening
across the river.)

Apu.....AMULLICK@vaxc.stevens-tech.edu
WARNING: I DISCRIMINATE
E-mail is dealt with immediately;
Snail mail, if I have nothing to do (never) or I'm bored (sometimes)

78. Re: Radio Shack -vs- Uniden Bearcat

Newsgroup: rec.radio.scanner
Date: 1994-01-05 09:36:51 UTC
From: NSVJM@TJUVM.TJU.EDU
Message-ID: <16F3583D5.NSVJM@TJUVM.TJU.EDU>
Source record: 277903

I am newbie to scanning. I moved to NJ and joined a vol fire co. I was looking at an RS pro-41. It was on sale for $80 norm around $110. It has a 10 channel. I just want to listen to the county area. What is a good scanner for a someone new to all of this. Thanks...

79. Re: Russian space-walk frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-01-05 13:15:51 UTC
From: moodyblu@umcc.umcc.umich.edu
Message-ID: <2geei7$r9j@umcc.umcc.umich.edu>
Source record: 278036

gregh@swifty.dap.CSIRO.AU (Greg Hammond) writes:

>Has anyone heard MIR cosmonauts during space-walks? What frequencies do
>they use?

>I heard MIR (R0MIR) on Christmas day and New Years day talking on 145.55MHz
>on some passes but on other passes there was audio on 145.44MHz that
>sounded like a recording " ... goodwill to people of all nations ...".
>Anyone know about this?

>Best regards
>Greg Hammond

145.55MHz is what Amateur Radio Operators listen on when communicating with MIR and the Space Shuttle. It is the downlink frequency. Sometimes there is voice, sometimes there is Packet. HAMs use different frequencies as uplink frequencies. The next shuttle mission will have a SAREX experiment on it, so listen on 145.55 when the shuttle is overhead (I think it is going up the end of the month, Discovery I believe). I know that here in Michigan, due to the orbit the shuttle will be in, we will have some prime listening/communicating time and one of the Russian cosmonouts will be on board as well. I also believe you can get a QSL card for just hearing the station as well as communicating with it 2 way.

--
* Matt Weisberg, CNE MILLIWAYS - Computer and Network Consulting *
* PP-ASEL 21650 West Eleven Mile Road #202 *
* Amateur Radio: KF8OH Southfield, MI 48076 *
* Internet: moodyblu@ais.org (810)350-0503 Fax:(810)350-0504 *

80. Re: Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-01-05 13:55:04 UTC
From: ylo@osiris.kbfi.ee
Message-ID: <2gegro$kcd@osiris.kbfi.ee>
Source record: 278037
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Frank Delle' - Eng. Svcs. (frank@autodesk.com) wrote:
> In the Radio review summary, I noticed that somebody mentioned performance improvement
> mods for the Grundig Sat 500, in particular, SSB distortion enhancements and
> sync detector functions. Could you please point me to the right place to obtain
> more information. Thanks in advance,

> Frank Delle' Autodesk Inc.

The modification was uploaded to ham.eetech.mcgill.ca about 6 months ago,
but the machine seems to be disappeared. If someone knows a ftp-server
for modifications, please let me know.
I post here the procedure. Any feedback is welcome.

Ylo Mets.

****

Updated fix of the synchronous detector of Grundig
Satellit 500.
August 5, 1993

Grundig Satellit 500 is known for its inferior synchronous
detector. There are two problems with it:
1) excessive distortion, especially in the SSB mode, and
2) its synchronous SSB mode cannot be activated via the keyboard
and processor.
For the excessive distortion there are two reasons:
1) too high DC voltage at the output of the detector chip CX857
(this may have slight effect on normal AM also), and
2) low frequency (50-200 Hz) feedback to the VCO of the first mixer
(this affects only SSB).
The voltage at the outputs can be corrected in two ways. The easier
way is to connect a 24-33 kohm resistor from each output (pins 7
and 8) to ground. If you don't have the service manual, the
correct points are positive pins of electrolytic capacitors C825
and C826. These capacitors can be found next to the larger
shielded box on the RF board, on the side close to the
loudspeaker. After installing these resistors the suppression of
the unwanted sideband improved in my receiver from 14 dB to
20-26 dB, and I think the distortion is reduced too.

The correct way to do this would be to install two omitted
components: one 1N4148 diode in place of a jumper under the metal
shield of the detector, and one 33 kohm chip resistor from
pin 7 of the chip to ground (there is a place for it on the

board). These will have similar effect, perhaps result in slightly better unwanted sideband suppression in SSB mode without additional balancing (as described later). These components are shown on the factory test circuits of the chip and also in the article on synchronous detection by Mike Gruber in QEX, Sept. '92, pp. 9-16.

The feedback from the audio stages to the frequency of the first mixer oscillator can be reduced by connecting a 2000 microfarad or larger capacitor from the AM +3.5 V to ground (pin 11 in connector A). This reduces also the hum in synch mode, when operating off the mains. The better way could be building a separate better 3.5 V regulator and switch it with AM +5V. This could improve also the operation of the synch detector with NiCads, which seem to have a bit too low voltage now.

For switching the detector to selectable sideband synchronous mode the pin 3 of connector C on the RF board must be grounded and the wire from the pin 4 of connector B must be disconnected. This can be done with a switch with two groups of contacts. This switch will then affect only the USB and LSB mode. With the switch activated the SSB mode will mean synchronous SSB. The ground connection can be done via 1 kohm resistor, this avoids problems in case of false connection, and also reduces extra interference from the processor. The detector circuit uses the phasing method to select one sideband, and therefore the phase noise of local oscillators creates clearly audible background (about 20 dB below audio). Also, the shielded oscillators exhibit strong microphone effect, resulting in audio feedback at higher volume.

Some hints for opening: the best screwdriver is Pozidrive #1. Ordinary Phillips does not fit well, and the screws are quite tight for the first few times to unscrew. The back cover should be lifted at the bottom side, there are plastic hooks at the top side. The RF board can be removed completely after unscrewing the 5 screws and unplugging all connectors. There MAY be an extra capacitor soldered between the RF board and the shield of the processor unit, in the vicinity of the antenna socket. It must be then unsoldered too.
The board is manufactured using surface mount components, so certain caution and fine tipped soldering iron is necessary. Care must be taken also when soldering the connector wires. These wires go directly to the microprocrssor pins, so static and other voltage differences between the tools and the radio should be avoided. The simplest way is to disconnect the radio from everything during soldering.
The procedure should be undertaken only if you are sure that your detector is defective too. This can be determined by viewing the suppressed sideband signal of about 500 Hz with an oscilloscope connected to line output, it must be severely

distorted

The unwanted sideband rejection can be further improved, but
for this the service manual, a signal source (signal generator
or a transmitter with clean carrier) and an AC voltage meter or
oscilloscope is needed. The procedure is balancing the summing
resistors after the audio phase shift circuits. Resistors in
question are CR834/CR832 for LSB and CR833/CR831 for USB.
The results on my receiver are following (the frequency of the
best suppression depends on actual component values in the phase
shifters and is probably different for other units):

Freq. [kHz] USB [dB] LSB [dB]

0.2 15 14
0.5 16 15
1.0 26 24
1.6 48 42
2.0 36 36
2.5 29 28
3.0 25 24
3.6 22 20

For proper balance CR834 was reduced by 10% and CR833 by 20%,
but I am sure this is different on each sample. The best
suppression value says also something about the distortion.

WARNING: you repeat these procedures at your own risk. Any
warranty will be void after these modifications.

Ylo Mets,
ylo@osiris.kbfi.ee
Institute of Chemical Physics & Biophysics,
Ravala 10
EE-0001 Tallinn,
Estonia.

81. Scramling freqs

Newsgroup: rec.radio.scanner
Date: 1994-01-05 14:05:46 UTC
From: daren@morgan.ucs.mun.ca
Message-ID: <daren.757778746@morgan>
Source record: 278038

Hello Scanner Guys & Girls:

I am not a very happy camper today. I heard yesterday
that my favorite frequencies are going to be scrambled.

Apparently they are not going to change frequencies and
they are now in the 150-155 Mhz range. What are the most
popular scrambling techniques? What do you need to unscramble?
I currently own a Pro-44 and am not very happy with it so
I would be willing to invest if neccessary. Ideally a device
that attaches to the pro-44 would be nice.

Daren Janes

daren@morgan.ucs.mun.ca

82. 2010 on VHF

Newsgroup: rec.radio.scanner
Date: 1994-01-05 15:41:05 UTC
From: jan@cwi.nl
Message-ID: <CJ5y8H.Ly3@cwi.nl>
Source record: 278039

My Sony ICF-2001D (= 2010 in the US) with 3 sections of the
whip extended (quarter wavelength) gives reasonable performance
on VHF Air Band. But it is far from optimal I guess. Does anyone
have experience with other (non-directional) VHF antennas for
the 2010? Is the Sony AN-3 any good?

Thanks
Jan Heering

83. Re: Scanning cable?

Newsgroup: rec.radio.scanner
Date: 1994-01-05 15:43:14 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Jan5.154314.10541@news.csuohio.edu>
Source record: 278040
Cross-posted to: alt.radio.scanner,rec.radio.scanner

linley@netcom.com (Bruce James Robert Linley) writes:
: As one of the last people without cable TV, I was wondering. Has anyone
: plugged the cable into their scanner and found anything other than TV
: audio such as cable co. workers, packet radio, etc.? Also, would the
: so-called "bullet" pose any threat to scanners on the cable?
:
A while ago I plugged my 75ohm cable jack into my scanner and searched
from 30-960MHZ (took about a half our), but all I heard was cable tv
audio, the howl of the video signals, and a variety of what sounded
like data transmissions. The data transmissions were probably for
control of customer boxes and other devices along the transmission line.
I'm not sure what you refer to as the "bullet", but I can guess you
mean the data burst that disables an illegal cable box. Since your
scanner is simply a reciever picking up RF signals, it should not
be harmed in any way with this bullet. If it was harmful enough to
damage your scanner, it would certainly also zap your television.
I believe the "bullet" disables a cable box via some sort of digital
firmware or hardware code, not as a voltage spike or surge.

--
___---^^^---___---^^^---___---^^^---___---^^^--- Catch The WAVE ---___
Michael Mayer, Senior Technical Support Engineer
Visual Numerics, Inc. 32915 Aurora Rd. Suite # 160, Solon, OH, 44139 USA
Email: mayer@pvi.com Human: 216/248-4900 Fax: 216-248-2733

84. PRO34 Microphonics & Marine VHF Freqs

Newsgroup: rec.radio.scanner
Date: 1994-01-05 16:03:23 UTC
From: blood@austin.ibm.com
Message-ID: <CJ5z9t.345r@austin.ibm.com>
Source record: 278043

Anyone familiar with the Microphonic problem I have at 800MHZ with the PRO-34
and how to fix it. (If you tap on the case, you hear it in the speaker)
I suspect that something is needing some glue.

Also, I need the VHF marine freqs, especially ch 16 (most used)
I believe they are in the 150 MHZ range. Thanks.

85. Re: Presidential Visit

Newsgroup: rec.radio.scanner
Date: 1994-01-05 16:05:39 UTC
From: bmiller@landesk.intel.com
Message-ID: <2geogj$fje@ornews.intel.com>
Source record: 278041

In article <940104.76787.BHOWLE@delphi.com> BHOWLE@delphi.com writes:
>
>Clinton's coming to town? Cool! Be sure to listen to the frequencies
>that the Secrete Services uses.
>
>They don't call 'em 'secret' for nothing -
>
> :)
>

You might have better luck monitoring state police (trooper or highway patrol etc) or county frequencies. Especially the TAC and car-car freqs. The SS freqs are fine, but usually scrambled - which gets boring very fast.

Brett N7OLQ

86. Re: So what did you get for X-Mas?

Newsgroup: rec.radio.scanner
Date: 1994-01-05 16:18:54 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Jan5.161854.11406@news.csuohio.edu>
Source record: 278042

linnig@m2000.dseg.ti.com (Mike Linnig) writes:
: Ok folks,
:
: I suspect there is some new radio hardware in the hands of
: some of you readers.
:
: So, did anyone get anything really neat from Santa?
:
: Tell us!
:
:
: I got a new RS Freq Counter (works too!).

My wife (oops, I mean Santa) did the SMART thing. She gave me
a cut-out picture of a 2m Yeasu ham HT. Basically, a ticket
to go out and buy whatever unit I want! (since she is not into
ham, has not idea what I really is, but knows I enjoy it). Beats
having to break her dear heart if she DID buy a real radio and it
turned out to be one I didn't want, and had to return it, or something.
I guess she knows how finicky I am. Good move on her part.

She also gave me a book I would recommend to anyone who is into
shortwave or worldband listening - Passport To World Band Radio -
IMHO the best book on any single subject I have ever seen.

--
___---^^^---___---^^^---___---^^^---___---^^^--- Catch The WAVE ---___
Michael Mayer, Senior Technical Support Engineer
Visual Numerics, Inc. 32915 Aurora Rd. Suite # 160, Solon, OH, 44139 USA
Email: mayer@pvi.com Human: 216/248-4900 Fax: 216-248-2733

87. Re: 2010 on VHF

Newsgroup: rec.radio.scanner
Date: 1994-01-05 16:22:50 UTC
From: bmiller@landesk.intel.com
Message-ID: <2gepgq$gjs@ornews.intel.com>
Source record: 278044

In article <CJ5y8H.Ly3@cwi.nl> jan@cwi.nl (Jan Heering) writes:
>My Sony ICF-2001D (= 2010 in the US) with 3 sections of the
>whip extended (quarter wavelength) gives reasonable performance
>on VHF Air Band. But it is far from optimal I guess. Does anyone
>have experience with other (non-directional) VHF antennas for
>the 2010? Is the Sony AN-3 any good?
>
>Thanks
>Jan Heering
>
>
>

Discone antennas are probably the most commonly used omni aircraft
Discone antennas are probably the most commonly used omni aircraft
antennas. These are Base antennas, however. For something quick
and dirty,& portable, try a FM radio antenna, the frequencies are
close enough that it might work (the twin-lead kind).

Brett N7OLQ

88. Re: PRO34 Microphonics & Marine VHF Freqs

Newsgroup: rec.radio.scanner
Date: 1994-01-05 17:05:21 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Jan5.170521.12784@news.csuohio.edu>
Source record: 278045

blood@austin.ibm.com () writes:
:
: Anyone familiar with the Microphonic problem I have at 800MHZ with the PRO-34
: and how to fix it. (If you tap on the case, you hear it in the speaker)
: I suspect that something is needing some glue.
:
: Also, I need the VHF marine freqs, especially ch 16 (most used)
: I believe they are in the 150 MHZ range. Thanks.

Microphonics is wierd stuff. I have an old OLD tube SW receiver and
you tap the knob and it sounds like an echo chamber thru the
speaker. An interesting novelty.

As for your scanner, I would open it up an inspect the inductors (small
copper coils), the capacitors, and the enclosed inductors (the squarish
small metal cans with hole in top) for loosness. It's the simple
physical vibration in the parts that causes current to be modulated
in and around and between various components. That's why you
sometimes see wax globbed all over the circuit board - to keep
things from jiggling and creating the microphonics you describe.
I suppose you could cast the entire circuit board in acrylic to
keep things still, but would be HELL to repair :-)

Hope it helps.
--
___---^^^---___---^^^---___---^^^---___---^^^--- Catch The WAVE ---___
Michael Mayer, Senior Technical Support Engineer
Visual Numerics, Inc. 32915 Aurora Rd. Suite # 160, Solon, OH, 44139 USA
Email: mayer@pvi.com Human: 216/248-4900 Fax: 216-248-2733

89. WANTED: Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-01-05 17:24:27 UTC
From: achern@wam.umd.edu
Message-ID: <2get4b$6ah@cville-srv.wam.umd.edu>
Source record: 278046

If anyone has a pro-43 for sale, email me or post here. Thanks.

Alex Chernyakov
achern@wam.umd.edu

90. Car Antenna

Newsgroup: rec.radio.scanner
Date: 1994-01-05 17:39:16 UTC
From: achern@wam.umd.edu
Message-ID: <2geu04$6iq@cville-srv.wam.umd.edu>
Source record: 278047

If someone has any advice on where to get a good, high-quality antenna (radio scanner, BNC connector, etc) for use on an automobile, please post/email. I will summarize.

Alex Chernyakov
achern@wam.umd.edu

PS: Also, are most (?) car-mounted antenna's rust-resistant? What about the mount-me-on-your-car-window thing that Radio Shack sells, how good is it at withstanding the elements?

91. Mods for PRO46

Newsgroup: rec.radio.scanner
Date: 1994-01-05 17:59:12 UTC
From: lmctrle@LMC.Ericsson.SE
Message-ID: <1994Jan5.175912.12263@exu.ericsson.se>
Source record: 278048
Cross-posted to: alt.radio.scanner,rec.radio.scanner

A big thank to all of you who mailed me the mods for PRO46

Thank you.

/Trien

92. Is Radio Shack Still Selling PRO-34's

Newsgroup: rec.radio.scanner
Date: 1994-01-05 18:19:54 UTC
From: edgrant@netcom.com
Message-ID: <edgrantCJ65L7.2tH@netcom.com>
Source record: 277926

I heard that Radio Shack was clearing the PRO-34's. Does anyone know if
they can still be bought?
--
* ---*
* Edward L. Grant Jr. E-Mail: edgrant@netcom.com *
* Panorama City, Calif. USA (818) 785-3512 *
* ---*
Followup-To: poster
Subject: Trade PC for PRO-43 Scanner
Newsgroups: la.forsale,rec.radio.swap
Distribution: local
Keywords: trade

FOR TRADE

I have a personal computer in good working condition which I'd
like to trade for a near-new PRO-43 scanner:

Hardware
286-12 PC by Syntrex
1 meg RAM
102-key keyboard by AST
20 meg hard drive by Seagate (Stacked to hold 40megs)
1.4 meg floppy drive
1 parallel port/2 serial ports
200 watt power supply
6 slots in case
Mouse
Monocrome monitor by Mitsuba

Software
Stacker 2.0
Managing Your Money Version 8.0 by Andrew Tobias
MS/DOS 5.0

Please E-Mail any offers/questions to edgrant@netcom.com. I prefer
making this trade with someone not more than a 50 mile radius from
Van Nuys, California area.

Subject: Amiga Software For Sale
Newsgroups: comp.sys.amiga.marketplace
Distribution: usa
Keywords: amiga,software

FOR SALE

Intro CAD ($10) Aegis Draw 2000 ($30)

Thundestrike ($10) Gold of the Americas ($5)

Gear Works ($25) Gunship 2000 ($35)

Turbotext ($35) Deluxe Music Construction ($25)

Electric Thesaurus ($25) SupraModem 2400 ($25) **SOLD**

Turbo Silver ($10) Caligari 2 ($38)

Sculpt 3d ($20) Gizmoz ($10)

Amiga LOGO ($35) Amiga Format Issues 22, 28, 30, 36

Please E-mail any questions/offers to edgrant@netcom.com

93. Pro-43 Cell.Mod.---Help!

Newsgroup: rec.radio.scanner
Date: 1994-01-05 18:42:54 UTC
From: fenno@jupiter1.mae.ncsu.edu
Message-ID: <1994Jan5.184254.25891@ncsu.edu>
Source record: 278052
Cross-posted to: rec.radio.scanner,alt.radio.scanner

The cellular modification for the Pro-43 involves moving a diode from one position to another. I have removed the diode from its original position, but it was damaged in the process. My question is: Does anyone know the specifications of that diode and how I can get a replacement in order to complete the modification?

Chip Fenno (fenno@jupiter1.mae.ncsu.edu)

94. Re: So what did you get for X-Mas?

Newsgroup: rec.radio.scanner
Date: 1994-01-05 18:54:23 UTC
From: rlf@mtgzfs3.att.com
Message-ID: <CJ676p.Ho5@cbnewsj.cb.att.com>
Source record: 278049

Actually I got 2 scanners. The Mrs., unable to determine which I would prefer, gave me 1 RS (unknown model, already returned) and 1 Bearcat 350A. Both 50 channel, neither covered 800MHZ, but the BC had better sensitivity and higher audio power output. We have been having a great time with the BC. (The Mrs. now realizes this gift was a big mistake because she had a number of rec.woodworking projects lined up for me but I can't hear the Scanner over the table saw...) Of course, now that I have read the Scanner Intro etc by Bob Parnass, (nice work BTW. Is this == the FAQ for this group?) I may take this one back and spend a little more on something better. Something < $200 though as I dont think I can justify more....

I have couple of questions though. I have the 1992 edition of Police Call, is it worth it to buy the 1993(4?) edition? Also the info available on disk from Grove sounds intriguing, how often is this updated?
I am having trouble identifying the signals/codes/APCO 10 codes used by our local and state police. Some are fairly obvious but not even the State Police match up with whats published in my copy of Police Call.
Is there a better source? (I scan in Central NJ, Jackson to be precise)

I was quite surprised to hear the State Police mobiles from about 80 miles away, loud and clear. Would this be some sort of repeater set-up?

Scanner happy in NJ
Ron Fletcher
rlf@mtgzfs3.mt.att.com

95. Re: Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-01-05 19:27:12 UTC
From: ira@src.dec.com
Message-ID: <2gf4ag$pjt@src-news.pa.dec.com>
Source record: 278050
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Does anyone know if this procedure will fix the problems with the sync detector of a Satellit 700, too? Also, does anyone know of a commercial outfit that will do these mods for the faint of heart?

regards,
Ira

96. Re: So what did you get for X-Mas?

Newsgroup: rec.radio.scanner
Date: 1994-01-05 19:41:00 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Jan5.194100.18021@news.csuohio.edu>
Source record: 278051

I would recommend the 1994 Police Call. You never know when a frequency is gonna change from one year to the next. In fact, my local PD went from VHF Low simplex to an new UHF Mobile Relay repeater system and was good to have my '94 Police Call. Each year they add a little bit more useful info. I always read thru the informative section at the beginning about the basics of scanning and public service radio. It's a good refresher, and always pick up some new tidbit. IMHO worth the $10.

Mike
--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^ Catch the WAVE v^v^v^v^v^v
Mike Mayer - Senior Technical Support Engineer
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@pvi.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^

97. Pro-43 mod for 108-118MHz coverage?

Newsgroup: rec.radio.scanner
Date: 1994-01-05 20:03:02 UTC
From: pwd@apple.com
Message-ID: <pwd-050194120302@mac219.kip.apple.com>
Source record: 278054
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hi,

Is there a known mod for Radio Shack's Pro-43 scanner to allow coverage in the 108-118MHz band? There are some aeronautical frequencies of interest there. Some other RS Pro-xx scanners cover from 108MHz up, but the Pro-43 starts at 118MHz for some reason.

Thanks - any pointers would be greatly appreciated!
-Patrick Penzias Dirks.

98. Cellular Mod for late model BC200/205XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-05 20:10:00 UTC
From: danclark@nssdca.gsfc.nasa.gov
Message-ID: <5JAN199416100439@nssdca.gsfc.nasa.gov>
Source record: 278055

I purchased this mod from Grove Enterprises for $2, it works great with the new version of the BC200/205XLT. Could someone please place this in the appropriate FTP location.

This is word for word from the letter I received from Grove, with the exception of words in brackets.

Note: It is unlawful to monitor mobile telephone conversations, including cellular. Although the procedure described below will restore the missing cellular freq. to your radio, it is possible to hear this range without any modification whatsoever by tuning in the image freq 21.6 MHz higher than the deleted ranges. Cellular calls will be heard from 894.01-915.6 MHz on your scanner without restoration.

The freq. deleted at the factory may be restored, but the procedure must not be attempted by anyone unfamiliar with electronic circuitry. Grove Enterprises [and myself] assume no liability for damage caused by this procedure. The modification will void your warranty.

[Note: I performed this modification with little problems on a scanner I purchased in 1/94 (the newer model BC200XLT)]

TOOLS REQUIRED: Small Phillips screwdriver, small wire cutters

1. Slide off the battery pack, and remove the antenna from the scanner.

2. Using a small Phillips screwdriver, remove the two screws from the back of the scanner, the two screws which hold the battery retaining spring at the base, and the spring itself.

3. Carefully pry the bottom of the rear cover from the radio and remove the cover.

4. Locate two small screws at the base of the circuit board and remove them. Gently pull the front panel from the mainframe at the base and seperate them.

5. Consulting the illustration [see below], locate the microprocessor IC labelled "UNIDEN UC-1147 [or UC-1147A]" and the 10k ohm (brown-black-orange) leadless resistor [mine was labelled 103] positioned above the letters DEN on the IC.

6. VERY CAREFULLY solder a 1/8 watt (preferrable) or 1/4 watt resistor, any resistance 2.2K through 10K ohms, from the left side of the resistor located in step 5 and pin 8 of the adjacent K1013 as shown.

REASSSEMBLY

7. Insert the top of the front panel into the slot under the volume/squelch control panel and, noting carefully the alignment of the dual-inline connector at the bottom of the board with the mating socket, press the front panel firmly into place. Be sure that the holes at the bottom of the circuit board line up with the holes in the plastic standoffs below them. Insert the two screws and gently tighten them.

8. Replace the back cover by inserting the top of the cover into the slot under the volume/squelch control panel; press the cover into place, insert and tighten the screws.

9. Reposition the battery retaining spring (slotted side toward notched hole), insert the two remaining screws and gently but securely tighten them.

10. Slide the battery pack into place, switch the scanner on to make sure the display comes on. If not, the battery is discharged or the dual-inline connector was misaligned during assembly (see step 7)

Assuming the display comes on, press: MANUAL, 845.0, E; within two seconds the frequency 845.000 should appear on the display.

[Like I said earlier, I performed this mod easily. The only difference is that the resistor said 103 and the chip was 1147A. Please also note that the chip in their diagram said 1147A, but their text said 1147.]

```
---
K1013 --> -[ ]-
-[ ]-
-[ ]-
Added resistor--> /--[ ]--------[ ]-
/ ---
brown-black orange or 103--> [ ]

-----------------
[ UNIDEN ]
[ ]
[ UC-1147A ]
[ ]
[ ]
-----------------
```

[If you would like to ask any questions, or would just like to drop me a note feel free to send E-mail to DanClark@nssdca.gsfc.nasa.gov]

Dated: 1/94

99. Re: need mod for pro2024

Newsgroup: rec.radio.scanner
Date: 1994-01-05 20:13:07 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Jan5.131307.3335@cmkrnl>
Source record: 278060

In article <1994Jan3.005518.3322@cmkrnl>, jeh@cmkrnl.com (that's me!) blathered:
> In article <1994Jan3.022732.19271@cronkite.ocis.temple.edu>, camter28@astro.ocis.temple.edu (-=FOOBARF=-) writes:
>> I hate seeing these posts, but I have a pro2024 and can't find
>> a single mod for the thing. There must be something I can do
>> to it, other than hit it with a sledge, does anyone have any info?
>
> Only several hundred pages' worth. Go to a tech-oriented bookstore or ham
> radio equipment dealer and pick up Volume 1 and 2 of the _Scanner Modification
> Handbook_ by Bill Cheek.
>
> You'll find some simple stuff like the restore cellular coverage, speed up
> scan, and the 400-channel mod at ftp sites, but if you really want to get into
> this beast, pick up these books. You have NO idea what you're missing...

as camter28 very nicely and politely said to me via e-mail, what I wrote here is wrong, wrong, wrong. In fact, it isn't even wrong. Bill Cheek's books primarily cover the 2004, 2005, and 2006. I saw "2024" and read it as "2004" in the original question...

(Uh, my news feed dropped a bit, turning the second '2' into a '0'! Yeah! That's it...!)

Sigh.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CIS: 74140,2055

Whatever you can do, or dream you can, begin it.
Boldness has genius, power and magic in it. - Goethe

100. Help pulling in Cellular frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-05 20:14:00 UTC
From: danclark@nssdca.gsfc.nasa.gov
Message-ID: <5JAN199416142297@nssdca.gsfc.nasa.gov>
Source record: 278056

Now that I have done these wonderful modifications, I am having trouble finding active strong signals. Does anyone have any suggestions for cellular listening. If nothing else, can someone send me the frequencies used in my area for cellular? I live in Lanham, MD.

Thanks, in advance for your help.

Danny

101. Antenna's for listening to 46.8 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-01-05 20:25:00 UTC
From: danclark@nssdca.gsfc.nasa.gov
Message-ID: <5JAN199416254777@nssdca.gsfc.nasa.gov>
Source record: 278057

I am considering constructing a 5 foot vertical antenna to listen to the 46 and 49 MHz frequencies in my car. Would I see a noticeable difference between this homemade antennae and the multiband mobile antennae at Radio Shack? This antennae will be hooked to a BC200XLT.

Thanks for your help,
Danny

102. Re: 331

Newsgroup: rec.radio.scanner
Date: 1994-01-05 20:28:11 UTC
From: damelio@bedford.progress.com
Message-ID: <2gf7sr$fpu@pscgate.progress.com>
Source record: 278053

John Potts (jpotts@crl.com) wrote:
: I am looking at purchasing a scanner antenna for my car and was wondering if the two models advertised in the Radio Shack catalog for 1994 were any good.

Your money would be better spent on a company called "Antenna Specialist". They perform far better than any RS antenna. A/S mfrs. pro antennas also, so the designs and mounts are better and more plentiful. I've used both, and RS can't come close to A/S.

--

-=-
Steve D'Amelio "Just strap your hands round my engines"
damelio@progress.com -Bruce

66 Olds88 -> 64 Comet -> 73 Duster -> 69 Chevelle -> 76 Omega -> 82 Ford EXP ->
84 T-Bird -> 83 Mustang -> 69 CJ-5 -> 85 Bronco -> 69 Mustang -> 88 Mustang ->
70 Mustang -> 85 Mitsu PU -> 91 Rodeo (So what's the pattern???)
=-=

103. Scanner Freq. for NH airports...

Newsgroup: rec.radio.scanner
Date: 1994-01-05 22:19:01 UTC
From: sms@barney.palette.com
Message-ID: <CJ6Gnq.C8z@palette.com>
Source record: 278058

I just wanted to drop a quick note and thank everyone who responded to me via mail!

If someone responded to me via usenet, I probably won't see it since I had to have our newsfeed flushed... It keeps getting backed up with 300,000 articles...

For those of you that sent me mail, and I didn't reply, I promise I will, I've just been monster busy, and sick, and my 10 month old son was sick...

etc, etc, etc...

What a great way to start a new year!!! 8^)

Steve

--
+++
Steven M. Santinelli Palette Systems Corporation
Internet: sms@palette.com 6 Trafalgar Square
Nashua, NH 03063 (603)886-1230

A Journey of a Thousand Miles, begins with a single step...
- Lao-tzu
+++

104. Re: Car Antenna

Newsgroup: rec.radio.scanner
Date: 1994-01-05 22:32:22 UTC
From: x92ochs1@gw.wmich.edu
Message-ID: <1994Jan5.173222.13785@gw.wmich.edu>
Source record: 278059

In article <2geu04$6iq@cville-srv.wam.umd.edu>, achern@wam.umd.edu (Alex Chernyakov) writes:

>
> If someone has any advice on where to get a good, high-quality antenna
> (radio scanner, BNC connector, etc) for use on an automobile, please
> post/email. I will summarize.
>
> Alex Chernyakov
> achern@wam.umd.edu
>
> PS: Also, are most (?) car-mounted antenna's rust-resistant? What about
> the mount-me-on-your-car-window thing that Radio Shack sells, how
> good is it at withstanding the elements?
>

I bought a good antenna for my PRO-38 scanner at Radio Shack. They seem to be quite rust-resistant.

Jeff

105. Reviews for BC200XLT & PRO-43 needed

Newsgroup: rec.radio.scanner
Date: 1994-01-05 23:19:29 UTC
From: edgrant@netcom.com
Message-ID: <edgrantCJ6JGI.85B@netcom.com>
Source record: 278061

I need some help finding information on the BC200-XLT by Uniden and the
PRO-43 by Radio Shack. I'd like to get reviews and comparisons between
them.
Thanks
--
* ---*
* Edward L. Grant Jr. E-Mail: edgrant@netcom.com *
* Panorama City, Calif. USA (818) 785-3512 *
* ---*

106. Re: Pro-43 mod for 108-118MHz coverage?

Newsgroup: rec.radio.scanner
Date: 1994-01-05 23:48:53 UTC
From: reece@eco.twg.com
Message-ID: <2gfjl5$nr4@scoop.eco.twg.com>
Source record: 278062

In article <pwd-050194120302@mac219.kip.apple.com>, pwd@apple.com (Patrick W. P. Dirks) writes:
|>Is there a known mod for Radio Shack's Pro-43 scanner to allow coverage in
|>the 108-118MHz band? There are some aeronautical frequencies of interest
|>there. Some other RS Pro-xx scanners cover from 108MHz up, but the Pro-43
|>starts at 118MHz for some reason.

They probably start there because that's the bottom of the aviation comm band...freqs between 108 and 118 are primarily navigation signals. Yes, I know there's a lot of good voice (ATIS and such) down there, but I didn't design the thing. :-)

107. Pro 2030 Mod?

Newsgroup: rec.radio.scanner
Date: 1994-01-06 03:13:08 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <757877429.AA01713@chigate.fidonet.org>
Source record: 277927

Hi, Bob...

BE>I just bought a Pro 2030 last weekend and really like it. I'm wondering if
BE>there's a mod to allow reception of all 800Mhz frequencies.

Yes!! The following will do it...

Product: Realistic PRO-2030 by Radio Shack
Purpose: Restore full 800 Mhz coverage

** Disclaimer...Modification of receiver will void the warranty of your
unit. All modifications are done at your own risk.

** Monitoring of certain areas of the 800 Mhz band are prohibited by
federal law.

Modification of PRO-2030 for full 800 Mhz coverage with 30 khz
stepping available.

1. Take out the screws at the bottom to open the 2030.
2. Look down into the top of the unit, behind the front panel, and
locate a metal loop labeled L201.
3. Clip that part and move the two pieces slightly away from each other.
4. Re-assemble unit.

If your unit ever needs service, you can bend the two pieces back
together and no one would know that the part had ever been snipped, due
to it's rigidity.

Created by Jerry Smith
12/30/93

CompuServe ID 73747, 2143
Internet address...73747.2143@compuserve.com

Credit to Jeff Goldman, 76703,4224 , Sysop of CompuServe Hamnet for
passing on the modification.

Uploaded to Radio Hobby BBS, (708)238-1901

This document may be freely distributed provided there is no
modification to it's contents.

Jerry...Chicago

X OLX 2.1 TD X Hi, I'm from the government...I am here to help you...

* Origin: Via RHO! * 708.238.1901. fnam.lnam@radiohobby.chigate.com (1:115/747)

108. Scanner Clubs?

Newsgroup: rec.radio.scanner
Date: 1994-01-06 03:33:27 UTC
From: ad178@FreeNet.Carleton.CA
Message-ID: <CJ6v7s.3It@freenet.carleton.ca>
Source record: 278063

Hi, I was wondering if anyone could tell me how to join a
fairly large scanner club. I used to be a member of SCAN, but
I don't think it exists anymore. I've heard of several but have
no idea how to obtain membership. Please send e-mail...the bigger
the club the better!

Thanks much...

--
Life's to short to worry... :)

109. Re: Pro 2030 Mod?

Newsgroup: rec.radio.scanner
Date: 1994-01-06 03:41:09 UTC
From: meco@indirect.com
Message-ID: <CJ6vKM.BE3@news.direct.net>
Source record: 278064

In article <940104.76618.BHOWLE@delphi.com> BHOWLE@delphi.com writes:
>
>I just got as PRO-2030 also - if you find the mod you're looking for I'd
>sure like to hear about it too.
>

Below is the mod as I retrieved it from CompuServe:

Anyways, take out the screws so you can open up the 2030.
Looking down into the top of the scanner right behind the
front panel you'll notice a little metal loop that's labeled
L201. CLIP that jumper and move the two pieces a little away
from each other. The loop's so small and rigid that if you
ever need service, you could bend the to parts together and
nobody would know you snipped them.

-Jeff

ZZ
--
+---+
| John R. Schuch, Chief Cook and Bottle Washer |
| Maryvale Engineering Company, PO Box 23786, Phoenix, AZ 85063 |
| Home Phone (602)247-6167 FAX (602)247-4451 Email meco@indirect.com |

110. Re: Antenna's for listening to 46.8 Mhz

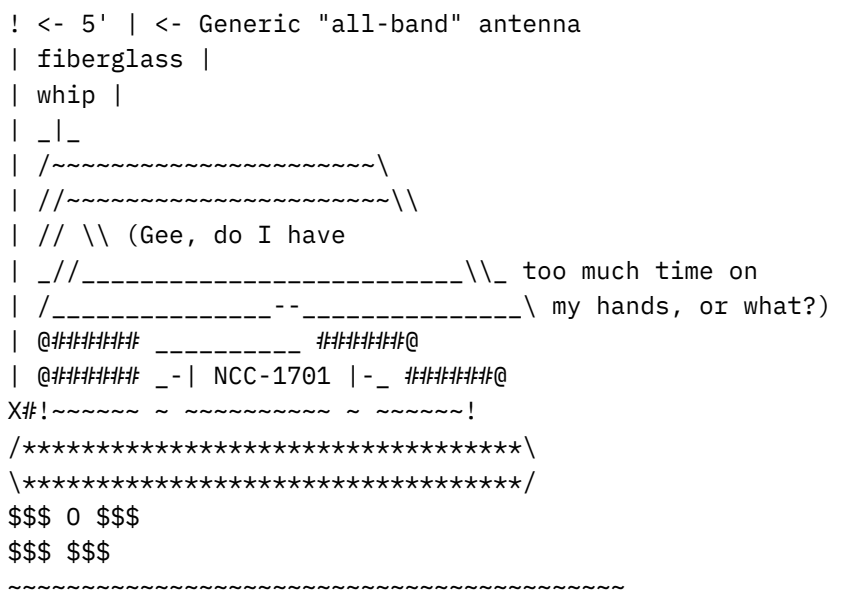
Newsgroup: rec.radio.scanner
Date: 1994-01-06 06:16:31 UTC
From: kbudd@vnet.net
Message-ID: <2ggabv$1tb@rtp.vnet.net>
Source record: 278065

Resident MacWizard (301) 286-4405 (danclark@nssdca.gsfc.nasa.gov) wrote:
: I am considering constructing a 5 foot vertical antenna to listen to
: the 46 and 49 MHz frequencies in my car. Would I see a noticeable
: difference between this homemade antennae and the multiband mobile
: antennae at Radio Shack? This antennae will be hooked to a BC200XLT.

: Thanks for your help,
: Danny

I have two receiving antennae on my car, one of them is a generic multi-band antenna that boasts coverage from 30Mhz-1Ghz, and the other is the 8.6ft Fiberglass whip that RS sells, cut off at exactly 5 feet.

For 46-49 Mhz the 5' modified fiberglass whip outperformes the multi-band antenna by a long shot. It also picks up the aircraft band (118-136) really well, even though it's off freq. for it. I have the 5' antenna mounted to the clamp-mount that RS sells, which I mounted to the left-rear quarter-panel of the body of my car (behind the rear wheel) by drilling four holes for the screws that are used to mount the clamp and just securing it to the body. Works great, and cheaper than many of the multi-band antennas, too.



Just my $.02 worth.
Kenneth -/- kbudd@vnet.net

111. Re: Reviews for BC200XLT & PRO-43 needed

Newsgroup: rec.radio.scanner
Date: 1994-01-06 08:02:45 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Jan6.030245.1@uoft02.utoledo.edu>
Source record: 278067

In article <edgrantCJ6JGI.85B@netcom.com>, edgrant@netcom.com (Edward L. Grant Jr) writes:
> I need some help finding information on the BC200-XLT by Uniden and the
> PRO-43 by Radio Shack. I'd like to get reviews and comparisons between
> them.
> Thanks
> --
> * --*
> * Edward L. Grant Jr. E-Mail: edgrant@netcom.com *
> * Panorama City, Calif. USA (818) 785-3512 *
> * --*
--Try back issues of monitoring times,or pop comm magazines.There is no real
comparison,the only thin the bearcat does well is it plays about twice as loud
as a 43.The 43 is INFINITELY superior to the 200.Ive owned both.Besides,the 43
is the KING of CELLULAR!!!

Barry F.email Care of:
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)

* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

112. television interference on pro43

Newsgroup: rec.radio.scanner
Date: 1994-01-06 11:01:30 UTC
From: caliban@soda.berkeley.edu
Message-ID: <caliban.757854090@soda>
Source record: 278066

well i have been really happy with my new pro43, except for one minor problem. in a couple of places in the cellular range, 876.060mhz, 885.660mhz and 895.260mhz, i am getting a rather strong audio signal for sanfrancisco's tv20 television station. i dunno if it happens elsewhere in the city or in my neighborhood, but it happens all thru my house. i don't get anyother television stations... also i live in the shadow of sutro tower, the massive tv/radio transmitter that looms over sf. i live probably a mile from it as the crow flies. does anyone have any way to explain this, and better yet anyway i can solve the problem? i cannot lockout the frequencies because the pro43 will not lockout when in the limit search mode, which is the best way to monitor the cellular range. thanx!

cali

113. Edmond, Okla Freq's wanted...

Newsgroup: rec.radio.scanner
Date: 1994-01-06 12:51:05 UTC
From: grm@dancer.cc.bellcore.com
Message-ID: <2gh1fp$5a9@dancer.cc.bellcore.com>
Source record: 277930

Dear Scanner Friends:

I just got my parents a new scanner for Xmas. They live near Edmond,Ok.
Does anyone out there in "scanner land" have any interesting freq's for
that area that I can give to them? An example of something I am trying
to find out for them is the ham repeater freq in that area that broadcasts
the NASA Space Shuttle flights...

As I do not daily read the News Groups, direct email would be
appreciated.

Thanks in advance,

Jerry Morrison
grm@cc.bellcore.com

114. Re: Scanning cable?

Newsgroup: rec.radio.scanner
Date: 1994-01-06 13:45:31 UTC
From: dans@rehab1.UUCP
Message-ID: <937@rehab1.UUCP>
Source record: 277940
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <linleyCJ0p5I.H7q@netcom.com> linley@netcom.com (Bruce James Robert Linley) writes:
>As one of the last people without cable TV, I was wondering. Has anyone
>plugged the cable into their scanner and found anything other than TV
>audio such as cable co. workers, packet radio, etc.? Also, would the
>so-called "bullet" pose any threat to scanners on the cable?
>
Ive connected my Pro-2006 on ocassion to do some fooling around ;-) Most exciting thing I find (besides the std audio for each cahnnel) is the control data for our systems cable boxes. Not really much to listen to (unless you need an expensive FM radio).

-Dan
--
Reading Rehabilitation Hospital |\ /| Host of "Motor Racing
Dan Schein - Information Systems 'O.O' Review", seen on 4 cable
RD 1 Box 250 =(___)= systems in Pennsylvania.
Reading, PA 19607 U -=[rehab1!dans@canal.org]=-
--
Reading Rehabilitation Hospital |\ /| Host of "Motor Racing
Dan Schein - Information Systems 'O.O' Review", seen on 4 cable
RD 1 Box 250 =(___)= systems in Pennsylvania.
Reading, PA 19607 U -=[rehab1!dans@canal.org]=-

115. Re: ACARS help please

Newsgroup: rec.radio.scanner
Date: 1994-01-06 13:46:56 UTC
From: dans@rehab1.UUCP
Message-ID: <938@rehab1.UUCP>
Source record: 277941
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <MAILQUEUE-101.931204145127.480@RIVELIN.shef.ac.uk> I.Wraith@sheffield.ac.uk writes:
>Hello
> Thanks for reading for this.I wonder if anyone out there can help
>me. I am trying to obtain details of the signalling system (baud
>rate,audio tones and data format etc) of the Aircraft Communications
>Addressing & Reporting System or ACARS as it is known.This is the data
>which civil aircraft transmit on the VHF aircraft band to relay
>routine information to their company headquarters.
> I would also like to know if ACARS is a true standard used by all
>the major airlines or if there many different kinds of data signalling
>used by different airlines.
> If anyone reading this can answer any of my questions or know
>anything about ACARS I would be very grateful if you could let me
>know by E mail.
>
In the most recent Nuts & Volts there was a review of the Universal M400 decoder, and it describes the data.

-Dan
--
Reading Rehabilitation Hospital _/_ Host of "Motor Racing
Dan Schein - Information Systems \ / Review", seen on 4 cable
RD 1 Box 250 /_ _\ systems in Pennsylvania.
Reading, PA 19607 \/
[rehab1!dans@canal.org]
--
Reading Rehabilitation Hospital |\ /| Host of "Motor Racing
Dan Schein - Information Systems 'O.O' Review", seen on 4 cable
RD 1 Box 250 =(___)= systems in Pennsylvania.
Reading, PA 19607 U -=[rehab1!dans@canal.org]=-

116. BC160 priority (noisy)

Newsgroup: rec.radio.scanner
Date: 1994-01-06 13:47:36 UTC
From: dans@rehab1.UUCP
Message-ID: <939@rehab1.UUCP>
Source record: 277942
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I just bought a used BC160 for use on my desk here at work. The only thing that could use some modification is the priority. When it jumps from an active channel there is a loud (and rude) pop. This can be very annoying and my fellow co-workers let me know it :-(.

Does anyone have any ideas/mods to quite this priority down a bit?

-Dan
--
Reading Rehabilitation Hospital _/_ Host of "Motor Racing
Dan Schein - Information Systems \ / Review", seen on 4 cable
RD 1 Box 250 /_ _\ systems in Pennsylvania.
Reading, PA 19607 \/
[rehab1!dans@canal.org]
--
Reading Rehabilitation Hospital |\ /| Host of "Motor Racing
Dan Schein - Information Systems 'O.O' Review", seen on 4 cable
RD 1 Box 250 =(___)= systems in Pennsylvania.
Reading, PA 19607 U -=[rehab1!dans@canal.org]=-

117. Re: Reviews for BC200XLT & PRO-43 needed

Newsgroup: rec.radio.scanner
Date: 1994-01-06 14:09:48 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CJ7ooG.6Bw@cbnewse.cb.att.com>
Source record: 278068

NOTE: I sent the original poster my reviews of both the PRO-43
and 200XLT scanners. Here is a reprint of an old article.
PS - I prefer the PRO-43.

SCANNER SHOOTOUT:
RADIO SHACK PRO-43 VS. UNIDEN/BEARCAT 200XLT

by Bob Parnass, AJ9S

The Uniden/Bearcat 200XLT and Radio Shack PRO-43 are both
excellent portable scanners. Which one is right for you?
Here's a table to help see the differences.

Criteria	PRO-43	200XLT
discount price	$275	$240
discounter	Marymac Industries Houston, TX	National Tower Co. Shawnee Mission, KS. Grove Enterprises, Brasstown, NC
special frequency coverage:		
29-30?	no	yes
220-225?	yes	no
225-400?	yes	no
54-88?	yes, add diode	no
cellular bands?	yes, remove diode 30 kHz steps	yes, remove resistor 12.5 kHz steps
IF circuitry	up conversion, 610, 48.5, 0.455 MHz	conventional 10.85, 0.450 MHz
sensitivity	better on 800 MHz	
audio output		stronger, clearer
scan speed (ch/sec)	50 measured	15
rubber antenna	ok	poor 800 MHz performance
images	none noted	yes, on VHF-hi, UHF, and in cellular band
intermodulation	yes, noted on VHF-hi band. more intermod	yes, noted on VHF-hi band less intermod

size	smaller	larger
case ruggedness	even	even
display readability	smaller	easier to read
display light	dim,	easier to read,
	not latched	latched
keypad	monochromatic	color coded
keypad beep tone?	yes	no
battery system	replaceable AA	monolithic
		NiCd pack included
AC adapter	optional	included
leather case	none	included
belt clip	included	none
_____	_____	_____
monitor memories?	yes	no
freq query?	no	yes
AM/FM user selection?	yes	no
priority channels	1	10
AC operation modes:		
operate on AC		
while charging		
batteries?	yes, with $7	yes, adapter
	AC adapter	included
operate on AC		
without charging		
batteries?	yes, with $7	no
	AC adapter	
_____	_____	_____

--
==========

Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

118. Re: THOUGHTS ON RS PRO 43 SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-01-06 14:40:57 UTC
From: jqtaylor@boi.hp.com
Message-ID: <CJ7q49.E6I@boi.hp.com>
Source record: 278069
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Bruce James Robert Linley (linley@netcom.com) wrote:

: Yup. 823.950-850.980, 868.980-895.980 in 30kHz steps.
: Also (once enabled) 54-88 MHz in 5kHz steps.

I noticed that after a friend modified my Pro 43 that I get 54-88, which allows me to get TV channels 2, 4, and 6 (they sound muffled since it's narrow FM but they're listenable). Lately I'm noticing some pager/NOAA weather interference on 145-155 MHz channels while scanning preprogrammed channels. This doesn't happen on the 2006 or on my Pro 39. Is something wrong with my Pro 43?

Also, the Pro 43 is a battery pig. The Pro 39 lasts much longer and doesn't draw so much from the AC adapter. The Pro 43 draws so much current it creates an audible hum when using an external speaker.

I wrote this a few months back, but I'll re-post it again:
- - - - - - -

A TALE OF TWO SCANNERS

~~~~~~
The Pro 39 and the Pro 43: A General Comparison
by John Quill Taylor

~~~~~~

This is a general yet practical comparison between two popular Realistic(TM) Brand portable scanners, the Pro 39 and the Pro 43. This is not an in-depth technical comparison, as these have been written already. This is a comparison from my own experience using both scanners. I've had a Pro 39 for seven months, and a Pro 43 was just acquired recently, so my report is probably biased toward the Pro 39, with which I am more familiar.

Overall Impressions and complaints:
==========

The Pro 39 & Pro 43 have some major differences and some subtle differences. The subtle differences can be surprising. For example, the beep confirmation tone is about one whole note higher in frequency on the Pro 39 than on the Pro 43! Also, each radio has its own "personal" behavior: the quality (or lack thereof) of its sound, the brightness (darkness?) of the internal lamp, and the ease with which you can read (or not read) the LCD display, all vary between one radio and another, even of the same model!

In MANUAL mode, both radios have a STANDBY feature that allows the scanner to consume less power, but the Pro 39 has about a 50% duty cycle (0.7

seconds OFF followed by 0.7 seconds ON) whereas the Pro 43 has about an 85% duty cycle (1 second OFF followed by 5 seconds ON). Both radios go into STANDBY after about 5 seconds. The STANDBY circuit produces and audible thump in an external speaker. Due to the 50% duty cycle of the Pro 39, this "thump" sounds exactly like the lead-in and fade-out to Pink Floyd's "Dark Side of the Moon". Try it! When using an AC adapter (either charging or powering), an audible hum is heard when using an external speaker.

What's GOOD about BOTH the Pro 39 & the Pro 43:
==========

Both of these radios share the same small footprint (more like thumbprint!). They use the same battery pack (6 AAs), AC and DC adapters (9V), and have a similar look and feel, including the antenna connector (BNC), earphone connector (1/8"), and squelch and volume knobs. Both radios can be modified to restore full 800 MHz coverage, and modifications exist to eliminate the beep and improve the sound.

What's BAD about BOTH the Pro 39 & the Pro 43:
==========

Although a modification exists to defeat the beep confirmation tone, a switch to enable or disable it would have been nice. The sound of the beep when using headphones or an external speaker is quite obnoxious, but the beep is somewhat useful during programming, since the buttons are rather small.

The belt clip is a piece of trash. Granted, it only costs a dollar to replace (at Radio Shack); I've spent three dollars more than I care to have spent on this weakly designed part. Luckily, its failures have not caused any damage to the radio itself, a very real possibility.

The internal speaker's in both radios suck.

On my Pro 39, I once was removing the batteries while the power was on, and I lost all the frequencies! I am unsure whether this can happen to the Pro 43, but I recommend turning the power off before taking the battery pack out and leaving it off until the pack is securely in place.

When in PRIORITY mode, the scanners often "leap" from a frequency with a solid carrier. Also, during the "sampling" of the priority channel, the radio often "misses" a pressed button, requiring you to press it again. These little "bugs" occur also on the Pro 2006.

What's GOOD about the Pro 39:
==========

The Pro 39 has a lower price.

The Pro 39 has a much easier to read LCD, at least on the radios I have seen. I returned my first Pro 43 because the display was hardly readable.

The Pro 39 uses less than half the current drain as compared to the Pro 43 (according to published specifications). This was my initial reason for

getting a Pro 39 versus a Pro 43. Where does all that power go in the Pro 43? Is it the triple conversion? Is it the triple conversion? Is it the triple conversion? Who knows?

While the internal speakers are awful in both models, my Pro 39 has a much better sound. It is, in a quiet room, even "listenable." The Pro 43 speaker "cracks up" (this may be the fault of the audio amplifier, since both radios perform well with headphones or an external speaker).

The general "behavior" of the Pro 39 seems a bit more "positive" to me, although I have owned this radio much longer than my Pro 43. When scanning, pressing LOCKOUT works immediately on the Pro 39, while it seems to hesitate a brief moment on my Pro 43.

What's GOOD about the Pro 43:
==========

The Pro 43 has a few extra front panel features that are nice, like an AM/FM button. The Pro 39 "assumes" AM mode in certain frequency ranges, and this mode cannot be "overridden" with a button like the Pro 43.

The Pro 43 scans in both directions, from lower to higher channels (default "wakeup" mode, like the Pro 39) and also from higher to lower channels. This is a subtle but very handy feature that allows you simple way to "bounce" back and forth between two closely spaced "hot" frequencies.

The Pro 43 features triple conversion (versus double on the pro 39). I didn't think this was a big deal, especially if you live in a "little" town like I do, and I still don't think it's a big deal if all you do is scan the programmed channels. Where triple conversion pays off is during searches, but since neither radio has "frequency lockouts" during search mode, both radios will "hang" on dead carriers, birdies, etc. during searches.

The Pro 43 has a shorter antenna (about 1/2" shorter). It is also narrower (about 1/8" narrower).

The Pro 43 "remembers" the channels without batteries, although many times I have left my Pro 39 on all night (after the batteries expired) and the frequencies were still there. Maybe I am just lucky.

The Pro 43 has better frequency coverage (see the Radio Shack Catalog).

The Verdict:
==========

The Pro 39 is less expensive but it only uses double conversion. The Pro 43 uses triple conversion, and yet it uses more power, has a more difficult to read LCD, and sounds worse using the internal speaker. While some great discounts can be had on both of these radios, I strongly recommend holding and operating both radios side by side before buying, and, if I had to do it again, I would buy them in person, since it appears that each radio varies in its LCD display and sound quality.

_____
"An intelligent chess computer would ask, `Why does White always go first?'"
jqtaylor@hpdmd48.boi.hp.com John P. "Quill" Taylor Writer at Large
"When in doubt, do as doubters do." -jqt
__Catch & Release___73s___Sonata in G___Scotch Gambit___C-spine 1972__Szia__

119. Re: Scanner Clubs?

Newsgroup: rec.radio.scanner
Date: 1994-01-06 15:01:43 UTC
From: ah013@yfn.ysu.edu
Message-ID: <2gh94n$m0o@news.ysu.edu>
Source record: 278074

I would like to obtain information on the All Ohio Scanner Club or whatever else is available. Reply via e-mail. Thanks

120. Re: Antenna's for listening to 46.8 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-01-06 15:07:25 UTC
From: damelio@bedford.progress.com
Message-ID: <2gh9fd$6v7@pscgate.progress.com>
Source record: 278070

```
Resident MacWizard (301) 286-4405 (danclark@nssdca.gsfc.nasa.gov) wrote:
: I am considering constructing a 5 foot vertical antenna to listen to
: the 46 and 49 MHz frequencies in my car. Would I see a noticeable
: difference between this homemade antennae and the multiband mobile
: antennae at Radio Shack? This antennae will be hooked to a BC200XLT.

I live in an area that has heavy low band use. My area Police and fire are
at 39Mhz, and State Police still use 42-44Mhz. I cut a RS CB stainless
whip to 70 inches to produce a broad band quarter wave. It outperforms
anything (on these bands) that I have ever used.

--

-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
Steve D'Amelio "Just strap your hands round my engines"
damelio@progress.com -Bruce

66 Olds88 -> 64 Comet -> 73 Duster -> 69 Chevelle -> 76 Omega -> 82 Ford EXP ->
84 T-Bird -> 83 Mustang -> 69 CJ-5 -> 85 Bronco -> 69 Mustang -> 88 Mustang ->
70 Mustang -> 85 Mitsu PU -> 91 Rodeo (So what's the pattern???)
=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
```

121. Re: Is Radio Shack Still Selling PRO-34's

Newsgroup: rec.radio.scanner
Date: 1994-01-06 15:32:26 UTC
From: hamekenn@cwis.isu.edu
Message-ID: <2ghaua$ajo@cwis.isu.edu>
Source record: 278071

In article <edgrantCJ65L7.2tH@netcom.com>,
Edward L. Grant Jr <edgrant@netcom.com> wrote:
> I heard that Radio Shack was clearing the PRO-34's. Does anyone know if
>they can still be bought?
>--
Radio Shack closed out the PRO-34's about two and a half years ago.
Every once in a while you can find one floating around, but you'll
probably have to get one from a private individual. I've had my PRO-37
for two years now, I work for Radio Shack, and we no longer carried the
PRO-34 when I bought my PRO-37. The PRO-34 is a good scanner, so don't
give up the search for one. Good luck.

--
****
** Kenneth J. Hamelin -- or -- HAMEKENN@UCS.ISU.EDU **
****

122. Re: PRO34 Microphonics & Marine VHF Freqs

Newsgroup: rec.radio.scanner
Date: 1994-01-06 15:46:40 UTC
From: billp@voyager.chm.clarkson.edu
Message-ID: <1994Jan6.154640.24465@news.clarkson.edu>
Source record: 278072

From article <CJ5z9t.345r@austin.ibm.com>, by blood@austin.ibm.com ():
>
> Anyone familiar with the Microphonic problem I have at 800MHZ with the PRO-34

> Also, I need the VHF marine freqs, especially ch 16 (most used)
> I believe they are in the 150 MHZ range. Thanks.

channel 16 may be the most used, but probably shouldn't be. It is the
international distress and calling freq. It can be used for other than
emergencies, but only to make initial contact.

Don't know about your microphonics problem, I'll let someone else answer
that, but I do have some of the marine VHF freqs. I've been looking
for them myself and found the following in "Radio Aids to Marine
Navigation" published by the Canadian Coast Guard. I'm sure the
frequency allocations are the same as in the US for the lower, simplex
channels, but the use and allocation of some of the upper, duplex
channels may vary. Also, my list may be incomplete. Additions or
corrections from anyone are welcome.

ch 6 156.3
ch 8 156.4
ch 9 156.45
ch10 156.5
ch11 156.55
ch12 156.6
ch13 156.65
ch14 156.7
ch16 156.8

special use and duplex channels:

ch ship freq. shore sta. use

21B none 161.65 weather and NOTSHIP broadcasts
22A 157.1 157.1
25B none 161.85 weather and NOTSHIP broadcasts
26 157.3 161.9
27 157.35 161.95
83B none 161.775 weather and NOTSHIP broadcasts
85 157.275 161.875
87 157.375 161.975
88 157.425 162.025

NOTSHIP is a "notice to shipping." Also of interest are the NOAA
weather broadcasts on 162.400 and 162.550 MHz. (I think there are

also other, lesser used freqs between these two primary ones.)

That's all I've got so far, but am also looking for more complete info.

Thanks...
-billp

123. Las Vegas freqs.??

Newsgroup: rec.radio.scanner
Date: 1994-01-06 16:22:20 UTC
From: lenny@pmafire.inel.gov
Message-ID: <1994Jan6.162220.3401@pmafire.inel.gov>
Source record: 278073

I will be in Las Vegas next week and would appreciate local
frequencies.

e-mail: lenny@pmafire.inel.gov

124. Re: Russian space-walk frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-01-06 16:24:43 UTC
From: russell@spdcc.com
Message-ID: <CJ7ux7.58s@spdcc.com>
Source record: 277925

Just a small correction:

In article <2geei7$r9j@umcc.umcc.umich.edu>,
Matthew Scott Weisberg <moodyblu@umcc.umcc.umich.edu> wrote:
>145.55MHz is what Amateur Radio Operators listen on when communicating with
>MIR and the Space Shuttle. It is the downlink frequency. Sometimes there
>is voice, sometimes there is Packet. HAMs use different frequencies as
>uplink frequencies. The next shuttle mission will have a SAREX experiment

This is NOT the case for Mir, but it is correct for the SAREX missions.
Mir contacts are always done simplex on 145.55. On SAREX missions there
are several uplink frequencies and you have to pick one roulette-style.
If you're on the right one, you may get a contact, if not, you're outta luck.

--
Tim Russell russell@spdcc.com
Most people would rather have comfort than freedom. The paradox is that you
can't really have the former, in the long term, unless you have the latter.
-- Amanda Walker

125. Uniden Bearcat 100xl scanner

Newsgroup: rec.radio.scanner
Date: 1994-01-06 17:52:36 UTC
From: aragorn@csd4.csd.uwm.edu
Message-ID: <2ghj54INN8c7@uwm.edu>
Source record: 277928

I recently acquired a Bearcat 100xl scanner from a friend and I have a few questions about the unit since I'm a bit unfamiliar with scanners, generally.

1.) On the back of the unit it states that I must use rechargeable batteries. Is this the case or is this just a suggestion because of the nature of the unit?

2.) I am in need of a listing of police/emergency listening frequencies for my area, Milwaukee, Wisconsin. Are there any published lists or anything similar on the Net via ftp/gopher?

3.) Is this an older unit which would make finding the ops manual for it diffucult?

Please reply via e-mail since I don't read this newgroups regularly. I'd be happy to re-post any replies back to the newsgroup. Thanks in advance...

--
e x t r a p o l a t e steve j. white

Gort, klaat barada nictu. aragorn@csd4.csd.uwm.edu

126. Re: Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-01-06 18:21:09 UTC
From: ylo@osiris.kbfi.ee
Message-ID: <2ghkql$ngb@osiris.kbfi.ee>
Source record: 277929
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Ira Machefsky (ira@src.dec.com) wrote:
> Does anyone know if this procedure will fix the problems with the sync detector
> of a Satellit 700, too? Also, does anyone know of a commercial outfit that
> will do these mods for the faint of heart?

> regards,
> Ira

What exactly are the problems with the sync detector of Satellit 700?
I have never tried it, but might make some guesses based on the
circuit diagram and experience with Satellit 500.

With best regards,
Ylo Mets. ylo@osiris.kbfi.ee

Institute of Chemical Physics & Biophysics,
Tallinn,
Estonia.

127. Re: Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-01-06 18:56:06 UTC
From: ira@src.dec.com
Message-ID: <2ghms6$q2h@src-news.pa.dec.com>
Source record: 277931
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Problems with the Sync detector of the Grundig Satellit 700:

Rumble and distortion of ~10% when the Sync circuit is activated.

regards,
Ira

128. Re: Car Antenna

Newsgroup: rec.radio.scanner
Date: 1994-01-06 20:56:54 UTC
From: moore@spk.hp.com
Message-ID: <CJ87Iv.CGG@spk.hp.com>
Source record: 277933

Has anyone had any experience with the little devices that 'split'
your car antennas coax into two cables, one that goes into the scanner
and the other goes to the radio. Radio Shack sells one for a few dollars,
and so does Grove.
--
+-----------------------------------+---------------------------------+
| Bill Moore | email: moore@hpspkla.spk.hp.com |
+-----------------------------------+---------------------------------+

129. Bearcat BC-140 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-01-06 20:59:40 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <CJ87nG.1KHK@yuma.ACNS.ColoState.EDU>
Source record: 277932

I just got a Bearcat BC-140 scanner for nothing, and I'm wondering if there are any modifications known for it. Muchos Gracias
Galen, KF0YJ

130. WeatherFax and other data??

Newsgroup: rec.radio.scanner
Date: 1994-01-06 21:47:28 UTC
From: billp@voyager.chm.clarkson.edu
Message-ID: <1994Jan6.214728.7731@news.clarkson.edu>
Source record: 277934

Matthew Scott Weisberg <moodyblu@umcc.umcc.umich.edu> wrote:
>145.55MHz is what Amateur Radio Operators listen on when communicating with
>MIR and the Space Shuttle. It is the downlink frequency. Sometimes there
>is voice, sometimes there is Packet. HAMs use different frequencies as
>uplink frequencies. The next shuttle mission will have a SAREX experiment

Speaking of packets, downlinks, and data from space in general, does
anyone know where to find (what freqs) for weatherfax and other
digdata? Baud rates and other settings? Anyone have any luck reading
any of this with computer and modem?

-billp

131. Re: Car Antenna

Newsgroup: rec.radio.scanner
Date: 1994-01-06 22:43:57 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Jan6.224357.3284@rsg1.er.usgs.gov>
Source record: 277935

In article <CJ87Iv.CGG@spk.hp.com>, moore@spk.hp.com (Bill Moore) writes:
|> Has anyone had any experience with the little devices that 'split'
|> your car antennas coax into two cables, one that goes into the scanner
|> and the other goes to the radio. Radio Shack sells one for a few dollars,
|> and so does Grove.
|> --
|> +----------------------------------+----------------------------------+
|> | Bill Moore | email: moore@hpspkla.spk.hp.com |
|> +----------------------------------+----------------------------------+

I have one and like it. Recently I was curious how it compared to a 'real'
scanner antenna, so I switched to a magnetic mount full coverage whip
on the roof of my van. The splitter/car antenna worked much better, so
that is what I continue to use. I suppose that my brief use did not
give it a fair evaluation on all bands - but UHF and VHF-LO were stronger
with the splitter.

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

132. BC 100XLT Low Bat Mod --- Help me Identify The right DIODE!!!!

Newsgroup: rec.radio.scanner
Date: 1994-01-07 00:41:52 UTC
From: Mack.Goodman@launchpad.unc.edu
Message-ID: <2gib4g$ndg@samba.oit.unc.edu>
Source record: 277936

I have seen all the mods on this fix and I have taken the scanner
apart twice but I cannot find what I'm suppose to.

Could someone who has actually done the mod help me please.....

Thanks so much... I'm so tired of the thing going off after 1 hour
of usage.

Mack
.
please reply to my addres above mack.goodman@........
thnaks
Mack

--
The opinions expressed are not necessarily those of the University of
North Carolina at Chapel Hill, the Campus Office for Information
Technology, or the Experimental Bulletin Board Service.
internet: laUNChpad.unc.edu or 152.2.22.80

133. Why are CB, AM/FM, and TV blocked?

Newsgroup: rec.radio.scanner
Date: 1994-01-07 01:58:49 UTC
From: sjaves@mason1.gmu.edu
Message-ID: <2gifkp$37e@portal.gmu.edu>
Source record: 277937

I hope this isn't a FAQ but why do scanners have these bands blocked?
Is there a mod for the pro 46 to restore them?
Thanks.

134. price charles

Newsgroup: rec.radio.scanner
Date: 1994-01-07 02:14:51 UTC
From: imcgover@bunyip.atnf.csiro.au
Message-ID: <1994Jan7.021451.20608@rp.CSIRO.AU>
Source record: 277951

HRH Prince Charles will be paying my small little town a visit in a couple
of weeks. Can anyone help with what frequencies may be used by his merry men.
(MI5,MI6 etc)??
They have already gone around town a couple of months ago and videoed where he would be and other streets in the town so this is a once in a lifetime chance for many of us here!

135. This Week on Spectrum 01/08/94

Newsgroup: rec.radio.scanner
Date: 1994-01-07 02:57:04 UTC
From: spectrum@starcomm.overleaf.com
Message-ID: <2gij20$41e@starcomm.overleaf.com>
Source record: 277953
Cross-posted to:
rec.radio.shortwave,rec.video.satellite,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,alt.radio.pirate,alt.radio.scanner

This week's Spectrum will feature an interview with Ian Mcfarland. Ian has been a very popular fixture in the swl scene for almost a quarter of a century with his programs on Radio Canada International and Radio Japan. His following in the communications hobbyist community is great and you will have an opportunity to talk with him this Saturday on Spectrum.

Spectrum airs on WWCR 5.810 MHz at 03:00 UTC Sundays. If you have access to a satellite dish you can hear the program on the Omega radio network on Galaxy III transponder 17 at 5.8 wideband audio.
--
Spectrum, "The Communications Magazine You Read With Your Ears."
WWCR, Nashville, TN, USA, 5810 KHz.
Omega Radio Network, Galaxy III, Ch 17, 5.8 MHz., Wide Band Audio
03:00 UTC Sunday, 22:00 EST Saturday.
Box 722, Holmdel, NJ, 07733-0722, USA
spectrum@overleaf.com, askspectrum@attmail.com, spectrumshow@genie.geis.com
+1 800-787-SPECTRUM, +1 908-671-4209

136. Re: Antenna's for listening to 46.8 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-01-07 03:16:51 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2gik73$rtr@samba.oit.unc.edu>
Source record: 277938

Well, Good idea (and especially a good drawing (yes, you're bored) of the car) about the 5' fiberglass. My idea: take a regular 5 foot or so CB antenna and use unmodified. Lot faster to mount when the clip's already there...

Anyway, it's tuned only 19 MHz away (since CB is at 27 MHz), so reception is still very good. I can hear cordless (your frequency tells me that) phones probably a good half mile or more away, and baby monitors quite clearly as well. The reception on 155 MHz and even on 450-460 MHz is quite better than rubber duckie inside of a car, lying down on the seat. It must work on the basic idea that the more metal up there, the better, even if it's not tuned for that frequency. With the CB antenna, I can hear the low powered mobile handheld repeaters at 458 Mhz at a range of some three miles, and they're meant for extremely short-range communications by the state PD. So I always use the CB antenna as is, and am quite pleased by results (and cost, too, since someone was throwing it out a couple years ago... :)

Sherrod

--
The opinions expressed are not necessarily those of the University of North Carolina at Chapel Hill, the Campus Office for Information Technology, or the Experimental Bulletin Board Service.
internet: laUNChpad.unc.edu or 152.2.22.80

137. PRO34 Microphonics & Mar

Newsgroup: rec.radio.scanner
Date: 1994-01-07 03:58:08 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <757938818.AA01732@chigate.fidonet.org>
Source record: 277944

BL>Anyone familiar with the Microphonic problem I have at 800MHZ with the
PRO-3
BL>and how to fix it. (If you tap on the case, you hear it in the speaker)
BL>I suspect that something is needing some glue.

BL>Also, I need the VHF marine freqs, especially ch 16 (most used)
BL>I believe they are in the 150 MHZ range. Thanks.

I had the same problem with my 34 awhile back. Apparrently, one of
the coils would vibrate when the scanner was up at full volume when
monitering 800 Mhz. I took a piece of thin foam and placed it on one
of the coils. I forget which one it is, but the best thing to do is
to open the unit and then operate the scanner in the 800 mhz band.
Then, with a screwdriver, tap around each of the coils until you hear
the feedback of the tapping. Tap a piece of foam on this coil. It
will not totally eliminate it, but will minimize it enough to be
tolerable.

Jerry...Chicago

X OLX 2.1 TD X Rush Limbaugh...'See, I told you so!! '

* Origin: Via RHO! * 708.238.1901. fnam.lnam@radiohobby.chigate.com
(1:115/747)

138. Is Radio Shack Still Sel

Newsgroup: rec.radio.scanner
Date: 1994-01-07 04:01:10 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <757938818.AA01733@chigate.fidonet.org>
Source record: 277945

ELGJ> I heard that Radio Shack was clearing the PRO-34's. Does anyone know
if
ELGJ>they can still be bought?
ELGJ>--

Hi, Ed...To my knowledge, they are all gone. They had several models
replace the '34 since then. The '37 replaced the '34. Then I believe
the '39 replaced the '37.

Jerry...Chicago

X OLX 2.1 TD X Uh, we're like closed or something...

* Origin: Via RHO! * 708.238.1901. fnam.lnam@radiohobby.chigate.com
(1:115/747)

139. Re: *WANTED* frequency list for sf bay area

Newsgroup: rec.radio.scanner
Date: 1994-01-07 04:32:42 UTC
From: vector@hotcity.COM
Message-ID: <vector.3tqv@hotcity.COM>
Source record: 277939

```
On Mon 3-Jan-1994 2:29 , rocky mullin wrote:
rm> i just purchased my first scanner and now i am
rm> going to set out to program it. i live in san
rm> francisco, and would like a list of frequencies
rm> used by local agencies. fire, rescue, police
rm> and ambulance are of particluar interest, but
rm> hopefully another sf area scanner fan can turn
rm> me on to other interesting frequencies.

rm> thank you in advance!

rm> cali
rm> caliban@soda.berkeley.edu

send me email and i will give you the information you want for the entire bay
area.

greg

vector@hotcity.com
```

140. Re: Scanning cable?

Newsgroup: rec.radio.scanner
Date: 1994-01-07 06:51:00 UTC
From: carter@scilab.lonestar.org
Message-ID: <PVsRFc1w165w@scilab.lonestar.org>
Source record: 277958
Cross-posted to: alt.radio.scanner,rec.radio.scanner

mike@garfield.csuohio.edu (mike mayer) writes:

> linley@netcom.com (Bruce James Robert Linley) writes:
> : As one of the last people without cable TV, I was wondering. Has anyone
> : plugged the cable into their scanner and found anything other than TV
>
> A while ago I plugged my 75ohm cable jack into my scanner and searched
> from 30-960MHZ (took about a half our), but all I heard was cable tv
> audio, the howl of the video signals, and a variety of what sounded
> like data transmissions.

I did the same a few months ago. And I compared the contents of my
cable TV outlet with the feed at my folks house in another community
(about 150 miles from here).

I didn't find anything out of the expected on either system - nothing that
wasn't available on a TV or FMBC receiver. However, the experiment was not
a complete failure. We had not previously hooked up FMBC radios to our
cable systems, so we were unaware of what was being fed to us on that band.
Here in Arlington (just outside Dallas), there are a couple of really nice
FMBC stations being fed from satellite that I have taken to.

At the folks place in Kilgore, I found a couple of the Dallas stations that
were not ordinarily receivable using "consumer-grade antennas."

I am pleased to note that there is minimal interference on either CATV
system from those leaky, inconsiderate civil aviation stations. :-)

Cheerio!

Carter R. Bennett, Jr. [Scientist]
carter@scilab.lonestar.org
KI5SR

141. Re: television interference on pro43

Newsgroup: rec.radio.scanner
Date: 1994-01-07 07:09:34 UTC
From: mulligan@ACM.ORG
Message-ID: <2gj1re$bhb@hopper.acm.org>
Source record: 277943

caliban@soda.berkeley.edu (rocky mullin) said:

> in a couple of places in the cellular range, 876.060mhz, 885.660mhz and
> 895.260mhz, i am getting a rather strong audio signal for sanfrancisco's
> tv20 television station.

I'm afraid the TV ch 20 image is a known problem with the PRO43 (and
the PRO-2005/6). The strong TV signal is entering through the case and
mixing with the 2nd local oscillator. At one point in the tuning range
this produces an image that the 2nd I.F. accepts. Since the 2nd L.O.
repeatedly scans through a 3.2 MHz range as you tune, the image occurs
repeatedly, at 3.2 MHz intervals.

You could: 1) shield the inside of the case (foil, copper, shielding
spray); 2) move; 3) improve the S.F. skyline with some TNT; or 4) learn
to live with it.

/* barry /&
ordinarily: mulligan@acm.org
but: 70035.140@compuserve.com until ACM finds a new hamster

142. Sony ICF-Pro 80

Newsgroup: rec.radio.scanner
Date: 1994-01-07 13:01:40 UTC
From: gswarbrick@cix.compulink.co.uk
Message-ID: <CJ9G6s.GLM@cix.compulink.co.uk>
Source record: 277947

Does anyone know if the Frequency Convertor doodad for this set (FRQ-80)
is available as a separate item? My 2 year old just prematurely ended
the useful life of mine...

143. Microphics & coils

Newsgroup: rec.radio.scanner
Date: 1994-01-07 15:38:28 UTC
From: bmiller@landesk.intel.com
Message-ID: <2gjvlk$evb@ornews.intel.com>
Source record: 277946

The foam sounds like a fine solution, but keep in mind that these are TUNED COILS you are playing with. Any alteration of their shape in any way can alter their performance. i.e. It will change the way your scanner receives or filters RF signals (however for RS scanners you might improve things :O).

Brett N7OLQ

144. FREQUENCY REQUEST

Newsgroup: rec.radio.scanner
Date: 1994-01-07 17:46:00 UTC
From: pdconra@lims01.lerc.nasa.gov
Message-ID: <7JAN199412464657@lims01.lerc.nasa.gov>
Source record: 277948

DOES ANYONE KNOW THE FREQUENCY FOR CHANNEL 4 OF THE NORTH OLMSTED POLICE DEPARTMENT IN OHIO. THE BOOK I GOT FROM RADIO SHACK LISTS CHANNELS 1-3 BUT NOT 4.

THANKS,

DENNIS

145. Re: Scanner Clubs?

Newsgroup: rec.radio.scanner
Date: 1994-01-07 18:21:35 UTC
From: plaws@comp.uark.edu
Message-ID: <Pine.3.89.9401061000.A24932-0100000@comp>
Source record: 277949

> Hi, I was wondering if anyone could tell me how to join a
> fairly large scanner club. I used to be a member of SCAN, but
> I don't think it exists anymore. I've heard of several but have

Alas, the Scanner Association of North America is no more, followed
Electra Bearcat into oblivion ...

RCMA is here tho', and AOSC is a good club, too. AOSC even has email.
But I don't volunteer for them, I volunteer for RCMA, so here is their
brag tape.

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Peter Laws <plaws@comp.uark.edu> | "That's the President of the United States
n5uwy@ka5bml.#nwar.ar.usa.noam | you're talking about, pinhead."-VP Al Gore
---

Radio Communications Monitoring Association

Established in 1975, we are "The First National and International
Organization of Monitor Radio Listeners" to quote the front cover of the
Scanner Journal, our monthly, 45+ page news magazine.

The club is primarily aimed at monitoring VHF/UHF Public Safety in all
fifty states, Canada, and the rest of the known galaxy.

That is not to say that we are exclusively for Public Safety monitors! We
also have columns for beginners, Marine band enthusiasts, Air buffs,
Railroad monitors, HF non-broadcast, even a column on Space
Communications.

The staff is completely volunteer and the magazine relies solely on data
submitted by members.

Dues are $24/yr.

To subscribe or to get a sample issue (US$2.00), Write to:

RCMA
PO BOX 542
Silverado CA 92676

And please mention that you read about the club on the internet!

Peter Laws,
Associate Editor - Arkansas,

RCMA _Scanner Journal_,

146. Re: WeatherFax and other data??

Newsgroup: rec.radio.scanner
Date: 1994-01-07 18:25:17 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Jan7.182517.24882@rsd0.rsd.dl.nec.com>
Source record: 277950

In article <1994Jan6.214728.7731@news.clarkson.edu>, billp@voyager.chm.clarkson.edu (Bill Plunkett) writes:
|> Speaking of packets, downlinks, and data from space in general, does
|> anyone know where to find (what freqs) for weatherfax and other
|> digdata? Baud rates and other settings? Anyone have any luck reading
|> any of this with computer and modem?
|>

Yes. Many folks get their weather data live from APT (automatic picture transmission) satellites. These birds are polar orbiters and use freqs in the 137MHz range. Most scanners are not useful for this purposes however since they do not have a wide enuf bandwidth for the doppler shifted signal. However, a simple demodulator, a IBM PC and suitable software can easily decode the signal. Most of the geostationary birds use 1650MHz for the down link, again making most scanners unusable. Contact Software Systems Consultants for good weather satellite software. For THE book on weather sats, check out Dr. Ralph Taggarts Weather Satellite Handbook (published by the ARRL).

==========
Dave Rogers
M & R Software, Inc.
Internet: dave@rsd.dl.nec.com
On contract to: NEC America, Radio Software Dept

If you can't see the sky from where you work it's time to change jobs.

147. Re: Antenna's for listening to 46.8 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-01-07 21:02:25 UTC
From: g5g192@rick.cs.ubc.ca
Message-ID: <2gkil2$eul@cs.ubc.ca>
Source record: 277952

Ok... a question about this then. I have a Pro-43. How would I go about using an external (ie. on the car) antenna? I'd get the antenna and install it, but what then? Is there a simple connector to connect it (the antenna) to the antenna connector on the pro-43?

thanx!

148. Re: Antenna's for listening to 46.8 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-01-07 21:44:02 UTC
From: bmiller@landesk.intel.com
Message-ID: <2gkl32$2jc@ornews.intel.com>
Source record: 277954

In article <2gkil2$eul@cs.ubc.ca> g5g192@rick.cs.ubc.ca (Omid Ramin) writes:
>Ok... a question about this then. I have a Pro-43. How would I go
>about using an external (ie. on the car) antenna? I'd get the
>antenna and install it, but what then? Is there a simple connector
>to connect it (the antenna) to the antenna connector on the pro-43?
>
>thanx!
>
>

The antenna will have a coax cable attached to it. If you use a Mag mount then the cable will need to enter the car through a window or door. On the end of the cable will be a BNC or PL-259 connector. If it is a PL-259 (UHF) connector, then you need to get a UHF to BNC adaptor. The antenna connector on the top of your Pro-43 is a BNC (female). You just lock the connector on to your scanner the same way your rubber antenna attaches.

Brett N7OLQ

149. 800 MHZ Modification for Pro-2026 mobile Needed.

Newsgroup: rec.radio.scanner
Date: 1994-01-07 22:41:17 UTC
From: an4837@anon.penet.fi
Message-ID: <224321Z07011994@anon.penet.fi>
Source record: 277955

Hi,

I would like to modify my Pro-2026 to obtain full 800 Mhz coverage.
Let me know if you have done the modification and how well it worked.
I have never opened this scanner up as I just got it for chrismas.

Louis

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

150. Re: Scanning cable?

Newsgroup: rec.radio.scanner
Date: 1994-01-08 00:38:27 UTC
From: dvss!jtroy@udel.edu
Message-ID: <940107.193827.9F3.rusnews.w165w@dvss.UUCP>
Source record: 277970
Cross-posted to: alt.radio.scanner,rec.radio.scanner

linley@netcom.com (Bruce James Robert Linley) writes:

> As one of the last people without cable TV, I was wondering. Has anyone
> plugged the cable into their scanner and found anything other than TV
> audio such as cable co. workers, packet radio, etc.? Also, would the
> so-called "bullet" pose any threat to scanners on the cable?

There is no such thing as the "so-called bullet" at least not in the sense
of the cable company sending something damaging to electronic equipment
down the line. If the cable company was doing this, and destroying people's
TVs and VCRs, it would be law-suit city. The "bullet" that people refer
to is simply the cable company finding a new way to block a test chip
from receiving unauthorized channels. The name sounds threatening, but
you probably have more to worry about from unexpected noise on the line.
--
Jay Troy
Internet: ...!udel.edu!dvss!jtroy (jtroy@dvss.UUCP)

151. help with email to Bob Parnass

Newsgroup: rec.radio.scanner
Date: 1994-01-08 01:28:50 UTC
From: "Frank Cusack Jr." <fcusack@psu.edu>
Message-ID: <2gl28i$93c@genesis.ait.psu.edu>
Source record: 277956

Help!
I am trying to send email to Bob Parnass, who maintains the FAQs on this
newsgroup, but I keep getting host unkown.

The address I have is <parnass@ih4gp.att.com>.
Can anyone verify this address or give me another?

Thanks in advance, Frank.

152. Re: THOUGHTS ON RS PRO 43 SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-01-08 02:09:43 UTC
From: norman@cs.toronto.edu
Message-ID: <94Jan7.210921est.48141@neat.cs.toronto.edu>
Source record: 277957
Cross-posted to: alt.radio.scanner,rec.radio.scanner

A minor nit in John Taylor's posting: his claim that the Pro 43's standby mode involves an 85% duty cycle (5 seconds running at full current, one second of standby) is contradicted by both manual and measurement. The manual claims that the cycle is .25 sec at full current, one second at standby, `which uses only 30% of the normal power.' I don't have a meter that's responsive enough to measure that sort of interval exactly, but I can see that the time at full current is quite short, much less than a second, and can measure that the whole cycle (full-current time plus standby time) takes about 1.2 or 1.3 seconds. (More exactly, 30 cycles take about 38 seconds, with some unknown eye-hand-coordination lag.)

My experience is that even when scanning (but with relatively few signals, and with the volume low) I can get at least 12 hours of continuous use out of a fully-charged set of brand X rechargables.

Norman Wilson
University of Toronto
norman@utirc.utoronto.ca

153. Problem with Scanning in Car

Newsgroup: rec.radio.scanner
Date: 1994-01-08 05:22:55 UTC
From: g5g192@rick.cs.ubc.ca
Message-ID: <2glfvf$hdh@cs.ubc.ca>
Source record: 277959

I'd think this is a pretty frequent problem, but perhaps there's a way around it. When I'm scanning things in my car (say outside someone's house listening to a cordless phone) as soon as I turn on the car, I lose most of the signal. I think the car is putting out lots of interference because even when I unplug the power cord and work it off the batteries, it's no better.

I have a 1990 Subaru Legacy, and a Pro-43 Scanner.

Also, will getting an external antenna solve this problem? thanx!

154. Re: Antenna's for listening to 46.8 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-01-08 05:33:54 UTC
From: g5g192@rick.cs.ubc.ca
Message-ID: <2glgk2$hgj@cs.ubc.ca>
Source record: 277960

I tried sending you email, but it didn't work, so here's what I
was going to ask:

BM> The antenna will have a coax cable attached to it. If you
BM> use a Mag mount then the cable will need to enter the car
BM> through a window or door. On the end of the cable will be a
BM> BNC or PL-259 connector. If it is a PL-259 (UHF) connector,
BM> then you need to get a UHF to BNC adaptor. The antenna
BM> connector on the top of your Pro-43 is a BNC (female). You
BM> just lock the connector on to your scanner the same way your
BM> rubber antenna attaches.

Two more questions. =). First of all, I can get all this at Radio
Shack, or is there somewhere else I should go to? Second of all,
how is the antenna going to mount? Will it damage the car in any
way? And where's the best place to mount the antenna? thanx!

155. Hey! Smart guys! Look inside!

Newsgroup: rec.radio.scanner
Date: 1994-01-08 06:04:30 UTC
From: remo@andromeda.rutgers.edu
Message-ID: <Jan.8.01.04.30.1994.12713@andromeda.rutgers.edu>
Source record: 277963

Regency model HX2200, stated freq. range of 118-174, 406-512, 800-950.
All uninterrupted. Cellular isn't the problem.

Is there any way to get the 36-56mhz range on this baby? If so, I can
finally put it into circulation.

-Remo

156. Re: Antenna's for listening to 46.8 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-01-08 09:12:26 UTC
From: kbudd@vnet.net
Message-ID: <2gltdq$qc1@rtp.vnet.net>
Source record: 277961

Sherrod Munday (Sherrod.Munday@launchpad.unc.edu) wrote:
: Well, Good idea (and especially a good drawing (yes, you're bored) of the
: car) about the 5' fiberglass. My idea: take a regular 5 foot or so CB
: antenna and use unmodified. Lot faster to mount when the clip's already
: there...

Thanks! :)

: Anyway, it's tuned only 19 MHz away (since CB is at 27 MHz), so reception
: is still very good. I can hear cordless (your frequency tells me that)
: phones probably a good half mile or more away, and baby monitors quite
: clearly as well. The reception on 155 MHz and even on 450-460 MHz is
: quite better than rubber duckie inside of a car, lying down on the seat.
[Rest of desc. deleted]

Yeah, I also have a K40 on the roof of my car, and I used it for a
while.. My experience with using CB antennas is that the loading coil on
the base of the antenna tends to "eat" some of the signal.. esp. in the
higher freq's.. (Please excuse my crude terminology there, but I dunno
how else to describe it.) It did work well for the 46MHz band though,
since (as you stated) is isn't _too_ far off frequency.

Happy scanning!
Kenneth (I'll draw a side view of my car next time!) Budd -/- kbudd@vnet.net

157. Re: THOUGHTS ON RS PRO 43 SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-01-08 10:00:08 UTC
From: mulligan@ACM.ORG
Message-ID: <2gm078$ke5@hopper.acm.org>
Source record: 277962
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Some additional experience with a PRO-43's current consumption -

Condition Test 1 Test 2

Maximum audio 140 ma 150 ma
Normal audio 105 90
Squelched 82 85
Battery saver 80/6.3 80/6.5

Assuming the 20% duty cycle specified in the manual, the battery saver mode (manual, no signal) uses an average 21 ma.

Starting from a fresh full charge on standard Radio Shack NiCds, a continuous test (scan mode, minimum squelch, minimum volume i.e. receiving but no audio) produced a battery warning at 6h 4m and a dead radio 9m later. Assuming a current draw of ~90 ma, this is 540 mAh. The batteries are rated as 600mAh, which is in reasonable agreement.

Based on this, you can expect ~6 hrs scanning from 600mAh cells, depending on signal activity and volume. The battery saver mode could run for ~24 hrs on a quiet channel. Scale these figures up for higher capacity batteries.

/* barry /&
mulligan@acm.org

158. Command 3?

Newsgroup: rec.radio.scanner
Date: 1994-01-08 10:34:42 UTC
From: djc@terapin.com
Message-ID: <djc.23ky@terapin.com>
Source record: 277964
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Got a question for people living and monitoring the San Jose Fire Department down in the South Bay of California. From Here in Oakland, I monitor 154.010 which is San Jose's Main Fire Freq I believe and they always want units to respond on Command 3 and command 4. If you hear them and have all their frequencies can you please let me know all of them?

djc@terapin.com Out!

159. Re: PRO34 Microphonics & Marine VHF Freqs

Newsgroup: rec.radio.scanner
Date: 1994-01-08 10:54:49 UTC
From: djc@terapin.com
Message-ID: <djc.23l7@terapin.com>
Source record: 277965

blood@austin.ibm.com () writes:

>Also, I need the VHF marine freqs, especially ch 16 (most used)
>I believe they are in the 150 MHZ range. Thanks.

These run from 156.300 which is channel 6 to 157.300 or so. The spacing is 300 325 350 etc. 156.800 is channel 16. There is good listening on this band especially if you live near the water front. Try 156.350, channel 7, 156.600, channel 12, 156.650, channel 13, 156.425, channel 68 and others for hot action. Be sure to scan between 161.800 and 161.995 for ship to shore phone action. I have been listening for years to this stuff.

djc@terapin.com Out!

160. San Jose Fire Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-08 13:37:28 UTC
From: daevans@hertz.elee.calpoly.edu
Message-ID: <1994Jan08.133728.146709@zeus.aix.calpoly.edu>
Source record: 277966
Cross-posted to: alt.radio.scanner,rec.radio.scanner

San Jose Fire Department Frequencies:

Ch. 1: 154.280 White/Mutual Aide - Statewide
Ch. 2: 154.010 Fire Dispatch
Ch. 3: 154.115 Fire Command 3
Ch. 4: 153.980 Fire Command 4 / Fire Repeater
Ch. ?: 155.880 Tactical 1
Ch. ?: 153.845 Blue/Mutual Aide w/Central, Milpitas...Fire
Ch.13: 151.445 CDF Local Net - Santa Clara County

I do not have the programming sheet here with me so the blanks are memory related. These, however, are the most widely used frequencies for the working fires, rescues, precautionary major medical incidents, etc.

161. FCC data on CD ROM or on disk?

Newsgroup: rec.radio.scanner
Date: 1994-01-08 15:03:09 UTC
From: Dave Shaffer <DCS4@psuvm.psu.edu>
Message-ID: <94008.100309DCS4@psuvm.psu.edu>
Source record: 277967
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I've seen some references to companies that provide FCC data
on CD ROM or on computer disks.

Has anyone dealt with any of these companies, and if so, with
what degree of satisfaction?

- Dave

162. Re: Command 3?

Newsgroup: rec.radio.scanner
Date: 1994-01-08 15:22:56 UTC
From: taaron@netcom.com
Message-ID: <taaronCJBHE8.KEw@netcom.com>
Source record: 277968
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Don Coco (djc@terapin.com) wrote:
: Got a question for people living and monitoring the San Jose Fire Department
: down in the South Bay of California. From Here in Oakland, I monitor 154.010
: which is San Jose's Main Fire Freq I believe and they always want units to
: respond on Command 3 and command 4. If you hear them and have all their
: frequencies can you please let me know all of them?

K: djc@terapin.com Out!

Control 2 = 154.25
Command 3 = 154.115
Command 4 = 153.98

--

Travis A. Wise, KB8FOU San Jose, CA
taaron@netcom.com (408) 383-8570

163. A/V receiver,cass deck,Hi-Fi VCR for sale

Newsgroup: rec.radio.scanner
Date: 1994-01-08 19:26:24 UTC
From: eb795@cleveland.Freenet.Edu
Message-ID: <2gn1d0$a27@usenet.INS.CWRU.Edu>
Source record: 277969

Sold as system only.

Sony STR-D790 Dolby Pro Logic receiver-5 channel amp, 80wpc/20wpc rear, 7 soundfield modes, full function system remote.List-$380.

Sony TC-WR690 dual well cass deck-dual reverse, dual record.Auto music search, programable playback and record,Dolby B,C and HX P ro.Full function remote control. List-$300.

Sony SLV-595HF 4 Head Hi-Fi Stereo VHS VCR.Jog/Shuttle, all fea tures you can think of, VCR+ system built in, full function remo te control.List-$600.

All equipment in great shape. Include boxes and manuals. I will sell for prepayment by money order, or will ship COD.

The system is priced at $800.

I am selling because I need money for a car.

Mail me for details.

Thank You.

--
Eric Matthews
eb795@cleveland.freenet.edu

164. Pro-43 mod for 108-118MHz

Newsgroup: rec.radio.scanner
Date: 1994-01-08 21:59:00 UTC
From: joseph.pereira@channel1.com
Message-ID: <40.365.2433.0NE15BED@channel1.com>
Source record: 277977

Subject: Pro-43 mod for 108-118MHz coverage?

>Is there a known mod for Radio Shack's Pro-43 scanner to allow coverage in
>the 108-118MHz band? There are some aeronautical frequencies of interest
>there. Some other RS Pro-xx scanners cover from 108MHz up, but the Pro-43
>starts at 118MHz for some reason.

>Thanks - any pointers would be greatly appreciated!
>-Patrick Penzias Dirks.

Hi Patrick,
The RS PRO-34 covers those bands!
Joseph

165. Re: FCC data on CD ROM or on disk?

Newsgroup: rec.radio.scanner
Date: 1994-01-09 01:00:59 UTC
From: mulligan@ACM.ORG
Message-ID: <2gnl0b$ou4@hopper.acm.org>
Source record: 277971
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Dave Shaffer <DCS4@psuvm.psu.edu> asked:

> I've seen some references to companies that provide FCC data
> on CD ROM or on computer disks.
>
> Has anyone dealt with any of these companies, and if so, with
> what degree of satisfaction?

The following information was updated in mid-October with calls to all but the last two vendors. Where feedback is indicated, it represents comments in postings to the net. When dissatisfaction was expressed, it was primarily due to misunderstanding of what the FCC file actually contains.
The Master File contains stations licensed to specific frequencies, not those assigned to an entire band (i.e. hams, aero, marine, etc). It also contains multiple entries for specific licensees where they have several call signs, xmitters or locations. The FCC file also contains some typos (e.g. Atlanta, GA was spelled 7 different ways), so a little caution in using the data is indicated.

Superintendent of Documents orders (202) 783-3238
U.S. Government Printing Office
Washington, DC 20402.
The FCC rules and regulations are available as Title 47 of the Code of Federal Regulations (47 CFR). The five volumes cost from $12 to $20 each and are revised annually. Volume 1 (Parts 0 to 19) includes the 90-page Table of Frequency Allocations. Volume 5 (Parts 80 to End) covers the various mobile services. The GPO operates bookstores in major cities.

U.S. Department of Commerce orders (703) 487-4600
National Technical Information Service rush (800) 553-NTIS
5285 Port Royal Road Fax (703) 321-8547
Springfield, VA 22161
Supplies the Master Frequency File, subsets and indexes, on microfiche and 9-track magnetic tape. The State Index microfiche is ~$55 and includes frequency, name, city, state, call sign and service code. All the mag tape files cost more than $1000. NTIS has catalog extracts available describing the various FCC files, formats and prices (ask for PR-718-2 and PR-781-1).

ITS - International Transcription Service (202) 857-3800
1919 M Street, room 246
Washington, DC. 20554

Government copy contractor providing online access to FCC Data.
V.32/V.42bis, 9600 baud @ $100/hr, 2400 @ $50/hr. SQL Access is also
available online. Searches can be performed and data downloaded in
batch via Kermit. Custom Searches are availble with results on disk,
tape, or paper; cost varies by search ($1000.00++)
[Feedback: not for the hobbyist!]

Grove Enterprises, Inc orders (800) 438-8155
P.O. Box 98 office (704) 837-9200
Brasstown, NC 28902-0098
Offers the index to the Master file for individual states. File comes
on HD floppy disk and is dBase compatible. Access program and one state
is $39.95 (49.95 for CA, TX or FL) + 3.00 s/h. Updates are $29.95. A
nationwide file included with each state order. Also offers a national
railroad file for $29.95.
Fields are - freq., name, city, county, state, latitude & longitude,
call sign and service code.
[Feedback: established vendor, offering the index files since '91,
updated yearly. Many satisified users.]

PerCon Corporation (716) 386-6015
CD Applications Division Fax (716) 386-6013
4906 Maple Springs / Ellery Road
Bemus Point, NY 14712
Offers "a full line of FCC related databases" on CDROM and floppy disk.
Available are various subsets by service, state, etc. Formats are ASCII
and dBase compatible (access program provided with the CD-ROM version).
A single state CD-ROM (all frequencies) is currently $99.95.
Fields are - frequency, service code, type code, call sign
licensee: name, mailing address, city, state, zip, expiration date
number of mobiles: vehicle, portable, aircraft, marine, pager
transmitter: lat. & long., city, county, state, elevation,
antenna height, output power, ERP
[Feedback: several satisfied users.]

CET (800) 445-0297
1001 S. Ridgewood Ave.
Edgewater, FL 32132
Offers a file on floppy of all stations within a 30-mile radius of a
customer-specified location. The prices are: rural $80, metro $140,
super-metro $200 (printed list are one-half these prices). Available in
ASCII columnar and comma-delimited formats. Does not include stations
lacking a specific location (i.e. mobile-only systems).
Fields are essentially the same as described for PerCon.
[Feedback: some early confusion about prices due to erroneous postings
to the net. Users satisfied otherwise.]

Scanner Master (800) 722-6701
PO Box 428
Newton Highlands, MA 02161
Provides online "access to nearly the entire F.C.C. database and is

updated weekly". Includes all fields in the Master File records. Allows selective downloading by search criteria and reporting of particular fields. Charges are $25.00 for a users guide/membership kit and $1.50 /min (first 10 mins free).
Ref: Richard Barnett 71420.163@compuserve.com
[no feedback available]

ScanWare Associates (206) 698-1383
7910 NE Double Hitch Ct (206) 871-7099
Bremerton, WA 98310-3801 Fax (206) 698-8207
BBS (206) 871-4228
Offers its "FCC Frequency Retrieval System, Ver 1.15", a "database management system for the FCC Public Service Frequency Databases ..... includes program and FCC database for any state". No indication as to fields included (but sounds similar to Grove offering).
Program & one state, $29.95 (CA, TX or FL, $34.95); add'l states $15 ea (CA, FL, TX $20 ea); plus $5 s/h.
[no feedback available]

166. Re: BC200XLT:price & availability?

Newsgroup: rec.radio.scanner
Date: 1994-01-09 01:44:10 UTC
From: MADHATTR@delphi.com
Message-ID: <940108.74650.MADHATTR@delphi.com>
Source record: 277972

I just saw an ad in Grove's catalog for a bc200xlt for $209.00. I like mine and the cellular mod is easy.

167. Re: BC200XLT late model

Newsgroup: rec.radio.scanner
Date: 1994-01-09 01:51:26 UTC
From: MADHATTR@delphi.com
Message-ID: <940108.75086.MADHATTR@delphi.com>
Source record: 277973

Resident MacWizard (301) 286-440 <danclark@nssdca.gsfc.nasa.gov> writes:

>the BC200XLT mentioned in the mods I have found. The chip is similar,
>the number has an A after it. Does anyone have the information to get
>cellular on this thing? Is it totally impossible? Should I take it
>back?

It can still be modified. Mine was the same way but the resistor is a chip
(I'm told that's the way it's done now. I'm not inclined that way) and is
labeled different. I don't remember it exactly but the first 3 numbers were
the same and the chip was in
the right spot. Crap, I can look it up if you can't find it but I did mod mine.
The chip is a pain to remove though, be careful.

168. Scanner Forsale: BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-09 03:59:47 UTC
From: jason@mtu.edu
Message-ID: <2gnvfj$s70@barracuda3.me>
Source record: 277974
Cross-posted to: mtu.forsale,misc.forsale,us.forsale.misc,rec.radio.scanner,alt.radio.scanner

BearCat 200XLT scanner forsale. Some special featues are:

- 200 channel memory
- Detachable/Rechargable battery pack
- Covers up to ~900 MHz
- Carrying case
- 3 year parts/labor extended service warenty from Uniden

I'll also toss in the celluar mods for it you don't have them and
Police Call from Radio Shack (1993) for the Michigan/Ohio area.

The scanner is less than 2 months old and hasn't been used that much.

Asking $300...

---jason <jason@mtu.edu>

169. I Need Scanner FAQ's

Newsgroup: rec.radio.scanner
Date: 1994-01-09 06:26:01 UTC
From: edgrant@netcom.com
Message-ID: <edgrantCJCn7D.FFz@netcom.com>
Source record: 277975

Could someone help me find a "Frequently Asked Questions" document for Scanners?

Thanks
--
* ---*
* Edward L. Grant Jr. E-Mail: edgrant@netcom.com *
* Panorama City, Calif. USA (818) 785-3512 *
* ---*

170. Pro31/57 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-01-09 07:13:39 UTC
From: sdbrewst@nyx.cs.du.edu
Message-ID: <1994Jan9.071339.26203@mnemosyne.cs.du.edu>
Source record: 277976

Does anyone know if the Pro 31 and/or Pro 57 can be modified t get cellular, etc.? Quite some time ago, I saw an ftp address that has various canner mods on it. does anyone know what it is? Please post (or email) as I am sure that someone else may be interested as well.

TIA
Scott

171. RS voice activated recorder

Newsgroup: rec.radio.scanner
Date: 1994-01-09 15:42:19 UTC
From: ah301@yfn.ysu.edu
Message-ID: <ah301-090194114454@129.228.248.117>
Source record: 277978
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

Radio Shack has a voice activated recorder on sale for $30 ($40 regular).
I am thinking of buying one to record SW programs or activities on
a scanner.

any comments on this voice activated recorder ? model ctr-22.

172. Re: RS voice activated recorder

Newsgroup: rec.radio.scanner
Date: 1994-01-09 18:17:44 UTC
From: jmm5h@Virginia.EDU
Message-ID: <1994Jan9.181744.24712@Virginia.EDU>
Source record: 277979
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

ah301@yfn.ysu.edu writes:
> Radio Shack has a voice activated recorder on sale for $30 ($40 regular).
> I am thinking of buying one to record SW programs or activities on
> a scanner.
>
> any comments on this voice activated recorder ? model ctr-22.
I have seen devices called "Nitelogger" that hooks up
to a scanner ,etc that uses a remote lead to activate the
recorder whenever the s quelch breaks. It will work with a ny
recorder witha remote on/off input. I had a similar device
some years back and it worked great. You could adjust the
sensitivity and duration of record after the message stopped.
E-mail me and I can give you info on how to order one.

173. Re: Problem with Scanning in Car

Newsgroup: rec.radio.scanner
Date: 1994-01-09 18:34:51 UTC
From: drw@esl.com
Message-ID: <drw-090194103153@macm410.esl.com>
Source record: 277980

In article <2glfvf$hdh@cs.ubc.ca>, g5g192@rick.cs.ubc.ca (Omid Ramin)
wrote:

> I'd think this is a pretty frequent problem, but perhaps there's a way
> around it. When I'm scanning things in my car (say outside someone's
> house listening to a cordless phone) as soon as I turn on the car, I
> lose most of the signal. I think the car is putting out lots of
> interference because even when I unplug the power cord and work it
> off the batteries, it's no better.
>
> I have a 1990 Subaru Legacy, and a Pro-43 Scanner.
>
> Also, will getting an external antenna solve this problem? thanx!

If the problem is a strong emanation from the car's electronics, where it
causes the radio to "desense", an outside antenna may not help. Try putting
the radio just outside the vehicle and start it up. Do you lose signal
strength then? I bet the antenna will help you anyway, even when you lose
those weak cordless phone signals! Shame, shame! ;-)

--
Dave Waters | The factory of the future will have
WA6AWZ | only two employees, a man and a dog.
drw@esl.com | The man will be there to feed the dog.
| The dog will be there to keep the man
| from touching the equipment. -Warren G. Bennis

174. AR-3000a

Newsgroup: rec.radio.scanner
Date: 1994-01-09 19:52:32 UTC
From: jefft@gatecom.com
Message-ID: <gate.VqiwFc1w164w@gatecom.com>
Source record: 277981

Help!!!!!
I have recently purchased an ar-3000a scanner. I love the scanner so far and am picking up some great signals. I am having trouble with the little buttons though. I downloaded Chuck Shramek's windows program to run the scanner, but I cannot get it to work. I currently have a GVC 14,400 fax modem connected to com1 and have a M-1200 card in my second slot, could one of these be stopping me from using the software. I also purchased a straight rs232 cable to connect it with, not the modem type. Anyone with any info or insight please leave me a note. I would also like to hear from others who are using other software with the ar-3000a.
Thank you all.
Jeff Trudell

Gateway Online ... 38 Line Multi-user Interactive Information System
Taylor, Michigan - (313)291-5571 2400 baud (313)291-5571 9600 baud
Sysops: Bill Mullen - Jeff Breitner

175. AR-3000a

Newsgroup: rec.radio.scanner
Date: 1994-01-09 19:53:02 UTC
From: jefft@gatecom.com
Message-ID: <gate.ZqiwFc1w164w@gatecom.com>
Source record: 277982

Help!!!!!
I have recently purchased an ar-3000a scanner. I love the scanner
so far and am picking up some great signals. I am having trouble with
the little buttons though. I downloaded Chuck Shramek's windows program
to run the scanner, but I cannot get it to work. I currently have a GVC
14,400 fax modem connected to com1 and have a M-1200 card in my second
slot, could one of these be stopping me from using the software. I also
purchased a straight rs232 cable to connect it with, not the modem type.
Anyone with any info or insight please leave me a note. I would also
like to hear from others who are using other software with the ar-3000a.
Thank you all.
Jeff Trudell
Gateway Online ... 38 Line Multi-user Interactive Information System
Taylor, Michigan - (313)291-5571 2400 baud (313)291-5571 9600 baud
Sysops: Bill Mullen - Jeff Breitner

176. M-1200

Newsgroup: rec.radio.scanner
Date: 1994-01-09 19:55:34 UTC
From: jefft@gatecom.com
Message-ID: <gate.3qiwFc1w164w@gatecom.com>
Source record: 277983

I have a M-1200 card for my ibm which is connected to a Ar-3000a scanner. I have been listening/reading packet at 1200 baud lately, but I am curious on how to recieve maps and fax. I live in Detroit, can anyone tell me some good frequencies that I can decode in the area.
Thanks,
Jeff Trudell

Gateway Online ... 38 Line Multi-user Interactive Information System
Taylor, Michigan - (313)291-5571 2400 baud (313)291-5571 9600 baud
Sysops: Bill Mullen - Jeff Breitner

177. Marine Frequency Lists (A)

Newsgroup: rec.radio.scanner
Date: 1994-01-09 20:25:31 UTC
From: siegman@Sierra.Stanford.EDU
Message-ID: <295113siegman844@EE.Stanford.EDU>
Source record: 277984
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In response to recent requests, here are three versions of marine frequency listings I've picked off the net in recent years (hope it's OK to repost these):

```
%---------------------------------------------------------------------
TABLE OF MARINE FREQUENCY ALLOCATIONS:
%---------------------------------------------------------------------
Article 2233 (16 more) in alt.radio.scanner:
From: gah@controls.ccd.harris.com (George A. Hebert)
Subject: Re: Frequencies of marine radio channels
Date: Mon, 5 Apr 1993 14:35:15 GMT

USA/NATIONAL MARINE FREQUENCY ALLOCATIONS
+-------------------------+--------------+----------------------+
| FREQUENCY_(MHZ) | FUNCTION | |
+----+-------+-------+-----+-------+-------+ |
|CHAN| SHIP | SHIP | MODE|SHIP TO|SHIP TO| TYPE OF |
| #  | TRANS |RECEIVE| S/D | SHIP  | SHORE | OPERATION |
|----+-------+-------+-----+-------+-------+----------------------|
| W1|------ |166.550| --- | Rcv | Rcv | NOAA WEATHER- RECEIVE|
| W2|------ |162.400| --- | Rcv | Rcv | NOAA WEATHER- RECEIVE|
| W3|------ |162.475| --- | Rcv | Rcv | NOAA WEATHER- RECEIVE|
| W4|------ |162.650| --- | Rcv | Rcv |CANADA WEATHER-RECEIVE|
| 01|156.050| <--- | S | YES | YES | PORT OPERATION |
| 02|156.100| <--- | S | YES | YES | PORT OPERATION |
| 03|156.150| <--- | S | YES | YES | PORT OPERATION |
| 04|156.200| <--- | S | YES | YES | PORT OPERATION |
| 05|156.250| <--- | S | YES | YES | PORT OPERATION |
| 06|156.300| <--- | S | YES | NO | SAFETY |
| 07|156.350| <--- | S | YES | YES | PORT OPERATION |
| 08|156.400| <--- | S | YES | NO | INTERSHIP |
| 09|156.450| <--- | S | YES | YES | PORT OPERATION |
| 10|156.500| <--- | S | YES | YES | PORT OPERATION |
| 11|156.550| <--- | S | YES | YES | PORT OPERATION |
| 12|156.600| <--- | S | YES | YES | PORT OPERATION |
| 13|156.650| <--- | S | YES | YES | BRIDGE/BRIDGE-1W(NA) |
| 14|156.700| <--- | S | YES | YES | PORT OPERATION |
| 15|------ |156.750| - | Rcv | Rcv | Receive-Coast to Ship|
| 16|156.800| <--- | S | YES | YES | CALLING & SAFETY |
| 17|156.850| <--- | S | NO | YES | STATE CONTROL-S/C 1W |
| 18|156.900| <--- | S | YES | YES | PORT OPERATION |
| 19|156.950| <--- | S | YES | YES | PORT OPERATION |
| 20|157.000|161.600| D | NO | YES | PORT OPERATION |
| 21|157.050| <--- | S | YES | YES | PORT OPER -USCG ONLY |
```

22	157.100	<---	S	YES	YES	PORT OPER -USCG ONLY
23	157.150	<---	S	NO	YES	PORT OPER -USCG ONLY
24	157.200	161.800	D	NO	YES	PUBLIC COORESPONDENCE
25	157.250	161.850	D	NO	YES	PUBLIC CORRESPONDENCE
26	157.300	161.900	D	NO	YES	PUBLIC CORRESPONDENCE
27	157.350	161.950	D	NO	YES	PUBLIC CORRESPONDENCE
28	157.400	162.000	D	NO	YES	PUBLIC CORRESPONDENCE
60	156.025	160.625	D	NO	YES	PUBLIC COR/PORT OPER.
61	156.075	160.675	D	NO	YES	PUBLIC COR/PORT OPER.
62	156.125	160.725	D	NO	YES	PUBLIC COR/PORT OPER.
63	156.175	<---	S	YES	YES	PUBLIC COR/PORT OPER.
64	156.225	160.825	D	NO	YES	PUBLIC COR/PORT OPER.
65	156.275	<---	S	YES	YES	PORT OPERATION
66	156.325	<---	S	YES	YES	PORT OPERATION
67	156.375	<---	S	YES	YES	PORT OPERATION
68	156.425	<---	S	YES	YES	PORT OPERATION
69	156.475	<---	S	NO	YES	PORT OPERATION
70	156.525	<---	S	YES	NO	INTERSHIP
71	156.575	<---	S	NO	YES	INTERSHIP, PORT OPER.
72	156.625	<---	S	YES	NO	INTERSHIP
73	156.675	<---	S	YES	YES	PORT OPERATION
74	156.725	<---	S	YES	YES	PORT OPERATION
75	------	156.775	-	---	---	GUARD BAND-REC. ONLY
76	------	156.825	-	---	---	GUARD BAND-REC. ONLY
77	156.875	<---	S	YES	NO	INTERSHIP
78	156.925	<---	S	NO	YES	PORT OPERATION
79	156.975	<---	S	YES	YES	PORT OPERATION
80	157.025	<---	S	YES	YES	PORT OPERATION
81	157.075	<---	S	YES	YES	PORT OPER. USCG ONLY
82	157.125	<---	S	YES	YES	PORT OPER. USCG ONLY
83	157.175	<---	S	NO	YES	INTERSHIP, PORT OPER.
--	------	------	-	--	---	USCG ONLY
84	157.225	161.825	D	NO	YES	PORT OPER/PUBLIC COR.
85	157.275	161.875	D	NO	YES	PUBLIC CORRESPONDENCE
86	157.325	161.925	D	NO	YES	PUBLIC CORRESPONDENCE
87	157.375	161.975	D	NO	YES	PUBLIC CORRESPONDENCE
88	157.425	<---	S	YES	NO	INTERSHIP
+----+-------+-------+-----+-------+-------+----------------------+

LEGEND:
S = SIMPLEX NOAA = NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION

D = DUPLEX 1W = RESTRICTED TO 1 WATT OF POWER ON THIS CHANNEL

===== STEAMER ONE, P.O. BOX 2, JOHNSONVILLE, NY 12094-0002 ======
===== 9600/14.4 HST - (518) 753-7421 - 8-N-1 ======
%--

%--
MARINE FREQUENCIES:
The freqs listed are in MHz. with the following codes:
MC - Maritime Limited Coast (private stations)

```
MG - Maritime Government (Coast Guard)
MP - Maritime Public Coast (marine telephone)
MS - Maritime Shipboard
%-----------------------------------------------------------------
156.275 MC <65> (port operations) 156.300 MS <6> (intership saftey)
156.325 MC <66> (port operations) 156.350 MC <7> (commercial)
156.375 MC <67> (commercial) 156.400 MC <8> (commercial)
156.425 MC <68> (non-commercial) 156.450 MC <9> (commercial)
156.475 MC <69> (non-commercial) 156.500 MC <10> (commercial)
156.525 MS <70> (non-commercial) 156.550 MC <11> (commercial)
156.575 MC <71> (non-commercial) 156.600 MC <12> (port operations)
156.625 MS <72> (non-commercial) 156.650 MC <13> (navigational)
156.675 MC <73> (port operations) 156.700 MC <14> (port operations)
156.725 MC <74> (port operations) 156.750 MC <15> (environmental)
156.800 MC <16> (calling/distress) 156.850 MC <17> (state control)
156.875 MS <77> (commercial) 156.900 MC <18> (commercial)
156.925 MC <78> (non-commercial) 156.950 MC <19> (commercial)
156.975 MC <79> (commercial) 157.000 MC <20> (port operations)
157.025 MC <80> (commercial) 157.050 MG <21>
157.075 MG <81> 157.100 MG <22>
157.125 MG <82> 157.150 MG <23>
157.175 MG <83> 157.200 MP <24> (ship)
157.225 MP <84> (ship) 157.250 MP <25> (ship)
157.275 MP <85> (ship) 157.300 MP <26> (ship)
157.325 MP <86> (ship) 157.350 MP <27> (ship)
157.375 MP <87> (ship) 157.400 MP <28> (ship)
157.425 MS <88> (commercial)
%-----------------------------------------------------------------

%-----------------------------------------------------------------
MARINE CHANNELS:
%-----------------------------------------------------------------

ch 6 156.3
ch 8 156.4
ch 9 156.45
ch10 156.5
ch11 156.55
ch12 156.6
ch13 156.65
ch14 156.7
ch16 156.8

Special use and duplex channels:

ch ship freq. shore sta. use
_____________________________________________________________________
21B none 161.65 weather and NOTSHIP broadcasts
22A 157.1 157.1
25B none 161.85 weather and NOTSHIP broadcasts
26 157.3 161.9
```

27 157.35 161.95
83B none 161.775 weather and NOTSHIP broadcasts
85 157.275 161.875
87 157.375 161.975
88 157.425 162.025

That's all I've got so far, but am also looking for more complete
info. Thanks...-billp
%--

178. 2021 Speedup?

Newsgroup: rec.radio.scanner
Date: 1994-01-09 20:44:30 UTC
From: vasrat@shell.portal.com
Message-ID: <CJDqy7.25F@unix.portal.com>
Source record: 277985

Is there any way to speed up the scan rate of the Realistic PRO-2021 scanner? A quick peek at the service manual didn't reveal any obvious component like a crystal to replace. There are two pins on the CPU (49 and 50) which appear to be for speed control, and there's some sort of RC combination between them. Has anyone tried playing with this?

--
/\/\/\/\/\/\/\/\/\/\/\ \/\/ /\ \/ -\/ \/\ \/\ \/\/
John F. Braun | Please excuse our appearance!
vasrat@shell.portal.com .sig construction in progress
\/\/\/\/\/\/\/\/\/\/\/\ /\ \/\/ \-\/ /-/\/ / /\/\-\

179. Scanning cable?

Newsgroup: rec.radio.scanner
Date: 1994-01-09 21:41:05 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758164516.AA04814@rochgte.fidonet.org>
Source record: 277990

> From: carter@scilab.lonestar.org (Carter Bennett)
> Organization: Science Lab; Arlington, Texas

> a complete failure. We had not previously hooked up FMBC radios to our
> cable systems, so we were unaware of what was being fed to us on that
> band.

You can also receive those signals with a VCR that is capable of SAP
operation.

180. FCC data on CD ROM or on disk?

Newsgroup: rec.radio.scanner
Date: 1994-01-09 21:44:06 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758164516.AA04815@rochgte.fidonet.org>
Source record: 277991

> From: Dave Shaffer <DCS4@psuvm.psu.edu>
> Organization: Penn State University

> I've seen some references to companies that provide FCC data
> on CD ROM or on computer disks.

> Has anyone dealt with any of these companies, and if so, with
> what degree of satisfaction?

I have the Grove Enterprises databases on disk for NY and PA. I am
mostly satisfied with the information. The problems that I experience are
related to the age of my computer system.

==========
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

181. Mod for pro-36

Newsgroup: rec.radio.scanner
Date: 1994-01-09 22:04:54 UTC
From: Ted.Dodd%metrocop@okgate.uucp
Message-ID: <b13_9401112001@okgate.uucp>
Source record: 277850

to: mfount@nmu.ub.com

Quoting mfount to All about
"Mod for pro-36" on 29 Dec 93 09:30:11

mf> Can anyone direct me to someone/somewhere that has?

Attached:

PRO39 800 mhz restoration.

1. REMOVE BATTERY DOOR, HOLDER AND BATTERIES.
2. REMOVE (4) SCREWS FROM BACK AND REMOVE BACK.
3. UNPLUG (2) WIRING HARNESSES AND REMOVE (6) SCREWS HOLDING
CIRCUIT BOARD.
4. UNSOLDER GROUND WIRE LOWER RIGHT CORNER OF BOARD AND (2)
WIRES TO BNC CONNECTOR AND REMOVE BOARD.
5. REMOVE (2) SCREWS HOLDING NEXT CIRCUIT BOARD.
6. UNPLUG (2) WIRE CONNECTOR.
7. UNSOLDER AND REMOVE RECTANGULAR METAL SHIELD OVER DIODES.
8. REMOVE DIODE D6.
9. REASSEMBLE IN REVERSE ORDER.

WILL NOW COVER 869-894 MHZ FREQ. THAT WAS MISSING

Found this in a file. Maybe it will help.

Ted B
... All I need is a Wave and a board to surf it on.

182. ICOM R7100 vs R100?

Newsgroup: rec.radio.scanner
Date: 1994-01-09 22:32:54 UTC
From: rhoenes@picasso.ocis.temple.edu
Message-ID: <1994Jan9.223254.17080@cronkite.ocis.temple.edu>
Source record: 277986

I intend to buy a scanner shortly and have the choices down to the ICOM R7100 and R100. Anyone care to give their thoughts on the performance of either, and which might be better to get.

Richard Hoenes

183. Mast Head Amp needed??

Newsgroup: rec.radio.scanner
Date: 1994-01-10 00:10:27 UTC
From: jck@jaguar.catt.citri.edu.au
Message-ID: <1994Jan10.001027.23698@etrog.se.citri.edu.au>
Source record: 277988

Hi folks.

I have a PRO 2006 with a Diamond discone wideband antenna. It is positioned about 30 feet up on my roof. I used RG213 low loss (3/4 inch thick) 40m coax cable plugged directly into scanner. It works very well.

I was told that if I placed a mast head amp on the antenna I would pick up heaps more stuff and also improve a channel that I am having problems hearing as it fades in and out (SES UHF ch1 468.600MHz).

Is it worth getting one? What brands? I saw one in Dick Smith for $197.00 and it looked pretty good. It had variable gain etc..

PS: I may need to tranmit on this antenna as well so I assume I must turn off the amp or something to stop the amp blowing the radio finals??

Thanks in advance for any information.

Cheers

,,,
(. .)
/===oo0=_/=0oo=\
|Justin Kibell - Systems Programmer - CATT Grp. CITRI - Vol. VICSES Rescuer |
| email: jck@citri.edu.au Ph: +61 3 282 2456 PO. Box 285 Eltham 3095 Aus. |
|===|
| Opinions expressed above are not necessarily those of my employer, RMIT |
\===/

184. Pro-43 cellular mod difficulty

Newsgroup: rec.radio.scanner
Date: 1994-01-10 00:38:15 UTC
From: sita@ecf.toronto.edu
Message-ID: <CJE1rs.L7r@ecf.toronto.edu>
Source record: 277987

Can anyone give me an idea of the difficulty of the Pro-43 cellular modification? I'm deciding between the Pro-43 and BC200xlt and it might come down to which is more easily modifiable. From previous posts it seems like the 200xlt is quite easy. Any idea on the Pro-43?

Thanks!

185. Grove FCC Data

Newsgroup: rec.radio.scanner
Date: 1994-01-10 01:49:21 UTC
From: ksmith@theodolite.ae.calpoly.edu
Message-ID: <1994Jan10.014921.3366@cs.yale.edu>
Source record: 277989

I've recently inherited a Macintosh (a big improvement from my Apple][) and am interested in getting the Grove disks. Has anyone had success in converting the data for use on a Mac? It seems like I should be able to either:

A) Use SoftPC and run the Grove software (yuch)
B) Export the dBase compatible files for use with a Mac database program (MS Works, FileMaker Pro, etc)

Any help or words of encouragement would be appreciated!

-ksmith, KD6RCT

186. HELP WITH EMAIL TO BOB PA

Newsgroup: rec.radio.scanner
Date: 1994-01-10 03:56:00 UTC
From: JERRY.SMITH@f747.n115.z1.fidonet.org
Message-ID: <758223029.AA01815@chigate.fidonet.org>
Source record: 277999

Hi, Frank...

FCJ>Help!
FCJ>I am trying to send email to Bob Parnass, who maintains the FAQs on this
FCJ>newsgroup, but I keep getting host unkown.

FCJ>The address I have is <parnass@ih4gp.att.com>.
FCJ>Can anyone verify this address or give me another?

The Internet address you have for Bob is correct. Sorry, I can't give
you an alternate to try.

Jerry...Chicago

___

187. looking for Pro42 mods

Newsgroup: rec.radio.scanner
Date: 1994-01-10 04:23:36 UTC
From: dano@nic.cerf.net
Message-ID: <2gql88$8nd@news.cerf.net>
Source record: 277992
Cross-posted to: alt.radio.scanner,rec.radio.scanner

The subject line says it all...
If you've got 'em, I'd like 'em!

Thanks in advance!

Dan
dano@cerf.net
dano@solsource.com

188. Re: RS voice activated recorder

Newsgroup: rec.radio.scanner
Date: 1994-01-10 04:24:16 UTC
From: rm@cbnewsm.cb.att.com
Message-ID: <CJEC8J.FH3@cbnewsm.cb.att.com>
Source record: 277993
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

In article <ah301-090194114454@129.228.248.117> ah301@yfn.ysu.edu (Jerry Sy) writes:
>Radio Shack has a voice activated recorder on sale for $30 ($40 regular).
>I am thinking of buying one to record SW programs or activities on
>a scanner.
>
>any comments on this voice activated recorder ? model ctr-22.

I use one. It's worth $30. I use it both for swl and scanning. A VAR
is most effective, however, while scanning. It can compress a whole
evening's activities onto one side of a 60-min tape. VARing does not buy
you much during SWLing unless you use the receiver's timer or equivalent
devices.

IMHO.

--
Regards,
Bob Melchiorre - rm@alux1.att.com
==
All opinions herein are mine, not necessarily my employer's or anyone else's!

189. Re: ICOM R7100 vs R100?

Newsgroup: rec.radio.scanner
Date: 1994-01-10 06:21:15 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Jan10.012115.1@uoft02.utoledo.edu>
Source record: 277994

In article <1994Jan9.223254.17080@cronkite.ocis.temple.edu>,
rhoenes@picasso.ocis.temple.edu (Richard Hoenes) writes:
>
> I intend to buy a scanner shortly and have the choices down to the ICOM
> R7100 and R100. Anyone care to give their thoughts on the performance
> of either, and which might be better to get.
>
> Richard Hoenes
--Well,other than both being made by Icom,they dont realty compare.the 100 is
a small mobile\base AM\FM scanner that is a decent but not spectacular
performer.The 7100 is a very high grade 1000 memory(I think)communications
reciever that is an excellent performer.It recieves ssb as well as AM\FM modes.
If you can possibly swing it,go for the 7100.You wont regret it.

Barry felstein Uning the ac of:
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)

* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

190. Re: AR-3000a

Newsgroup: rec.radio.scanner
Date: 1994-01-10 08:10:55 UTC
From: sjh@skewsby.demon.co.uk
Message-ID: <758214655snx@skewsby.demon.co.uk>
Source record: 278008

In article <gate.ZqiwFc1w164w@gatecom.com> jefft@gatecom.com (Jeff Truell) writes:
>
> Help!!!!!
> I have recently purchased an ar-3000a scanner. I love the scanner
> so far and am picking up some great signals. I am having trouble with
> the little buttons though. I downloaded Chuck Shramek's windows program
> to run the scanner, but I cannot get it to work.

Where can this software be downloaded from, and what are it's features?

73 Simon, G8PXB

191. Bearcat 210 XL Blues...

Newsgroup: rec.radio.scanner
Date: 1994-01-10 10:01:52 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <758223029.AA01816@chigate.fidonet.org>
Source record: 278000

Hi, Folks...
I have a Bearcat 210 XL that has a problem. The unit has a blank display, though the squelch still works. Slowly, the display will come to life. Sometimes, it will power up all the way and the display will be normal and will pick up radio signals. When the display is black or dim, then no signals can be received. Can anyone help? Please reply here or via Internet.
Internet ID 73747.2143@compuserve.com or jerry.smith@chigate.com

Thanks...
Jerry...Chicago

* Origin: Via RHO! * 708.238.1901. fnam.lnam@radiohobby.chigate.com (1:115/747)

192. HB-232 Questions/Comments

Newsgroup: rec.radio.scanner
Date: 1994-01-10 11:20:02 UTC
From: hpeach@ca.uky.edu
Message-ID: <hpeach.43.000B55CF@ca.uky.edu>
Source record: 277996

I recently completed assembly of Comtronics' HB-232 computer interface for the Radio Shack PRO-2004. The unit works as advertised and, while the kit is not for beginners, assembly went pretty well with lots of documentation and FAX/on-line support available if problems occur.

Now for some questions:

Does anyone have a diagram for using a reed relay with one of the user switches? I am trying to activate the remote switch on my tape recorder. The circuit seemed simple enough, but I am getting a small voltage across the relay's terminals when open.

Has anyone purchase the Sherlock program? How does it do? I am interested in how the program records the frequency information on the tape along with the audio without using additional hardware.

Are there any freeware/shareware programs for the HB-232 available for FTP?

Harold
hpeach@ca.uky.edu

193. Iced Trees and Scanning

Newsgroup: rec.radio.scanner
Date: 1994-01-10 14:04:47 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2grn9v$shj@slinky.cs.nyu.edu>
Source record: 277995

Does anyone know if ice-laden trees pretty much kill VHF signal propagation? We just got hit with one of the worst ice storms in ages in Central Jersey, and my car bound PRO2025 suddenly went deaf.

I couldn't even pick up NOAA (where I usually hear _three_ transmitters!), which I use to check my antenna connection. Sure enough, as the ice started to melt and fall off the trees, overhead wires, and signs, my reception started to come back.

Being in a moderately wooded area, the roads began to feel like an ice cave with what were once tall trees now arching over the roadway in perfect semicircles.

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012

194. Re: Mast Head Amp needed??

Newsgroup: rec.radio.scanner
Date: 1994-01-10 15:12:16 UTC
From: pas@jupitercmc.ca
Message-ID: <1994Jan10.151216.14136@venus.cmc.ca>
Source record: 277872

In article <1994Jan10.001027.23698@etrog.se.citri.edu.au>, jck@jaguar.catt.citri.edu.au (Justin Kibell) writes:
|> Hi folks.
|>
|> I have a PRO 2006 with a Diamond discone wideband antenna. It is positioned
|> about 30 feet up on my roof. I used RG213 low loss (3/4 inch thick) 40m
|> coax cable plugged directly into scanner. It works very well.
|> I was told that if I placed a mast head amp on the antenna I would pick up
|> heaps more stuff and also improve a channel that I am having problems
|> hearing as it fades in and out (SES UHF ch1 468.600MHz).
|> Is it worth getting one? What brands? I saw one in Dick Smith for $197.00
|> and it looked pretty good. It had variable gain etc..
|> PS: I may need to tranmit on this antenna as well so I assume I must turn
|> off the amp or something to stop the amp blowing the radio finals??
|> Thanks in advance for any information.

I have the same Pro2006/Diamond D130/RG213 setup. I
placed a 20db amp on the antenna feed and got inferior
reception that improved when the 10db attenuator switch was
enabled. I believe this is due to receiver
desensitization. My suggestion is that you first try
whatever amp you buy with the option of returning it if
reception is not improved. The same amp does provide
better reception when used with my Yaseu FT530 handheld. I
measured a 2x change on the handheld S meter and observed a
less noisy audio on signals which were fringe.

happy listening,
Peter

Peter A. Stokes _____ Voice & Voice mail: (613) 545-2923
Engineering Applications Support _____ FAX: (613) 548-8104
Canadian Microelectronics Corporation _____ Net: stokes@cmc.ca
Kingston, Ontario, CANADA _____ Radio: VE3ZXT

195. Icon RU-7000

Newsgroup: rec.radio.scanner
Date: 1994-01-10 16:07:20 UTC
From: jlogan@netcom.com
Message-ID: <jloganCJF8s9.ED9@netcom.com>
Source record: 277997

Does anyone have one of these? Is it a decent scanner to buy? I've got a price of about $1000 for it. Is this to much?

Thanks

jlogan@netcom.com

196. Antenna Questions

Newsgroup: rec.radio.scanner
Date: 1994-01-10 16:18:10 UTC
From: david.clark@analog.com
Message-ID: <1994Jan10.161810.19838@analog.com>
Source record: 278004

I have a couple of questions about an antenna to mount on the roof
for my RS PRO-39.
First of all, has anyone ever used the RS Discone antenna. They
claim freqs. from 25-1300 MHZ? Is this true and how well does it
work? Or is there a better antenna available for less than $100
somewhere other than Radio Shack?
Second, is it possible to hook-up the same antenna to two different
scanners? I would like to just split the coax instead of putting
a switch on it. Would this affect the performance of the antenna
or scanners?
How much more range would a discone give the scanner? I used to
pick-up Boston Police Area D and now I get some of the freqs, but
I have to move the scanner around. So, I'm assuming it's the antenna
on the scanner, as I can get my town police and Public Works no prob.

Please post or E-mail responses. Thanks in advance!!

Dave

197. Re: Antenna's for listening to 46.8 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-01-10 16:45:16 UTC
From: bmiller@landesk.intel.com
Message-ID: <2gs0ms$1e2@ornews.intel.com>
Source record: 277998

In article <2glgk2$hgj@cs.ubc.ca> g5g192@rick.cs.ubc.ca (Omid Ramin) writes:
>
>I tried sending you email, but it didn't work, so here's what I
>was going to ask:
>
>BM> The antenna will have a coax cable attached to it. If you
>BM> use a Mag mount then the cable will need to enter the car
>BM> through a window or door. On the end of the cable will be a
>BM> BNC or PL-259 connector. If it is a PL-259 (UHF) connector,
>BM> then you need to get a UHF to BNC adaptor. The antenna
>BM> connector on the top of your Pro-43 is a BNC (female). You
>BM> just lock the connector on to your scanner the same way your
>BM> rubber antenna attaches.
>
>Two more questions. =). First of all, I can get all this at Radio
>Shack, or is there somewhere else I should go to? Second of all,
>how is the antenna going to mount? Will it damage the car in any
>way? And where's the best place to mount the antenna? thanx!
>

Radio Shack is fine unless you can find another convenient place that
sells Antenna Specialist products (A.S. has a wider selection of
antennas). You will probably want a magnetic mount antenna unless
you feel like drilling a hole in your car. The best place to mount
the antenna is somewhere that there will be a ground plane, like the
center of your roof or trunk (although the ground plane is not that
critical for scanner antennas). You can really mount it where ever
is most convenient.
As far as damage is concerned, you might get a variety of responses
to this. Most MAG mount antennas will not damage your car (paint job)
but you might get some minor scratches where the cable runs accross
your car. The wind vibrates tha cable when you drive and it tends
to scuff the paint slightly. A good wax or rubbing compound can be used
to polosh the scratches out.
Also, caution should be taken not to crush the coax where it feeds into
car. The center conductor of the cable can be damaged from repeated
door closures.

Hope this helps

Brett N7OLQ

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com

American Fork, UT IP: 128.215.210.58

198. Yupitero MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-10 17:00:33 UTC
From: grant@fallout.lonestar.org
Message-ID: <1994Jan10.110033.11931@fallout.lonestar.org>
Source record: 278009

The October issue of Monitoring Times contained a glowing write-up on the Yupitero MVT-7100 handheld scanner. It is a 1000 channel, triple conversion scanner covering 530 kHz to ~1600 MHz in AM, NFM, WFM, USB and LSB. The scanner is hard to come by in the USA because it is not FCC approved. It can be ordered from some British mail order houses.

Does anyone have any experience with this scanner? If so, is it worth the fairly high price (~$600). It evidently does not provide a 30 kHz scan increment. Does it allow you to use a 10 kHz increment in the 800 MHz range (which would let you scan freqs with 30 kHz spacing)?

Thanks,
David Grant
--
David Grant
Computer Sciences Corp.
grant@fallout.lonestar.org

199. help with email to Bob Pa

Newsgroup: rec.radio.scanner
Date: 1994-01-10 17:05:00 UTC
From: joseph.pereira@channel1.com
Message-ID: <40.391.2433.0NE15CAA@channel1.com>
Source record: 278011

Subject: help with email to Bob Parnass

>Message-ID: <2gl28i$93c@genesis.ait.psu.edu>
>Newsgroup: rec.radio.scanner
>Organization: Penn State University

>Help!
>I am trying to send email to Bob Parnass, who maintains the FAQs on this
>newsgroup, but I keep getting host unkown.

>The address I have is <parnass@ih4gp.att.com>.
>Can anyone verify this address or give me another?

I've used that same address, without any problems!
Maybe the BB you're calling to is having problems with it's outgoing
mail. Try communicating with the sysop.

Hope you get things straitened out!
Joseph Pereira

200. Re: Icon RU-7000

Newsgroup: rec.radio.scanner
Date: 1994-01-10 18:08:04 UTC
From: bmiller@landesk.intel.com
Message-ID: <2gs5i4$5cv@ornews.intel.com>
Source record: 278002

In article <jloganCJF8s9.ED9@netcom.com> jlogan@netcom.com (jlogan) writes:
>
>Does anyone have one of these? Is it a decent scanner to buy? I've
>got a price of about $1000 for it. Is this to much?
>
>
>Thanks
>
>
>
>jlogan@netcom.com
>

IF you mean the Icom R-7000 (base receiver), then $1000 is a fair price
for a NEW one. Used should be a few hundred less. It is a fine receiver
and about as good as they come. To fully realize its potential as a
SCANNER, you will want a computer control program. The R-7000 is
designed more as a communications receiver than a scanner. For example
it does not have a 2-second delay for scan resume like most scanners.
A control program can turn it into the best scanner available.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

201. Re: Grove FCC Data

Newsgroup: rec.radio.scanner
Date: 1994-01-10 18:08:11 UTC
From: hyde@iccam.icgmfg.mke.ab.com
Message-ID: <hyde-100194120513@macplh.icgmfg.mke.ab.com>
Source record: 278001

In article <1994Jan10.014921.3366@cs.yale.edu>,
ksmith@theodolite.ae.calpoly.edu (Kirk Smith) wrote:

> I've recently inherited a Macintosh (a big improvement from my Apple][)
> and am interested in getting the Grove disks. Has anyone had success in
> converting the data for use on a Mac? It seems like I should be able to
> either:
>
> A) Use SoftPC and run the Grove software (yuch)
> B) Export the dBase compatible files for use with a Mac database
> program (MS Works, FileMaker Pro, etc)
>
> Any help or words of encouragement would be appreciated!
>
> -ksmith, KD6RCT

I bought the WI disk (USA comes as a bonus) and even though it is a
"standard"
DB4 PC database format, couldn't do much on my Mac.

However, I didn't know the size or that Excel was limited to 32K records.

Wisconsin contains 53K records.

I got a "PC" person to fire up the database and dump the data to a flat
file
and then loaded the data in to FileMaker Pro via the net (10 to 13 MB's of
data depending on your sort criteria for some reason!!)

Works quite well for searches - but you don't want to sort very often.

Very pleased with results.

Paul

202. Re: Iced Trees and Scanning

Newsgroup: rec.radio.scanner
Date: 1994-01-10 18:12:34 UTC
From: bmiller@landesk.intel.com
Message-ID: <2gs5qi$5l8@ornews.intel.com>
Source record: 278003

Yes, ice on the antenna and surrounding area will attenuate signals.
Water makes surfaces more conductive, and in the case of trees, roofs,
etc. it makes them look like big grounded areas, and signals will
not pass through them.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

203. Re: Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-01-10 18:43:25 UTC
From: ylo@osiris.kbfi.ee
Message-ID: <2gs7kd$4tg@osiris.kbfi.ee>
Source record: 278005
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Ira Machefsky (ira@src.dec.com) wrote:
> Problems with the Sync detector of the Grundig Satellit 700:

> Rumble and distortion of ~10% when the Sync circuit is activated.

> regards,
> Ira

Here are a couple of guesses based on similarity of circuits of Satellit 500 and 700.
It seems to me that the rumble, if it is present also when operating off the batteries, has to do with the design of the PLL of the synthesizer. I have no idea how one could cure this.

If the excessive distortion is present only at low frequencies, then it might be caused by audio frequency feedback to the synthesizer via +3.5 V, and a large capacitor (> 2000 uF) across this voltage could help a little. One will need a signal generator and an oscilloscope to find out if this is the case.
If there was a detector biasing problem, the distortion would be strongest in the SSB mode with no carrier.
Good luck!

Ylo Mets.

204. Re: Icon RU-7000

Newsgroup: rec.radio.scanner
Date: 1994-01-10 18:49:22 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <CJFGAA.u6J@yuma.ACNS.ColoState.EDU>
Source record: 278006

In article <jloganCJF8s9.ED9@netcom.com> jlogan@netcom.com (jlogan) writes:
>Does anyone have one of these? Is it a decent scanner to buy? I've
>got a price of about $1000 for it. Is this to much?
>Thanks
>jlogan@netcom.com

I've never heard of an RU-7000, but the R-7000 is a great receiver. You
can tune any freq you want without preprogramming, so it's not a scanner.
I've seen them used for as little as $650, so $1000 is too high. AES has
had a used one with a remote control and a voice synth for $900 for a few
weeks now.
galen, KF0YJ

205. Re: Antenna Questions

Newsgroup: rec.radio.scanner
Date: 1994-01-10 20:01:07 UTC
From: bmiller@landesk.intel.com
Message-ID: <2gsc63$hjk@ornews.intel.com>
Source record: 278007

In article <1994Jan10.161810.19838@analog.com> david.clark@analog.com writes:
>
> I have a couple of questions about an antenna to mount on the roof
>for my RS PRO-39.
> First of all, has anyone ever used the RS Discone antenna. They
>claim freqs. from 25-1300 MHZ? Is this true and how well does it
>work? Or is there a better antenna available for less than $100
>somewhere other than Radio Shack?
> Second, is it possible to hook-up the same antenna to two different
>scanners? I would like to just split the coax instead of putting
>a switch on it. Would this affect the performance of the antenna
>or scanners?
> How much more range would a discone give the scanner? I used to
>pick-up Boston Police Area D and now I get some of the freqs, but
>I have to move the scanner around. So, I'm assuming it's the antenna
>on the scanner, as I can get my town police and Public Works no prob.
>
> Please post or E-mail responses. Thanks in advance!!
>
> Dave
>

The RS discone is an OK antenna, but it does not perform well below
about 100Mhz. As far as omnidirectional antennas go, The Diamond
discone has an additional vertical element that improves the low freq
range. There is also one called a ScannerMaster (?) but it is larger
than a discone. Grove sells a copy of this and claim it is at least
as good. If you want a directional antenna (use with a rotor), then
cheak out Grove's scanner beam. At about $60 (?) it is a good deal.

If you hook up two scanners into on antenna, then each scanner will
receive 1/2 of the signal (approx), not to mention any loss introduced
by the splitter. If you do this I would suggest a pre-amp. It is possible
that internally generated signals might leak from one scanner to the other,
but this probably would not be a problem.

A roof antenna should make scratchy signals clear and extend your range
significantly (but this depends a lot on the topology of your area). Be
sure to use a low loss coax for any runs longer than 30 - 50 feet (depending
on the frequency ranges you listen to. (i.e. 800 Mhz siganls lose
strength quickly with lossy coax)

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com

American Fork, UT IP: 128.215.210.58

206. Regency Touch K500 info. request

Newsgroup: rec.radio.scanner
Date: 1994-01-10 21:05:27 UTC
From: reyb@TorreyPinesCA.ncr.com
Message-ID: <1994Jan10.210527.28929@TorreyPinesCA.ncr.com>
Source record: 278016

Could somebody give me any information on this scanner?
I've seem to have thrown away the manual and I'm very
limited on the operation of the radio. I would also be
interested on any modifications that could be done to
it and perhaps a copy of your Regency Touch K500 or
applicable manual. :)

Thanks,

Rey

207. Re: THOUGHTS ON RS PRO 43 SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-01-10 21:35:01 UTC
From: jqtaylor@boi.hp.com
Message-ID: <CJFnyF.HE5@boi.hp.com>
Source record: 278010
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Norman Wilson (norman@cs.toronto.edu) wrote:

: A minor nit in John Taylor's posting: his claim that the Pro 43's standby
: mode involves an 85% duty cycle (5 seconds running at full current, one
: second of standby) is contradicted by both manual and measurement.
: ...

I knew my numbers were wrong when I did my very unscientific test. I used a stopwatch and a meter! Sorry... The problem is that the needle of the meter must have a lag or maybe I reversed the fraction - maybe it's a 15% duty cycle. Certainly it does what it's supposed to do (only who listens to just *one* channel?!). Now that I've had the pro 43 longer, I really have to admit that I like the Pro 39 better. It consumes way way less power, has an easier-to-read display, sounds twice as good, is cheaper, and mine gets *less* interference when scanning pre-programmed channels. Too bad Grove doesn't sell the Pro 39 - anyone know of discounts? How much longer will they be available?

"An intelligent chess computer would ask, `Why does White always go first?'"
jqtaylor@hpdmd48.boi.hp.com John P. "Quill" Taylor Writer at Large
"When in doubt, do as doubters do." -jqt
__Catch & Release___73s___Sonata in G___Scotch Gambit___C-spine 1972__Szia__

208. Re: Reviews for BC200XLT & PRO-43 needed

Newsgroup: rec.radio.scanner
Date: 1994-01-10 23:03:06 UTC
From: erik@peewee.chinalake.navy.mil
Message-ID: <CJFs16.8u6@avalon.chinalake.navy.mil>
Source record: 278012

My $0.02 is that Damark has factory serviced, warranted BC200XLT units
for 159.95. I recently sold mine (paid $210 for a used one) and
upgraded to a PRO-2006 (which is *very* nice, and surprisingly similar
in function). I highly recommend the BC200XLT, my first scanner was a
serviced BC100XLT from DAMARK and it worked flawlessly. For $160, the
200XLT has NO EQUAL. I got a crystal from someone via the net that
doubled the scan rate, it put it at about 30 ch/sec, which is faster
than any other rate I have seen short of the BC2500XLT. I had
considered upgrading to a 2500xlt but unfortunately it seems to have
too many problems to be worthy of consideration.

Bob Parnass, AJ9S (parnass@cbnewse.cb.att.com) wrote:
: NOTE: I sent the original poster my reviews of both the PRO-43
: and 200XLT scanners. Here is a reprint of an old article.
: PS - I prefer the PRO-43.

: SCANNER SHOOTOUT:
: RADIO SHACK PRO-43 VS. UNIDEN/BEARCAT 200XLT

: by Bob Parnass, AJ9S

: The Uniden/Bearcat 200XLT and Radio Shack PRO-43 are both
: excellent portable scanners. Which one is right for you?
: Here's a table to help see the differences.

: ____
: |Criteria PRO-43 200XLT |
: |_____________________________|_____________________|_____________________|
: |discount price | $275 | $240 |
: |discounter | Marymac Industries | National Tower Co. |
: | | Houston, TX | Shawnee Mission, KS.|
: | | | Grove Enterprises, |
: | | | Brasstown, NC |

--
Erik van Bronkhorst KC6UUT DoD#4342585443 AMA#438054 BARF#002

209. Hold Switch for RS Frequency Counter

Newsgroup: rec.radio.scanner
Date: 1994-01-10 23:45:02 UTC
From: gt2527c@prism.gatech.EDU
Message-ID: <130468@hydra.gatech.EDU>
Source record: 278013

Could someone please repost the modification for a hold switch on the Radio Shack Frequency Counter or e-mail it to me.

Thanks in advance,
Mark Shaw

--
SHAW,MARK CONRAD
Georgia Institute of Technology, Atlanta Georgia, 30332
uucp: ...!{decvax,hplabs,ncar,purdue,rutgers}!gatech!prism!gt2527c
Internet: gt2527c@prism.gatech.edu

210. Federal Government Monitoring

Newsgroup: rec.radio.scanner
Date: 1994-01-11 01:16:56 UTC
From: cr933@cleveland.Freenet.Edu
Message-ID: <2gsum8$sft@usenet.INS.CWRU.Edu>
Source record: 278014

I have 3 questions....

1. Is it illeagel to monitor the branches of the federal gvmt. on
a scanner?

2. Is it illeagel to post the freqs that are not scrambled?

3. Does anyone know of any in the Cleveland area that are not scrambled
and are fairly active?

Thanks in advance,
Would like E-Mail please,

Mike
--
Thanks,
Mike Noll

211. Re: HELP WITH EMAIL TO BOB PA

Newsgroup: rec.radio.scanner
Date: 1994-01-11 01:49:11 UTC
From: "Frank Cusack Jr." <fcusack@psu.edu>
Message-ID: <2gt0in$ab4@genesis.ait.psu.edu>
Source record: 278015

I have solved the problem, thanks.

-Frank

212. BC100XL repeated frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-11 04:19:30 UTC
From: dbaaij@devetir.qld.gov.au
Message-ID: <dbaaij.758261970@pandora>
Source record: 278017

I recently bought my first scanner second-hand, a Uniden BC100XL and I proceeded to try and locate various interesting frequencies. I found a number of local police frequencies which were quite clear, but I got hold of a complete list of frequencies for my state and it has the police frequencies listed differently to the ones I found.

I tried the listed frequencies and found that they were the same channels(I think). eg. 490.000 = 468.400
490.100 = 468.500

I compared these 490Mhz freqs on a friend's PRO-30 and he received nothing on them, but he received the listed frequencies.

What is this? Is it a problem with the BC100XL? Are other problems likely to pop up?

Any advice appreciated.
--
Andrew I Jackson ! Ingres Database Administrator
B.App.Sc(Comp) JP(Qual) MACS PCP ! Department of Employment, Vocational
(dbaaij@devetir.qld.gov.au) ! Education, Training and Industrial
Ph: +61 7 227 5727 ! Relations. Brisbane, Queensland,

213. Re: Yupitero MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-11 05:01:49 UTC
From: miken5xnn@delphi.com
Message-ID: <9401102357591.miken5xnn.DLITE@delphi.com>
Source record: 278018

>The October issue of Monitoring Times contained a glowing write-up on the
>Yupitero MVT-7100 handheld scanner. It is a 1000 channel, triple
conversion scanner covering 530 kHz to ~1600 MHz in AM, NFM, WFM, USB and
>LSB. The scanner is hard to come by in the USA because it is not FCC
approved.

I have one and really like it. Yes, after April 1994, you won't be able to
import.

>It can be ordered from some British mail order houses.

I ordered mine from Janathan Clough at Javiation in England...excellent
service. I highly recommend. Most of the CI$ people ordered from his also.

>If so, is it worth the fairly high price (~$600).

It depends, I think so. Look at it like this: You get a VHF/UHF scanner,
shortwave radio that rivals most portables, plus no gaps ANYWHERE.

>It evidently does not provide a 30 kHz scan increment. Does it allow you
>to use a 10 kHz increment in the 800 MHz range (which would let you scan
freqs with 30 kHz spacing)?

Yes, the 10 MHz spacing works just fine in the 800 Mhz range.

Marks against the radio: 1.4 KHz off in the USB, LSB modes, is a little
power hungry.

::
: Mike Branscum - N5XNN Voice Mail - (501)933-3030 :
: P.O. Box 15232 Fax Number - (501)933-9095 :
: Jonesboro, ARK 72403 miken5xnn@delphi.com :
::

214. Re: M400 Decoder

Newsgroup: rec.radio.scanner
Date: 1994-01-11 05:38:26 UTC
From: OSCHELLIN@delphi.com
Message-ID: <940111.02306.OSCHELLIN@delphi.com>
Source record: 278019

John Morrison <John.Morrison@f239.n109.z1.fidonet.org> writes:

>Have you gotten the M400 to successfully decode POCSAG and GOLAY pager
>messages?

PMJI, but I've successfully decoded POCSAG and GOLAY messages with my M-400. It wasn't easy to get started, because I discovered that you almost have to tap off of the demodulator in your scanner to get the audio before it goes through audio filtering. The audio gain adjustment is also very critical. You need to follow their addendum instructions exactly to set a proper level. A little trial and error will also help you set it up properly.

215. Re: can the Bearcat 210XL scanner be modded for celluar?

Newsgroup: rec.radio.scanner
Date: 1994-01-11 05:43:00 UTC
From: OSCHELLIN@delphi.com
Message-ID: <940111.02580.OSCHELLIN@delphi.com>
Source record: 278020

Mike Lyon <mlyon@rahul.net> writes:

>well the title says it all. or what can it be modded for. also what are
>the freq for it?

Sorry, Mike, but the 210XL doesn't have an RF section for the 800 MHz band, so it can't be modified for cellular reception. The 210XL was designed to just receive the standart Public Service Bands (at least those that existed when it was built).

216. Re: Grove FCC Data

Newsgroup: rec.radio.scanner
Date: 1994-01-11 06:53:38 UTC
From: warren@bluesky.com
Message-ID: <2gtidi$9es@pdx1.world.net>
Source record: 278021

In article <1994Jan10.014921.3366@cs.yale.edu>,
ksmith@theodolite.ae.calpoly.edu (Kirk Smith) wrote:

> I've recently inherited a Macintosh (a big improvement from my Apple][)
> and am interested in getting the Grove disks. Has anyone had success in
> converting the data for use on a Mac?

I converted the 5 1/4" PC floppy to a 3 1/2" PC floppy, copied the dBase file from the 3 1/2" disk onto my Mac via AccessPC (it reads DOS disks on a Mac floppy drive),. Then I wrote a program to read the dBase binary file (simple format - widely documented in the literature) to output a text file. I'd consider providing a copy the conversion program if you email me - no warranty of usability, though.

My preferred database for frequency lists is Panorama. It's a flat file data base that keeps everything in memory - so it is very zippy. It sorts all 32,000 records in the Oregon FCC list in just a few seconds on my PowerBook (by frequency, by licensee, etc.). If it only supported AppleEvents, I could lookup the FCC data whenever the computer interface to my radio is tuned to a station! I've recently started using FileMaker Pro for just that purpose.

217. Re: Antenna's for listening to 46.8 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-01-11 08:19:58 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jan11.081958.11482@hpcvaac.cv.hp.com>
Source record: 278022

bmiller@landesk.intel.com (Brett Miller - Support Engineer) writes:
: As far as damage is concerned, you might get a variety of responses
: to this. Most MAG mount antennas will not damage your car (paint job)
: but you might get some minor scratches where the cable runs accross
: your car. The wind vibrates tha cable when you drive and it tends
: to scuff the paint slightly. A good wax or rubbing compound can be used
: to polosh the scratches out.

Wax protects the paint, so it doesn't get scratched in the first place.

: Also, caution should be taken not to crush the coax where it feeds into
: car. The center conductor of the cable can be damaged from repeated
: door closures.

Damaging the center conductor is not the problem. Crushing the insulator
between the center conductor and the shield is. It changes the impedance
of the coax at that point, causing some signal loss. If the insulation
is completely crushed, then the shield can short to the center conductor,
and you will have very little signal.

The impedance discontinuity does not matter a lot in a receiver. It can
make a big difference in a transmitter.

Bill

218. Re: Federal Government Monitoring

Newsgroup: rec.radio.scanner
Date: 1994-01-11 08:28:58 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jan11.082858.11602@hpcvaac.cv.hp.com>
Source record: 278023

cr933@cleveland.Freenet.Edu (Michael P. Noll) writes:

For the US:

: 1. Is it illeagel to monitor the branches of the federal gvmt. on
: a scanner?

No.

: 2. Is it illeagel to post the freqs that are not scrambled?

No - you can even post scrambled frequencies.

Bill

219. Re: BC100XL repeated frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-11 08:44:05 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jan11.084405.11973@hpcvaac.cv.hp.com>
Source record: 278024

dbaaij@devetir.qld.gov.au (Andrew Jackson) writes:
: I recently bought my first scanner second-hand, a Uniden BC100XL and I
: proceeded to try and locate various interesting frequencies. I found a
: number of local police frequencies which were quite clear, but I got
: hold of a complete list of frequencies for my state and it has the
: police frequencies listed differently to the ones I found.
:
: I tried the listed frequencies and found that they were the same
: channels(I think). eg. 490.000 = 468.400
: 490.100 = 468.500
:
: I compared these 490Mhz freqs on a friend's PRO-30 and he received
: nothing on them, but he received the listed frequencies.
:
: What is this? Is it a problem with the BC100XL? Are other problems
: likely to pop up?

You are receiving image signals. It is one of the problems inherent in
single and double conversion receivers.

It looks like your 2nd IF is at 10.8 MHz - normal for more recent
Bearcat scanners. Note that 2 x 10.8 + 468.4 = 490.

Many people make use of this "feature" of such scanners to receive strong
cellular phone transmissions, when their scanner does not cover the channels
directly.

To tune in the out of band frequency - subtract (or add - whichever is
appropriate) 21.6 MHz from/to the frequency. That is the frequency you
will listen to on the scanner. In other words, if your scanner will
cover the frequencies - then you could find your two example channels
at 511.6 and 511.7 MHz.

Bill

220. Re: Pro-43 Cell.Mod.---Help!

Newsgroup: rec.radio.scanner
Date: 1994-01-11 09:31:39 UTC
From: scottb@sun1x.res.utc.com
Message-ID: <1994Jan11.093139.17115@sun1x.res.utc.com>
Source record: 277875
Cross-posted to: rec.radio.scanner,alt.radio.scanner

The "loss" of said diode is not critical. By removing it, you have enabled cell reception. Try doing a search between 869 (comes up at 868.xxx) and 895 (comes up (I think) as 894.xxx). You should be able to scan and receive these freqs. If you look on the back bottom of scanner, it shows what freqs it is "supposed to receive". Notice that the freqs above are "outside" of the posted ranges.

Putting the diode in position d3 (next to the other diodes) opens up freqs 54 thru 88.

I have made the mod to mine. Works great. As to 54-88, doesnt seem to be much there, so don't worry too much about "damaged" diode.

Perhaps if you got the tech manual from RS for it (the pro43) you could find out the needed part number/availability. I think RS sells it for about $10 or so. Try looking around here or in rec.radio.scanner. I think someone posted the 800 number for ordering RS manuals.

--
I'm waiting for the Mothership. Whare are you waiting for?

sdb@rcinet.utc.com or scottb@sun1x.res.utc.com

221. BC760XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-11 12:06:39 UTC
From: b1y1m39@kato.BELL-ATL.COM
Message-ID: <CJGsB4.9CF@kato.BELL-ATL.COM>
Source record: 277876

I'm looking for mods and reviews for this scanner. Can anyone tell
where I can find them?

--
==
Bob Esposito Voice/Voice Mail: (215) 466-6831
Bell Atlantic Corp. FAX: (215) 563-3984
Philadelphia, Pa. E-mail: b1y1m39@kato.BELL-ATL.COM

222. Re: Regency Touch K500 info. request

Newsgroup: rec.radio.scanner
Date: 1994-01-11 14:21:52 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CJGyKJ.H29@cbnewse.cb.att.com>
Source record: 277877

Rey asked about the Regency K500. I cannot provide you with
manuals, but here's some info:

K500: Nice wood-like cabinet. Discontinued 40 channel model
with every feature Regency could dream of in one scanner,
except aircraft band. Idle tone bypass feature for mobile
phone stations works about 50% of the time. Weather alert
feature. Service Search in several banks. Search and Store
facility not implemented as well as BC250, but better than
none. Built in clock when radio off or in manual mode. Can
be programmed out of band. Reasonable performance, but sen-
sitivity could be better. Spring contacts on membrane key-
board may need soldering after prolonged use.

My K500 served well for several years, but now sits on the shelf,
with an intermittant problem I haven't yet fixed.
I added a tape recorder control jack on the rear and built in
a carrier operated relay...several years before I got VOX recorders.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

223. 48 Hours Show, Wednesday night, "spies among us"

Newsgroup: rec.radio.scanner
Date: 1994-01-11 14:39:59 UTC
From: copeland@metronet.com
Message-ID: <CJGzEo.ED@metronet.com>
Source record: 277878

48 Hours topic for Wednesday is "spies among us". Don't know if its about scanners, but would bet they get mentioned.

224. Re: Yupitero MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-11 15:44:28 UTC
From: mjamesb@bnr.ca
Message-ID: <2guhgs$qbd@bmerha64.bnr.ca>
Source record: 277879

In rec.radio.scanner, miken5xnn@delphi.com (Mike Branscum) writes:

> It depends, I think so. Look at it like this: You get a VHF/UHF scanner,
> shortwave radio that rivals most portables, plus no gaps ANYWHERE.

Oh goody - someone who can provide some real answers!

I assume that this unit does a good job of picking up regular FM
broadcast stations and VHF/UHF television stations. How well does
it do at picking up regular AM broadcast stations with the duckie
antenna that comes with it (e.g., is it on par with a Walkman)?

Does it take ordinary batteries so that if I had a good battery/
recharger setup I could run it off batteries as long as I liked
(more or less)?

--
M. James Bartley, Bell-Northern Research Ltd. \ Internet: mjamesb@bnr.ca
P.O. Box 3511, Station C, Ottawa, Canada, K1Y 4H7 \ Phone: 613-763-3556
** Opinions expressed are mine, not BNR's. - MJB ** \ Fax: 613-763-5048
"Setname is the name of a named set named setname." - ZIM 4, 1st draft

225. CB Radios

Newsgroup: rec.radio.scanner
Date: 1994-01-11 16:56:06 UTC
From: cm002b@uhura.cc.rochester.edu
Message-ID: <1994Jan11.165606.17182@galileo.cc.rochester.edu>
Source record: 277880

Hi Y'all. I'm planning to purchase a pair of CB radios in the next couple of months, but I have no Idea what to look for in terms of features or manufacturer. I'd like them to look decent when they're installed in my car (ie no Ratshack chrome jobs), and I'd like them to be relatively small. Is there any good CB out there that has all the controls mounted on the handset so I can put the rest out of sight? Also, what is the best antenna mounting option? I don't want to do anything I'll regret to my cars ('93 Saturn SC2 and '91 Ford SHO). Are the AM/FM/CB antennas any good? Lastly, where's a good place to shop for them (retail or mail order)?
Thank you very much.
Chris
--
Chris Marget
cm002b@uhura.cc.rochester.edu

226. Re: Yupiteru MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-11 17:12:43 UTC
From: zimmer@gw.wmich.edu
Message-ID: <1994Jan11.121243.13873@gw.wmich.edu>
Source record: 277882

The Yupiteru MVT-7100 will readily pick up standard FM stations.
I haven't tried DXing that, but it appears to be as good as any typical
FM radio. No trouble picking up TV audio signals for TV receivable stations
in this area. It does fall short in the standard AM bandwidth. During the day
I can receive the local stations, but it's almost a struggle. After dark,
you can get only those local stations that don't reduce power. DXing, forget
it. This is with the supplied telescoping metal
antenna. Presumably, you could also receive LW broadcasts, as you can enter
frequencies as low as 100Khz. That said, I woudn't want to see the low end of the freqency
spectrum
dropped, merely improved sensitivity wise, if possible. But then, we typically
don't buy a scanner for this part of the spectrum, and this is not a complaint
on my part.

It appears to be a good deal more sensitive than my BC200. 10Khz steps work
on bands where 30Khz steps are more desirable.

Batteries appear to be standard AA NiCads. Following previously posted
instructions, I bought a RS 12v adaptor and installed the small barrel
connector the 7100 requires. I use this instead of the supplied adaptor as
that is designed for 100VAC.

I bought mine from Javiation and would like to second that they have great
service. I probably received the first defective unit they've encountered
and was, with a minimum of hassle, able to get a replacement unit. My present
unit is so far working very well.

This is a *great* scanner if you want to/can shell out the bucks for it. Too
bad wonderful hardware like this will soon be illegal to get.

W WWW WWW MM MMM UU UUU U Roy Zimmer roy.zimmer@wmich.edu
W WW WW MM MM UU UUU U Telecommunications Department
W W W W MM M M M UU UUU U Western Michigan University
W WW MM MM MM UUU UU Kalamazoo, Michigan USA

227. Yupiteru 7100 service question

Newsgroup: rec.radio.scanner
Date: 1994-01-11 17:15:26 UTC
From: zimmer@gw.wmich.edu
Message-ID: <1994Jan11.121526.13874@gw.wmich.edu>
Source record: 277881

Yupiteru MVT-7100 Owners:

In light of the impending import ban, where do we send/bring our scanners
for service, should they need that? Or will sending them out of the country
for service be a legal and non-risky recourse?

W WWW WWW MM MMM UU UUU U Roy Zimmer roy.zimmer@wmich.edu
W WW WW MM MM UU UUU U Telecommunications Department
W W W W MM M M M UU UUU U Western Michigan University
W WW MM MM MM UUU UU Kalamazoo, Michigan USA

228. Re: Yupitero MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-11 17:52:59 UTC
From: doc@webrider.central.sun.com
Message-ID: <2gup1rINNt6j@cronkite.Central.Sun.COM>
Source record: 277883

In article qbd@bmerha64.bnr.ca, mjamesb@bnr.ca (M. James Bartley) writes:
> In rec.radio.scanner, miken5xnn@delphi.com (Mike Branscum) writes:
>
> > It depends, I think so. Look at it like this: You get a VHF/UHF scanner,
> > shortwave radio that rivals most portables, plus no gaps ANYWHERE.
>
> Oh goody - someone who can provide some real answers!
>
> I assume that this unit does a good job of picking up regular FM
> broadcast stations and VHF/UHF television stations. How well does

Yes, use Wide FM setting

> it do at picking up regular AM broadcast stations with the duckie
> antenna that comes with it (e.g., is it on par with a Walkman)?

Yes, comes with telescoping antenna with BNC connector.

> Does it take ordinary batteries so that if I had a good battery/
> recharger setup I could run it off batteries as long as I liked
> (more or less)?

Yes, 4-AA.

>From the Spec sheet -

Manufacturer - Yupiteru Industries Co Ltd.
12-33 Shibaura, 4-Chome,
Minato-Ku, Tokyo 108, Japan

Freq. Coverage - 530KHz - 1650KHZ

Receiving Modes - Wide FM, Narrow FM, AM,
Lower Sideband, Upper Side Band

Tuning Steps - Wide FM: 50KHz & 100KHz
Narrow FM: 1KHz, 5KHz, 6.25KHz, 9KHz, 10KHz
12.5KHz, 20KHz, 25KHz, 50KHz, 100KHz

Sensitivity - 0.53MHz-2MHz AM 10uV (S/N 10dB)
2.0MHz-30MHz AM 10uV (S/N 10dB)
USB/LSB 10uV (S/N 10dB)
FM 1.5uV (SINAD 12dB)
30MHz-1000MHz AM 0.5uV (S/N 10dB)
USB/LSB 0.5uV (S/N 10dB)
FM 0.5uV (SINAD 12dB)
1000MHz-1300MHz FM 1.0uV (SINAD 12dB)

Memory Channels - 1000 (In 10 banks of 100)

Search Banks - 10

Priority Chnls. - 1

Scan Speed - 30 Channels per second (approx)

Search Speed - 30 Increments per second (approx)

Power Req. - 4.8V Internal (4 x AA nicads)
12V DC External (200mA)

Audio Output - 100mW (8 ohm)

Current consumption - 140mA
100mA Standby
10mA Save

Dimensions - 64.4(w) x 155(h) x 38.2(d) mm

Weight - 320g

Enjoy,

--
-- Steve Bunis, Sun Microsystems ***DoD #0795*** 93-ST1100
-- Itasca, IL ***AMA #682049***
-- ***HRCA #HM125617**
-- *** N9VLP ***

229. AR-1500

Newsgroup: rec.radio.scanner
Date: 1994-01-11 17:59:13 UTC
From: kronz@woodling.ecn.purdue.edu
Message-ID: <CJH8Mq.7n6@noose.ecn.purdue.edu>
Source record: 277884

Hello,
This is the first time Ive posted to this newsgroup.
I recieved an AR-1500 for Christmas. I was wondering how this
stacks up to other handheld scanners. So far I have been pleased
with its reception but since Im new to scanning (and shortwave)
I have nothing to compare it to. Also I was wondering if there
are is any way to fix/change any of the following:
1. turn off the button beep.
2. change the scan/search speed. (right now around 20ch/s)
3. when you push the minitor button the channel spacing
is always 12.5khz, since I use this feature mostly on shortwave
is there any way to change this default to say 5khz??

Also how does this stack up to the Yupitera (I think it is.)
I might want to exchange this for one of those, if there that much
better...although $150 dollars more.

thanks in advance,

-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }
--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }

230. Re: BC760XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-11 18:22:20 UTC
From: n9310562@henson.cc.wwu.edu
Message-ID: <1994Jan11.182220.25604@henson.cc.wwu.edu>
Source record: 277885

b1y1m39@kato.BELL-ATL.COM (Bob Esposito) writes:

> I'm looking for mods and reviews for this scanner. Can anyone tell
> where I can find them?

>--
>===
>Bob Esposito Voice/Voice Mail: (215) 466-6831
>Bell Atlantic Corp. FAX: (215) 563-3984
>Philadelphia, Pa. E-mail: b1y1m39@kato.BELL-ATL.COM

The mod I found said to cut pin 20 of the microprocessor, and connect it to pin 19 to restore the cell frequencies but I did that and it did NOT WORK...It didn't seem to damage anything though either. I can e-mail you the mod if you still want it, let me know if you find any others..

231. cellular test set

Newsgroup: rec.radio.scanner
Date: 1994-01-11 18:27:42 UTC
From: compton@sqi.com
Message-ID: <1994Jan11.182742.1566@sqi.com>
Source record: 277888

I could use some help on the address of the outfit in Canada
that sells the cellular test set. There was some dicussion of
this equipment in the news group a while bace. If anyone could
e- mail it to me I would be a more happy camper.
Thanks
Bob Compton
compton@sqi.com

232. Regency BX2200 question.

Newsgroup: rec.radio.scanner
Date: 1994-01-11 18:46:43 UTC
From: remo@andromeda.rutgers.edu
Message-ID: <Jan.11.13.46.43.1994.20512@andromeda.rutgers.edu>
Source record: 277886

Cellular mod unnecessary... any way to mod for 39-54 Mhz? Gotta get
those cordless phones in.

-Remo

233. BC855XLT for sale

Newsgroup: rec.radio.scanner
Date: 1994-01-11 18:48:16 UTC
From: gah@ccd.harris.com
Message-ID: <1994Jan11.184816.4098@ccd.harris.com>
Source record: 277893

For Sale

BC855XLT scanner with cellular modification
and 100 channel modification.

Perfect condition, original box, manual etc...

$150 + shipping.

234. Re: Pro-43 mod for 108-118MHz

Newsgroup: rec.radio.scanner
Date: 1994-01-11 19:09:01 UTC
From: garlau@eis.calstate.edu
Message-ID: <2gutgd$qa4@eis.calstate.edu>
Source record: 277791

joseph.pereira@channel1.com (Joseph Pereira) writes:
> >Is there a known mod for Radio Shack's Pro-43 scanner to allow coverage in
> >the 108-118MHz band? There are some aeronautical frequencies of interest
> >there. Some other RS Pro-xx scanners cover from 108MHz up, but the Pro-43
> >starts at 118MHz for some reason.

>
> Hi Patrick,
> The RS PRO-34 covers those bands!
> Joseph

Yeah...but he was asking about the PRO-43, not the 34....

(which is one reason I haven't parted with my 34 yet :-)
--
Gary T. Lau, N6MMM // garlau@eis.calstate.edu
California Technology Project/Cal State Univ. // garlau@ctp.org

235. Yupitero MVT-7100 v.s. ICOM-R100

Newsgroup: rec.radio.scanner
Date: 1994-01-11 19:09:13 UTC
From: thweatt@rtsg.mot.com
Message-ID: <thweatt.758315353@mustang18>
Source record: 277892

I noticed on this net before, that someone wanted people's comments comparing the Yupitero MVT-7100 with the ICOM-R100. Someone responded with the comment like "Ones a toy the other is a quality receiver". Which one is a toy? I own the R-100 and think it is a fine radio, but I have noticed a lot of comments about the MVT-7100 as being a nice radio. Could someone again, give their options on the comparision between these to receivers. Which one is the better quality and reception???

Thanks,
John

236. Re: RS voice activated recorder

Newsgroup: rec.radio.scanner
Date: 1994-01-11 19:26:14 UTC
From: ira@src.dec.com
Message-ID: <2guugm$dlk@src-news.pa.dec.com>
Source record: 277887
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

I've been trying to use a voice-activated recorder for SWLing, too. The biggest problem I have with this is I can never tell which of a number of frequencies or which setting of the controls will bring the signal in best when using the timer. So, sometimes the timer can go off but the signal will suck for unattended recording. Doesn't seem to be a good work around for this problem.

/Ira

237. Re: Presidential Visit

Newsgroup: rec.radio.scanner
Date: 1994-01-11 21:04:36 UTC
From: newman@netcom.com
Message-ID: <newmanCJHH7p.1FB@netcom.com>
Source record: 277891

In article <2gcl0k$oba@post.its.mcw.edu> mmjjmm@post.its.mcw.edu (Michael Malloy) writes:
>President Clinton is coming to town on Thursday. What are the suggested
>frequencies I should monitor?
>--
>Michael J. Malloy
>Medical College of Wisconsin Truth is a Virus
>mmjjmm@post.its.mcw.edu
>

Don't they usuallu scramble those channels?

238. Frequency Counters

Newsgroup: rec.radio.scanner
Date: 1994-01-11 21:06:05 UTC
From: g5g192@rick.cs.ubc.ca
Message-ID: <2gv4bt$ebv@cs.ubc.ca>
Source record: 277889

Dumb question, but what is a frequency counter?

From what I've heard, it lets you determine the frequency at which something is transmitting, but how? Does it just pop the number up, or is there more to it than that? thanx!

239. Re: Antenna's for listening to 46.8 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-01-11 21:17:12 UTC
From: g5g192@rick.cs.ubc.ca
Message-ID: <2gv50o$efq@cs.ubc.ca>
Source record: 277890

I want to add an antenna to my car to improve reception in
the 46.5-47 mhz range. (DUH! I wonder why? =)) A couple
people have posted advice here, so I'll just post my questions
here:

Someone said:

> I have two receiving antennae on my car, one of them is a generic
> multi-band antenna that boasts coverage from 30Mhz-1Ghz, and the other is
> the 8.6ft Fiberglass whip that RS sells, cut off at exactly 5 feet.

> For 46-49 Mhz the 5' modified fiberglass whip outperformes the multi-band
> antenna by a long shot. It also picks up the aircraft band (118-136)
> really well, even though it's off freq. for it. I have the 5' antenna

So does this mean I just go to RS and buy an 8.6 foot Fiberglass whip,
and clip it (with gardening tools) to 5 feet?

Now, somone else said that the antennal will have a coax cable attached
to it. Is this true for this whip as well? Is it long enough to
reach inside the car?

Also, I apparently need a UHF to BNC adaptor if the connector
is not a BNC adapter.

I'll also need the magnet to attach it to the car (or some way of
attaching it). Where do I get this from?

All in all, how much will it cost? How much for the whip, the
cable (if not included), the adaptor?

Someone else said:

> I live in an area that has heavy low band use. My area Police and fire are
> at 39Mhz, and State Police still use 42-44Mhz. I cut a RS CB stainless
> whip to 70 inches to produce a broad band quarter wave. It outperforms
> anything (on these bands) that I have ever used.

So which one is better? What should I cut to? 5 feet or 70
inches?

Thanx for your help. I'd love to hear from someone who's actually
done this. ttul!

240. PennDOT frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-01-11 21:30:32 UTC
From: Dave Shaffer <DCS4@psuvm.psu.edu>
Message-ID: <94011.163032DCS4@psuvm.psu.edu>
Source record: 277894
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Anyone have a definitive answer on frequencies used by the
Pennsylvania Department of Transportation (PennDOT)?

I've checked a couple of different sources and come up with
a dozen different answers. Theories included having the state
frequenmcies varied by east/west or by engineering district,
as well as by county.

I asked my contact at a local PennDOT office who at first fired
off a list of three frequencies, but then added "I think these
might have been changed recently, I'm not sure...."

All of the answers so far have been in the mid-47 MHZ range.
The most popular answers are 47.14, 47.30, and 47.38...

Anybody know for sure? - Dave

241. Re: Antenna's for listening to 46.8 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-01-11 22:12:04 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Jan11.151204.3368@cmkrnl>
Source record: 277899

For receiving ~46 MHz in the car (which does not just mean cordless phones; the California Highway Patrol live near there most of the time), I've found that the car's regular radio antenna works just as well, other things being equal, as a mag-mount scanner antenna. An FM radio antenna is a quarter wavelength at the center of the FM band, which means it's half a wavelength at 49 MHz, which isn't bad at all. (Certainly it's a lot better tuned than a 27 MHz CB antenna used at 46 MHz!) It's easy and cheap to try; Radio Shack even has an adapter to go between the antenna's "Motorola" antenna plug and a scanner's BNC jack.

DON'T try splitting the signal and feeding to both radios at once, you'll get just what you should expect -- half of the signal goes to each.

The "other things being equal" part is the trick. The radio antenna is usually on a fender, with coax of dubious quality, perhaps running longish distances to get to the dash.

The other big "inequality" suffered by the FM antenna is its placement: It's usually in a very asymmetrical position wrt the car body, and it's usually down on the fender too. A mag-mount scanner antenna smack dab in the center of the roof is absolutely ideal as far as height and symmetry are concerned.

But back to the FM antenna: For a real stealth installation, put the scanner in the trunk near the antenna... (well, MY car's antenna is on a rear fender, dunno about yours); use a coax relay to switch the antenna to the scanner or to the in-dash radio; run audio and some remote control leads from the scanner into the stereo head unit. A really serious, read deranged, scannist would use a scanner with a computer control interface and an HP or similar palmtop up front to control it.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CIS: 74140,2055

Whatever you can do, or dream you can, begin it.
Boldness has genius, power and magic in it. - Goethe

242. Yupi MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-11 23:11:31 UTC
From: bmiller@landesk.intel.com
Message-ID: <2gvbn3$r2v@ornews.intel.com>
Source record: 277895

I was going to post this a while ago, but I wasn't sure it would do anyone any good. But, for what it's worth, I was in Hong Kong a few months ago and saw the Yupiteru in a store in Tsim Sha Tsui (main shopping district). I asked how much they wanted for it and they said US$450!!

As with all shopping in Hong Kong it is buyer beware. I would not reccoment trying to mail order this, but if you are in the neighborhood.

I think the store was on Hanoi Rd. If you are serious about going there I can provide the info off the business card I picked up.

The only reason I didn't buy one was because it was larger than I wanted.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

243. SW Radio Purchase

Newsgroup: rec.radio.scanner
Date: 1994-01-12 00:05:07 UTC
From: jk@retix.com
Message-ID: <CJHpKL.n4t@retix.com>
Source record: 277898
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

Could anyone please advice me on the purchase of a Sony ICFSW30. It costs about $120, would it be sufficent to pick up the BBC from Los Angeles?.

Thanks for any help,

John Keegan. john-keegan@retix.com

244. Mobile Scanner with Alphanumerics?

Newsgroup: rec.radio.scanner
Date: 1994-01-12 00:07:01 UTC
From: mccormac@galaxy.mpr.ca
Message-ID: <1994Jan12.000701.9437@mprgate.mpr.ca>
Source record: 277896

Hi all,

I am in the market for a mobile scanner that will be permanently installed in my car. I have uncovered many *mobile* scanners, however, most of them are not appropriate for in-dash installations such as any normal car radio/tape/cd player. Another feature I really must have is an alphanumeric display. It is just as important to me to be able to identify (at a glance) who is broadcasting as it is to hear what they are saying.

I have considered the new Uniden 8000 model (don't recall the exact model number off hand) but it was mobile compatible and had many nice features. However, unless I can find a way to remote mount a control/display panel, I doubt I will consider it due to its immense size (The unit I buy must roughly fit in a DIN sized dash space). The only other mobile unit I know about is the aging Kenwood RZ-1, which is exactly DIN sized and has 100 memories with alphanumeric capability. Unfortunately, not only is it old, but overpriced, and I have heard that its scanning abilities are marginal.

My questions to the group include:

[1] Are there any other alternatives to the RZ-1 or 8000 for mobile scanners that are roughly DIN sized and have alphanumeric displays?

[2] What is the possibility of crafting a custom display and control panel for the Uniden model given a fair amount of personal electronics experience?

[3] What are the pros/cons of the Kenwood RZ-1 receiver?

[4] Does anyone else make a scanner with alphanumerics regardless of its intended application?

Thanks very kindly in advance,

Chris McCormack (mccormac@galaxy.mpr.ca)

245. Re: AR-1500

Newsgroup: rec.radio.scanner
Date: 1994-01-12 00:30:22 UTC
From: schuster@panix.com
Message-ID: <2gvgau$s0j@panix.com>
Source record: 277897

In article <CJH8Mq.7n6@noose.ecn.purdue.edu>,
Jason A Kronz <kronz@woodling.ecn.purdue.edu> wrote:
>
>Also how does this stack up to the Yupitera (I think it is.)

If AOR had done their homework when re-designing the AR1000 to fit into the old AR900 case, they would have come up with something like the Yupiteru. The Yupiteru MVT-7100 is the AR-1500 done =RIGHT=.

>I might want to exchange this for one of those, if there that much
>better...although $150 dollars more.

Do it. Absolutely. Here is my friend Howard Bornstein's review:

:
PRODUCT REVIEW

AOR AR1500 continuous coverage handheld scanning receiver with SSB.

by
Howard Bornstein
Copyright 1/25/93

This is a review of the new AR1500 continuous coverage handheld scanner from AOR. Consider this review to be preliminary, since it was conducted on a unit I had available over a weekend and does not reflect long-term usage. In this review, I will be comparing the AR1500 to the AR1000 and the Radio Shack PRO-43, two other scanners I am very familiar with (I am the author of the Guide to the AR1000, and the upcoming Guide to the PRO-43).

VERSIONS
There are three versions of the AR1500 known at this time. The original AR1500 was released and available in Japan, the UK, and Europe in mid 1992 and was known simply as the AR1500. A later revision to this scanner appeared in late 1992, called the AR1500E. This model differs from the earlier model by including a cascade filter at 58.075 MHz IF to improve selectivity, a DC input protection diode to guard against reverse polarity connection, additional buffering in the microprocessor to protect against software crashes when scanning an empty bank, and a reset switch in the battery compartment.

A new revision, called the AR1500EX, will be available on Feb. 9, 1993 only in the UK. It contains a substantial redesign of the PC boards and logic circuits. The RF board has been completely redone. In addition, the BNC connector has been reinforced. The unit is supposed to have better selectivity and better handling of strong signals.

This review was conducted on an AR1500E that was imported in the US from ACE Communications. My thanks go to Glenn Cohen of Scanner's Unlimited for the loan of this unit for testing.

FEATURES
The AR1500 is a very feature-laden scanning receiver. It's main features are:

o 900 general channels of non-volatile scan memory. (100 channels dedicated for search and store feature).
o 10 individual search banks. (Bank 9 dedicated to search and store)
o Reception in FM, wide FM, and AM modes.
o Contains a beat frequency oscillator (BFO) for reception of single side-band (SSB) and continuous wave (CW or Morse) signals. It can receive both upper side-band (USB) and lower side-band (LSB) transmissions.
o Continuous coverage from 500 KHz to 1300 MHz with no gaps.
o Searches and scans at 20 channels per second.
o Any channel can be the priority channel which is active in search, scan, or manual mode.
o Search increment is user-selectable in any steps of 5 KHz and 12.5 KHz up to 995 KHz.
o Tuning knob.
o Channels, scan banks, and search banks may be locked out. Also, individual frequencies during a search may be locked out.
o 10 db attenuation switch
o Automatic search and store function.
o Delay or Hold feature.

SIZE
The AR1500 is a fairly small scanner, much smaller than the AR1000 and about the same size as the PRO-43. It is about 1/2 inch taller than the AR900. Both the buttons and the display are smaller than the AR1000, as is the speaker.

There is a trend with current scanners to make them smaller, but there seems to be diminishing returns in this endeavor. The AR1500 is small enough to be a problem for some people. For someone with large hands, the small buttons may create difficulties in programming. There are also many controls crammed on the top of the scanner (see below). In particular, it is quite difficult to turn the unit on and off and adjust the volume because the On/Off/volume knob is crammed in between the BNC connector and the Squelch/BFO knob. This makes if very difficult to get your fingers around the On/Off knob to turn it.

Other negative side-effects of the small size are the smaller, lower-fidelity speaker, and the smaller battery pack, reducing operation time.

CONTROLS
The top of the unit contains a number of knobs and switches. You'll find the BNC connector, an On/Off/Volume knob, a ganged BFO/Squelch knob, a tuning knob, a BFO button, a 10 db attenuator button, and earphone jack, and a pushbutton switch for keylock.

The display and the keyboard are the same as the AR1000, although some of the keys are in different positions (e.g. BANK and INC are reversed on the AR1500 and INC is now called STEP).

Sound quality is good and the unit can be turned to full volume without distortion, but the speaker doesn't give the same high-fidelity sound as is found on the AR1000.

ACCESSORIES
The AR1500 in the US comes with its built-in nicad pack, a AAA battery holder, a rubber ducky antenna, a 5 meter wire antenna with a BNC connector on one end for HF reception, a cigarette lighter adapter, and AC charger, a soft case and a single ear earphone.

Note that the AC charger is not designed to operate the unit but to simply charge the batteries while the unit is turned off. If you want to use the scanner while plugged in (which you will, since the battery life is short), you will have to purchase a separate AC adaptor. The Radio Shack 12 VDC 500 mA adapter (CAT No. 273-1652B) works fine for this.

OPERATION
The AR1500 operates essentially the same as the AR1000. This is to say that it uses a somewhat cumbersome programming scheme. Users of the Uniden BearCat series of scanners and the Radio Shack/GRE PRO series of scanners will find the AR1500 operations to be tedious.

Of more concern is that the operation of the AR1500 was modified slightly--in some cases to handle the new search and store feature and in others to simply "improve" the operations. However, many of the special tricks and shortcuts that were possible on the AR1000 (and described in the Guide to the AR1000) no longer work on the AR1500. While learning how to use the AR1500 is not all that difficult, it requires more time than most scanners and more consultation with the user documentation.

An interesting difference between the AR1500 and the AR1000 is that every keystroke you enter on the AR1500 generates an audible beep for feedback. This capability is also found on some of the Fairmate versions of the AR1000 (i.e. the HP100 and HP200). On the AR1000, there is no keystroke beep.

USER'S MANUAL
The AR1500, as supplied in the United States, comes with a 19 page user's manual. This manual briefly describes the keys, the controls, and the basic operations, but doesn't go into much detail about how to take advantage of the power of this scanner. In addition, there are some serious errors in the documentation, particularly in the examples. As stated above, the Guide to the AR1000, while covering all the basic operations of the AR1500 (minus the BFO and search and store feature), addresses many tricks and shortcuts that are not applicable to the AR1500. As a result, the Guide to the AR1000 is not primarily recommended to owners of the AR1500.

The user's manual for the AR1500 available in Australia and New Zealand is better and the manual produced by AOR Ltd. in the UK is the best.

PERFORMANCE
The following characteristics are based on my subjective analysis during usage and not on laboratory tests. They may be specific to my location (San Francisco Bay area).

SENSITIVITY
The AR1500 is a quite sensitive receiver. It proved to be more sensitive than the AR1000 but less sensitive than the PRO-43. It easily broke squelch on a signal that the AR1000 could only hear with the squelch opened manually. Both units were using identical DA900 rubber duckies.

Like the AR1000, the AR1500 can pick up SW and MW signals when attached to an appropriate long-wire antenna. While you wouldn't buy this unit as your primary shortwave receiver, it can pick up strong SW signals nicely (subject to signal fading) and the AR1500 can easily decode SSB signals.

INTERMODULATION
The AR1500 seems to have about the same intermod problems as the AR1000. My unit got periodic FM radio broadcast interference all across its frequency range. While it wasn't as bad as the Icom R1 is rumored to be, it was noticeable.

IMAGES
The AR1500 is supposed to be triple-converted, but I noticed images in the 800 MHz range. I picked up cellular phone conversations on the local government frequency of 812.2125 MHz. This was the only frequency I noticed images on. The AR1000 doesn't do this.

RF
The AR1500 puts out a fair amount of RFI. It stopped the PRO-43 from scanning at a distance of over 4 feet. If you are using this scanner near other scanners, you might have a problem.

BATTERY LIFE
The AR1500 comes with a custom 5 AA cell molded nicad pack. The pack is removable, but there is no way to charge the pack while out of the scanner. The scanner also comes with a battery holder that will take 4 AAA alkaline or nicad batteries. I wasn't able to do a battery test on this unit but the custom nicad pack battery life is said to be about 4 hours. The AAA battery pack life is supposed to only be about 2 hours. Any AR1500 users who have more accurate figures than this are encouraged to contact me and I will update this document to reflect these figures.

Charging time is approximately 15 hours and you are warned not to overcharge the nicad pack.

Battery life and maintenance seems to be the biggest problems with this unit. It will not be very useful in the field if you run out of juice in a few hours. And, unfortunately, you can't be charging one pack while you are using another.

SSB OPERATIONS
One of the more intriguing features of the AR1500 is the ability to decode

SSB. The AR1500 includes a BFO that you can use to tune in upper or lower side-band signals. There are a number of limitations to this feature, however.

I had hoped that you could simply program in a number of utility stations and scan them in SSB. However there are a couple of things that make this impossible. First, the squelch control on the AR1500 is as squirrelly as it is on the AR1000. The squelch setting is different for different bands, and in the SW region it is practically useless. You cannot squelch out many frequencies, even if they don't appear to have an active signal or carrier. Therefore, you can't really scan these frequencies.

The second problem has to do with the resolution of the AR1500. The finest tuning increment you can select is 5 KHz. You use the BFO to tune between the 5 KHz limitations. So, for example, if you wanted to pick up 8989 KHz, you would have to enter 8990 and then tune down to 8989 with the BFO. Of course, the setting on the BFO would be different for this station than it would for 7613 (you'd have to enter 7610 or 7615 and tune in between with the BFO). What this means is even if you could scan SW stations, the BFO would be set at a different location for each station.

While I didn't try this with CB, presumably you could enter all 40 CB channels, set the BFO to USB and scan all the USB CB channels. Then, just by turning the BFO a bit, you could scan all the LSB CB channels. If any AR1500 user can confirm this, please drop me email and I'll update this document with your comments.

The unit I tested also put out an extremely high-pitched whine while tuning in the SW bands.

SEARCH AND STORE
The search and store feature provides a way to automatically take active channels that you find during a search and plug them into scan channels. The search and store feature on the AR1500 is pretty limited in its capability and usefulness. This is somewhat frustrating, especially since all of the capabilities are built into the AR1500 to have made this a much more useful feature.

Whenever you search with search bank 9, every channel it stops on is automatically plugged into the next succeeding scan channel in scan bank 9. The first signal goes into channel 900, then 901, etc until you fill up all 100 channels in scan bank 9. When you reach channel 999, the unit starts over with channel 900 again.

The way you would use this is to start searching and then later simply scan, using scan bank 9. The problem with this feature in the AR1500 is that it stores anything it stops on during a search. It will store open carriers, data channels, static, and any other kind of signals. The biggest problem, however, is that it stores the same frequencies over and over again.

This could have been eliminated and the search and store feature could have been made to be much more useful had AOR simply combined the search frequency lockout feature with the search and store feature. This way, as

soon as the scanner stopped on an active frequency during a search, the frequency would be stored in scan bank 9 and be locked out of search bank 9. Then, an active frequency would only be stored once. In addition, the scanner wouldn't have to needlessly stop on channels you have already stored, making it more likely that you could catch the elusive signals in the range you are searching. Then, when you scan bank 9, you'd get all the frequencies found during your search with no repetition. Alas, it wasn't implemented this way, so IMHO the search and store feature is quite a bit less useful.

In addition, the search and store feature only stores the mode as AM or FM. If you are searching in WFM mode, the channels get stored as FM mode, not WFM mode.

RECOMMENDATION
The AR1500 is an amazing piece of engineering, cramming incredible functionality into a very small package. Unfortunately, the small size itself may be more of a minus than a plus. It makes the unit harder to operate and gives it a considerably shorter battery life. In addition, the designers of the AR1500 didn't fix many of the idiosyncratic problems of the AR1000 when they designed this new scanner.

While the AR1500 is more sensitive than the AR1000, you lose 100 scan channels and one search bank to the dedicated function of the auto search and store--a feature which may not be of great value to most users.

You also get SSB reception, but this feature generally can't be used in scanning mode. This makes SSB reception a single station feature. Since the AR1500 isn't designed as a primary shortwave receiver, this feature should be considered a bonus, not a main selling point.

Unless you have a specific and demanding need for SSB reception, it seems hard to justify the additional expense of an AR1500 over an AR1000, especially considering its difficulty of operation due to its small size and its short battery life. However, if you are in the US and are buying the AR1500 from the UK, with the current exchange rate, you may get a price comparable to the US version of the AR1000. In this case, the trade-offs might make sense.

The AR1500 has the same intermod and squelch adjustment problems as the AR1000. In fact, the AR1500 manual from ACE carries this disclaimer in the warranty:

"We do not warrant that the operation of the unit will be uninterrupted or error free."

BOTTOM LINE:
If you want a continuous coverage scanner and don't have a pressing need for SSB reception, buy an AR1000.

Feel free to contact me with comments, confirmations, criticisms, or additional information (I'd appreciate holding off on the death threats if you don't mind!)

Howard Bornstein
76174.637@CompuServe.COM

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

246. Re: Why are CB, AM/FM, and TV blocked?

Newsgroup: rec.radio.scanner
Date: 1994-01-12 00:36:56 UTC
From: newman@netcom.com
Message-ID: <newmanCJHr1L.JxB@netcom.com>
Source record: 277900

In article <2gifkp$37e@portal.gmu.edu> sjaves@mason1.gmu.edu () writes:
>I hope this isn't a FAQ but why do scanners have these bands blocked?
>Is there a mod for the pro 46 to restore them?
>Thanks.

When I was in the Bay Area, I used to get the spanish station, chanel
14, at 475.762 MHz

247. Dorval

Newsgroup: rec.radio.scanner
Date: 1994-01-12 01:21:06 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758341454.AA05073@rochgte.fidonet.org>
Source record: 277912

* Forwarded from "SCANRADIO"
* Originally by David Stark
* Originally to All
* Originally dated 10 Jan 1994, 21:54

While we're at it, here are the freqs that I have so far for Montreal
Dorval Airport:

118.900 Arrival
119.900 Tower
121.900 Ground
122.500 Tower (again?)
122.600 Transport Canada
124.650 Departure
125.150 Arrival
125.400 VFR
126.900 SELCAL
127.900 SELCAL
130.375 Air Canada & Ontario
130.575 Canadien Airlines Int'l (Dorval maintenance)
132.350 Tower
132.575 Canadien Airlines Int'l (Dorval ops)
134.150 Arrival/Departure
135.050 Air Canada
135.400 Air Canada
167.850 Air Canada ramp
460.700 Air Canada ramp

I have only monitored a handful of the "company" channels listed above
from my QTH in Rochester, NY. The rest are compiled from various sources and
are unverified.

In particular, I question the "SELCAL" frequencies, as they are outside
the range generally occupied by ARINC stations. Neither do I know just what
"VFR" is supposed to mean. The multiple Arrival, Departure and Tower listings
are probably split up geographically. Any help in correcting or amplifying
the above info will be greatly appreciated.

==
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==

248. Montreal ARTCC

Newsgroup: rec.radio.scanner
Date: 1994-01-12 01:21:07 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758341454.AA05074@rochgte.fidonet.org>
Source record: 277911

* Forwarded from "SCANRADIO"
* Originally by David Stark
* Originally to All
* Originally dated 10 Jan 1994, 21:56

Here are freqs on which I have heard aircraft working Montreal Center:

132.850
133.400
133.700
134.400

I have seen a listing for 132.550, but have heard no traffic there.

==========
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

249. Montreal milair

Newsgroup: rec.radio.scanner
Date: 1994-01-12 01:21:08 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758341454.AA05075@rochgte.fidonet.org>
Source record: 277913

* Forwarded from "SCANRADIO"
* Originally by David Stark
* Originally to All
* Originally dated 10 Jan 1994, 21:58

I almost forgot the military aero freqs. None of these are verified:

267.100 Dorval Tower
268.300 Dorval VFR (whatever that means)
275.800 Dorval Ground
282.400 Mirabel Tower
287.200 Dorval Arrival
323.200 Dorval Departure

If anybody can help with VHF/UHF pairings, please advise.

==========
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

250. MIRABEL

Newsgroup: rec.radio.scanner
Date: 1994-01-12 01:22:05 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758341454.AA05072@rochgte.fidonet.org>
Source record: 277910

```
* Forwarded from "SCANRADIO"
* Originally by David Stark
* Originally to GLEN SCURR
* Originally dated 10 Jan 1994, 21:46

> DS> Does anyone have frequencies for Montreal Mirabel airport?

> I have 119.100 down as MIRABEL TOWER, give it a try.

Thanks for the tip. The only freqs I have listed for Mirabel are:

463.550 Lufthansa ramp
469.050 Swissair ramp

I also have monitored these frequencies, but I don't know for sure if
"Montreal" means Mirabel or Dorval:

122.850 Sky Service
129.600 American
130.200 Grand Air
130.475 Frontier
131.000 Northwest

===============================================================
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
===============================================================
```

251. NYSDOT channel reorganization

Newsgroup: rec.radio.scanner
Date: 1994-01-12 01:22:09 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758341454.AA05076@rochgte.fidonet.org>
Source record: 277914

* Forwarded from "SCANRADIO"
* Originally by David Stark
* Originally to All
* Originally dated 10 Jan 1994, 22:03

It sounds like NYSDOT has reorganized their radio scheme for plows and salt trucks. Several bases that were heard last winter are off the air and others have changed frequency.

The most significant change is the apparent migration from the half-duplex channel pairing of various base frequencies with the statewide mobile frequency of 47.40 MHz. Some of the trucks are conversing with their bases on the base frequency now. It seems to vary with the age of the mobile radio (maybe).

Also, I have heard at least one base station conversing with a mobile unit on 47.22 MHz, which used to be the statewide truck-to-truck channel.

Does anyone have any details on this restructuring?

==========
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

252. Re: Antenna Questions

Newsgroup: rec.radio.scanner
Date: 1994-01-12 02:37:50 UTC
From: c002@ns1.cc.lehigh.edu
Message-ID: <1994Jan12.023750.37506@ns1.cc.lehigh.edu>
Source record: 277904

In article <1994Jan10.161810.19838@analog.com>, david.clark@analog.com writes:
>
> I have a couple of questions about an antenna to mount on the roof
>for my RS PRO-39.
> First of all, has anyone ever used the RS Discone antenna. They
>claim freqs. from 25-1300 MHZ? Is this true and how well does it
>work? Or is there a better antenna available for less than $100
>somewhere other than Radio Shack?

i don't know about that...but i use the BASE scanner antenna <not the discone
one> and a mag mount moblie on a 12"x12" piece of sheet metal on my roof, and
it works wonders!! the base is 108-1300 MHz and the mag is 25-1300 MHz,
btw---i use both ant. on ONE radio

> Second, is it possible to hook-up the same antenna to two different
>scanners? I would like to just split the coax instead of putting
>a switch on it. Would this affect the performance of the antenna
>or scanners?

all u need is a 3way spliter! an all female "T" connector will work!

> How much more range would a discone give the scanner? I used to
>pick-up Boston Police Area D and now I get some of the freqs, but
>I have to move the scanner around. So, I'm assuming it's the antenna
>on the scanner, as I can get my town police and Public Works no prob.

like i said...i haven't the foggyest!

>
> Please post or E-mail responses. Thanks in advance!!
>
> Dave
>
>
DAvid
KBR-9318

--
:)**********************************(:
:)**********************************(:
** **
** The Flying Ham **
** **
** Cole's Law: **
** Thinly sliced Cabbage **

253. Celluar freqs please!!!!!!!!!1

Newsgroup: rec.radio.scanner
Date: 1994-01-12 02:39:30 UTC
From: c002@ns1.cc.lehigh.edu
Message-ID: <1994Jan12.023930.67796@ns1.cc.lehigh.edu>
Source record: 277905

what are some of the celular phone freqs? all i know is that they are 800MHz band...but where in the 800 Mhz band? and what is the spaceing? 50 KHz?

Thanks!

David
--
:)**********************************(:
:)**********************************(:
** **
** The Flying Ham **
** **
** Cole's Law: **
** Thinly sliced Cabbage **

254. five scanner questions

Newsgroup: rec.radio.scanner
Date: 1994-01-12 02:51:28 UTC
From: achern@wam.umd.edu
Message-ID: <2gvojg$hf4@cville-srv.wam.umd.edu>
Source record: 277901

In a previos post I inquired about places to get car-mounter antennas. These
are the places to which I was directed for higher quality stuff:

EEB
703-938-5309
323 Mill St. NE
Vienna, VA.

Radio supply store. Lots of stuff, knowledgable
employees but difficult to return bought merchandise.

Scanner World USA
518-436-9606
10 New Scotland Av.
Albany NY 12208

GM-1a Glass mount scanner antenna (25-1200mhz) 39.99 (october93 issue)
Ant-75 Mag mount (29-956mhz) 42.99 (other mounts same price)

Grove Enterprises
P.O. Box 98
140 Dog Branch Road
Brasstown, NC 28902-0098
1-800-438-8155

Ant-4 mag mount w/ motorola and bnc connector. 25-960mhz 24" whip

Antenna Specialist
(find a dealer near you)

Supposedly a very good place with a lot of selection.
Worth the trouble of finding.

Alex Chernyakov
achern@wam.umd.edu

255. Where to get scanner antennas

Newsgroup: rec.radio.scanner
Date: 1994-01-12 02:52:10 UTC
From: achern@wam.umd.edu
Message-ID: <2gvokq$hf6@cville-srv.wam.umd.edu>
Source record: 277902

I have several question for which I'm hoping to receive some net-wisdom.

I have a PRO-46 mounted inside my car. I'm using the suggested RS cigarette-lighter adapter. Assuming the scanner is always turned on, I have the following concern: When I start my car, the scanner turns on for a brief moment (ignition key at ON position), then it turns off when I actually START the car, then on again when the car is started and the key is released back to the ON position. Because the scanner is being turned on and off in an abnormal way (power removed from the adapter), might this be harming my scanner in the long run? The car is an 88 Camry, not that it really matters.

My second question is about weather. I live just north of D.C., and now-a-days the temperature can go below freezing. Can these somewhat extreme temperatures be harmful to the scanner (especially during more extended periods, such as overnight). Recently I have taking the scanner inside with me whenever I don't park in the garage.

Third is a question about antennas. Currently I am using RS's $10 (if I remember correctly) telescoping antenna mounted on the left-rear window with RS's Window Mount (roll up the window to hold the connector in place and attach any BNC-tipped antenna). If I were to buy RS's (Antenna Specialist's discone?) scanner antenna and mount it in the middle of my car's roof, would my general reception quality improve? (I scan everything - 46, 154, 494, 860 Mhz ranges; that's why I ask about general reception.)

Fourth: My car's electronics cause some (obviously) noticeable interference. Would opening the scanner up and treating the case with a shielding spray improve this situation to the point where the procedure would be worth doing (especially if this voids the warantee)? Are there any other ways to eliminate some of the interference?

Fifth: The way my scanner is mounted in the car, the display is difficult to read. What I do is simply clip the scanner to the fold-down-sun-block-flap (can't think of proper term for it) using the included belt-clip. This forces me to dangerously look up at the scanner display if I need to do so. Has anyone had cheap success mounting their scanner any other way (other than buying a $35-$55 cell-phone mounting bracket)?

I appreciate any information given, and will summarize.

Alex Chernyakov
achern@wam.umd.edu

256. Re: Yupitero MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-12 04:03:12 UTC
From: miken5xnn@delphi.com
Message-ID: <9401112255591.miken5xnn.DLITE@delphi.com>
Source record: 277906

>I assume that this unit does a good job of picking up regular FM
>broadcast stations and VHF/UHF television stations. How well does
>it do at picking up regular AM broadcast stations with the duckie
>antenna that comes with it (e.g., is it on par with a Walkman)?

Well, on FM stations it does very well. On am the reception isn't as clear
as a dedicated AM radio. However, this is true with any portable shorwave
reciever.

>Does it take ordinary batteries so that if I had a good battery/
>recharger setup I could run it off batteries as long as I liked
>(more or less)?

I use the Radio Shack Hi-Capacity Ni-Cads...get about 7-8 hours continuous
use per charge.

257. Re: Yupiteru MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-12 04:03:33 UTC
From: miken5xnn@delphi.com
Message-ID: <9401112255592.miken5xnn.DLITE@delphi.com>
Source record: 277907

>Batteries appear to be standard AA NiCads.

Get the gold Radio Shack Hi-Capacity Ni-Cads. There much better than the standards.

>I bought a RS 12v adaptor and installed the small barrel connector the >7100 requires. I use this instead of the supplied adaptor as that is >designed for 100VAC.

Roy, what does this modification do to the radio?

Mike in Arkansas

258. 900 MHz Cordless Phones - Info Please

Newsgroup: rec.radio.scanner
Date: 1994-01-12 04:43:22 UTC
From: "Erik S. Kolar" <ekolar@kiwi.ucs.indiana.edu>
Message-ID: <1994Jan11.234326.22383@news.cs.indiana.edu>
Source record: 277908
Cross-posted to: alt.radio.scanner,rec.radio.scanner,comp.dcom.telecom.tech

Hi, I've become interested in acquiring one of the new 900 MHz cordless phones. I've seen several models, but I'm somewhat confused about channels and such. I've seen as few as 10 and as many as 100 channels advertised, and also something called spread spectrum, which I assume sweeps the whole bandwidth. The spread spectrum phones seem to be the most expensive, i.e. $300 or more. Also, some phones seem to be digitally encoded while others are still analog (and, I would guess, more prone to interference). If anyone could point me to a review, or could provide a review of a particular model, I would appreciate it. I've been looking at models from Tropez, Sony, Uniden, Escort, Panasonic, and Cobra. The Tropez seems to be very attractive because of its $199 or less price. Thanks in advance.

--
-=+> Erik Scott Kolar ,_, <+=-
-=+> Internet: ekolar@kiwi.ucs.indiana.edu /oo \ _.-. <+=-
-=+> Bitnet: ekolar@iubacs <>__| /- O O <+=-
-=+> DISCLAIMER: The opinions expressed are my own. | U| \| <+=-
-=+> I do not speak for Indiana University or UCS. "What is it, man?" <+=-

259. Re: Presidential Visit

Newsgroup: rec.radio.scanner
Date: 1994-01-12 07:40:35 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jan12.074035.11127@hpcvaac.cv.hp.com>
Source record: 277909

newman@netcom.com (Charles E Newman) writes:
: In article <2gcl0k$oba@post.its.mcw.edu> mmjjmm@post.its.mcw.edu (Michael Malloy) writes:
: >President Clinton is coming to town on Thursday. What are the suggested
: >frequencies I should monitor?
:
: Don't they usuallu scramble those channels?

Yep. But you can usuallly get as much, or more, information by simply listening to your local police departments.

Bill

260. Re: NZ Readers - The Law

Newsgroup: rec.radio.scanner
Date: 1994-01-12 10:15:07 UTC
From: scrooge@moneybin.equinox.gen.nz
Message-ID: <wNB2Fc4w165w@moneybin.equinox.gen.nz>
Source record: 277840
Cross-posted to: alt.radio.scanner,rec.radio.scanner

gardner_a@kosmos.wcc.govt.nz (andy gardner) writes:

> I think that the register of frequencies maintained by the Ministry
> of Commerce is available for public scrutiny. THe only stuff that
> may not be listed in full would be SIS frequencies.

Can anyone confirm this? Is it available online or on disk?

Glenn.

Glenn Murphy. +64 3 3811862. 1 Traynor Lane
Avonside
Christchurch 8006
New Zealand.
---

261. PRO-2006 MOD

Newsgroup: rec.radio.scanner
Date: 1994-01-12 13:00:30 UTC
From: scott@redstorm.nawc-ad-indy.navy.mil
Message-ID: <9401121300.AA18042@cs.utexas.edu>
Source record: 277915

I just ordered a PRO-2006 from Marymac (which should be arriving today...I hope). I know that cutting diode D502 will do the cell restoration. What does cutting diode D503 do? I thought I read a while back that if D503 was cut the scan rate would be sped up by a small amount (~15%). Does anyone know about this?

Thanks in advance.

| Scott Richardson |
| scott@redstorm.nawc-ad-indy.navy.mil |
| 72237.2420@compuserve.com |

262. Re: Celluar freqs please!!!!!!!!!1

Newsgroup: rec.radio.scanner
Date: 1994-01-12 13:04:04 UTC
From: schuster@panix.com
Message-ID: <2h0sg4$o0c@panix.com>
Source record: 277916

In article <1994Jan12.023930.67796@ns1.cc.lehigh.edu>,
DAVID M. ROSEMAN <c002@ns1.cc.lehigh.edu> wrote:
>what are some of the celular phone freqs? all i know is that they are 800MHz
>band...but where in the 800 Mhz band? and what is the spaceing? 50 KHz?

Try 869.01 - 893.97 at 30 KHz channel spacing. It is illegal to monitor
cellular calls in the US.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

263. Re: Yupiteru MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-12 13:13:36 UTC
From: mryan@coors.bu.edu
Message-ID: <2h0t20$kjr@news.bu.edu>
Source record: 277917

>I bought mine from Javiation and would like to second that they have great
>service.

How can I get in touch with 'Javiation'? Where are they located?

Thanks, ...Mark

--

264. 520-760 Mhz?

Newsgroup: rec.radio.scanner
Date: 1994-01-12 14:38:51 UTC
From: rhoenes@picasso.ocis.temple.edu
Message-ID: <1994Jan12.143851.17532@cronkite.ocis.temple.edu>
Source record: 277924

I see the PRO2006 doesn't get the 520-760 Mhz range. What is on this range that I will be missing if I get the PRO2006. I think most of the TV bands are in this range, but is there anything else?

Richard

265. dutch pro-46 scanner request for freqs

Newsgroup: rec.radio.scanner
Date: 1994-01-12 15:10:27 UTC
From: rcbas@rwa.urc.tue.nl
Message-ID: <rcbas.758386928@rwa.urc.tue.nl>
Source record: 277826

Hi There,

I am a dutch fire-fighter who has problems with his pro-46
programmable scanner receiver. I just don't seem to get the right
fire freqs. Several other freqs are correct but in my home town
- Eindhoven, The netherlands - nothing concerning fire-channels
can be received.

Does someone..?

Greetings to you all

Bas van Doren
rcbas@urc.tue.nl
+32 40474574
Technical University of Eindhoven
The Netherlands.

266. Re: Mobile Scanner with Alphanumerics?

Newsgroup: rec.radio.scanner
Date: 1994-01-12 15:15:54 UTC
From: bmiller@landesk.intel.com
Message-ID: <2h147a$877@ornews.intel.com>
Source record: 277828

I have never heard anyone praise the Knwd RZ-1, and like you say, the Undien 8100 is not DIN size nor easy to mount in tight spaces. The only other alphanumeric scanner I can think of is the Uniden 8500XLT, but this is not the right size either (too big).

I don't think there is a scanner made to fit your needs, but you may want to consider a ham radio. While not optimized for scanning, I know yeasu makes one with alphanumeric display. You could even get your ham license while your at it. I know this is no big help, but I think you may need to compromise on your requirements :(

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

267. What batteries for the PRO-43?

Newsgroup: rec.radio.scanner
Date: 1994-01-12 15:25:17 UTC
From: cab@col.hp.com
Message-ID: <2h14ot$3r1@hp-col.col.hp.com>
Source record: 277827

Opinions, please, from PRO-43 owners:

While I'm waiting to receive my new PRO-43 from Marymac (got it for $275, as a data point), I'm trying to figure out what NiCd batteries to buy for it. I'll be getting them at Radio Shack (unless there are better ideas), but they offer a few types.

The standard purple one (23-125) is 650 mAh, and the Hi-Capacity version (23-149) is 850 mAh. If it only mattered that they'd last longer, I might get the Hi-C ones. But I know NiCds like to be charged at a certain percent of their capacities, so depending on what current the 43's AC adapter charges them with, the cheaper ones may actually be better in this case. Anyone have ideas here?

Also, the Hi-Capacity batteries are listed at $5.99 *each*, but a RSdroid told me that that was the twofer price. I'd like to believe him (I don't wanna spend $36 just for batteries, but I could live with $18), but last year's price was $5.95 each. Does anyone know for sure? Misprints two years in a row?

Apologies for posting this to both scanner groups. I know that folks are trying to migrate to one in particular (rec?), but there continues to be traffic on both (and I'd like to get an answer before I head home, since it may arrive today). Thanks!

268. CPR for the repeater?

Newsgroup: rec.radio.scanner
Date: 1994-01-12 15:26:47 UTC
From: john.monahan@gtegsc3.sprint.com
Message-ID: <2h14rn$f8r@europa.eng.gtefsd.com>
Source record: 277829

This question is posted on behalf of a friend w/o net access. I couldn't find a FAQ so if it is covered there please point me in the right drection.

When the police "Kill the repeater" I can't hear one side of the conversation. What does the repeater do and is there a way to listen to both sides of the conversation when it is disabled?

Thanks for your help!

John Monahan I don't speak for GTE
GTE Government Systems Corp They don't speak for me

269. BearCat 210 XL

Newsgroup: rec.radio.scanner
Date: 1994-01-12 16:03:07 UTC
From: calderwt@redbaron.wosc.osshe.edu
Message-ID: <calderwt.10.2D341F3B@redbaron.wosc.osshe.edu>
Source record: 277825

First of all, thanks for all the scanner codes people sent me! It was great that the Portland Salem Oregon area is so popular.

I have been given a old BearCat 210XL scanner, 18 channel. What I need to know is how do I run the thing. And if it is not working correctly, is it worth repairing or just junk it and getting a new one. This is my first scanner so I a little in the dark hear....

Thanks

Timothy A. Calderwood
Western Oregon State College
Programmer/Student

270. antennas

Newsgroup: rec.radio.scanner
Date: 1994-01-12 16:04:06 UTC
From: xxss525@chpc.utexas.edu
Message-ID: <1994Jan12.160406.25674@chpc.utexas.edu>
Source record: 277833

A short while ago some gave instructions for making a J shaped antenna
for a given frequency. I need to make one of these for 154.145 Mhz but
the instructions are no longer on my news spool. Could someone please
tell me how to do it? I know how to determine the wavelength given the
frequency but I do not know what lengths the two legs of the antenna
should be relative to the wavelength or how to attatch it to a bnc
connector. Thanks.

--Stephen

--
==
--Stephen Hall ma_bellnet: (512)471-2459
University of Texas Systems internet: xxss525@hermes.chpc.utexas.edu
Center for High Performance Computing bitnet: XXSS525@UTHERMES
> > > > > > > > > > > > > > Visualize Whirled Peas! < < < < < < < < < < < < < <

271. yet another request for mods: PRO-22

Newsgroup: rec.radio.scanner
Date: 1994-01-12 16:15:38 UTC
From: PATZ@slais.ubc.ca
Message-ID: <26BC7F07CEF@slais.ubc.ca>
Source record: 277830
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Hi, I know people say that some mods are available if they do a
Veronica search. That depends on which site they use Veronica.

So, I'm asking whether anyone knows where I can find out how to do
some mods, whether the info is on the 'net or in a book.

Thanks!

Marcus Patz patz@slais.ubc.ca
School of Library, Archival, and Information Studies,
Vancouver, B.C., Canada

272. Re: Yupiteru MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-12 16:17:05 UTC
From: doc@webrider.central.sun.com
Message-ID: <2h17q1INNud@cronkite.Central.Sun.COM>
Source record: 277918

In article kjr@news.bu.edu, mryan@coors.bu.edu (Mark Ryan) writes:
> >I bought mine from Javiation and would like to second that they have great
> >service.
>
>
> How can I get in touch with 'Javiation'? Where are they located?

Javiation Owner - Jonathan Clough
Carlton Works, Carlton Street
BRADFORD
West Yorkshire, BD7 1DA
United Kingdom

Phone 0274 732146 (From U.S. 011 44 274 732146)
Fax 0274 722627 (From U.S. 011 44 274 722627)

CompuServe address: 100117,535.
(Internet: 100117.535@CompuServe.COM or
clough@javiaton.demon.co.uk)

--
-- Steve Bunis, Sun Microsystems ***DoD #0795*** 93-ST1100
-- Itasca, IL ***AMA #682049***
-- ***HRCA #HM125617**
-- *** N9VLP ***

273. Re: What batteries for the PRO-43?

Newsgroup: rec.radio.scanner
Date: 1994-01-12 16:50:40 UTC
From: warren@bluesky.com
Message-ID: <2h19p0$4p7@pdx1.world.net>
Source record: 277919

In article <2h14ot$3r1@hp-col.col.hp.com>
cab@col.hp.com (Chris Best) writes:

> While I'm waiting to receive my new PRO-43 from Marymac (got it for $275,
> as a data point), I'm trying to figure out what NiCd batteries to buy for
> it. I'll be getting them at Radio Shack (unless there are better ideas)...

If you want real power, try AA NIH (Nickel Metal Hydride). They are 1.0
Ah(!) and use the same chargers as NiCads.

Real Goods in Ukiah, Ca (1-800-762-7325, visa/mc) sells them for $5
each. Tell 'em you saw it on the Internet. They have an amazingly wide
variety of electrical devices (batteries, chargers, flashlights, solar
panels..) targeted to `off-the-grid' types.

On page 12 of their Winter sale catalog, they have a drawing of a
PowerBook connected to a Portable Powerpack ($69) being charged by a
Portable Folding Solar Module (regularly $199, on sale for $179).
Great stuff.

274. AR1500,YUPITERA

Newsgroup: rec.radio.scanner
Date: 1994-01-12 17:55:17 UTC
From: kronz@woodling.ecn.purdue.edu
Message-ID: <CJJ346.12r@noose.ecn.purdue.edu>
Source record: 277920

Hello once again,
Yesterday I posted a message that I recieved the AR1500 for
Christmas and wanted to know how it stacked up against others...

The resounding messages was to return it and get the yupitera (sp?)

BUT, I want to know what features the yupitera has that the 1500 doesnt

Also I would like to know about any compliants anyone has about
the yupitera!

PLEASE respond quickly I have to return the AR1500 by friday for an
exchange its already been to long just to get my money back...

-thanks for all the info.

--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }

275. YUPITERA VS AR1500

Newsgroup: rec.radio.scanner
Date: 1994-01-12 18:05:02 UTC
From: kronz@woodling.ecn.purdue.edu
Message-ID: <CJJ3KF.18s@noose.ecn.purdue.edu>
Source record: 277922

Sorry to post another but I have one more question I just thought of

The AR1500 I have is continous coverage however the YUPITERA has
cell locked out... Is there a simple mod for this? I would want to
be able to scan every freq possible.

thanks again,

--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }

276. Questions about communication basics

Newsgroup: rec.radio.scanner
Date: 1994-01-12 18:07:10 UTC
From: lmctrle@LMC.Ericsson.SE
Message-ID: <1994Jan12.180710.16918@exu.ericsson.se>
Source record: 277921
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Hi there,

I have been reading the net on a regular basis and enjoy reading information exchange among netters. Now I have few questions about the communication basics and hope someone could enlighten me or expand my knowledge (I took some courses about communication theory few years back, but I guess either I was dumb - well, mark was low- or my memory was as good as that of a cow -please no offence to cow lovers). Here are my questions:

1) What are WFM (wide FM) and NWF different from regular FM (Advantages/Disadv.)? What media uses them? (TV/News stations..). What type of signals do scanners pick up if they (scanners) do not have AM/FM button? On expensive scanners, how do they pick up these types of transmissions?

2) USB, SSB and LSB, what the heck are they? I understand they are part of the whole sideband and carries the all info as the original band does. What are the advantages and disavantages using these bands in term of brodcasting distance, info fidelity and so on.

3) What does squelch button on scanners do? What is the communication principle, if any, behind this?

Thanks in advances

/Trien

277. Re: Yupiteru MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-12 18:20:14 UTC
From: zimmer@gw.wmich.edu
Message-ID: <1994Jan12.132014.13895@gw.wmich.edu>
Source record: 277923

>>I bought a RS 12v adaptor and installed the small barrel connector the
>>7100 requires. I use this instead of the supplied adaptor as that is
>>designed for 100VAC.

> Roy, what does this modification do to the radio?
>
> Mike in Arkansas

The supplied adaptor is designed to work off of 100VAC instead of the
110-120VAC used in this country. Others had reported that their units
got rather warm from the presumed (slight?) overvoltage that came out,
that is, possibly somewhat higher than 12V. In order to avoid this,
I bought a Radio Shack 12v power "cube", removed its connector, and replaced
it with a barrel connector that will plug into the Yupiteru. Doesn't modify
the radio at all.

W WWW WWW MM MMM UU UUU U Roy Zimmer roy.zimmer@wmich.edu
W WW WW MM MM UU UUU U Telecommunications Department
W W W W MM M M M UU UUU U Western Michigan University
W WW MM MM MM UUU UU Kalamazoo, Michigan USA

278. Re: Antenna Questions

Newsgroup: rec.radio.scanner
Date: 1994-01-12 19:12:37 UTC
From: damelio@bedford.progress.com
Message-ID: <2h1i35$ldi@pscgate.progress.com>
Source record: 277836

david.clark@analog.com wrote:

: I have a couple of questions about an antenna to mount on the roof
: for my RS PRO-39.
: First of all, has anyone ever used the RS Discone antenna. They
: claim freqs. from 25-1300 MHZ? Is this true and how well does it
: work? Or is there a better antenna available for less than $100
: somewhere other than Radio Shack?
: Second, is it possible to hook-up the same antenna to two different
: scanners? I would like to just split the coax instead of putting
: a switch on it. Would this affect the performance of the antenna
: or scanners?
: How much more range would a discone give the scanner? I used to
: pick-up Boston Police Area D and now I get some of the freqs, but
: I have to move the scanner around. So, I'm assuming it's the antenna
: on the scanner, as I can get my town police and Public Works no prob.

Dave, first go visit U-do-it Electronics on 128 in Needham. They carry Antenna Specialist brands. They are better performers IMO and experience. Look at the catalog, since they may not have much displayed. I have an MR-1 home antenna (I think that's the model). Cost was around 60 bucks.

Second, it is possible to connect two scanners to one antenna. The scanners want to see 50 ohms on the coax, this can be accomplished by splitting the connection at the antenna. Problems arise when you split at the scanner, and try to go to two antennas. Actually, at my home I have one coax that I "tap" into at about 20 feet from the antenna. This is for my bedroom scanner, then I continue to run another 70 feet downstairs to another scanner. The extra length hurts on 800Mhz (downstairs), but other freqs are fine.

In my current setup I'm not sure what the scanners are seeing as far as proper resistance (50ohm), maybe someone out there can enlighten me.
--

-=-
Steve D'Amelio "Chrome wheeled, fuel injected, and steppin' up to the line"
damelio@progress.com -Bruce

66 Olds88 -> 64 Comet -> 73 Duster -> 69 Chevelle -> 76 Omega -> 82 Ford EXP ->
84 T-Bird -> 83 Mustang -> 69 CJ-5 -> 85 Bronco -> 69 Mustang -> 88 Mustang ->
70 Mustang -> 85 Mitsu PU -> 91 Rodeo Wanted: pre 77 Bronco
=-=

279. Re: CPR for the repeater?

Newsgroup: rec.radio.scanner
Date: 1994-01-12 20:31:57 UTC
From: bmiller@landesk.intel.com
Message-ID: <2h1mnt$ls2@ornews.intel.com>
Source record: 277834

In article <2h14rn$f8r@europa.eng.gtefsd.com> john.monahan@gtegsc3.sprint.com (John Monahan) writes:
>This question is posted on behalf of a friend w/o net access. I
>couldn't find a FAQ so if it is covered there please point me in the
>right drection.
>
>When the police "Kill the repeater" I can't hear one side of the
>conversation. What does the repeater do and is there a way to listen
>to both sides of the conversation when it is disabled?
>
>Thanks for your help!
>
>John Monahan I don't speak for GTE
>GTE Government Systems Corp They don't speak for me
>

In this "kill" mode as you say, the mobile station is not repeated through the repeater. The base (dispatcher?) signal goes out over the repeater to the mobile. When the mobile transmits, the receiver is only fed to the dispatcher, and not sent to the output of the repeater so you only hear the dispatcher. If you want to hear the mobile station, you will have to pick it up on the input frequency to the repeater. This may or may not be possible depending on the mobiles location and output power. For most public service, I think the input freq is 5MHz above the output frequency, but there are no guarantees on this.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

280. Re: Questions about communication basics

Newsgroup: rec.radio.scanner
Date: 1994-01-12 20:59:08 UTC
From: bmiller@landesk.intel.com
Message-ID: <2h1oas$n13@ornews.intel.com>
Source record: 277831
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Sorry I cant requote your questions. My site rejects any messages
I send if my comments are not more lines than the original text.

There are two common FM types: Wide FM and Narrow FM. Some people
call them WFM and FM while others call them FM and NFM. So FM is
relative. When a signal is frequency modulated your voice deviates
the center frequency by some amount on each side of the center. In
wideband FM, there is more deviation (I think it's around 150KHz).
Narrow FM is only around 10 or 15 KHz wide. So your receiver needs to
be set to the proper mode so that the filter size matches the expected
signal width. If you tune WFM with a NFM scanner it will be chopped up
since the filter is too narrow and the outside ends of the deviation
won't get through.

Most radio comms are NFM. TV audio and FM broadcast is wide FM. As you
may have noticed, wide FM sounds better. THat's because there is more
of the true signal information there.

Your basic scanner picks up NFM so you can listen to police, fire, or
most any 2-way comms. As a side note, cellular comms seem to be
slightly wider than NFM (anybody know the numbers?).

I'll let someone else explain SSB.

I'm not sure what you mean by squelch "button". A squelch control
adjusts the threshold of the signal required to turn on the speaker
amplifier (this is an educated guess). A squelch button might set your
scanner to some set threshold level found useful for most situations.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

281. Re: BearCat 210 XL

Newsgroup: rec.radio.scanner
Date: 1994-01-12 21:02:30 UTC
From: bmiller@landesk.intel.com
Message-ID: <2h1oh6$nde@ornews.intel.com>
Source record: 277832

In article <calderwt.10.2D341F3B@redbaron.wosc.osshe.edu> calderwt@redbaron.wosc.osshe.edu (Timothy Calderwood) writes:
>First of all, thanks for all the scanner codes people sent me! It was great
>that the Portland Salem Oregon area is so popular.
>
>I have been given a old BearCat 210XL scanner, 18 channel. What I need to
>know is how do I run the thing. And if it is not working correctly, is it
>worth repairing or just junk it and getting a new one. This is my first
>scanner so I a little in the dark hear....
>
>Thanks
>
>Timothy A. Calderwood
>Western Oregon State College
>Programmer/Student
>

Several years ago I had my 210XL repaired by Uniden. They were working
on a flat fee of $45 at the time. I don't know if they still do this
though. Give them a call: 800-297-1023

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

282. AOR 900 MODS?

Newsgroup: rec.radio.scanner
Date: 1994-01-12 21:53:58 UTC
From: nnyx@wam.umd.edu
Message-ID: <2h1rhm$3t6@cville-srv.wam.umd.edu>
Source record: 277835

Does anyone know of any modifications for an aging AOR 900 scanner?
Thanks :}

Rich N3NYX

283. Re: Yupi MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-12 21:58:53 UTC
From: mills@galaxy.nsc.com
Message-ID: <CJJEE5.BLq@voder.nsc.com>
Source record: 277837

In article <2gvbn3$r2v@ornews.intel.com> bmiller@landesk.intel.com (Brett Miller - Support Engineer) writes:
>I was going to post this a while ago, but I wasn't sure it would do anyone
>any good. But, for what it's worth, I was in Hong Kong a few months ago
>and saw the Yupiteru in a store in Tsim Sha Tsui (main shopping district).
>I asked how much they wanted for it and they said US$450!!
>
>As with all shopping in Hong Kong it is buyer beware. I would not
>reccoment trying to mail order this, but if you are in the neighborhood.
>
>I think the store was on Hanoi Rd. If you are serious about going there
>I can provide the info off the business card I picked up.
>
>The only reason I didn't buy one was because it was larger than I wanted.
>
>
>
>--
>Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
>Intel Corp. Internet: bmiller@landesk.intel.com
>American Fork, UT IP: 128.215.210.58
>

In my experiances in Hong Kong, you can purchase items for about one half what they quote.

Tom Mills K6LHE

284. Re: PennDOT frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-01-12 22:31:42 UTC
From: kbarger@cellar.org
Message-ID: <JR02Fc2w164w@cellar.org>
Source record: 277838
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Dave Shaffer <DCS4@psuvm.psu.edu> writes:

> All of the answers so far have been in the mid-47 MHZ range.
> The most popular answers are 47.14, 47.30, and 47.38...

Well, Monitor America says that for "State Highway Maintenance", 47.30 and 47.38 are statewide, 47.28 for Eastern districts, and 47.14 for Western districts. I live near Philadelphia, and have the first three of these frequencies in my scanner. They all seem to get used pretty heavily (especially 47.30) when the bad weather comes along and it's time to send the salt trucks out.

--
Kyle Barger
kbarger@cellar.org

285. Re: 900 MHz Cordless Phones - Info Please

Newsgroup: rec.radio.scanner
Date: 1994-01-12 23:39:40 UTC
From: rhorn@rhorn.itg.ti.com
Message-ID: <Jan12.233940.47910@ief.itg.ti.com>
Source record: 277841
Cross-posted to: alt.radio.scanner,rec.radio.scanner,comp.dcom.telecom.tech

In <1994Jan11.234326.22383@news.cs.indiana.edu>, "Erik S. Kolar"
<ekolar@kiwi.ucs.indiana.edu> writes:
>Hi, I've become interested in acquiring one of the new 900 MHz cordless
>phones. I've seen several models, but I'm somewhat confused about channels
>and such. I've seen as few as 10 and as many as 100 channels advertised,
>and also something called spread spectrum, which I assume sweeps the whole
>bandwidth. The spread spectrum phones seem to be the most expensive, i.e.
>$300 or more. Also, some phones seem to be digitally encoded while others
>are still analog (and, I would guess, more prone to interference). If
>anyone could point me to a review, or could provide a review of a particular
>model, I would appreciate it. I've been looking at models from Tropez,
>Sony, Uniden, Escort, Panasonic, and Cobra. The Tropez seems to be very
>attractive because of its $199 or less price. Thanks in advance.

I've got the Uniden 5100 and it appears to be the current favorite with
some in the CEFORUM on CI$. It's pricey but falls into the you get what
you pay for category. I really enjoy mine. I don't get a mile range
out of it because I don't live on a farm. However, the signal quality
while walking around is much better than any other cordless I have.
Haven't seen any reviews but on CI$ someone has posted a summary of all
the current models and their features

Ron

286. Re: Why are CB, AM/FM, and TV blocked?

Newsgroup: rec.radio.scanner
Date: 1994-01-13 00:25:05 UTC
From: ml7923@asparagus.albany.edu
Message-ID: <1994Jan13.002505.1312@sarah.albany.edu>
Source record: 277839

In article <newmanCJHr1L.JxB@netcom.com> newman@netcom.com (Charles E Newman) writes:
>In article <2gifkp$37e@portal.gmu.edu> sjaves@mason1.gmu.edu () writes:
>>I hope this isn't a FAQ but why do scanners have these bands blocked?
>>Is there a mod for the pro 46 to restore them?
>>Thanks.
>
>
> When I was in the Bay Area, I used to get the spanish station, chanel
>14, at 475.762 MHz

Not all of the UHF band gets blocked, 'cuz some places make use of the first few MHz of the 470-806 band for police and other such agencies (I think the range is 470-512). That sub-range seems to be included quite often, at least on the scanners I've seen. Don't know of mods to get the rest of the UHF (i.e. channels 21 to 69).

mike [=

287. PennDOT frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-01-13 01:33:02 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758427153.AA05224@rochgte.fidonet.org>
Source record: 277852

> From: Dave Shaffer <DCS4@psuvm.psu.edu>
> Organization: Penn State University

> All of the answers so far have been in the mid-47 MHZ range.
> The most popular answers are 47.14, 47.30, and 47.38...

> Anybody know for sure? - Dave

Those listings agree with what I have found in other lists. I have the PA state FCC database, but haven't had time to look at it too closely.

The only way to know for certain is to program in those frequencies and see if PENNDOT is using them or not.

==========
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

288. Re: 900 MHz Cordless Phones - Info Please

Newsgroup: rec.radio.scanner
Date: 1994-01-13 02:42:25 UTC
From: snoonan@netcom.com
Message-ID: <snoonanCJJrIq.3zF@netcom.com>
Source record: 277848
Cross-posted to: alt.radio.scanner,rec.radio.scanner,comp.dcom.telecom.tech

Erik S. Kolar (ekolar@kiwi.ucs.indiana.edu) wrote:
: Hi, I've become interested in acquiring one of the new 900 MHz cordless
: phones. I've seen several models, but I'm somewhat confused about channels

Personally I like the Tropez phone. It's digital so most people can listen in
and it's very clean. No-one can tell I'm on it. Also I tried the Escort and
returned it. The company is very good but, the phone wasn't clean enough
for me. Everyone said I sounded muddy on it. But I'm sure it's the most
secure.
--
- -
// Sam Noonan - Amiga Developer - IVS Interactive Video Systems
\X/ EMAIL: snoonan@netcom.com Fido: 1:103/195 AmigaNet: 40:402/11

289. Opinions on BC8500XLT??

Newsgroup: rec.radio.scanner
Date: 1994-01-13 02:43:23 UTC
From: bobw@col.hp.com
Message-ID: <2h2cgb$4nh@hp-col.col.hp.com>
Source record: 277842

I am looking for informed opinions, test results, recommendations, etc.
on the Uniden BC8500XLT. It looks like great freq coverage, lots of
channels and alpha display at a good price.

Thanks,

Bob

Bob Witte / HP PMO (Colo Springs) / bobw@col.hp.com / KB0CY / (719) 590-3230

290. Re: Scanner Forsale: BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-13 04:05:36 UTC
From: drew@mtu.edu
Message-ID: <2h2hag$4hi@mtu.edu>
Source record: 277843
Cross-posted to: misc.forsale,us.forsale.misc,rec.radio.scanner,alt.radio.scanner

Jason Gilchrist (jason@mtu.edu) wrote:
> BearCat 200XLT scanner forsale. Some special featues are:

> - 200 channel memory
> - Detachable/Rechargable battery pack
> - Covers up to ~900 MHz
> - Carrying case
> - 3 year parts/labor extended service warenty from Uniden

> I'll also toss in the celluar mods for it you don't have them and
> Police Call from Radio Shack (1993) for the Michigan/Ohio area.

> The scanner is less than 2 months old and hasn't been used that much.

> Asking $300...

Wow, this is a GREAT scanner! I just bought one for $360 and it
picks up everything! :) I wish I had seen this post first. *sigh*

Drew

291. Discone

Newsgroup: rec.radio.scanner
Date: 1994-01-13 04:07:05 UTC
From: tmnichol@alioth.cc.nps.navy.mil
Message-ID: <CJJvFt.66B@taurus.cs.nps.navy.mil>
Source record: 277845

I want to buy a discone antenna. Which of these three are the best:
ICOM AH-7000, Radio Shack, or the Grove discone? Is there a discone
out there better than one of these three?

292. Service Manuals

Newsgroup: rec.radio.scanner
Date: 1994-01-13 04:31:13 UTC
From: warren@bluesky.com
Message-ID: <2h2iqh$bll@pdx1.world.net>
Source record: 277844
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

I often see technical questions in these groups that could be better answered using the old fashioned RTFM approach. That is, if it's the right manual. ;)

Service manuals are not that hard to get, nor are they usually expensive.

I got a Pro-43 service manual with schematics and details of ALL the diodes (cellular, low band VHF...) for under $10 by calling (800) 442-2425 and giving them my Visa number.

I got my GE SuperRadio `Service Information' from Thompson Consumer Electronics, (502) 491-8110 (Visa/MC). Friendly folks, ask for their catalog.

Sony sold me schematics for my portable shortwave radio, but they wanted me to write and send them a check, not call. I can't find the address just now (it was in New Jersey), but ask your local Sony repairman, maybe they can tell you where they get theirs.

Anybody have other sources?

293. 8ch/sec -> 100ch/sec

Newsgroup: rec.radio.scanner
Date: 1994-01-13 05:08:19 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <1994Jan13.050819.29647@cronkite.ocis.temple.edu>
Source record: 277846

I just thought that I would share a little tase of success in my endeavors in modifying my scanner.

I have a rs pro 2022 which scans at 4 channels per sec on slow speed, and 8 channels per second on high speed, (at least it DID..) anyway, upon purchace of the scanner modification handbook it told me to replace the 2 mhz crystal with one that is MAX 4 mhz. I looked around and the slowest crystal I could find was a 10MHZ crystal. Well, for $3.50 I decided I could either end up with a mach2 scanner or a $200.00 doorstop.

I got home and preformed the mod, simple as pie.. little solder and a little clip and I was done.. Popped the 'ol one out and the new one in and walla.. from 8 channels per second scan to a whopping 100 channels per sec. (well, approximately.) it should actually scan like 80? I dunno.. 2.3 seconds per 100 channels.. MY math might be a little off.

Anyway, just thought I would tell ya since the pro2022 scanners in my area are on sale for 199 or something of the like because they are discontinued (I think)

Next, comes the 3,120 channel modification. It'll be amazing if I can get that one done.. heheh..

294. Re: 8ch/sec -> 100ch/sec

Newsgroup: rec.radio.scanner
Date: 1994-01-13 06:09:57 UTC
From: blake@lonestar.utsa.edu
Message-ID: <1994Jan13.060957.25139@ringer.cs.utsa.edu>
Source record: 277847

In article <1994Jan13.050819.29647@cronkite.ocis.temple.edu>
camter28@astro.ocis.temple.edu (-=FOOBARF=-) writes:
>
> I just thought that I would share a little tase of success in my
>endeavors in modifying my scanner.
>
> I have a rs pro 2022 which scans at 4 channels per sec on slow speed,
>and 8 channels per second on high speed, (at least it DID..) anyway,
>upon purchace of the scanner modification handbook it told me to replace
>the 2 mhz crystal with one that is MAX 4 mhz. I looked around and the

could you please tell me which scanner mod book you bought?

thanks,
--
O	Blake Schreckenbach,	"It's a 106 miles to Chicago, we've got a full	O
O	KC5DRP	tank of gas, half a packet of cigarettes, It's	O
O	University of Texas	dark, and we're wearing sunglasses. Hit it."	O
O| at San Antonio	-- Jake & Elwood Blues	blake@lonestar.utsa.edu |O

295. Re: Reviews for BC200XLT & PRO-43 needed - Info on Crystal Mod Requsted

Newsgroup: rec.radio.scanner
Date: 1994-01-13 06:41:13 UTC
From: roth@news.brandonu.ca
Message-ID: <1994Jan13.004114.6456@news.brandonu.ca>
Source record: 277849

>... I got a crystal from someone via the net that
> doubled the scan rate, it put it at about 30 ch/sec, which is faster
> than any other rate I have seen short of the BC2500XLT.

I have a BC200XLT and am interested in modifications. Could you please email
or post info on the crystal modification you refer to.
Thanks in advance.

Carl. From Sunny Shilo Manitoba.

296. Re: Scanner Forsale: BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-13 08:39:45 UTC
From: elm@netcom.com
Message-ID: <elmCJK829.6ur@netcom.com>
Source record: 277851
Cross-posted to: misc.forsale,us.forsale.misc,rec.radio.scanner,alt.radio.scanner

Andrew Benson (drew@mtu.edu) wrote:
: Jason Gilchrist (jason@mtu.edu) wrote:
: > BearCat 200XLT scanner forsale. Some special featues are:

: > - 200 channel memory
: > - Detachable/Rechargable battery pack
: > - Covers up to ~900 MHz
: > - Carrying case
: > - 3 year parts/labor extended service warenty from Uniden

: > I'll also toss in the celluar mods for it you don't have them and
: > Police Call from Radio Shack (1993) for the Michigan/Ohio area.

: > The scanner is less than 2 months old and hasn't been used that much.

: > Asking $300...

: Wow, this is a GREAT scanner! I just bought one for $360 and it
: picks up everything! :) I wish I had seen this post first. *sigh*

: Drew

Yeh,
It's OK. I got mine a coupla months ago for $209 and I like it fine.
But i'll take $300 for it too.

297. RS Discone antenna question

Newsgroup: rec.radio.scanner
Date: 1994-01-13 13:19:42 UTC
From: ertsu@kaarne.cs.tut.fi
Message-ID: <ERTSU.94Jan13151942@kaarne.cs.tut.fi>
Source record: 277853

Could someone please tell me the order/part number and price of RS Discone antenna. I would like to know also the physical size of the antenna (not assembled and ready to use).

Thanks in advance...

--
Kimmo 'Ertsu' Puranen ! ertsu@cs.tut.fi ! "Run your powerful
Siikinkatu 2 A 5 ! Tampere Univ of Technology ! OSI applications
33710 Tampere, Finland ! Software Systems Lab HB210 ! over TCP/IP"
Phone: 358-(9)31-177907 ! Work: 358-(9)31-3161828 ! - Marshall T. Rose

298. Re: Service Manuals

Newsgroup: rec.radio.scanner
Date: 1994-01-13 14:23:54 UTC
From: ralph@cbnewsj.cb.att.com
Message-ID: <CJKo08.G4J@cbnewsj.cb.att.com>
Source record: 277855
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <2h2iqh$bll@pdx1.world.net> warren@bluesky.com (Warren Leach) writes:

>Sony sold me schematics for my portable shortwave radio, but they
>wanted me to write and send them a check, not call. I can't find the
>address just now (it was in New Jersey), but ask your local Sony
>repairman, maybe they can tell you where they get theirs.

>Anybody have other sources?

Sony has an office in Kansas City that takes Visa and Master Card,
and takes orders over the phone. I've found it easier to deal with
them than the people in Mahwah, New Jersey. Phone number is (800)
488-7669, or if you don't have 800 service to the US, (816)
891-2553. I got a service manual for my PCM-F1 from them and found
them very helpful.
--
Ralph Brandi ralph@mtunp.att.com att!mtunp!ralph

299. Kalmbach's Frequency Book

Newsgroup: rec.radio.scanner
Date: 1994-01-13 14:47:27 UTC
From: pdennis@vnet.IBM.COM
Message-ID: <19940113.065629.627@almaden.ibm.com>
Source record: 277854
Cross-posted to: rec.railroad,rec.radio.scanner,alt.radio.scanner

I purchased Kalmbach's _Compendium of American Railroad Radio Frequencies_
(12th Edition) on Tuesday. The book has complete listings for all roads
using AAR frequencies in the U.S. and Canada, as well as listings for
industrial, tourist, museum and transit system roads. It also lists
frequencies used by roads in foreign countries(Mexico, Australia, Great
Britain, Germany, Ireland, New Zealand, and Sweden).

The book also lists major metropolitain areas in the U.S. and Canada
and the various roads and frequencies in those areas.

The cost was a bit stiff ($16.95 list), but I think it was worth it.

BTW, the book is available in the D.C. area at Union Stations Great
Train Store.

```
************************************************************
*Thanks to the Interstate Highway System, it is now possible*
*to travel across the country from coast to coast without *
*seeing anything. --Charles Kuralt *
* *
*ALL STANDARD DISCLAIMERS APPLY, Next time, *
*PDENNIS@VNET.IBM.COM A.K.A. PHIL DENNIS take the train! *
************************************************************
```

300. Re: Scanner Forsale: BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-13 15:12:00 UTC
From: danclark@nssdca.gsfc.nasa.gov
Message-ID: <13JAN199411125309@nssdca.gsfc.nasa.gov>
Source record: 277856
Cross-posted to: misc.forsale,us.forsale.misc,rec.radio.scanner,alt.radio.scanner

In article <2h2hag$4hi@mtu.edu>, drew@mtu.edu writes...
>Jason Gilchrist (jason@mtu.edu) wrote:
>> BearCat 200XLT scanner forsale. Some special featues are:
>
>> - 200 channel memory
>> - Detachable/Rechargable battery pack
>> - Covers up to ~900 MHz
>> - Carrying case
>> - 3 year parts/labor extended service warenty from Uniden
>
>> I'll also toss in the celluar mods for it you don't have them and
>> Police Call from Radio Shack (1993) for the Michigan/Ohio area.
>
>> The scanner is less than 2 months old and hasn't been used that much.
>
>> Asking $300...
>
>Wow, this is a GREAT scanner! I just bought one for $360 and it
>picks up everything! :) I wish I had seen this post first. *sigh*
>
>Drew

Are you guys kidding?? I purchased the exact same scanner at Walmart
for $250. Kmart has a similar price. You can get these new from mail
order for $200.

If anyone pays you that kind of money, they must not get out much.

Danny

301. Re: 900 MHz Cordless Phones - Info Please

Newsgroup: rec.radio.scanner
Date: 1994-01-13 15:43:15 UTC
From: wai@iai.mv.com
Message-ID: <758475795snx@iai.mv.com>
Source record: 277858

I have a TROPEZ 900DX and I think it's a nice phone. However, their customer service is really slow for repairs. I sent my phone in for service before Thanksgiving. They sent me a new/refurb phone before Xmas. I had to send the replacement phone back last week because of a static problem. Today (1-13) I am still waiting for my phone. The original problem was that I can here my conversations UNENCRYHPTED on 448 Mhz used by ham radio operators.

Good Luck,
Wai

Wai Hom - WB3BHT Imaging Automation, Inc.
wai@iai.mv.com (603) 598-3400
FAX: (603) 598-3422

302. CPR for the repeater?

Newsgroup: rec.radio.scanner
Date: 1994-01-13 16:11:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.3195.5773.0N19105B@canrem.com>
Source record: 277784

> When the police "Kill the repeater" I can't hear one side of the
> conversation. What does the repeater do and is there a way to listen
> to both sides of the conversation when it is disabled?
>
> Thanks for your help!
>
> John Monahan I don't speak for GTE
> GTE Government Systems Corp They don't speak for me

The repeater takes audio from the input frequency (mobile's output) and repeats it on the output frequency (mobile's input). When the repeater is killed, the incoming audio is not repeated. Mobile's and scanners cannot hear what the other mobile's are saying. Since the dispatch usually has a dedicated link to the repeater, they can hear the mobile and respond. Think of it as a 2 frequency duplex system. Turning off the repeater is a way of keeping sensitive information from being rebroadcast. Of course, if you know the input frequency to the repeater, you can listen there for the output from the cars. Since the output from the cars is less than the repeater, you must have a good system to be able to hear them.

Steve
* JABBER v1.1 * Phasers don't kill people...Unless you set them too high.

303. Discone

Newsgroup: rec.radio.scanner
Date: 1994-01-13 16:11:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.3196.5773.0N19105C@canrem.com>
Source record: 277785

> I want to buy a discone antenna. Which of these three are the best:
> ICOM AH-7000, Radio Shack, or the Grove discone? Is there a discone
> out there better than one of these three?

I bought 2 RS discones and was not that happy. I live in a high wind area
and found that the constant flexing of the downward radials caused them
to break at the joints. Can't offer any opinion on the others though.

Steve
* JABBER v1.1 * If at first you don't suceed, you're about normal.

304. Re: Mobile Scanner with A

Newsgroup: rec.radio.scanner
Date: 1994-01-13 16:11:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.3197.5773.0N19105D@canrem.com>
Source record: 277786

If your looking for single band coverage and you've got a few bucks to spare, then Motorola's MCX1000 will do the job. It's also very good in bad intermod locations. There are quite a few drawbacks however. It's single band and not programmable from the front panel. You would have to purchase the interface and software to reprogram it yourself.

Steve
* JABBER v1.1 * If at first you don't succeed, call it Windows NT.

305. Re: Scanner Forsale: BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-13 16:47:32 UTC
From: levine@mc.com
Message-ID: <2h3tv4$m1i@jericho.mc.com>
Source record: 277866
Cross-posted to: misc.forsale,us.forsale.misc,rec.radio.scanner,alt.radio.scanner

```
In article 4hi@mtu.edu, drew@mtu.edu (Andrew Benson) writes:
-->Jason Gilchrist (jason@mtu.edu) wrote:
-->> BearCat 200XLT scanner forsale. Some special featues are:
-->
-->> - 200 channel memory
-->> - Detachable/Rechargable battery pack
-->> - Covers up to ~900 MHz
-->> - Carrying case
-->> - 3 year parts/labor extended service warenty from Uniden
-->
-->> I'll also toss in the celluar mods for it you don't have them and
-->> Police Call from Radio Shack (1993) for the Michigan/Ohio area.
-->
-->> The scanner is less than 2 months old and hasn't been used that much.
-->
-->> Asking $300...
-->
-->Wow, this is a GREAT scanner! I just bought one for $360 and it
-->picks up everything! :) I wish I had seen this post first. *sigh*
-->
-->Drew

You should have seen magzine ads first. I see this scanner monthly in
CQ Magazine for $256 in a large full page ad that includes many models.

---
------------------------------------------------------------
|| // ||\\ //|| //\\ //\\
|| // || \\ // || // //
||// || \\ || // //
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|| \\ || // || \\ // \\ //
|| \\ || // || \\// \\//
------------------------------------------------------------FTAC
Bob Levine KD1GG 7J1AIS VK2GYN formerly KA1JFP
levine@mc.com <--Internet email Phone(508) 256-1300 x247
kd1gg@wa1phy.ma <--Packet Mail FAX(508) 256-3599
------------------------------------------------------------
```

306. Re: Antenna's for listening to 46.8 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-01-13 16:58:07 UTC
From: damelio@bedford.progress.com
Message-ID: <2h3uiv$evt@pscgate.progress.com>
Source record: 277862

Omid Ramin (g5g192@rick.cs.ubc.ca) wrote:

: So which one is better? What should I cut to? 5 feet or 70
: inches?

I posted 70 inches, which was a typo on my part, it should have read 72 inches, which is resonant at 39Mhz (1/4 wave). Anyway, the formula is 234/MHz = length in feet. For 46MHz you need an antenna about 61 inches. My target freq was 39MHz, so I cut to 6 ft. But the 1/4 wave is pretty broad banded, so the state freqs at 42-46MHz still come in very well.

: Thanx for your help. I'd love to hear from someone who's actually
: done this. ttul!

Yup, I actually did this. Of course you realize it may perform quite poorly on other, higher frequencies.

--

-=-
Steve D'Amelio "Chrome wheeled, fuel injected, and steppin' up to the line"
damelio@progress.com -Bruce

66 Olds88 -> 64 Comet -> 73 Duster -> 69 Chevelle -> 76 Omega -> 82 Ford EXP ->
84 T-Bird -> 83 Mustang -> 69 CJ-5 -> 85 Bronco -> 69 Mustang -> 88 Mustang ->
70 Mustang -> 85 Mitsu PU -> 91 Rodeo Wanted: pre 77 Bronco
=-=

307. Archive to Share Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-01-13 17:28:44 UTC
From: rag4@ns1.cc.lehigh.edu
Message-ID: <1994Jan13.172844.45555@ns1.cc.lehigh.edu>
Source record: 277868

Does anyone know of any " archive " where we could share frequencies we scan in our local areas? I'm thinking of something similar to a FAQ that will remain posted and used as a resource for anyone interested in a particular city or geographic location.
--

308. rechargeable batteries

Newsgroup: rec.radio.scanner
Date: 1994-01-13 17:52:16 UTC
From: srbeckle@cbnewse.cb.att.com
Message-ID: <CJKxnD.HFy@cbnewse.cb.att.com>
Source record: 277871
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I thought I'd throw in my 2 cents regarding batteries since I've seen some articles of late here on the net. When I recently bought my Pro-46 from Radio Shaft, they naturally were out of the adaptors for the charging jack, so I decided to buy a Millenium rechargeable battery system. For $30 I got 4 Milennium AA NiCads and a charger that charges all 4 of them up in about an hour. I'm never without batteries as a result, since they last all day -- I charge them up at night. I use the Lo Battery indicator on the scanner to ensure complete discharge before recharging. I thought it was a worthwhile investment given the number of uses for AA batteries around my house.

309. Re: 8ch/sec -> 100ch/sec

Newsgroup: rec.radio.scanner
Date: 1994-01-13 17:52:54 UTC
From: PUTZGER@alf2.ngate.uni-regensburg.de
Message-ID: <PUTZGER.19.758483574@alf2.ngate.uni-regensburg.de>
Source record: 277860

In article <1994Jan13.050819.29647@cronkite.ocis.temple.edu>
camter28@astro.ocis.temple.edu (-=FOOBARF=-) writes:

>I got home and preformed the mod, simple as pie.. little solder and a
>little clip and I was done.. Popped the 'ol one out and the new one in and
>walla.. from 8 channels per second scan to a whopping 100 channels per sec.

Surely, your scanner runs through 100 channels per second now, but does
it still stop when there is a signal? The scanner needs to rest a while on
every channel to detect the presence of a signal. Maybe it stops on strong
signals but i suspect weaker transmissions can't stop it from scanning now.

JUERGEN (PUTZGER@ALF2.NGATE.UNI-REGENSBURG.DE)

310. Re: Scanner Forsale: BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-13 18:06:42 UTC
From: hightech@world.std.com
Message-ID: <CJKyB8.944@world.std.com>
Source record: 277859
Cross-posted to: misc.forsale,us.forsale.misc,rec.radio.scanner,alt.radio.scanner

danclark@nssdca.gsfc.nasa.gov (Resident MacWizard (301) 286-4405) writes:

>In article <2h2hag$4hi@mtu.edu>, drew@mtu.edu writes...
>>Jason Gilchrist (jason@mtu.edu) wrote:
>>> BearCat 200XLT scanner forsale. Some special featues are:
>>
>>> - 200 channel memory
>>> - Detachable/Rechargable battery pack
>>> - Covers up to ~900 MHz
>>> - Carrying case
>>> - 3 year parts/labor extended service warenty from Uniden
>>
>>> I'll also toss in the celluar mods for it you don't have them and
>>> Police Call from Radio Shack (1993) for the Michigan/Ohio area.
>>
>>> The scanner is less than 2 months old and hasn't been used that much.
>>
>>> Asking $300...
>>
>>Wow, this is a GREAT scanner! I just bought one for $360 and it
>>picks up everything! :) I wish I had seen this post first. *sigh*
>>
>>Drew

>Are you guys kidding?? I purchased the exact same scanner at Walmart
>for $250. Kmart has a similar price. You can get these new from mail
>order for $200.

>If anyone pays you that kind of money, they must not get out much.

>Danny

The latest DAK catalogue (just got it yesterday) has the BC200 XLT for $199.

Ron

--

| High Tech Opportunities, Inc |
| Voice 603-893-9486 |
| FAX 603-893-9492 |

311. Frequency request.

Newsgroup: rec.radio.scanner
Date: 1994-01-13 18:16:56 UTC
From: xxss525@chpc.utexas.edu
Message-ID: <1994Jan13.181656.27576@chpc.utexas.edu>
Source record: 277857

Help,

I cannot get my hands on a frequency book for my area. Does anybody have the frequencies that the Austin, Texas Fire Department uses. Also the Austin Police department and Texas DPS. I have two frequencies that the Travis county sherrifs dept uses (155.085 and 153.935) but I think they may use more than that (any help there is appreciated as well). Thanks!

--Stephen

--
==========
--Stephen Hall ma_bellnet: (512)471-2459
University of Texas Systems internet: xxss525@hermes.chpc.utexas.edu
Center for High Performance Computing bitnet: XXSS525@UTHERMES
> > > > > > > > > > > > > > Visualize Whirled Peas! < < < < < < < < < < < < < <

312. Air freqs

Newsgroup: rec.radio.scanner
Date: 1994-01-13 18:33:41 UTC
From: cs922150@ariel.cs.yorku.ca
Message-ID: <CJKzK5.31t@ariel.cs.yorku.ca>
Source record: 277776

Hi
i am interestd in listening to the ar freqs around Toronto. So can someone please give me a complete list of the frequencies for the Toronto Pearson International airport ATC and tower frequencies. Thanks in advance, and mail me at

cs922150@ariel.cs.yorku.ca

or just post the freqs.

Another question, is it possible to recieve the air phones that company jets use and if so the what are their frequencies.
thanks

Choy (york university , toronto)

313. Re: Service Manuals

Newsgroup: rec.radio.scanner
Date: 1994-01-13 18:51:25 UTC
From: barrak@rintintin.Colorado.EDU
Message-ID: <CJL0Dq.1Ay@cnsnews.Colorado.EDU>
Source record: 277873
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <2h2iqh$bll@pdx1.world.net>,
Warren Leach <warren@bluesky.com> wrote:
> >
> >Sony sold me schematics for my portable shortwave radio, but they
> >wanted me to write and send them a check, not call. I can't find the
> >address just now (it was in New Jersey), but ask your local Sony
> >repairman, maybe they can tell you where they get theirs.
> >
> >Anybody have other sources?

Strange! Two months ago I called Sony and ordered the '2010's service
manual and they did charge my credit card. Phone number was
(816) 891-7550.

---barrak

314. Re: Scanner Forsale: BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-13 19:11:11 UTC
From: ray@cs.rochester.edu
Message-ID: <1994Jan13.191111.24664@cs.rochester.edu>
Source record: 277861
Cross-posted to: misc.forsale,us.forsale.misc,rec.radio.scanner,alt.radio.scanner

In article <2h2hag$4hi@mtu.edu> drew@mtu.edu writes:
>Jason Gilchrist (jason@mtu.edu) wrote:
>> BearCat 200XLT scanner forsale. Some special featues are:
>
>> - 200 channel memory
>> - Detachable/Rechargable battery pack
>> - Covers up to ~900 MHz
>> - Carrying case
>> - 3 year parts/labor extended service warenty from Uniden
>
>> I'll also toss in the celluar mods for it you don't have them and
>> Police Call from Radio Shack (1993) for the Michigan/Ohio area.
>
>> The scanner is less than 2 months old and hasn't been used that much.
>
>> Asking $300...
>
>Wow, this is a GREAT scanner! I just bought one for $360 and it
>picks up everything! :) I wish I had seen this post first. *sigh*
>
>Drew

Hmmmmm, you two wouldn't happen to know each other now would you? Anyway....
I haven't seen the 200XLT sell for more than 250 dollars in quite a
long time. If you paid 360 bucks for it you got ripped. Take it
back and get it cheaper somewhere else.

ray

315. Arlington VA Police

Newsgroup: rec.radio.scanner
Date: 1994-01-13 19:23:45 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Jan13.192345.15695@alw.nih.gov>
Source record: 277775

Does anyone have the frequencies handy for the Arlington VA police? I have some out of the 3rd Ed. Scanner Master guide, but whenever they switch to "channel 1-B(aker)", I lose them.

Thanks,
Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 UUCP: ...!uunet!nih-csl!weisen
Bethesda, MD 20892 Voice: 301/402-4030

316. Re: Scanner Forsale: BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-13 19:25:14 UTC
From: Steven Miale <smiale@cs.indiana.edu>
Message-ID: <1994Jan13.142522.29708@news.cs.indiana.edu>
Source record: 277863
Cross-posted to: alt.radio.scanner,misc.forsale,rec.radio.scanner,us.forsale.misc

In article <CJKyB8.944@world.std.com>,
ron w cooper <hightech@world.std.com> wrote:
>danclark@nssdca.gsfc.nasa.gov (Resident MacWizard (301) 286-4405) writes:
>>In article <2h2hag$4hi@mtu.edu>, drew@mtu.edu writes...
>>>Jason Gilchrist (jason@mtu.edu) wrote:
>>>> BearCat 200XLT scanner forsale. Some special featues are:
>>>> Asking $300...
>>>Wow, this is a GREAT scanner! I just bought one for $360 and it
>>>picks up everything! :) I wish I had seen this post first. *sigh*
>>>
>>>Drew
>>Are you guys kidding?? I purchased the exact same scanner at Walmart
>>for $250. Kmart has a similar price. You can get these new from mail
>>order for $200.
>
>>If anyone pays you that kind of money, they must not get out much.
>
>>Danny
>
>The latest DAK catalogue (just got it yesterday) has the BC200 XLT for $199.

Check out rec.radio.scanner and alt.radio.scanner. I bought a used one
with some mods for $150.

Steve

--
Steven Miale - smiale@cs.indiana.edu | Don't blame me -
Indiana University, Bloomington, IN | I voted Libertarian.

317. Re: Scanner Forsale: BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-13 19:39:15 UTC
From: al@hpfrd0c.frd.hp.com
Message-ID: <2h4813$d38@hpscit.sc.hp.com>
Source record: 277864
Cross-posted to: misc.forsale,rec.radio.scanner,alt.radio.scanner

Andrew Benson (drew@mtu.edu) wrote:
: Jason Gilchrist (jason@mtu.edu) wrote:
: > BearCat 200XLT scanner forsale. Some special featues are:

: > - 200 channel memory
: > - Detachable/Rechargable battery pack
: > - Covers up to ~900 MHz
: > - Carrying case
: > - 3 year parts/labor extended service warenty from Uniden

: > I'll also toss in the celluar mods for it you don't have them and
: > Police Call from Radio Shack (1993) for the Michigan/Ohio area.

: > The scanner is less than 2 months old and hasn't been used that much.

: > Asking $300...

: Wow, this is a GREAT scanner! I just bought one for $360 and it
: picks up everything! :) I wish I had seen this post first. *sigh*

: Drew

Coincedence or not -- drew@mtu.edu replies to jason@mtu.edu raving about a great price on a scanner. I bought mine from Grove for < $220. Damark has refurbished units for somewhere around $160.

--
Andrew Lee
al@hpfrd0c.frd.hp.com

318. Re: Scanner Forsale: BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-13 20:00:47 UTC
From: erik@peewee.chinalake.navy.mil
Message-ID: <CJL3LB.3Kt@avalon.chinalake.navy.mil>
Source record: 277777
Cross-posted to: misc.forsale,us.forsale.misc,rec.radio.scanner,alt.radio.scanner

ron w cooper (hightech@world.std.com) wrote:
: danclark@nssdca.gsfc.nasa.gov (Resident MacWizard (301) 286-4405) writes:

: >In article <2h2hag$4hi@mtu.edu>, drew@mtu.edu writes...
: >>Jason Gilchrist (jason@mtu.edu) wrote:
: >>> BearCat 200XLT scanner forsale. Some special featues are:
: >>
: >>> - 200 channel memory
: >>> - Detachable/Rechargable battery pack
: >>> - Covers up to ~900 MHz
: >>> - Carrying case
: >>> - 3 year parts/labor extended service warenty from Uniden
: >>
: >>> I'll also toss in the celluar mods for it you don't have them and
: >>> Police Call from Radio Shack (1993) for the Michigan/Ohio area.
: >>
: >>> The scanner is less than 2 months old and hasn't been used that much.
: >>
: >>> Asking $300...
: >>
: >>Wow, this is a GREAT scanner! I just bought one for $360 and it
: >>picks up everything! :) I wish I had seen this post first. *sigh*
: >>
: >>Drew

: >Are you guys kidding?? I purchased the exact same scanner at Walmart
: >for $250. Kmart has a similar price. You can get these new from mail
: >order for $200.

: >If anyone pays you that kind of money, they must not get out much.

: >Danny

: The latest DAK catalogue (just got it yesterday) has the BC200 XLT for $199.

I believe the latest DAMARK catalog (got it last week) has factory
serviced BC200XLT for $159.95. My first scanner was a BC100XLT
factory serviced from DAMARK and it worked fine. I traded it for a 2m
HT to a friend who still listens to it every day. At that time I
upgraded to a BC200XLT I bought used for $210. Just a week ago I sold
the BC200XLT for $150 and bought a PRO-2006. I highly recommend the
BC200XLT and the PRO-2006.

--
Erik van Bronkhorst KC6UUT DoD#4342585443 AMA#438054 BARF#002

319. Re: Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-01-13 20:03:27 UTC
From: ppp+@pitt.edu
Message-ID: <11842@blue.cis.pitt.edu>
Source record: 277867
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

I am interested in purchasing a used Sony 2010

PLEASE WRITE TO ME AT PPP@CIS.PITT.EDU

THANKS

320. PRO41, any hope?

Newsgroup: rec.radio.scanner
Date: 1994-01-13 20:05:53 UTC
From: rjohnson@netcom.com
Message-ID: <rjohnsonCJL3tu.FH7@netcom.com>
Source record: 277874

I've got a PRO41 scanner. Is there any hope of getting mods for this? Or should I look for a new one?

Russ

--
~~~~~~
IBM. UBM. WE ALL BM FOR IBM. rjohnson@netcom.com
~~~~~~

321. AOR 900 MODS?

Newsgroup: rec.radio.scanner
Date: 1994-01-13 20:28:10 UTC
From: nnyx@wam.umd.edu
Message-ID: <2h4asq$mma@cville-srv.wam.umd.edu>
Source record: 277865

As I posted before, does anyone know of any modifications that I can perform on an aging AOR900 scanner? This scanner was manufactured in 1986, and I would like any mods available - more freq's, etc. Thanks :}

Rich N3NYX

322. Re: 900 MHz Cordless Phones - Info Please

Newsgroup: rec.radio.scanner
Date: 1994-01-13 20:28:19 UTC
From: aj@sage.cc.purdue.edu
Message-ID: <aj.758492899@sage.cc.purdue.edu>
Source record: 277870
Cross-posted to: alt.radio.scanner,rec.radio.scanner,comp.dcom.telecom.tech

Anyone know the mudulation specifics of these phones? Obviously, SS, but what about frequency hopping, direct sequence, and if FH, dwell times? I have a project which might be adversely affected by abuses of the 900MHz band.

: John Dormer
: aj@sage.cc.purdue.edu

323. Re: 8ch/sec -> 100ch/sec

Newsgroup: rec.radio.scanner
Date: 1994-01-13 21:13:47 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Jan13.211347.10556@rsg1.er.usgs.gov>
Source record: 277778

In article <PUTZGER.19.758483574@alf2.ngate.uni-regensburg.de>,
PUTZGER@alf2.ngate.uni-regensburg.de (JUERGEN PUTZGER (TEL. 4218)) writes:
|> In article <1994Jan13.050819.29647@cronkite.ocis.temple.edu>
|> camter28@astro.ocis.temple.edu (-=FOOBARF=-) writes:
|>
|> >I got home and preformed the mod, simple as pie.. little solder and a
|> >little clip and I was done.. Popped the 'ol one out and the new one in and
|> >walla.. from 8 channels per second scan to a whopping 100 channels per sec.
|>
|>
|> Surely, your scanner runs through 100 channels per second now, but does
|> it still stop when there is a signal? The scanner needs to rest a while on
|> every channel to detect the presence of a signal. Maybe it stops on strong
|> signals but i suspect weaker transmissions can't stop it from scanning now.

I don't know about that, but his math is a bit off. If you get 8 ch/sec
with a 2 Mhz crystal, you should only get 40 ch/sec with a 10 Mhz crystal...

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

324. Re: Discone

Newsgroup: rec.radio.scanner
Date: 1994-01-13 21:18:21 UTC
From: jdow@BIX.com
Message-ID: <jdow.758495901@BIX.com>
Source record: 277794

tmnichol@alioth.cc.nps.navy.mil (Troy M. Nichols) writes:

>I want to buy a discone antenna. Which of these three are the best:
>ICOM AH-7000, Radio Shack, or the Grove discone? Is there a discone
>out there better than one of these three?

Um, the construction of the Radio Shark discone unimpressed me greatly. The ICOM discone construction is worlds above it. Dunno re the Grove. I have an ICOM discone and am not displeased. It is not a "great" antenna. But it does its job about the way I'd expect.

<^_^> Joanne Dow, Amiga Exchange Editor, BIX
jdow@bix.com

325. SCANNER MODIFICATIONS

Newsgroup: rec.radio.scanner
Date: 1994-01-13 21:28:21 UTC
From: nnyx@w3eax.umd.edu
Message-ID: <2h4edl$irf@hecate.umd.edu>
Source record: 277869

Does anyone have any modifications that can be performed on a 1986 AOR900 scanner, such as extended recieve, etc (anything??). I love my scanner, but I feel that it needs more frequencies. Thanks :}

Rich N3NYX

326. Re: CPR for the repeater?

Newsgroup: rec.radio.scanner
Date: 1994-01-13 23:49:07 UTC
From: c002@ns1.cc.lehigh.edu
Message-ID: <1994Jan13.234907.55878@ns1.cc.lehigh.edu>
Source record: 277780

>This question is posted on behalf of a friend w/o net access. I
>couldn't find a FAQ so if it is covered there please point me in the
>right drection.
>
>When the police "Kill the repeater" I can't hear one side of the
>conversation. What does the repeater do and is there a way to listen
>to both sides of the conversation when it is disabled?
>
yes u can...the repeater is problebly a Duplex one...in other words
try listening 600KHz above or below the REP. freq...and u should get the
otherside of the conversation!

but listen to others...just incase the police rep's are different that ham!

DAvid
--
:)**********************************(:
:)**********************************(:
** **
** The Flying Ham **
** **
** Cole's Law: **
** Thinly sliced Cabbage **

327. Where to get scanner antennas

Newsgroup: rec.radio.scanner
Date: 1994-01-14 00:05:04 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758521734.AA05375@rochgte.fidonet.org>
Source record: 277796

> From: achern@wam.umd.edu (Alex Chernyakov)
> Organization: University of Maryland, College Park

> (power removed from the adapter), might this be harming my scanner
> in the long run? The car is an 88 Camry, not that it really matters.

Yes, it is possible. You should start up the car with the scanner turned off. Then the voltage spikes that may be generated when the car starts have less opportunity to invade your scanner.

> temperatures be harmful to the scanner (especially during more extended
> periods, such as overnight). Recently I have taking the scanner
> inside with me whenever I don't park in the garage.

Yes, but theft may be a bigger risk if your scanner is easily removable. Take it inside with you (or lock it in the trunk) regardless of the temperature.

> were to buy RS's (Antenna Specialist's discone?) scanner antenna and
> mount it in the middle of my car's roof, would my general reception
> quality improve? (I scan everything - 46, 154, 494, 860 Mhz ranges;
> that's why I ask about general reception.)

I assume you really meant to ask about a mobile scanner whip and not a discone. In general, the best place for a mobile antenna is the center of the car's roof.

> Fourth: My car's electronics cause some (obviously) noticeable
> interference. Would opening the scanner up and treating the case with
> a shielding spray improve this situation to the point where the

Probably not. The interference may be entering the scanner via the power cable and/or the antenna itself. A better solution would be to fix the car so it generates less radio noise. (Resistor spark plugs, grounding all doors to the chassis, capacitive filtering on the alternator, etc.)

> (can't think of proper term for it) using the included belt-clip.

The sun visor? :-)

> This
> forces me to dangerously look up at the scanner display if I need to
> do so.

There is some risk in looking away from the windshield at your scanner no matter where it is mounted. I think the sun visor position is pretty hazardous anyway if you should get into an accident. A scanner can make a pretty good dent in your cranium.

==========
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

328. Re: 8ch/sec -> 100ch/sec

Newsgroup: rec.radio.scanner
Date: 1994-01-14 00:35:56 UTC
From: bmiller@landesk.intel.com
Message-ID: <2h4pdc$4oe@ornews.intel.com>
Source record: 277779

Scan speed is not the only thing to consider. When I put a 12MHz xtal in my Pro-2005, Bill Cheek told me that he didn't think it would run reliably, and to get a 10Mhz xtal. The issue here is that the microprocessor may not be able to operate at the speed you mention. It may LOOK like your scanning that fast, but is it hitting every channel, and more importantly, is there enough time to lock on to a signal so that it gets recognized.

I'm not saying what you did, can't work, but I would advise caution when trying this. The proof is in the pudding...How does your new 100ch/sec scanner work now?

I would think that if a jump from 8 to 100 ch/sec were possible, that the manufacturer would build it to scan faster than 8 ch/sec.

Let us know how it works at such a fast scan rate. I'm sure many people would be interested in doing this mod.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

329. Re: SCANNER MODIFICATIONS

Newsgroup: rec.radio.scanner
Date: 1994-01-14 00:47:33 UTC
From: bmiller@landesk.intel.com
Message-ID: <2h4q35$599@ornews.intel.com>
Source record: 277781

In article <2h4edl$irf@hecate.umd.edu> nnyx@w3eax.umd.edu (MOR BYTES PLEASE) writes:
>Does anyone have any modifications that can be performed on a 1986 AOR900
>scanner, such as extended recieve, etc (anything??). I love my scanner,
>but I feel that it needs more frequencies. Thanks :}
>
>Rich N3NYX
>

I like to keep mod files when I run accross them and I have never
seen a freq. expansion mod for the AR900. AOR scanners are not
modified that much because 1) There are not that many out there
(relative to other brands), and 2) scarce or non-existant service
manuals.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

330. Re: CPR for the repeater?

Newsgroup: rec.radio.scanner
Date: 1994-01-14 01:21:20 UTC
From: myers@cypress.West.Sun.COM
Message-ID: <2h4s2gINNcco@abyss.West.Sun.COM>
Source record: 277782

In article 55878@ns1.cc.lehigh.edu, c002@ns1.cc.lehigh.edu (DAVID M. ROSEMAN) writes:
>>This question is posted on behalf of a friend w/o net access. I
>>couldn't find a FAQ so if it is covered there please point me in the
>>right drection.
>>
>>When the police "Kill the repeater" I can't hear one side of the
>>conversation. What does the repeater do and is there a way to listen
>>to both sides of the conversation when it is disabled?
>>
>yes u can...the repeater is problebly a Duplex one...in other words
>try listening 600KHz above or below the REP. freq...and u should get the
>otherside of the conversation!
>
>but listen to others...just incase the police rep's are different that ham!

Or, better yet, get the FCC records for the agency in question (like
via Grove or somesuch) and see which frequencies the agency is licensed
for. They may be borrowing frequencies from another local agency...

---
* Dana H. Myers KK6JQ, DoD 466 | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* This Extra supports the abolition of the 13 and 20 WPM tests *

331. Re: 8ch/sec -> 100ch/sec

Newsgroup: rec.radio.scanner
Date: 1994-01-14 02:51:01 UTC
From: heglowstein@BIX.com
Message-ID: <heglowstein.758515861@BIX.com>
Source record: 277783

bmiller@landesk.intel.com (Brett Miller - Support Engineer) writes:

>Scan speed is not the only thing to consider. When I put a 12MHz xtal
>in my Pro-2005, Bill Cheek told me that he didn't think it would run
>reliably, and to get a 10Mhz xtal. The issue here is that the
>microprocessor may not be able to operate at the speed you mention.
>It may LOOK like your scanning that fast, but is it hitting every
>channel, and more importantly, is there enough time to lock on to
>a signal so that it gets recognized.

>I'm not saying what you did, can't work, but I would advise caution
>when trying this. The proof is in the pudding...How does your new
>100ch/sec scanner work now?

>I would think that if a jump from 8 to 100 ch/sec were possible, that
>the manufacturer would build it to scan faster than 8 ch/sec.

>Let us know how it works at such a fast scan rate. I'm sure many
>people would be interested in doing this mod.

>--
>Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
>Intel Corp. Internet: bmiller@landesk.intel.com
>American Fork, UT IP: 128.215.210.58

I have the same scanner and made the crysatl mod some
time ago. With an 8MHz crystal, the performance was a bit
intermittent. It failed to stop on some signals my R1 stopped
on, and on one occasion the keyboard froze for a second or two.

Dropping the crystal down to 7.4xxx something did the tick, and I
now get about 45 chan/sec reliably, and with good signal detection.
Coincidentally, I ended up with the same crystal freq that Bill
Cheek recommended as the maximum in his book. The dude
definitely knows what he's talking about. :-)

332. Re: Mobile Scanner with A

Newsgroup: rec.radio.scanner
Date: 1994-01-14 03:56:48 UTC
From: myers@sunspot.West.Sun.COM
Message-ID: <2h5560INNcgb@abyss.West.Sun.COM>
Source record: 277788

In article <60.3197.5773.0N19105D@canrem.com> steve.jones@canrem.com (Steve Jones) writes:
>
>If your looking for single band coverage and you've got a few bucks to
>spare, then Motorola's MCX1000 will do the job. It's also very good in
>bad intermod locations. There are quite a few drawbacks however. It's
>single band and not programmable from the front panel. You would have to
>purchase the interface and software to reprogram it yourself.

Well, the MCX1000 is available with a dual-widespace front end, which
gives you two 6MHz band segments, but it isn't going to cover all of
146-174Mhz all at once...

Just be careful not to transmit on any frequencies you shouldn't. I believe
you'll need to enter 'Blank' for the transmit frequency field.

I use an MCX100 in the car for amateur radio. Though the receiver is as
hot as any modern Japanese radio, the front end is very resistant to intermod;
I've got the dual-widespace front end and it does work great. The MCX1000
is essentially the same radio with upgraded control electronics.

--
* Dana H. Myers KK6JQ, DoD 466 | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* This Extra supports the abolition of the 13 and 20 WPM tests *

333. Re: What batteries for the PRO-43?

Newsgroup: rec.radio.scanner
Date: 1994-01-14 04:14:49 UTC
From: rchalk@nyx10.cs.du.edu
Message-ID: <1994Jan14.041449.23414@mnemosyne.cs.du.edu>
Source record: 277789

cab@col.hp.com (Chris Best) writes:

>Opinions, please, from PRO-43 owners:

>While I'm waiting to receive my new PRO-43 from Marymac (got it for $275,
>as a data point), I'm trying to figure out what NiCd batteries to buy for
>it. I'll be getting them at Radio Shack (unless there are better ideas),
>but they offer a few types.

>The standard purple one (23-125) is 650 mAh, and the Hi-Capacity version
>(23-149) is 850 mAh. If it only mattered that they'd last longer, I might
>get the Hi-C ones. But I know NiCds like to be charged at a certain percent
>of their capacities, so depending on what current the 43's AC adapter
>charges them with, the cheaper ones may actually be better in this case.
>Anyone have ideas here?

>Also, the Hi-Capacity batteries are listed at $5.99 *each*, but a RSdroid
>told me that that was the twofer price. I'd like to believe him (I don't
>wanna spend $36 just for batteries, but I could live with $18), but last
>year's price was $5.95 each. Does anyone know for sure? Misprints two
>years in a row?

Sam's warehouse in Atlanta has Panasonic nicads on cards of, I think, 6
cells for about $8.00 a card. These are probably only 450 mah, but at
that price you can buy 2-3 sets with holders, and just change them out.

Richard

334. Re: RS voice activated recorder

Newsgroup: rec.radio.scanner
Date: 1994-01-14 04:59:57 UTC
From: djc@terapin.com
Message-ID: <djc.277r@terapin.com>
Source record: 277787
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

I don't own one of these voice activated recorders at this time but have owned one in the past. I found them useful for tracking scanner spectrum that is dead but where I wanted to see if a signal existed. I used a patch cord and just tested for the proper level at the beginning of my recording, made sure the squelch was set properly so it wouldn't open without a proper signal and went off to bed or whatever. As I recall it worked quite well. This was a few years ago and back then they had a sensitivity voice switch. I made sure to keep it on minimal sensitivity so the scanner had to activate it by pushing it a bit.

djc@terapin.com Out!

335. Mods for RS PRO 2020?

Newsgroup: rec.radio.scanner
Date: 1994-01-14 05:42:07 UTC
From: roth@news.brandonu.ca
Message-ID: <1994Jan13.234208.6476@news.brandonu.ca>
Source record: 277795

I was given a old RS PRO-2020 scanner. I use it to listen to certain fixed freqs in my study while i use my Sony ICF PRO-80 and Bearcat 200XLT for other freqs. Does anyone have any information on any possible mods for the 2020?

Thanks in advance.

Carl - from Sunny Shilo Manitoba.

336. Re: Air freqs (air phones)

Newsgroup: rec.radio.scanner
Date: 1994-01-14 05:47:25 UTC
From: hannan@novax.llnl.gov
Message-ID: <1994Jan13.214725.1@novax.llnl.gov>
Source record: 277792

> Another question, is it possible to recieve the air phones that company jets
> use and if so the what are their frequencies.
> thanks

Yes, they are in the civil aircraft band and are FM instead of AM. Sorry,
I don't have particular freqs.

Hannan

337. Re: What batteries for the PRO-43?

Newsgroup: rec.radio.scanner
Date: 1994-01-14 08:33:56 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Jan14.033356.1@uoft02.utoledo.edu>
Source record: 277790

In article <1994Jan14.041449.23414@mnemosyne.cs.du.edu>, rchalk@nyx10.cs.du.edu (richard chalk) writes:
> cab@col.hp.com (Chris Best) writes:
>
>
>>Opinions, please, from PRO-43 owners:
>
>>While I'm waiting to receive my new PRO-43 from Marymac (got it for $275,
>>as a data point), I'm trying to figure out what NiCd batteries to buy for
>>it. I'll be getting them at Radio Shack (unless there are better ideas),
>>but they offer a few types.
>
>>The standard purple one (23-125) is 650 mAh, and the Hi-Capacity version
>>(23-149) is 850 mAh. If it only mattered that they'd last longer, I might
>>get the Hi-C ones. But I know NiCds like to be charged at a certain percent
>>of their capacities, so depending on what current the 43's AC adapter
>>charges them with, the cheaper ones may actually be better in this case.
>>Anyone have ideas here?
>
>>Also, the Hi-Capacity batteries are listed at $5.99 *each*, but a RSdroid
>>told me that that was the twofer price. I'd like to believe him (I don't
>>wanna spend $36 just for batteries, but I could live with $18), but last
>>year's price was $5.95 each. Does anyone know for sure? Misprints two
>>years in a row?
>
> Sam's warehouse in Atlanta has Panasonic nicads on cards of, I think, 6
> cells for about $8.00 a card. These are probably only 450 mah, but at
> that price you can buy 2-3 sets with holders, and just change them out.
>
> Richard
> Also at Sam's club is the matching panasonic charger for the above batteries for 13.00 + tax.It will charge 8 at once.I use this setup along with alkalines if it's noisy where I'm listening because I seem to get SLIGHTLY better audio on 9 volts.
Barry .using Brad's acct.

338. Re: Discone

Newsgroup: rec.radio.scanner
Date: 1994-01-14 08:46:15 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Jan14.034615.1@uoft02.utoledo.edu>
Source record: 277793

In article <60.3196.5773.0N19105C@canrem.com>, steve.jones@canrem.com (Steve Jones) writes:
> > I want to buy a discone antenna. Which of these three are the best:
> > ICOM AH-7000, Radio Shack, or the Grove discone? Is there a discone
> > out there better than one of these three?
>
> I bought 2 RS discones and was not that happy. I live in a high wind area
> and found that the constant flexing of the downward radials caused them
> to break at the joints. Can't offer any opinion on the others though.
>
> Steve
> * JABBER v1.1 * If at first you don't suceed, you're about normal.
In my opinion,the best discone is no discone!Seriously,I have the Icom one and it is made very well but it doesn't compare to any other type of omni antenna I've compared to it.It does have one advantage that makes me keep it up there....It has a flat SWR on just about any freq above 50mhz that I can transmit on,so it makes a great backup antenna.The best all around omni scanner antenna is the one that grove sells as the monitenna and channel master sells as the 5490(?)a.In every way,it will beat the discone hands down.the only drawback is it's kind of flimsy.
Barry F.using brad's acct.

339. Re: Air freqs (air phones)

Newsgroup: rec.radio.scanner
Date: 1994-01-14 15:15:58 UTC
From: bmiller@landesk.intel.com
Message-ID: <2h6cve$8f6@ornews.intel.com>
Source record: 277797

In article <1994Jan13.214725.1@novax.llnl.gov> hannan@novax.llnl.gov writes:
>> Another question, is it possible to recieve the air phones that company jets
>> use and if so the what are their frequencies.
>> thanks
>
>Yes, they are in the civil aircraft band and are FM instead of AM. Sorry,
>I don't have particular freqs.
>
>Hannan

Also, the GTE airphones in commercial airliners are in the 900Mhz. I
think the freqs are in Monitor America

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

340. BC855XLT for sale

Newsgroup: rec.radio.scanner
Date: 1994-01-14 15:29:32 UTC
From: gah@ccd.harris.com
Message-ID: <1994Jan14.152932.5723@ccd.harris.com>
Source record: 277813
Cross-posted to: alt.radio.scanner,rec.radio.scanner

For Sale

BC855XLT scanner with cellular modification
and 100 channel modification.

Perfect condition, original box, manual etc...

$150 + shipping.

341. Re: dutch pro-46 scanner request for freqs

Newsgroup: rec.radio.scanner
Date: 1994-01-14 15:57:29 UTC
From: martin@duttncb.tn.tudelft.nl
Message-ID: <1994Jan14.155729.19005@duttncb.tn.tudelft.nl>
Source record: 277798

According to the usual information sources the frequency
for the Eindhoven fire brigade is 168.09. (=ch 8)

I can hardly believe that you don't have this data?!

groetjes.

342. Re: 8ch/sec -> 100ch/sec

Newsgroup: rec.radio.scanner
Date: 1994-01-14 16:04:38 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <1994Jan14.160438.27368@cronkite.ocis.temple.edu>
Source record: 277799

heglowstein on BIX (heglowstein@BIX.com) wrote:
: bmiller@landesk.intel.com (Brett Miller - Support Engineer) writes:

: >I would think that if a jump from 8 to 100 ch/sec were possible, that
: >the manufacturer would build it to scan faster than 8 ch/sec.

-->> one comment on that,, "RADIO SHACK???"

anyway..

: >Let us know how it works at such a fast scan rate. I'm sure many
: >people would be interested in doing this mod.

Yes, I have noticed that it isn't stopping on some frequencies that
are active. However that only appears to happen during a limit or direct
search. I am going to go down to the Max reccomended of 7.whatever that
bill mentions because when I press manual it will jump like 4 or 5
frequencies, as if I had held the manual key down too long. Programming
is a pain in the but too, because you have to be really really quick with
the thing.
Actually, I just realized upon looking at the book that the max reccomended
is 4 something, not 7, But I got 10 to work, anyone think a flip flop will
work? I could always use that since rs seems to not stock any crystals
over on this side of the ship anymore.

I have to do some more testing before I come to an utmost conclusion.
I'll keep ya posted on what happens, or for that matter what dosent'

343. vhf weather radio

Newsgroup: rec.radio.scanner
Date: 1994-01-14 17:12:52 UTC
From: rshapiro@bbn.com
Message-ID: <RSHAPIRO.94Jan14171252@kariba.bbn.com>
Source record: 277804
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

I'd like to get one of those little "weather radios" that's pretuned to the vhf NOAA frequency. Who sells these? How much are they? If Radio Shack carries them - is their brand decent? Are there any particular features to look for on radios like this or are all models pretty much the same?

Thanks -

rs/rshapiro@bbn.com

344. Re: Marine frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-14 18:13:37 UTC
From: billp@voyager.chm.clarkson.edu
Message-ID: <1994Jan14.181337.16357@news.clarkson.edu>
Source record: 277800
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Someone asked, recently, about the marine freqs. I just came across a
very comprehensive list, posted to "rec.boats." I'll repost it here
for benefit of all those interested. Hearty thanks to Peter Smith.

-billp

From article <1994Jan12.154446.20049@webo.dg.com>, by psmith@dg-webo.webo.dg.com (Peter
Smith):
>
> Originally, channels 01-28 were allocated from 156.050MHz in 50KHz steps
> with their duplex mates starting at 160.650MHz. Later, it was decided
> that 25KHz spacing was feasible, so channels 60-88 were interwoven
> between the original channels, except that channels 75 & 76 were omitted
> to preserve 50KHz spacing around channel 16, which is reserved for
> distress calls, hailing, and fishing stories. The weather channels are
> allocated somewhat haphazardly above the duplex band. Moreover, WX05
> uses the same freq as 21b and WX06 collides with 83b. There's a gap
> between 160.950 and 161.500, where the duplex mates for 08-17 & 67-77
> should be. Presumably this was allocated to another service. No one
> seems to know what happened to channels 29-59: maybe they were once
> being saved for use should the service be expanded into another band,
> and perhaps still are.
>
> Anyway, here's the poop...
>
> Marine VHF channels and frequencies (in MHz). Columns U, C, & I show
> the channel usage for USA, Canada, & International band-plans
> S = Simplex: Ship & Shore transmitters use same freq.
> D = Duplex: Ship & Shore use different freq.
> - = Not Used
> (Info from Horizon handbook)
>
> Ch Ship-TX SHIP-RX U C I Ch Ship-TX SHIP-RX U C I
>
> 01 156.050 160.650 S D D 65 156.275 160.875 S S D
> 02 156.100 160.700 - D D 66 156.325 160.925 S S D
> 03 156.150 160.750 - D D 67 156.375 S S S
> 04 156.200 160.800 S D D 68 156.425 S S S
> 05 156.250 160.850 S S D 69 156.475 S S S
> 06 156.300 S S S 70 156.525 S S S
> 07 156.350 160.950 S S D 71 156.575 S S S
> 08 156.400 S S S 72 156.625 S S S
> 09 156.450 S S S 73 156.675 S S S
> 10 156.500 S S S 74 156.725 S S S

> 11 156.550 S S S 77 156.875 S S S
> 12 156.600 S S S 78 156.925 161.525 S S D
> 13 156.650 S S S 79 156.975 161.575 S S D
> 14 156.700 S S S 80 157.025 161.625 S S D
> 15 156.750 S S S 81 157.075 161.675 S S D
> 16 156.800 S S S 82 157.125 161.725 S S D
> 17 156.850 S S S 83 157.175 161.775 S S D
> 18 156.900 161.500 S S D 84 157.225 161.825 S S S
> 19 156.950 161.550 S S D 85 157.275 161.875 D D D
> 20 157.000 161.600 D D D 86 157.325 161.925 D D D
> 21 157.050 161.650 S S D 87 157.375 161.975 D D D
> 22 157.100 161.700 S S D 88 157.425 162.025 S D D
> 23 157.150 161.750 S D D
> 24 157.200 161.800 D D D WX01 162.550
> 25 157.250 161.850 D D D WX02 162.440
> 26 157.300 161.900 D D D WX03 162.175
> 27 157.350 161.950 D D D WX04 163.275
> 28 157.400 162.000 D D D WX05 161.650
> 60 156.025 156.625 - D D WX06 161.775
> 61 156.075 160.675 - S D WX07 162.425
> 62 156.125 160.725 - S D WX08 162.450
> 63 156.175 160.775 S - D WX09 162.500
> 64 156.225 160.825 D D D WX10 162.525
>
>
> By freqency. a-channels are Ship-TX, b-channels are Ship-RX
>
> 156.025 60a 156.925 78a 160.950 07b
> 156.050 01a 156.950 19a ....
> 156.075 61a 156.975 79a 161.500 18b
> 156.100 02a 157.000 20a 161.525 78b
> 156.125 62a 157.025 80a 161.550 19b
> 156.150 03a 157.050 21a 161.575 79b
> 156.175 63a 157.075 81a 161.600 20b
> 156.200 04a 157.100 22a 161.625 80b
> 156.225 64a 157.125 82a 161.650 21b
> 156.250 05a 157.150 23a 161.650 WX05
> 156.275 65a 157.175 83a 161.675 81b
> 156.300 06a 157.200 24a 161.700 22b
> 156.325 66a 157.225 84a 161.725 82b
> 156.350 07a 157.250 25a 161.750 23b
> 156.375 67a 157.275 85a 161.775 83b
> 156.400 08a 157.300 26a 161.775 WX06
> 156.425 68a 157.325 86a 161.800 24b
> 156.450 09a 157.350 27a 161.825 84b
> 156.475 69a 157.375 87a 161.850 25b
> 156.500 10a 157.400 28a 161.875 85b
> 156.525 70a 157.425 88a 161.900 26b
> 156.550 11a 160.625 60b 161.925 86b
> 156.575 71a 160.650 01b 161.950 27b

> 156.600 12a 160.675 61b 161.975 87b
> 156.625 72a 160.700 02b 162.000 28b
> 156.650 13a 160.725 62b 162.025 88b
> 156.675 73a 160.750 03b 162.175 WX03
> 156.700 14a 160.775 63b 162.425 WX07
> 156.725 74a 160.800 04b 162.440 WX02
> 156.750 15a 160.825 64b 162.450 WX08
> 156.800 16a 160.850 05b 162.500 WX09
> 156.850 17a 160.875 65b 162.525 WX10
> 156.875 77a 160.900 06b 162.550 WX01
> 156.900 18a 160.925 66b 163.275 WX04
> --
> Peter Smith -- Data General Corp., Westboro, MA
> psmith@dg-webo.webo.dg.com (preferred) or Peter_Smith@dgc.ceo.dg.com
> #include <std_disclaimer.h>

345. MODS wanted for ALL radio

Newsgroup: rec.radio.scanner
Date: 1994-01-14 20:49:37 UTC
From: wy1z@bach.coe.neu.edu
Message-ID: <WY1Z.94Jan14154937@bach.coe.neu.edu>
Source record: 277801
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.shortwave,rec.radio.scanner

I want to compile as complete a library of mods for every shortwave radio, ham radio, and scanner.

Once collected, they will each be placed into their respective locations according to manufacturer in the ham radio FTP area on world.std.com.

Any pointers to FTP, FSP, mailserver, World Wide Web, and Gopher sites, as well as whatever else you can offer would be greatly appreciated!

Thanks much!

Scott

--

```
==========================================================================
| Scott Ehrlich Internet: wy1z@neu.edu BITNET: wy1z@NUHUB |
| Amateur Radio: wy1z AX.25: wy1z@k1ugm.ma.usa.na |
|------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - world.std.com pub/hamradio |
==========================================================================
```

346. Re: Iced Trees and Scanning

Newsgroup: rec.radio.scanner
Date: 1994-01-14 21:33:37 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Jan14.213337.26150@news.csuohio.edu>
Source record: 277802

bmiller@landesk.intel.com (Brett Miller - Support Engineer) writes:
: Yes, ice on the antenna and surrounding area will attenuate signals.
: Water makes surfaces more conductive, and in the case of trees, roofs,
: etc. it makes them look like big grounded areas, and signals will
: not pass through them.
:
Additionally, it is also known, surprising as it may seem, that pine
needles on large evergreens tend to attenuate higher UHF frequency
transmission. Like jillions of little moist grounded antennas.
Wierd stuff.

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^ Catch the WAVE v^v^v^v^v^v
Mike Mayer - Senior Technical Support Engineer
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@pvi.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^

347. Re: Frequency Counters

Newsgroup: rec.radio.scanner
Date: 1994-01-14 21:45:43 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Jan14.214543.26659@news.csuohio.edu>
Source record: 277803

g5g192@rick.cs.ubc.ca (Omid Ramin) writes:
:
: Dumb question, but what is a frequency counter?
:
: From what I've heard, it lets you determine the frequency at which
: something is transmitting, but how? Does it just pop the number
: up, or is there more to it than that? thanx!

You've got it! They really are not radio receivers, they just count
the frequency of a signal. Some fancy ones are actually counters
and radios in one, but big bux.

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^ Catch the WAVE v^v^v^v^v^v
Mike Mayer - Senior Technical Support Engineer
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@pvi.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^

348. Re: PennDOT frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-01-14 23:44:00 UTC
From: PHILSCOTT@delphi.com
Message-ID: <940114.67440.PHILSCOTT@delphi.com>
Source record: 277805

```
Check out the PA Tpke freqs as well such as
159.0
159.075
159.045
and so on..... pscott@wellfleet.com
```

349. Re: Discone

Newsgroup: rec.radio.scanner
Date: 1994-01-14 23:46:21 UTC
From: PHILSCOTT@delphi.com
Message-ID: <940114.67581.PHILSCOTT@delphi.com>
Source record: 277806

Troy M. Nichols <tmnichol@alioth.cc.nps.navy.mil> writes:

>I want to buy a discone antenna. Which of these three are the best:
>ICOM AH-7000, Radio Shack, or the Grove discone? Is there a discone
>out there better than one of these three?

Buy the Discone DJ-130T (same as the Grove...get it fr them they have
great service BTW)...I love mine and use it on 2 M/440 and for
the 33-34 Mhz as well as 453-454, 154-156, etc. into my PRO-2006.
pscott@wellfleet.com N3KDJ

350. WANTED: Mods for ALL radios

Newsgroup: rec.radio.scanner
Date: 1994-01-14 23:52:51 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCJn903.8vC@netcom.com>
Source record: 277812

I want to compile as complete a library of mods for every shortwave radio, ham radio, and scanner.

Once collected, they will each be placed into their respective locations according to manufacturer in the ham radio FTP area on world.std.com.

Any pointers to FTP, FSP, mailserver, World Wide Web, and Gopher sites, as well as whatever else you can offer would be greatly appreciated!

Thanks much!

Scott

--
==
| Scott Ehrlich Internet: wy1z@neu.edu BITNET: wy1z@NUHUB |
Amateur Radio: wy1z AX.25: wy1z@k1ugm.ma.usa.na
Maintainer of the Boston Amateur Radio Club hamradio FTP area on
the World - world.std.com pub/hamradio
==

351. Re: Car Antenna

Newsgroup: rec.radio.scanner
Date: 1994-01-15 00:25:31 UTC
From: jmm5h@Virginia.EDU
Message-ID: <1994Jan15.002531.15870@Virginia.EDU>
Source record: 277807

bodoh@dgg.cr.usgs.gov writes:
> In article <CJ87Iv.CGG@spk.hp.com>, moore@spk.hp.com (Bill Moore) writes:
> |> Has anyone had any experience with the little devices that 'split'
> |> your car antennas coax into two cables, one that goes into the scanner
> |> and the other goes to the radio. Radio Shack sells one for a few dollars,
> |> and so does Grove.
> |> --
> |> +----------------------------------+----------------------------------+
> |> | Bill Moore | email: moore@hpspkla.spk.hp.com |
> |> +----------------------------------+----------------------------------+
>
> I have one and like it. Recently I was curious how it compared to a 'real'
> scanner antenna, so I switched to a magnetic mount full coverage whip
> on the roof of my van. The splitter/car antenna worked much better, so
> that is what I continue to use. I suppose that my brief use did not
> give it a fair evaluation on all bands - but UHF and VHF-LO were stronger
> with the splitter.
>
> --
> ++
> + Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
> + USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
> + Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
> + "Welcome back my friends to the show that never ends!" EL&P +
> ++
I agree. I started out with the splitter and went to an
all band mag mount. I'm seriously considering switching back
to the splitter especially since I am looking forward to
installing a 2m rig and could use the antenna space on my
little truck.
I used the RS model that looks like a silver disk and
has 2 outputs. It's just too cold these days and I fear my
hand would fuse to the antenna :-).

352. Re: CB Radios

Newsgroup: rec.radio.scanner
Date: 1994-01-15 00:37:12 UTC
From: jmm5h@Virginia.EDU
Message-ID: <1994Jan15.003712.16080@Virginia.EDU>
Source record: 277808

cm002b@uhura.cc.rochester.edu writes:
>
> Hi Y'all. I'm planning to purchase a pair of CB radios in the next couple
> of months, but I have no Idea what to look for in terms of features or
> manufacturer. I'd like them to look decent when they're installed in my car
> (ie no Ratshack chrome jobs), and I'd like them to be relatively small. Is
> there any good CB out there that has all the controls mounted on the handset
> so I can put the rest out of sight? Also, what is the best antenna mounting
> option? I don't want to do anything I'll regret to my cars ('93 Saturn SC2
> and '91 Ford SHO). Are the AM/FM/CB antennas any good? Lastly, where's a
> good place to shop for them (retail or mail order)?
> Thank you very much.
> Chris
> --
> Chris Marget
> cm002b@uhura.cc.rochester.edu
Midland model 77-225a 40 ch remote cb transceiver. All
controls in mic LED ch display emergency ch9 switch solid state
s/rf meter local/DX switch electronic up-dwn ch switching 8ft
cable bween mic and box 12 ft extension cable available 4 3/4x
1 1/4x6 1/2. $104.99 + $6.00 shipping and NYS tax from Scanner
World in Albany (518) 4369606. It's a great, rugged radio
that's easily hidable.
For the Saturn, I've seen K-40's trunk lipped using an
optional copper ground strap on the mounting screw.

353. "UNLOCK FULL 800 COVERAGE"

Newsgroup: rec.radio.scanner
Date: 1994-01-15 00:48:04 UTC
From: jmm5h@Virginia.EDU
Message-ID: <1994Jan15.004804.16283@Virginia.EDU>
Source record: 277809

I recieved something in the mail from Cellular Security
Group 106 Westerm Ave Essex, MA 01929 1-800-487-7539 stating "
new 800 MHz restoration service for your factory blocked
scanner. Warranty and service plan protection, Same day
sevice, free UPS return shipping Unconditional satisfaction
guarantee (refun and relock) $40.00".
It sounds legit--has anyone had any dealings with this
organization?

354. AR1500,YUPITERA

Newsgroup: rec.radio.scanner
Date: 1994-01-15 03:25:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758612066.AA05576@rochgte.fidonet.org>
Source record: 277819

> From: kronz@woodling.ecn.purdue.edu (Jason A Kronz)
> Organization: Purdue University Engineering Computer Network

Yesterday I posted a message that I recieved the AR1500 for
> Christmas and wanted to know how it stacked up against others...

> PLEASE respond quickly I have to return the AR1500 by friday for an
> exchange its already been to long just to get my money back...

I am seeing your message on Friday evening. I hope that someone with a
more "direct" Internet connection was able to help you quickly enough.

355. CPR for the repeater?

Newsgroup: rec.radio.scanner
Date: 1994-01-15 03:30:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758612066.AA05577@rochgte.fidonet.org>
Source record: 277820

> From: bmiller@landesk.intel.com (Brett Miller - Support Engineer)
> Organization: INTEL.FOLSOM

> mobiles location and output power. For most public service, I think
> the input freq is 5MHz above the output frequency, but there are no
> guarantees on this.

It depends on the frequency band.

VHF High band - no standard outside ham bands.
UHF "low" (450-470 MHz) - input up 5 MHz.
UHF "T" (470-512 MHz) - input up 3 MHz.
Microwave (800 and up) - input down 45 MHz.

==========
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

356. Discone

Newsgroup: rec.radio.scanner
Date: 1994-01-15 03:35:02 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758612066.AA05578@rochgte.fidonet.org>
Source record: 277821

> From: tmnichol@alioth.cc.nps.navy.mil (Troy M. Nichols)
> Organization: Naval Postgraduate School

> I want to buy a discone antenna. Which of these three are the best:
> ICOM AH-7000, Radio Shack, or the Grove discone? Is there a discone
> out there better than one of these three?

The AH-7000 is the most expensive of the bunch. Grove sells the Diamond D-130J discone, which is the best discone in its price range (at least as good as the Icom but cheaper). The Radio Shack discone lacks the separate vertical element for acceptable VHF low band reception. Depending on sale prices, you may be able to get by with the Shack's antenna if you add one of their standard CB mobile whips to it. However, I believe the Icom and Diamond discones are made of more sturdy material. Maybe someone can jog my memory on that score.

==========
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

357. CellPhones "imaging" to 2 meters?!

Newsgroup: rec.radio.scanner
Date: 1994-01-15 03:41:06 UTC
From: miweber@apollo
Message-ID: <2h7oki$qi6@sol.ctr.columbia.edu>
Source record: 277811

Aaack! All of a sudden, the 2-meter ham band (144-148Mhz) seems jammed with cellular phone conversations! Has my trusty Yupiteru MVT-7000 died? These strange signals are accompanied by a high-pitched tone, and uncharacteristically have both sides of the conversations. Help! I've read some books on imaging and other scanner quirks, but I can't for the life of me figure out why something that should be up in 875Mhz band is now in my 146Mhz band, single-freq full duplex.

BTW, thanks to everyone who posted or mailed me with suggestions for my DF antenna search; I turned up some old QST articles, ca. 1980. I was hoping for something a little more recent, although the doppler design looks intriguing.

Thanks again in advance for any advice and service dept. rec's! :|

Mike Weber
miweber@apollo.davidson.edu

358. Re: Opinions on BC8500XLT??

Newsgroup: rec.radio.scanner
Date: 1994-01-15 06:19:26 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Jan15.011926.1@uoft02.utoledo.edu>
Source record: 277815

In article <2h2cgb$4nh@hp-col.col.hp.com>, bobw@col.hp.com (Bob Witte) writes:
> I am looking for informed opinions, test results, recommendations, etc.
> on the Uniden BC8500XLT. It looks like great freq coverage, lots of
> channels and alpha display at a good price.
>
> Thanks,
>
> Bob
>
> Bob Witte / HP PMO (Colo Springs) / bobw@col.hp.com / KB0CY / (719) 590-3230
--It's a piece of Uniden junk that should never have been released!
Barry Felstein using the acct of:
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

359. Re: CellPhones "imaging" to 2 meters?!

Newsgroup: rec.radio.scanner
Date: 1994-01-15 06:31:12 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Jan15.013112.1@uoft02.utoledo.edu>
Source record: 277816

In article <2h7oki$qi6@sol.ctr.columbia.edu>, miweber@apollo writes:
> Aaack! All of a sudden, the 2-meter ham band (144-148Mhz) seems
> jammed with cellular phone conversations! Has my trusty Yupiteru
> MVT-7000 died? These strange signals are accompanied by a high-pitched
> tone, and uncharacteristically have both sides of the conversations.
> Help! I've read some books on imaging and other scanner quirks, but
> I can't for the life of me figure out why something that should be
> up in 875Mhz band is now in my 146Mhz band, single-freq full duplex.
>
> BTW, thanks to everyone who posted or mailed me with suggestions for
> my DF antenna search; I turned up some old QST articles, ca. 1980. I
> was hoping for something a little more recent, although the doppler
> design looks intriguing.
>
> Thanks again in advance for any advice and service dept. rec's! :|
>
> Mike Weber
> miweber@apollo.davidson.edu
-It kind of sounds like intermod.You might be hearing the OLD car phones
that are down on 454 mhz.ANY scanner,will hear "junk"like this at various
places around every town I've ever been in.I go by a cellular tower that
just kills my HT and my scanner with cellular calls on 2 meters,800 trunk on
460 mhz,all kinds of pagers,and lots of noise.If you only get this noise when
you are at certain places,it probably was intermod,and there isnt a whole lot
you can do about it.But,if it's constant,your radio is sick.Hope not.

Barry Felstein using the ACCT of:
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

360. Re: CellPhones "imaging" to 2 meters?!

Newsgroup: rec.radio.scanner
Date: 1994-01-15 07:18:47 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2h85cn$svv@umcc.umcc.umich.edu>
Source record: 277814

Do you know if there's a new cell site in your vicinity? Not all of
them use the large blue monopole towers with the triangular-shaped
platform on top.
Some sites are very low-profile (physically & electronically).

I hope the problem disappears soon. You must be terribly ashamed &
embarrased to be subjected to 'private' conversations about sex, drugs,
embezzlement, etc. when simply trying to tune in the hams on 2-meters,
saying stuff like "QSL and fine business on your bursitus not acting up on
you today, Fred!" ;)

Of course since there's no willful intent on your part, I don't
think that you're in technical violation of the ECPA.

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

361. Re: Questions about communication basics

Newsgroup: rec.radio.scanner
Date: 1994-01-15 07:34:58 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jan15.073458.9717@hpcvaac.cv.hp.com>
Source record: 277810
Cross-posted to: alt.radio.scanner,rec.radio.scanner

lmctrle@LMC.Ericsson.SE (Trien Le) writes:
:
: 2) USB, SSB and LSB, what the heck are they? I understand they are part of the
: whole sideband and carries the all info as the original band does. What are the
: advantages and disavantages using these bands in term of brodcasting distance,
: info fidelity and so on.

More correctly, they describe part of the amplitude modulated transmitted signal. An AM signal contains a carrier, and two sidebands. When the carrier is modulated 100% - two thirds of the power is in the carrier, and only one third is in the sidebands. As the carrier contains no useful information, it is nice to suppress or eliminate it - and transmit only the part containing the intelligence. This is called sideband communication, and can be either single or double sideband. There are two sidebands, the upper sideband (USB) and the lower sideband (LSB). These contain identical information, except that the frequency relationships are inverted (ignoring phase). Since they are identical, a further improvement occurs if one of the sidebands is also suppressed. This mode (SSB), is the most common currently used for non-music transmissions. Since all the transmission power is now going into the minimal bandwidth, the range is maximized. In some cases, even though the range may not be any further, it would be stronger in the area where it can be received.

The major disadvantage is that the recovered signal generally does not sound just like the transmitted signal (voices tend to sound gravely or a bit like Donald Duck). Since there is no carrier, its analogue has to be reinjected in the receiver - and this tuning is critical for clear reception.

Bill

362. Re: 8ch/sec -> 100ch/sec

Newsgroup: rec.radio.scanner
Date: 1994-01-15 07:56:43 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jan15.075643.10119@hpcvaac.cv.hp.com>
Source record: 277817

heglowstein@BIX.com (heglowstein on BIX) writes:
: >when trying this. The proof is in the pudding...How does your new
: >100ch/sec scanner work now?

It doesn't scan at 100 ch/sec. The original poster had serious problems
with his math. See below.

: I have the same scanner and made the crysatl mod some
: time ago. With an 8MHz crystal, the performance was a bit
: intermittent. It failed to stop on some signals my R1 stopped
: on, and on one occasion the keyboard froze for a second or two.
:
: Dropping the crystal down to 7.4xxx something did the tick, and I
: now get about 45 chan/sec reliably, and with good signal detection.

Since the scanner scanned at 8 ch/sec with a 2 MHz crystal, that means
that it scans 4 ch/sec for each MHz. Assuming your crystal is 7.5 MHz,
the scan rate would be 30 ch/sec - not 45.

: Coincidentally, I ended up with the same crystal freq that Bill
: Cheek recommended as the maximum in his book. The dude
: definitely knows what he's talking about. :-)

He certainly does.

Bill

363. Re: CellPhones "imaging" to 2 meters?!

Newsgroup: rec.radio.scanner
Date: 1994-01-15 08:39:24 UTC
From: linley@netcom.com
Message-ID: <linleyCJnxDp.66t@netcom.com>
Source record: 277818

In ye olden post miweber@apollo spake...
>Aaack! All of a sudden, the 2-meter ham band (144-148Mhz) seems
>jammed with cellular phone conversations! Has my trusty Yupiteru
>MVT-7000 died? These strange signals are accompanied by a high-pitched

(Image of smiling ball with hands) Don't Panic!
What you're hearing is nothing more than an old mobile telephone system
from the pre-cellular days. It lies in the 152MHz range and like any other
strong signal (Anyone hate pager signals as much as I do?), is overloading
your scanner.

--
Bruce James Robert Linley | ___________, ,-----/^\-----. | "We can make safer
>>> linley@netcom.com <<< | _NCC-1701_) `-..--_/-----' | guns... and...
------------------------- | ______//_ | safer bullets."
Endut! Hoch Hech! | (___________) | - Joycelyn Elders

364. Re: CellPhones "imaging" to 2 meters?!

Newsgroup: rec.radio.scanner
Date: 1994-01-15 12:54:29 UTC
From: arog@BIX.com
Message-ID: <arog.758638469@BIX.com>
Source record: 277822

RE: Cellphone interferance...

I'd suggest taking a look around your area for a 'cell site'
and its characteristic antennas. Try your local land use planning
folks (zoning board or whatever) for info on any recent sites
that were approved. Figure recent to go back maybe a year.

I've heard this sort of thing locally (so-cal area) and my
dual.band ft727 is real prone to it, but I've also heard
just a bit on my UHF Micor as well.

The sum of my reactions is that while the ft727 is... well, what it
is, too broadband and to hot for what it should be asked to do,
that the Micor has heard this crud as well leads me to think that
these folks have skimped on the cavities and circulators on these
sites... and that there is garbage comming out of them where there
should *not* be.

.....
Alan Ogden, w6spk, Moderator of ham.radio at BIX
arog@BIX.com

365. Re: rechargeable batteries

Newsgroup: rec.radio.scanner
Date: 1994-01-15 13:45:24 UTC
From: "Frank Cusack Jr." <fcusack@psu.edu>
Message-ID: <2h8s1k$n3d@genesis.ait.psu.edu>
Source record: 277823
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <CJKxnD.HFy@cbnewse.cb.att.com> steven.r.beckle, srbeckle@cbnewse.cb.att.com writes:
> I thought I'd throw in my 2 cents regarding batteries since I've
> seen some articles of late here on the net. When I recently bought
> my Pro-46 from Radio Shaft, they naturally were out of the adaptors
> for the charging jack, so I decided to buy a Millenium rechargeable
> battery system. For $30 I got 4 Milennium AA NiCads and a charger that
> charges all 4 of them up in about an hour. I'm never without
> batteries as a result, since they last all day -- I charge them up
> at night. I use the Lo Battery indicator on the scanner to ensure
> complete discharge before recharging. I thought it was a worthwhile
> investment given the number of uses for AA batteries around my
> house.

While I don't at present have a battery-operated scanner (although I plan to buy one soon), I have used the Millennium batteries and fast charger with other items (remote controls, etc.) Here is a problem I have had.

After using them for only a month, the Millenium batteries seem to discharge _Very_ quickly in a programmable remote control (constant battery drain). I am wondering if it may be due to the fast charging rate? or maybe I got some bad cells? I did not seem to have this problem before, using other cells and a standard (6-8 hr.) charger.

BTW, the fast charger detects Millenium brand batteries because of a small detent on the (+) tip of the battery. I guess this is to encourage owners to buy the Millenium brand, since other brands (without the depression) will only charge at the slow rate. I have succesfully put a depression in the (+) end of other batteries using a 1/8" pin punch **be very careful so as not to put a hole in the tip of the battery**. Only a slight depression is required. Go a little at a time until the charger recognizes your *modified* batteries as Milleniums. This is advantageous as the Milleniums are more expensive than other brands. Also, if you already have other NiCads laying around, you will be able to get effective use out of the quick charger.

I have not noticed any problems with fast charging other brands of batteries, and I have not noticed a fast discharge rate with other brands.

Anyone have any info on whether or not it is safe to charge other batteries at the faster rate?

-- Frank Cusack
-- Student-at-Large, PSU

366. cellular frequencies info

Newsgroup: rec.radio.scanner
Date: 1994-01-15 13:59:43 UTC
From: Harald Landvoigt <K3006E1@ALIJKU11.BITNET>
Message-ID: <94015.135943K3006E1@ALIJKU11.BITNET>
Source record: 277683

hi everbody!
scanning cellular phone frequencies is illegal in most countries....
so here is a list of cellular phone freq. you should NOT!:-) enter into your
receiver/scanner (depending on where you live)....
i found this listing in the '92 PROCOM antenna catalogue. it's not very
up to date but i think it will tell you where NOT!:-) to scan .....

have fun:-)....
Harald
==========

450 MHz CELLULAR NETWORKS
- in alphabetic order
- as per August 1991

COUNTRY NETWORK ABBRE MOBILETX MOBILERX TUNINGFREQ.

VIATION MHz

AUSTRIA NMT-450 AUS 451.3-455.8 461.3-465.8 456.0

BELGIUM NMT-450 BNL 451.3-455.8 461.3-465.8 456.0

CZECKOSLOVAKIA - CZ 452.0-456.5 462.0-466.5 456.5

DENMARK NMT-450 NMT 453.0-457.5 463.0-467.5 457.5

FAROE ISLANDS NMT-450 NMT 453.0-457.5 463.0-467.5 457.5

FINLAND NMT-450 NMT 453.0-457.5 463.0-467.5 457.5

FRANCE RADIOCOM2000 R2000 414.8-418.0 424.8-428.0 419.0

FRANCE SFR (NMT-F) SFR 450.0-454.6 440.0-444.6 450.0

GERMANY C-NET (C-450) CNET 450.0-455.8 460.0-465.8 455.0

HUNGARY NMT-450 HUN 465.5-470.0 455.5-460.0 465.5

ICELAND NMT-450 NMT 453.0-457.5 463.0-467.5 457.5

INDONESIA NMT-470 IND 479.0-483.5 489.0-493.5 483.5

ITALY RTMS RTMS 450.0-454.8 460.0-464.8 455.0

MALAYSIA ATUR-450 MAL 452.0-456.5 462.0-466.5 456.5

MAROCCO NMT-450 MAR 463.0-467.5 453.0-457.5 463.0

MEXICO - MEX 495.0-496.5 475.0-476.5 492.5

NETHERLANDS NMT-450 BNL 451.3-455.8 461.3-465.8 456.0

NORWAY NMT-450 NMT 453.0-457.5 463.0-467.5 457.5

OMAN - OMAN 438.4-442.9 428.4-432.9 438.0

POLAND - POL 452.5-457.0 462.5-467.0 457.0

PORTUGAL C-NET (C-450) POR 453.0-457.5 463.0-467.5 457.5

SAUDI ARABIA 1 - SAU1 458.7-463.3 448.7-453.3 459.0

SAUDI ARABIA 2 - SAU2 438.4-442.9 428.4-432.9 438.5

SCANDINAVIA NMT-450 NMT 453.0-457.5 463.0-467.5 457.5

SOUTH AFRICA C-NET (C-450) SAF 465.5-469.5 455.5-459.5 465.0

SPAIN NMT-450 ESP 454.3-458.8 464.3-468.8 459.0

SWEDEN NMT-450 NMT 453.0-457.5 463.0-467.5 457.5

THAILAND - THAI 479.0-483.5 489.0-493.5 483.5

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900 MHz CELLULAR NETWORKS
- in alphabetic order
- as per August 1991

COUNTRY NETWORK ABBRE MOBILETX MOBILERX TUNINGFREQUENCY

VIATION MHz MHz MHz

AUSTRIA ETACS ETACS 872.0-905.0 917.0-950.0 895

DENMARK NMT-900 NMT 890.0-915.0 935.0-960.0 910

EUROPE GSM GSM 890.0-915.0 935.0-960.0 910

FINLAND NMT-900 NMT 890.0-915.0 935.0-960.0 910

FRANCE Radiocom 2000 R2000 884.0-890.0 929.0-935.0 900

HONG KONG ETACS ETACS 870.0-905.0 917.0-950.0 895

ICELAND NMT-900 NMT 890.0-915.0 935.0-960.0 910

ITALY TACS TACS 890.0-902.8 935.0-947.8 910

KUWAIT ETACS ETACS 872.0-905.0 917.0-950.0 895

MACAU TACS TACS 897.5-905.0 942.5-950.0 915

MALAYSIA ETACS ETACS 872.0-905.0 917.0-950.0 895

NETHERLANDS NMT-900 NMT 890.0-915.0 935.0-960.0 910

NORWAY NMT-900 NMT 890.0-915.0 935.0-960.0 910

SCANDINAVIA NMT-900 NMT 890 0-915.0 935.0-960.0 910

SPAIN ETACS ETACS 872.0-905.0 917.0-950.0 895

SWEDEN NMT-900 NMT 890.0-915.0 935.0-960.0 910

SWITZERLAND NATEL-C NATC 890.0-915.0 935.0-960.0 910

UK ETACS ETACS 872.0-905.0 917.0-950.0 895

USA EAMPS EAMPS 824.0-849.0 869.0-894.0 845

This information is given to the best of our knowledge as per August 1991. As network frequencies are often modified
(mostly for expansion) please check with national authorities before relying completely on the frequencies stated.

367. Re: Mobile Scanner with Alphanumerics?

Newsgroup: rec.radio.scanner
Date: 1994-01-15 14:14:06 UTC
From: mpage@netcom.com
Message-ID: <mpageCJoCvI.2zp@netcom.com>
Source record: 277824

Chris McCormack (mccormac@galaxy.mpr.ca) wrote:
The only other mobile unit I know about is the aging Kenwood
: RZ-1, which is exactly DIN sized and has 100 memories with alphanumeric
: capability. Unfortunately, not only is it old, but overpriced, and I have heard
: that its scanning abilities are marginal.

I don't know why you think the abilities of the RZ-1 are marginal, I have had two of them scanning on my news desk for over 3-4 years and they have NEVER been turned off. The do a great job. Their scanning rate is not as fast as many of the newer radios, though. It does have an alpha-numeric display which is a life-saver for me. So far, the newer radios, like the new uniden with Alpha, does not show me too much, except scanrate, over the RZ-1. It is expensive, I agree, but does a great job and lasts forever.

: Thanks very kindly in advance,

: Chris McCormack (mccormac@galaxy.mpr.ca)
--

==========
| Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436 | |
|==========
	MEDIA PAGE
Internet: mpage@netcom.com	Breaking News Stories to
CIS: 71674,1610	the News Media since 1978
==========

368. Re: Questions about communication basics

Newsgroup: rec.radio.scanner
Date: 1994-01-15 14:38:29 UTC
From: carter@scilab.lonestar.org
Message-ID: <uu87Fc3w165w@scilab.lonestar.org>
Source record: 277684
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Ahoy, Trien Le!

lmctrle@LMC.Ericsson.SE (Trien Le) writes:
> Here are my questions:
>
> 1) What are WFM (wide FM) and NWF different from regular FM (Advantages/Disad
> What media uses them? (TV/News stations..).

As you're probably aware, FM is "made" by swinging the transmitter's frequency up and down around a center frequency. The difference between WFM and NFM (narrow) is the maximum amount of swing away from the center frequency that is allowed. The larger amount of swing of WFM signals provides for better signal fidelity, at the cost of bandspace used. As a rule, you can expect NFM to be used wherever FM is going to be used, *unless* the signal is eventually going to be used for broadcasting. WFM is on the standard FM dial, it's used for studio-to-transmitter links (STL's), and is usually used to link remote reporters back to their stations. A notable exception is helicopter traffic report links, where NFM is usually the norm.

> What type of signals do scanners
> pick up if they (scanners) do not have AM/FM button? On expensive scanners, h
> do they pick up these types of transmissions?

Of course, this has a lot to do with the capabilities of the scanner. But scanners invariably have a mode associated with each band they're designed to receive. That's fairly simple, because nearly all the communications scanners receive are NFM, with the exception of the civil (108-136 MHz) and military (upper 200 to lower 400 MHz) aircraft bands, which are AM.

Inexpensive scanners will sometimes skip the aircraft bands just so the AM section doesn't have to be provided. On the more expensive scanners, the user has an option to override the AM/FM default and switch to the other mode. On the high-end scanners (say $600 and up) there is probably a default for each band, but the user can select AM, FM (narrow, by default), WFM, USB, LSB all the way up and down the radio's range.

> 2) USB, SSB and LSB, what the heck are they? I understand they are part of th
> whole sideband and carries the all info as the original band does. What are t
> advantages and disavantages using these bands in term of brodcasting distance
> info fidelity and so on.

Well, you've got the basic idea. [Readers not interested in the radio theory can skip the next two paragraphs.] Any time two or more frequencies are mixed, there are new frequencies produced. This is true of radio, sound, light -

it's a general principle of wave mechanics (it's the most common way to tune musical instruments, incidentally). For two tones, we get the original two tones, plus one tone which has a frequency which is the sum of the original frequencies, plus one tone which has a frequency of the absolute value of the difference of the two original frequencies.

When you mix an audio note with a relatively much higher frequency (like when mixing audio with a radio frequency) the new frequencies are clustered around the much higher radio frequency. When you mix something complicated like voice or music, there are a whole slew of new signals around the radio frequency. Those which are the sums (and will be above the radio signal) are collectively called the "Upper Side Band". Those which are the differences (and will be below the radio signal) are collectively known as the "Lower Side Band." The LSB signals are a mathematical mirror of the USB signals, too. It was eventually worked out how to send only the USB or LSB and reconstruct the original signal from only one of those components.

-t /*theory mode off*/

Anyway, this is a mixed blessing. SSB transmitters can devote all of their amplifier power to the sideband instead of the full signal. The SSB signal will require less bandwidth, too. There are other things which are much more complex - such as SSB vs. AM in surviving interference and fading where only part of the AM signal (or all of the SSB signal) would be affected. Overall, SSB is worth doing, for some applications. But the cost of these benefits have to be considered. Receivers have to be more complex, the user of the receiver has to know a little more about tuning the signal in. To keep music listenable (on the correct pitch), the tuning must be _extremely_ stable and precise.

BTW, on some radios you'll see a mode selection, labeled "CW," which is intended for "continuous wave" (Morse code) signales. This is different from radio to radio, but the "CW mode" is either LSB or USB, but often with different audio filtering. On the Sony 2010, there is no difference - the LSB button is labeled "LSB/CW", but CW is just as receivable on USB.

> 3) What does squelch button on scanners do? What is the communication princip
> if any, behind this?

A squelch circuit is just used to silence the radio whenever it is not receiving a signal of a minimum strength or higher. The squelch control (usually a knob) sets the level of signal strength required to turn on the audio of the receiver. It doesn't affect anything as far as the signals go. It just keeps the listener from having to listen to the annoying hiss when there's nothing to listen to. Of course, the batteries in a radio will last longer when they don't have to run the audio section, too.

Hope this helps!

Cheerio!

Carter R. Bennett, Jr. [Scientist]
carter@scilab.lonestar.org
KI5SR

369. Looking for Scanner BBS

Newsgroup: rec.radio.scanner
Date: 1994-01-15 16:02:15 UTC
From: b1y1m39@kato.BELL-ATL.COM
Message-ID: <CJoHvr.E8z@kato.BELL-ATL.COM>
Source record: 277676
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I'm looking for the number of a Scanner BBS in the Phila. Area.
I lost the number, but I remember it began with 525....
Can anyone help?

--
==
Bob Esposito Voice/Voice Mail: (215) 466-6831
Bell Atlantic Corp. FAX: (215) 563-3984
Philadelphia, Pa. E-mail: b1y1m39@kato.BELL-ATL.COM

370. Yupiteru MVT7100 for sale (two of them)

Newsgroup: rec.radio.scanner
Date: 1994-01-15 16:25:03 UTC
From: crisp@netcom.com
Message-ID: <crispCJoIxt.BHx@netcom.com>
Source record: 277675
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

I have two Yupiteru MVT7100 handheld scanners for sale. One is new the other has seen about 6 months of infrequent use. The used one is like new but isn't. I picked up an extra one last trip to Japan and now have decided to sell them both as other financial considerations have arisen.

The new one is $575
The used one is $525

Get one now while you still can!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

"one useless man is a lawyer, two lawyers are the first family, and three? The beginning of the Cabinet" -R. Crisp (apologies to John Adams)

371. Watkins Johnson New Receivers for Sale

Newsgroup: rec.radio.scanner
Date: 1994-01-15 19:50:41 UTC
From: joe@netcom.com
Message-ID: <joeCJosGH.KJG@netcom.com>
Source record: 277677
Cross-posted to: rec.radio.swap,misc.forsale,chi.forsale,rec.radio.scanner

For sale - mint condition WJ models WJ-8718/MFP and WJ-8617
super receivers. The 8617 is a 20-500 Mhz Microprocessor controlled
receiver with an RS232 interface and signal monitor.

The 8718/MFP is a 5 Khz to 30 Mhz Micro-controlled receiver also.

Asking $14,000 for the 8617 and $6,000 for the 8718. Under
Warranty...

--Joe Jesson 312-856-3645 eve and wkend 708-356-6817

--

Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046
---

372. CellPhone Imageing update...

Newsgroup: rec.radio.scanner
Date: 1994-01-15 20:19:56 UTC
From: miweber@apollo
Message-ID: <2h9j5c$d3h@sol.ctr.columbia.edu>
Source record: 277678

Thanks to Tim, Barry, Bruce, and Alan for their insightful and helpful contributions. Sadly, I think the problem is more severe than any of us anticipated. Today I hunkered down with my old PRO 2004 and the 7000 to try to pin the spread down. Here's what I found:

'Real' freq: 'Image' Freq: diff:
857.7375 132.770 724.9675
858.4875 133.145 725.3425
859.7375 133.770 725.9675
860.7375 134.270 726.4675
867.8625 135.845 732.0175
...

Seems the problem is not confined to the 2 meter band. This happens all the way from 120Mhz or so up to 150 or so, or at least, that's as far as I've bothered to track it. The public safety freq's listed above were easier to hold onto than those pesky car phones that keep switching around. Believe it or not, I don't WANT to hear the darn things! If I did, I'd pop up to the 800's where they belong. I just want them out of my low band! Once again, anyone have a favorite service department?

TIA,
Mike Weber
miweber@apollo.davidson.edu

373. Frequency Request: Mass

Newsgroup: rec.radio.scanner
Date: 1994-01-15 20:28:03 UTC
From: jperlman@k12.ucs.umass.edu
Message-ID: <1994Jan15.202803.17115@k12.ucs.umass.edu>
Source record: 277679

I think I may have posted this before, but have not seen any
replies. Sorry if I missed any.

I am looking for a complete listing of massachusetts frequencies
especially Sudbury, Mass.

Thanx in advance!!!

Jeff Perlman
--
7
3

374. Can Scanners Receive TV stations?

Newsgroup: rec.radio.scanner
Date: 1994-01-15 23:28:16 UTC
From: edgrant@netcom.com
Message-ID: <edgrantCJp2J5.C5t@netcom.com>
Source record: 277700

Can scanners receive TV stations. If they can, could you give me the
frequencies that they are found on.

Thanks
--
* ---*
* Edward L. Grant Jr. E-Mail: edgrant@netcom.com *
* Panorama City, Calif. USA (818) 785-3512 *
* ---*

375. Re: Yupitero MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-15 23:29:12 UTC
From: Henry@g0gku.demon.co.uk
Message-ID: <758676552snz@g0gku.demon.co.uk>
Source record: 277686

Ref. the Yupiteru 7100. Well, without making a big deal,
it's about the best scanner I have ever used.
It's not perfect, but it has as much sensetivity as any unit
I have ever used.
The spacing is, 1, 5, 6, 9, 10, 15, 25, 50, and 100khz.
So, you could use 15khz spacing for those 30khz spaced
channels.
Also, yhou have nbfm, wbfm, you will never have to sweat
getting t.v. audio when you want it.
Can't say enough about the scanner.

--
Henry Brugsch
aka hbj elsewher, CIS: 75366.317.com
hbj@bix.com, Moderator of adaptive.tech conference, bix
telnet and internet connectivity $13 per month
(Join adaptive.tech) for info on adaptive tech for disabilities
telnet x25.bix.com
The freedom of information is a right not a privilege.

376. Mods for PRO-34 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-01-15 23:41:25 UTC
From: edgrant@netcom.com
Message-ID: <edgrantCJp351.74o@netcom.com>
Source record: 277681

Could someone post the mods for the Radio Shack PRO-34 Scanner? Thanks.

--

* ---*
* Edward L. Grant Jr. E-Mail: edgrant@netcom.com *
* Panorama City, Calif. USA (818) 785-3512 *
* ---*

377. NJ State Police Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-15 23:45:55 UTC
From: 7schlitt_s@spcvxb.spc.edu
Message-ID: <1994Jan15.184555.1@spcvxb.spc.edu>
Source record: 277680

I was wondering if anybody knows the frequencies used by the New Jersey State Police for the Newark and Totowa barracks. Any other interesting frequencies in Northern New Jersey would also be greatly appreciated

378. Re: NJ State Police Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-16 00:21:03 UTC
From: jmm5h@Virginia.EDU
Message-ID: <1994Jan16.002103.18484@Virginia.EDU>
Source record: 277682

7schlitt_s@spcvxb.spc.edu writes:
> I was wondering if anybody knows the frequencies used by the New Jersey State
> Police for the Newark and Totowa barracks. Any other interesting frequencies in
> Northern New Jersey would also be greatly appreciated
According to a recent article in "POP COMM", NJSP is
using 800MHz TRUNKED systems state-wide. This can present some
interesting scanner challenges. They are operating 866-869 and
935-940. q

379. Current mods on World

Newsgroup: rec.radio.scanner
Date: 1994-01-16 06:28:04 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCJpLyt.E3u@netcom.com>
Source record: 277685
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.scanner

I would like to thank everyone who so far has offered information on mods, whether their own information or pointers to FTP sites.

The following list shows the current directory structure of the mods section on world.std.com. The path for those without World accounts is: /pub/hamradio/mods

As you can see, I have created different subdirectories for each manufacturer to help make it easier to find what you are looking for.

Please keep the mods coming, especially for mods not shown below or for updates to currently existing mods.

```
total 22
drwxrwsr-x 2 wy1z 512 Jan 15 23:51 aea
drwxrwsr-x 2 wy1z 512 Jan 15 23:49 alinco
drwxrwsr-x 2 wy1z 512 Jan 15 23:48 bearcat
drwxrwsr-x 2 wy1z 512 Jan 15 23:49 ge
drwxrwsr-x 2 wy1z 512 Jan 15 23:50 heathkit
drwxrwsr-x 2 wy1z 1024 Jan 16 00:56 icom
drwxrwsr-x 2 wy1z 512 Jan 15 23:50 kantronics
drwxrwsr-x 2 wy1z 2048 Jan 16 00:57 kenwood
drwxrwsr-x 2 wy1z 512 Jan 15 23:53 mfj
drwxrwsr-x 2 wy1z 512 Jan 16 01:17 micor
drwxrwsr-x 2 wy1z 512 Jan 15 23:53 misc-packet
drwxrwsr-x 2 wy1z 512 Jan 15 23:51 misc-radio
drwxrwsr-x 2 wy1z 512 Jan 16 01:18 motorola
drwxrwsr-x 2 wy1z 512 Jan 15 23:53 paccomm
drwxrwsr-x 2 wy1z 512 Jan 15 23:52 ramsey
drwxrwsr-x 2 wy1z 512 Jan 15 23:52 ranger
drwxrwsr-x 2 wy1z 512 Jan 14 16:07 sony
drwxrwsr-x 2 wy1z 512 Jan 14 19:12 standard
drwxrwsr-x 2 wy1z 512 Jan 15 23:52 tandy
drwxrwsr-x 2 wy1z 512 Jan 15 23:52 tapr
drwxrwsr-x 2 wy1z 1024 Jan 16 00:56 yaesu

aea:
total 2
-rw-rw-r-- 1 wy1z 1820 Jan 15 23:51 pk232lok.mod

alinco:
total 51
-rw-rw-r-- 1 wy1z 2090 Jan 15 23:49 alr22t.mod
-rw-rw-r-- 1 wy1z 1090 Jan 14 19:09 dj120.mod
-rw-rw-r-- 1 wy1z 1593 Jan 14 19:09 dj162.mod
```

```
-rw-rw-r-- 1 wy1z 2807 Jan 14 19:09 dj500.mod
-rw-rw-r-- 1 wy1z 3501 Jan 14 19:09 dj560-1.mod
-rw-rw-r-- 1 wy1z 1213 Jan 14 19:09 dj560.mod
-rw-rw-r-- 1 wy1z 1950 Jan 14 19:09 dj580.mod
-rw-rw-r-- 1 wy1z 3951 Jan 14 19:09 dj580rep.inf
-rw-rw-r-- 1 wy1z 2570 Jan 14 19:09 djf1t.mod
-rw-rw-r-- 1 wy1z 2232 Jan 14 19:09 dr1200-1.mod
-rw-rw-r-- 1 wy1z 1334 Jan 14 19:09 dr1200.mod
-rw-rw-r-- 1 wy1z 2144 Jan 14 19:09 dr1200t.mod
-rw-rw-r-- 1 wy1z 1272 Jan 14 19:09 dr130.mod
-rw-rw-r-- 1 wy1z 4077 Jan 14 19:09 dr510.mod
-rw-rw-r-- 1 wy1z 886 Jan 14 19:09 dr570.mod
-rw-rw-r-- 1 wy1z 2147 Jan 14 19:09 dr599t-1.mod
-rw-rw-r-- 1 wy1z 1876 Jan 14 19:09 dr599t.mod
-rw-rw-r-- 1 wy1z 6003 Jan 14 19:09 dr600.mod

bearcat:
total 40
-rw-rw-r-- 1 wy1z 479 Jan 15 23:48 760xlt.mod
-rw-rw-r-- 1 wy1z 1008 Jan 14 19:12 bc175xl.mod
-rw-rw-r-- 1 wy1z 19528 Jan 14 19:12 bc200.mod
-rw-rw-r-- 1 wy1z 2390 Jan 14 19:12 bc200xlt.cpu
-rw-rw-r-- 1 wy1z 4125 Jan 14 19:12 bc205xlt.mod
-rw-rw-r-- 1 wy1z 3294 Jan 14 19:12 bc2500.mod
-rw-rw-r-- 1 wy1z 3560 Jan 14 19:12 bc855xlt.mod
-rw-rw-r-- 1 wy1z 1588 Jan 14 19:23 uni2510.mod

ge:
total 18
-rw-rw-r-- 1 wy1z 11676 Jan 15 23:49 ge_mvp.mod
-rw-rw-r-- 1 wy1z 5908 Jan 15 23:49 ge_mvpex.mod

heathkit:
total 5
-rw-rw-r-- 1 wy1z 3558 Jan 15 23:50 hw-24-t.mod
-rw-rw-r-- 1 wy1z 980 Jan 15 23:50 hw-24.mod

icom:
total 114
-rw-rw-r-- 1 wy1z 2006 Jan 14 19:08 ic-24.mod
-rw-rw-r-- 1 wy1z 1158 Jan 14 19:08 ic-mu2.mod
-rw-rw-r-- 1 wy1z 1143 Jan 14 19:08 ic-p2at.mod
-rw-rw-r-- 1 wy1z 1199 Jan 14 19:08 ic02-2.mod
-rw-rw-r-- 1 wy1z 837 Jan 14 19:08 ic02-3.mod
-rw-rw-r-- 1 wy1z 2031 Jan 14 19:08 ic02.mod
-rw-rw-r-- 1 wy1z 1845 Jan 14 19:08 ic04.mod
-rw-rw-r-- 1 wy1z 936 Jan 14 19:08 ic24-2.mod
-rw-rw-r-- 1 wy1z 5159 Jan 14 19:08 ic24-3.mod
-rw-rw-r-- 1 wy1z 6541 Jan 14 19:08 ic2410.mod
-rw-rw-r-- 1 wy1z 465 Jan 14 19:08 ic28.mod
-rw-rw-r-- 1 wy1z 2636 Jan 14 19:08 ic2at.mod
```

```
-rw-rw-r-- 1 wy1z 7967 Jan 14 19:08 ic2sat-2.mod
-rw-rw-r-- 1 wy1z 4894 Jan 14 19:08 ic2sat.mod
-rw-rw-r-- 1 wy1z 8413 Jan 14 19:08 ic2sra.mod
-rw-rw-r-- 1 wy1z 2622 Jan 14 19:08 ic32-2.mod
-rw-rw-r-- 1 wy1z 2439 Jan 14 19:08 ic32.mod
-rw-rw-r-- 1 wy1z 440 Jan 14 19:08 ic3200a.mod
-rw-rw-r-- 1 wy1z 3822 Jan 14 19:08 ic37.mod
-rw-rw-r-- 1 wy1z 2370 Jan 14 19:08 ic720a.mod
-rw-rw-r-- 1 wy1z 3614 Jan 16 00:56 ic735-1.mod
-rw-rw-r-- 1 wy1z 1380 Jan 16 00:56 ic735-2.mod
-rw-rw-r-- 1 wy1z 1373 Jan 14 19:08 ic735ibm.mod
-rw-rw-r-- 1 wy1z 7758 Jan 14 19:08 ic751.mod
-rw-rw-r-- 1 wy1z 2866 Jan 14 19:08 ic900.mod
-rw-rw-r-- 1 wy1z 4063 Jan 14 19:08 ic901a.mod
-rw-rw-r-- 1 wy1z 2214 Jan 14 19:08 icom-ram.mod
-rw-rw-r-- 1 wy1z 1897 Jan 14 19:08 icom32at.mod
-rw-rw-r-- 1 wy1z 4346 Jan 14 19:08 icw21at.mod
-rw-rw-r-- 1 wy1z 2590 Jan 14 19:08 icw2a-1.mod
-rw-rw-r-- 1 wy1z 6673 Jan 14 19:08 icw2a.mod
-rw-rw-r-- 1 wy1z 3101 Jan 14 19:23 u2at.mod

kantronics:
total 2
-rw-rw-r-- 1 wy1z 1129 Jan 15 23:50 kamdcd.mod

kenwood:
total 380
-rw-rw-r-- 1 wy1z 1753 Jan 15 23:51 ps50.fix
-rw-rw-r-- 1 wy1z 1155 Jan 14 19:13 r5000.mod
-rw-rw-r-- 1 wy1z 26176 Jan 14 19:13 r7000-2.mod
-rw-rw-r-- 1 wy1z 3308 Jan 14 19:13 r7000.mod
-rw-rw-r-- 1 wy1z 4771 Jan 14 19:13 radio.mod
-rw-rw-r-- 1 wy1z 2175 Jan 14 19:11 th215.mod
-rw-rw-r-- 1 wy1z 2932 Jan 16 00:57 th225.mod
-rw-rw-r-- 1 wy1z 7624 Jan 14 19:11 th25.mod
-rw-rw-r-- 1 wy1z 862 Jan 14 19:11 th27a.mod
-rw-rw-r-- 1 wy1z 6003 Jan 14 19:11 th28a.mod
-rw-rw-r-- 1 wy1z 1333 Jan 14 19:11 th75.mod
-rw-rw-r-- 1 wy1z 25211 Jan 14 19:11 th77a.mod
-rw-rw-r-- 1 wy1z 8702 Jan 14 19:11 th78a-0.mod
-rw-rw-r-- 1 wy1z 4445 Jan 14 19:11 th78a-1.mod
-rw-rw-r-- 1 wy1z 7471 Jan 14 19:11 th78a-2.mod
-rw-rw-r-- 1 wy1z 21400 Jan 14 19:11 th78a-complete.mod
-rw-rw-r-- 1 wy1z 3435 Jan 14 19:11 th78a-new.mod
-rw-rw-r-- 1 wy1z 890 Jan 14 19:11 th78a-warn.mod
-rw-rw-r-- 1 wy1z 2441 Jan 14 19:11 tm-96kb.mod
-rw-rw-r-- 1 wy1z 1340 Jan 14 19:11 tm221.fix
-rw-rw-r-- 1 wy1z 758 Jan 14 19:11 tm2570a.mod
-rw-rw-r-- 1 wy1z 937 Jan 14 19:11 tm321a-2.mod
-rw-rw-r-- 1 wy1z 1384 Jan 14 19:11 tm321a-3.mod
-rw-rw-r-- 1 wy1z 583 Jan 14 19:11 tm321a.mod
```

```
-rw-rw-r-- 1 wy1z 1702 Jan 14 19:11 tm421.mod
-rw-rw-r-- 1 wy1z 1836 Jan 16 00:57 tm421a.mod
-rw-rw-r-- 1 wy1z 2900 Jan 14 19:11 tm701.mod
-rw-rw-r-- 1 wy1z 271 Jan 14 19:11 tm701a.mod
-rw-rw-r-- 1 wy1z 2718 Jan 14 19:11 tm721-2.mod
-rw-rw-r-- 1 wy1z 5940 Jan 14 19:11 tm721-3.mod
-rw-rw-r-- 1 wy1z 4143 Jan 14 19:11 tm721.mod
-rw-rw-r-- 1 wy1z 1575 Jan 14 19:11 tm731.mod
-rw-rw-r-- 1 wy1z 1083 Jan 14 19:11 tm732a-1.mod
-rw-rw-r-- 1 wy1z 5697 Jan 14 19:11 tm732a-2.mod
-rw-rw-r-- 1 wy1z 4401 Jan 14 19:11 tm741-1.mod
-rw-rw-r-- 1 wy1z 2701 Jan 14 19:11 tm741-2.mod
-rw-rw-r-- 1 wy1z 17234 Jan 14 19:11 tm741.mod
-rw-rw-r-- 1 wy1z 4637 Jan 14 19:11 tm741732.mod
-rw-rw-r-- 1 wy1z 3048 Jan 14 19:11 tm742.mod
-rw-rw-r-- 1 wy1z 2723 Jan 16 00:57 tm941a-2.mod
-rw-rw-r-- 1 wy1z 4490 Jan 14 19:11 tm941a.mod
-rw-rw-r-- 1 wy1z 1191 Jan 15 23:54 tr7625.fix
-rw-rw-r-- 1 wy1z 1588 Jan 14 19:11 ts140.fix
-rw-rw-r-- 1 wy1z 547 Jan 14 19:11 ts140.mod
-rw-rw-r-- 1 wy1z 9607 Jan 14 19:11 ts180.fix
-rw-rw-r-- 1 wy1z 3439 Jan 14 19:11 ts2400.fix
-rw-rw-r-- 1 wy1z 2969 Jan 14 19:11 ts25-45at.mod
-rw-rw-r-- 1 wy1z 827 Jan 14 19:11 ts430-2.mod
-rw-rw-r-- 1 wy1z 796 Jan 14 19:11 ts430.mod
-rw-rw-r-- 1 wy1z 6155 Jan 14 19:11 ts430s.fix
-rw-rw-r-- 1 wy1z 1355 Jan 14 19:11 ts440-1.mod
-rw-rw-r-- 1 wy1z 954 Jan 14 19:11 ts440-at.mod
-rw-rw-r-- 1 wy1z 2101 Jan 14 19:11 ts440.fix
-rw-rw-r-- 1 wy1z 1543 Jan 14 19:11 ts440.mod
-rw-rw-r-- 1 wy1z 4149 Jan 14 19:11 ts450-690.mod
-rw-rw-r-- 1 wy1z 4689 Jan 16 00:57 ts450s.mod
-rw-rw-r-- 1 wy1z 4268 Jan 14 19:11 ts50.mod
-rw-rw-r-- 1 wy1z 6731 Jan 14 19:11 ts520.fix
-rw-rw-r-- 1 wy1z 1428 Jan 14 19:11 ts530.mod
-rw-rw-r-- 1 wy1z 2848 Jan 14 19:11 ts680-2.mod
-rw-rw-r-- 1 wy1z 500 Jan 14 19:11 ts680.mod
-rw-rw-r-- 1 wy1z 4689 Jan 16 00:57 ts690s.mod
-rw-rw-r-- 1 wy1z 120 Jan 14 19:11 ts711.mod
-rw-rw-r-- 1 wy1z 4923 Jan 14 19:11 ts790a.mod
-rw-rw-r-- 1 wy1z 7811 Jan 14 19:11 ts820.fix
-rw-rw-r-- 1 wy1z 5451 Jan 14 19:11 ts820.mod
-rw-rw-r-- 1 wy1z 3308 Jan 14 19:11 ts830.fix
-rw-rw-r-- 1 wy1z 12088 Jan 16 00:57 ts850-1.mod
-rw-rw-r-- 1 wy1z 9086 Jan 16 00:57 ts850-2.mod
-rw-rw-r-- 1 wy1z 20923 Jan 14 19:11 ts850s.mod
-rw-rw-r-- 1 wy1z 8064 Jan 14 19:11 ts930.fix
-rw-rw-r-- 1 wy1z 6778 Jan 14 19:11 ts930.mod
-rw-rw-r-- 1 wy1z 3658 Jan 14 19:11 ts940.fix
-rw-rw-r-- 1 wy1z 2396 Jan 14 19:11 ts940ibm.mod
```

```
-rw-rw-r-- 1 wy1z 1060 Jan 15 23:54 tw-4000.mod

mfj:
total 4
-rw-rw-r-- 1 wy1z 3265 Jan 15 23:53 tnc2a.mod

micor:
total 30
-rw-rw-r-- 1 wy1z 8877 Jan 16 01:17 micordup.mod
-rw-rw-r-- 1 wy1z 11843 Jan 16 01:17 micoruhf.mod
-rw-rw-r-- 1 wy1z 8258 Jan 16 01:17 micorvhf.mod

misc-packet:
total 6
-rw-rw-r-- 1 wy1z 1061 Jan 15 23:47 56kbfix.mod
-rw-rw-r-- 1 wy1z 1551 Jan 15 23:53 tc2duplx.mod
-rw-rw-r-- 1 wy1z 1558 Jan 15 23:53 tnc2.mod

misc-radio:
total 8
-rw-rw-r-- 1 wy1z 2777 Jan 15 23:48 allband.mod
-rw-rw-r-- 1 wy1z 4771 Jan 15 23:51 radio.mod

motorola:
total 12
-rw-rw-r-- 1 wy1z 5585 Jan 15 23:50 maxtrac.mod
-rw-rw-r-- 1 wy1z 6060 Jan 15 23:51 mitrek.mod

paccomm:
total 2
-rw-rw-r-- 1 wy1z 1397 Jan 15 23:53 tiny2tnc.mod

ramsey:
total 7
-rw-rw-r-- 1 wy1z 1069 Jan 15 23:49 fx146.mod
-rw-rw-r-- 1 wy1z 323 Jan 15 23:51 pa20.mod
-rw-rw-r-- 1 wy1z 1376 Jan 15 23:52 ramsey.mod
-rw-rw-r-- 1 wy1z 1410 Jan 15 23:52 ramseyfx.mod

ranger:
total 5
-rw-rw-r-- 1 wy1z 4386 Jan 15 23:52 rci-2950.mod

sony:
total 0

standard:
total 30
-rw-rw-r-- 1 wy1z 9899 Jan 14 19:12 c528.mod
-rw-rw-r-- 1 wy1z 4624 Jan 14 19:12 c558-1.mod
-rw-rw-r-- 1 wy1z 4132 Jan 14 19:12 c558.mod
-rw-rw-r-- 1 wy1z 9281 Jan 14 19:12 c5608da.mod
```

```
tandy:
total 75
-rw-rw-r-- 1 wy1z 2830 Jan 15 23:11 dx-390.mod
-rw-rw-r-- 1 wy1z 6871 Jan 15 23:49 htx101.mod
-rw-rw-r-- 1 wy1z 5044 Jan 14 19:09 pro2004.mod
-rw-rw-r-- 1 wy1z 2544 Jan 14 19:09 pro2005.mod
-rw-rw-r-- 1 wy1z 2896 Jan 14 19:09 pro2006.mod
-rw-rw-r-- 1 wy1z 4693 Jan 14 19:09 pro2020.mod
-rw-rw-r-- 1 wy1z 3335 Jan 14 19:09 pro2021.mod
-rw-rw-r-- 1 wy1z 2426 Jan 14 19:09 pro2022.mod
-rw-rw-r-- 1 wy1z 1602 Jan 14 19:09 pro2026.mod
-rw-rw-r-- 1 wy1z 1201 Jan 14 19:09 pro34.mod
-rw-rw-r-- 1 wy1z 17902 Jan 14 19:09 pro37.mod
-rw-rw-r-- 1 wy1z 5295 Jan 14 19:09 pro38.mod
-rw-rw-r-- 1 wy1z 3297 Jan 14 19:09 pro39.mod
-rw-rw-r-- 1 wy1z 2613 Jan 14 19:09 pro43-1.mod
-rw-rw-r-- 1 wy1z 2248 Jan 14 19:09 pro43-2.mod
-rw-rw-r-- 1 wy1z 895 Jan 14 19:09 pro43.mod
-rw-rw-r-- 1 wy1z 2684 Jan 15 23:52 rs-freq.mod

tapr:
total 12
-rw-rw-r-- 1 wy1z 11615 Jan 15 23:52 tapr9600.mod

yaesu:
total 215
-rw-rw-r-- 1 wy1z 1203 Jan 14 19:07 ft1000.mod
-rw-rw-r-- 1 wy1z 2581 Jan 14 19:07 ft101e.mod
-rw-rw-r-- 1 wy1z 1007 Jan 14 19:07 ft209rh.mod
-rw-rw-r-- 1 wy1z 1314 Jan 14 19:07 ft212rh.mod
-rw-rw-r-- 1 wy1z 2623 Jan 14 19:07 ft2200.mod
-rw-rw-r-- 1 wy1z 5240 Jan 14 19:07 ft23-33-73.mod
-rw-rw-r-- 1 wy1z 4711 Jan 14 19:07 ft23-73-211.mod
-rw-rw-r-- 1 wy1z 758 Jan 14 19:07 ft23r.mod
-rw-rw-r-- 1 wy1z 1106 Jan 14 19:07 ft2400-1.mod
-rw-rw-r-- 1 wy1z 942 Jan 14 19:07 ft2400.mod
-rw-rw-r-- 1 wy1z 2615 Jan 14 19:07 ft290.mod
-rw-rw-r-- 1 wy1z 6034 Jan 14 19:07 ft290r.mod
-rw-rw-r-- 1 wy1z 8103 Jan 14 19:07 ft411-1.mod
-rw-rw-r-- 1 wy1z 1026 Jan 16 00:56 ft411-2.mod
-rw-rw-r-- 1 wy1z 4698 Jan 14 19:07 ft411.mod
-rw-rw-r-- 1 wy1z 1641 Jan 14 19:07 ft415-815.mod
-rw-rw-r-- 1 wy1z 37144 Jan 14 19:07 ft470-1.mod
-rw-rw-r-- 1 wy1z 9942 Jan 16 00:56 ft470-2.mod
-rw-rw-r-- 1 wy1z 1951 Jan 16 00:56 ft470-3.mod
-rw-rw-r-- 1 wy1z 27000 Jan 14 19:07 ft470.mod
-rw-rw-r-- 1 wy1z 1195 Jan 16 00:56 ft4700.mod
-rw-rw-r-- 1 wy1z 1611 Jan 14 19:07 ft5100-1.mod
-rw-rw-r-- 1 wy1z 17382 Jan 14 19:07 ft5100-2.mod
-rw-rw-r-- 1 wy1z 2985 Jan 14 19:07 ft5100.int
-rw-rw-r-- 1 wy1z 2700 Jan 14 19:07 ft5100.mod
-rw-rw-r-- 1 wy1z 5079 Jan 14 19:07 ft5200.mod
```

```
-rw-rw-r-- 1 wy1z 2272 Jan 14 14:34 ft530.1
-rw-rw-r-- 1 wy1z 1260 Jan 14 14:34 ft530.2
-rw-rw-r-- 1 wy1z 2458 Jan 14 14:34 ft530.3
-rw-rw-r-- 1 wy1z 2435 Jan 14 14:34 ft530.4
-rw-rw-r-- 1 wy1z 10778 Jan 14 19:07 ft530.mod
-rw-rw-r-- 1 wy1z 999 Jan 14 19:07 ft650.mod
-rw-rw-r-- 1 wy1z 1131 Jan 14 19:07 ft726r.mod
-rw-rw-r-- 1 wy1z 2443 Jan 14 19:07 ft727cat.mod
-rw-rw-r-- 1 wy1z 1045 Jan 14 19:07 ft727r.mod
-rw-rw-r-- 1 wy1z 1735 Jan 14 19:07 ft736r.mod
-rw-rw-r-- 1 wy1z 1386 Jan 14 19:07 ft747.mod
-rw-rw-r-- 1 wy1z 1188 Jan 14 19:07 ft747gx.mod
-rw-rw-r-- 1 wy1z 1091 Jan 14 19:07 ft757.mod
-rw-rw-r-- 1 wy1z 1158 Jan 14 19:07 ft757gx.mod
-rw-rw-r-- 1 wy1z 1423 Jan 14 19:07 ft767gx.mod
-rw-rw-r-- 1 wy1z 1710 Jan 14 19:07 ft890-1.mod
-rw-rw-r-- 1 wy1z 1537 Jan 14 19:07 ft890.mod
-rw-rw-r-- 1 wy1z 1188 Jan 14 19:07 ft990-1.mod
-rw-rw-r-- 1 wy1z 1203 Jan 14 19:07 ft990-2.mod
-rw-rw-r-- 1 wy1z 2616 Jan 14 19:07 ft990-3.mod
-rw-rw-r-- 1 wy1z 1138 Jan 14 19:07 ft990.mod
--
================================================================================
| Scott Ehrlich Internet: wy1z@neu.edu BITNET: wy1z@NUHUB |
| Amateur Radio: wy1z AX.25: wy1z@k1ugm.ma.usa.na |
|------------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - world.std.com pub/hamradio |
================================================================================
```

380. Controller prog for FRG-9600 available

Newsgroup: rec.radio.scanner
Date: 1994-01-16 12:35:23 UTC
From: asirene@ntuvax.ntu.ac.sg
Message-ID: <1994Jan16.203523.1@ntuvax.ntu.ac.sg>
Source record: 277687

Hi,

Anyone intersted in a controller program for FRG-9600 (and FRG-965) which will run in the background and includes a very
simple but enhanced serial interface circuit, e-mail me.

73 de 9VG Daniel

381. tracking cell phone

Newsgroup: rec.radio.scanner
Date: 1994-01-16 14:34:33 UTC
From: asirene@ntuvax.ntu.ac.sg
Message-ID: <1994Jan16.223433.1@ntuvax.ntu.ac.sg>
Source record: 277688

Hi,

I've been following cell phone for some time and noticed
that every once in a while, the connection will change frequency. I
suppose this is to defeat listeners trying to follow the conversation
or that the user has moved to a new cell. My question is, is there
a way to track either of these situations? When the frequency is
changed, is there a pattern to it? Does it change to another freq
in the same range or ....? Tks. Very curious.

73 de 9VG Daniel

382. Re: NJ State Police Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-16 16:52:21 UTC
From: <>
Message-ID: <CJqEvA.9B4@walter.bellcore.com>
Source record: 277728

7schlitt_s@spcvxb.spc.edu asks:
>> I was wondering if anybody knows the frequencies used by the
>> New Jersey State Police for the Newark and Totowa barracks.

These are the ones I use. They seem to cover Totowa mostly.
I can't remeber where I got them (Steven Jackson?).

0856.4625 nj state police / north / troop b / trunked
0856.9625 nj state police / north / troop b / trunked
0857.4625 nj state police / north / troop b / trunked
0857.9625 nj state police / north / troop b / trunked
0858.4625 nj state police / north / troop b / trunked
0858.9625 nj state police / north / troop b / trunked
0859.4625 nj state police / north / troop b / trunked
0859.9625 nj state police / north / troop b / trunked
0860.4625 nj state police / north / troop b / trunked
0860.9625 nj state police / north / troop b / trunked

A '2006 follows the trunking jumps just fine (usually the system
seems lightly loaded). They must also have a healthy repeater
as I hear calls from pretty far away from time to time.

BTW, anyone know what freqs the Netcong barracks uses? I only
hear "radio check" replys from Totowa on this set of frequencies.

Chase Cotton
cotton@thumper.bellcore.com

383. numbers for grove and ant. spec.

Newsgroup: rec.radio.scanner
Date: 1994-01-16 18:32:32 UTC
From: achern@wam.umd.edu
Message-ID: <2hc181$l6t@cville-srv.wam.umd.edu>
Source record: 277689

someone please post the numbers for ordering catalogues from
grove and antenna specialist. thanks in advance.

-alex

384. Air freqs (air phones)

Newsgroup: rec.radio.scanner
Date: 1994-01-16 18:52:02 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758758636.AA05785@rochgte.fidonet.org>
Source record: 277694

> From: hannan@novax.llnl.gov
> Organization: Lawrence Livermore National Laboratory, NCD

>> Another question, is it possible to recieve the air phones that company
jet
>> use and if so the what are their frequencies.
>> thanks

> Yes, they are in the civil aircraft band and are FM instead of AM.

I think we are talking about two different things here and the above
response is wrong no matter which one it is.

ALL aircraft related transmissions in the "civil aviation band" are FM,
regardless of usage.

If we're talking about airphones, they are in the 800 MHz band and use SSB
or ACSB mode.

385. 8ch/sec -> 100ch/sec

Newsgroup: rec.radio.scanner
Date: 1994-01-16 18:56:03 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758758636.AA05786@rochgte.fidonet.org>
Source record: 277693

> From: camter28@astro.ocis.temple.edu (-=FOOBARF=-)
> Organization: Temple University

> is 4 something, not 7, But I got 10 to work, anyone think a flip

Beware of overheating the CPU. They are REALLY expensive to replace
(meaning you might as well buy another scanner).

386. Re: tracking cell phone

Newsgroup: rec.radio.scanner
Date: 1994-01-16 19:39:23 UTC
From: rchalk@nyx10.cs.du.edu
Message-ID: <1994Jan16.193923.28867@mnemosyne.cs.du.edu>
Source record: 277690

asirene@ntuvax.ntu.ac.sg writes:

>Hi,

> I've been following cell phone for some time and noticed
>that every once in a while, the connection will change frequency. I
>suppose this is to defeat listeners trying to follow the conversation
>or that the user has moved to a new cell. My question is, is there
>a way to track either of these situations? When the frequency is
>changed, is there a pattern to it? Does it change to another freq
>in the same range or ....? Tks. Very curious.

>73 de 9VG Daniel

This usually happens when moving to an adjacent cell, and the frequency is selected by the computer controlling the system. It is possible to decode the digital burst which occurs just before the change, and build a receiver which "mimics" the phone, but you need the electronic ID of the phone. Boxes which do this are (illegally) sold, and are available to law-enforcement agencies legally, for use under a wiretap warrent.

Richard

387. Re: Can Scanners Receive TV stations?

Newsgroup: rec.radio.scanner
Date: 1994-01-16 21:03:38 UTC
From: henke@grumpy.ssc.gov
Message-ID: <HENKE.94Jan16150338@grumpy.ssc.gov>
Source record: 277691

In article <edgrantCJp2J5.C5t@netcom.com> edgrant@netcom.com (Edward L. Grant Jr) writes:

>Can scanners receive TV stations?

It depends on the scanner. To receive TV, the scanner must cover the correct frequencies (listed below). Also, if you want decent sound quality, your scanner must have a wide-band FM mode. (I use an Icom IC2SRA, and it works fine for TV audio.)

> If they can, could you give me the frequencies that they are found on.

Yes. Here are the frequencies for the United States; I don't know about other countries, save that many use a different allocation.

All are wide-band FM. All are in MHz.

59.75 TV-2
65.75 TV-3
71.75 TV-4
81.75 TV-5
87.75 TV-6
179.750 TV-7
6.000 MHz spacing for TV-7 through TV-13
215.750 TV-13
475.750 TV-14
6.000 MHz spacing for TV-14 through TV-69
805.750 TV-69

This is from the 1993 Police Call, which cites "FCC records and other sources."

388. PRO-46 mods for cellular?

Newsgroup: rec.radio.scanner
Date: 1994-01-16 22:50:16 UTC
From: sillett@edc3.gsph.pitt.edu
Message-ID: <12109@blue.cis.pitt.edu>
Source record: 277692

Are there any mods to restore cellular coverage to the Radio Shack
PRO-46 scanner? I see in the Sunday paper that it's on sale this week
and am thinking of picking one up, provided it can receive cellular.

Thanks.

--- Bob

Bob Sillett, N3OEA
Systems Analyst, Certified NetWare Engineer
Epidemiology Data Center, University of Pittsburgh
sillett@edc3.gsph.pitt.edu

389. comments on Grove FCC database

Newsgroup: rec.radio.scanner
Date: 1994-01-16 23:21:43 UTC
From: ah301@yfn.ysu.edu
Message-ID: <ah301-160194192635@129.228.248.117>
Source record: 277696
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Is the $50 FCC database on disk from Grove any good ? is it up-to-date ?
can I use it on a macintosh ?

please email responses if possible.
thanks in advance

jerry

390. 4 Sale: PRO-46 w/ cellular mod

Newsgroup: rec.radio.scanner
Date: 1994-01-17 00:07:37 UTC
From: rake@kuhub.cc.ukans.edu
Message-ID: <1994Jan16.180737.57275@kuhub.cc.ukans.edu>
Source record: 277695

I've got a PRO-46 scanner that I'd like to sell for
around $220. Coverage of the cellular frequencies has
been restored to this hand-held scanner. A local electronics
repair shop did the modification for me, and they did a nice
clean job.
Send me some e-mail if you're interested.

-Derek Shirk

391. Why is intercom interfering w/cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-01-17 01:45:22 UTC
From: sjaves@mason1.gmu.edu
Message-ID: <2hcqji$gj3@portal.gmu.edu>
Source record: 277697

Could someone explain why a 230kHz +/- 2kHz FM intercom which uses house wiring apparently receives and transmits to a cordless phone in another building? It has happened on occassion. It is a Radio Shack intercom.

Thanks!

392. Re: PennDOT frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-01-17 03:41:15 UTC
From: dans@rehab1.UUCP
Message-ID: <952@rehab1.UUCP>
Source record: 277748
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <94011.163032DCS4@psuvm.psu.edu> DCS4@psuvm.psu.edu (Dave Shaffer) writes:
>Anyone have a definitive answer on frequencies used by the
>Pennsylvania Department of Transportation (PennDOT)?
>
>I've checked a couple of different sources and come up with
>a dozen different answers. Theories included having the state
>frequenmcies varied by east/west or by engineering district,
>as well as by county.
>
>I asked my contact at a local PennDOT office who at first fired
>off a list of three frequencies, but then added "I think these
>might have been changed recently, I'm not sure...."
>
>All of the answers so far have been in the mid-47 MHZ range.
>The most popular answers are 47.14, 47.30, and 47.38...
>
>Anybody know for sure? - Dave

These look correct for my area (Reading). However im curious to receive
a copy of anything you may find out.

-Dan
--
Reading Rehabilitation Hospital |\ /| Host of "Motor Racing
Dan Schein - Information Systems 'O.O' Review", seen on 4 cable
RD 1 Box 250 =(___)= systems in Pennsylvania.
Reading, PA 19607 U -=[rehab1!dans@canal.org]=-

393. Re: Mods for PRO-34 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-01-17 03:50:34 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCJr9CB.FFx@netcom.com>
Source record: 277698

In article <edgrantCJp351.74o@netcom.com> edgrant@netcom.com (Edward L. Grant Jr) writes:
> Could someone post the mods for the Radio Shack PRO-34 Scanner? Thanks.
>--
>* --*
>* Edward L. Grant Jr. E-Mail: edgrant@netcom.com *
>* Panorama City, Calif. USA (818) 785-3512 *
>* --*

To help save bandwidth, please feel free to check the mods archive on the
World, world.std.com, pub/hamradio/mods/tandy

Scott

--
==
| Scott Ehrlich Internet: wy1z@neu.edu BITNET: wy1z@NUHUB |
Amateur Radio: wy1z AX.25: wy1z@k1ugm.ma.usa.na
Maintainer of the Boston Amateur Radio Club hamradio FTP area on
the World - world.std.com pub/hamradio
==

394. Request for PRO-46 info

Newsgroup: rec.radio.scanner
Date: 1994-01-17 04:28:23 UTC
From: herren@fnalo.fnal.gov
Message-ID: <1994Jan16.222823.1@fnalo.fnal.gov>
Source record: 277699

Hello!

Sorry if I'm beating a dead horse one more time...
Can anyone tell me who manufactures the PRO-46 for Radio Shack?
Has a review (ala Bob Parnass) or any mods ever been posted here?
I'm considering one as a replacement for an old PRO-30, so any
comments regarding quality would be greatly appreciated.
Thanks!

mwh
--
==========
Michael W. Herren
Fermi National Accelerator Laboratory
Batavia, IL
Internet: herren@FNALV.FNAL.GOV
I have no desire to speak for FNAL.

395. Re: Discone

Newsgroup: rec.radio.scanner
Date: 1994-01-17 07:20:23 UTC
From: vector@hotcity.COM
Message-ID: <vector.427d@hotcity.COM>
Source record: 277701

the RS discones are trash. i have an icom AH7000 in my apartment and it runs circles around all other wideband antennas i have ever used. great for 800MHz too. i heard the other great discones are diamond's discone and i hear that grove's isn't too bad. the RS discone has no vertical radiator / element which makes reception of everything below 120MHz almost non-existant.

greg

vector@hotcity.com

396. Re: POLICE CALL "WE DON'T HAVE THEM YET"

Newsgroup: rec.radio.scanner
Date: 1994-01-17 07:53:05 UTC
From: linley@netcom.com
Message-ID: <linleyCJrKKI.LxH@netcom.com>
Source record: 277702
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In ye olden post schuster@panix.com (Michael Schuster) spake...
>In article <CJqxDx.DsE@zeno.fit.edu>,
>Marshal Perlman [ARCS] <perlman@zeno.fit.edu> wrote:
>>
>>I went today and asked for the 94 Police Call, and the looser says:
>>
>>"We don't have them yet, and no, I don't know when we'll get them in..."
>
>Mine said:
>
>"No, we don't sell radios you can call the police with".

Sure they do. They're called cellular phones! :) :) :)

--
Bruce James Robert Linley | ___________, ,-----/^\-----. | "We can make safer
>>> linley@netcom.com <<< | _NCC-1701_) `-..--_/-----' | guns... and...
------------------------- | ______//_ | safer bullets."
Endut! Hoch Hech! | (___________) | - Joycelyn Elders

397. noaa weather radio

Newsgroup: rec.radio.scanner
Date: 1994-01-17 12:53:39 UTC
From: rshapiro@bbn.com
Message-ID: <RSHAPIRO.94Jan17125339@kariba.bbn.com>
Source record: 277704
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Thanks for all recommendations. LL Bean is out of stock, and the smallest of the Radio Shack weather radios seemed like a reasonable deal at $20, so I went with that. Reception is fine (two frequencies clearly audible here) and it's small enough to carry around easily in a pocket. It doesn't look as rugged as the Bean model, but should be fine for home & office use.

rs

398. Re: Frequency Request: Mass

Newsgroup: rec.radio.scanner
Date: 1994-01-17 13:30:31 UTC
From: b_cobb@hannah.enet.dec.com
Message-ID: <2he3tn$18h@sousa.ako.dec.com>
Source record: 277706

Well a complete list of Massachusetts Frequencies would be too much
to publish here! A EXCELLENT reference for Massachusetts frequencies
would be the SCANNER MASTER Communication Guide, 5th edition. This
book is newly published and has a wealth of info on all aspects of
Massachusetts communications systems. You can call:

SCANNER MASTER - 1-800-722-6701

to order a copy. They are based in Mass and have an excellent ship time.

For Sudbury, Here are some of the more popular Public Service freq's:

Police 867.9125
Fire 33.980 (Southern Middlesex Fire Network)
Fire 33.740 (Fireground, furure primary fire channel)
Highway 156.195
Parks 154.115

--
Name: Bill Cobb
E-Mail: cobb@hannah.enet.dec.com
Phone: 508.635.8458
Address: MS DSG1-2/E6
Digital Equipment Corporation
4 Technology Park Drive
Westford, MA 01886

399. Re: Air freqs (air phones)

Newsgroup: rec.radio.scanner
Date: 1994-01-17 17:10:40 UTC
From: reece@eco.twg.com
Message-ID: <2hegqg$6k7@scoop.eco.twg.com>
Source record: 277703

In article <758758636.AA05785@rochgte.fidonet.org>,
David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:
|> ALL aircraft related transmissions in the "civil aviation band" are FM,
|>regardless of usage.

Gee... I guess I'd best go out and get all those AM transceivers in my
club's airplanes changed out.

All transmissions in the 108-136 MHz band are Amplitude Modulated (AM).
VORs are also use a phase encoding technique on top of AM.

400. Numbers Stations: ENIGMA Newsletter 4 is available

Newsgroup: rec.radio.scanner
Date: 1994-01-17 17:38:31 UTC
From: Mike Chace <mikec@praxis.co.uk>
Message-ID: <12775.9401171738@cantor.praxis.co.uk>
Source record: 277757
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

Achtung! Achtung!

Announcing Issue 4 of ENIGMA
============================

ENIGMA is the newsletter of the European Numbers Information Group
and Monitoring Association and is essential reading for anyone
interested in the so-called "numbers stations" prevalent on shortwave
radio.

Issue 4 is packed with news and features about the numbers station
scene including:

* 8 pages of up-to-date station news
* Detailed Station Features on:

- "The Three Note Oddity"
- "Single Letter Beacons"
- "The Counting Stations"

* Latest transmission schedules
* Latest frequency information

The ENIGMA Newsletter is free of charge from the author:

Chris Midgley
195 Roberttown Lane
Roberttown
Liversedge
West Yorkshire
WF15 7LE
United Kingdom

Please enclose return postage if in the UK or sufficient IRCs
(International Reply Coupons) or a small donation to cover costs if
you are outside the UK. Please note that ENIGMA is not yet available
electronically. Please do not send any envelopes with your letter
(ENIGMA tends to change paper size often!).

Back issues of ENIGMA Newsletters 1, 2 and 3 are also available.

Requests for Information
========================

We are also requesting information on the following topics for
inclusion in ENIGMA No.5:

- your numbers station logs
- information about the "Foghorn" on 4625kHz
- reports and information concerning the German Gov't station DEA47

ENIGMA has contributors and monitors throughout the world - not just Europe - and we are always interested in numbers stations activity in other countries. Please send your reports by post to Chris at the address above or to me via Internet e-mail (mikec@praxis.co.uk).

Ende!
Ende!

401. Re: Can Scanners Receive TV stations?

Newsgroup: rec.radio.scanner
Date: 1994-01-17 18:52:26 UTC
From: c002@ns1.cc.lehigh.edu
Message-ID: <1994Jan17.185226.66875@ns1.cc.lehigh.edu>
Source record: 277709

In article <edgrantCJp2J5.C5t@netcom.com>, edgrant@netcom.com (Edward L. Grant J
r) writes:
> Can scanners receive TV stations. If they can, could you give me the
>frequencies that they are found on.
>
> Thanks
>--
well..some scanners might get it..i know my PRO-2006 can't get all of
them..but here they are!:
VHF

2-- 59.75
3-- 65.75
4-- 71.75
5-- 81.75
6-- 87.75

UHF

14-- 475.750
15-- 481.750
and all the way up to
60-- 805.750
is MHz spaceing....

David

--

:)**(:
** ** The Flying HAm **
** David Roseman ** c002@lehigh.edu **
** ** **
** Cole's Law: ** Les Boules Qui Roules **
** Thinly sliced Cabbage ** Tout Les Poules!! **

402. Anyone got first hand report from scanner of LA quake?

Newsgroup: rec.radio.scanner
Date: 1994-01-17 18:54:10 UTC
From: cheangk@staff.tc.umn.edu
Message-ID: <chea0009.758832850@gold>
Source record: 277705

Subject says it all, I hope you friends and family over there are okay.

--
With best regards. | PITT CHEANG ~{V#8U=!~}
| University of Minnesota
|
| cheangk@staff.tc.umn.edu

403. Ontario, Canada Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-17 19:45:55 UTC
From: wai@iai.mv.com
Message-ID: <758835955snx@iai.mv.com>
Source record: 277710

Can somebody post the frequencies used by the Algonquin Provincial Park officials (ie park rangers, etc)?

Thanks in advance.

Wai Hom - WB3BHT Imaging Automation, Inc.
wai@iai.mv.com (603) 598-3400
FAX: (603) 598-3422

404. Grove 800 number

Newsgroup: rec.radio.scanner
Date: 1994-01-17 19:51:14 UTC
From: lmctrle@LMC.Ericsson.SE
Message-ID: <1994Jan17.195114.1785@exu.ericsson.se>
Source record: 277707
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Anyone has the Grove 800 number, please email it to me. I would like to obtain their catalogue and subscribe to their magazine, Monitoring Times.

Thanks in advance,

/Trien

405. Re: CellPhones "imaging" to 2 meters?!

Newsgroup: rec.radio.scanner
Date: 1994-01-17 20:00:33 UTC
From: billp@voyager.chm.clarkson.edu
Message-ID: <1994Jan17.200033.19783@news.clarkson.edu>
Source record: 277708

From article <2h7oki$qi6@sol.ctr.columbia.edu>, by miweber@apollo:
> Aaack! All of a sudden, the 2-meter ham band (144-148Mhz) seems
> jammed with cellular phone conversations! Has my trusty Yupiteru
> MVT-7000 died? These strange signals are accompanied by a high-pitched
> tone, and uncharacteristically have both sides of the conversations.
> Help! I've read some books on imaging and other scanner quirks, but
> I can't for the life of me figure out why something that should be
> up in 875Mhz band is now in my 146Mhz band, single-freq full duplex.

Maybe a local ham club has just hooked up a phone patch to their 2m
repeater in your area. Most of them do.

-billp

406. discone antennas?

Newsgroup: rec.radio.scanner
Date: 1994-01-17 20:38:30 UTC
From: achern@wam.umd.edu
Message-ID: <2het06$dlt@cville-srv.wam.umd.edu>
Source record: 277711

What are 'discone' antennas used for? What are they're advantages and disadvantages? Thanks.

Alex

407. Re: Discone

Newsgroup: rec.radio.scanner
Date: 1994-01-17 21:23:25 UTC
From: tardis@atd.mke.ab.com
Message-ID: <2hevkdINNctq@scarecrow.mke.ab.com>
Source record: 277712

In article AA05578@rochgte.fidonet.org, David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:
> > I want to buy a discone antenna. Which of these three are the best:
> > ICOM AH-7000, Radio Shack, or the Grove discone? Is there a discone
> > out there better than one of these three?
>
> The AH-7000 is the most expensive of the bunch. Grove sells the Diamond
> D-130J discone, which is the best discone in its price range (at least as good
> as the Icom but cheaper). The Radio Shack discone lacks the separate vertical
> element for acceptable VHF low band reception. Depending on sale prices, you
> may be able to get by with the Shack's antenna if you add one of their
> standard CB mobile whips to it. However, I believe the Icom and Diamond
> discones are made of more sturdy material. Maybe someone can jog my memory on
> that score.
>

the radio shack is made of stainless. i've had mine mounted 10 feet above the top of my chimney since mid '89 with no problems here in wisconsin where the temperature tonite will hit -20F with wind chill of -65F. i find it to work fine for me on vhf low band. use it for ham work also, does great for packet and fm voice. take your catalog coupon in and try it, 30 day return policy in store. <<standard disclaimer should be here>>.

bob

408. "UNLOCK FULL 800 COVERAGE"

Newsgroup: rec.radio.scanner
Date: 1994-01-17 22:53:02 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758867604.AA05925@rochgte.fidonet.org>
Source record: 277715

> From: jmm5h@Virginia.EDU (Jason M. Michaels)
> Organization: University of Virginia

> new 800 MHz restoration service for your factory blocked
> scanner. Warranty and service plan protection, Same day
> sevice, free UPS return shipping Unconditional satisfaction
> guarantee (refun and relock) $40.00".

Sounds like a nice deal for people who don't own screwdrivers or wire
cutters. Otherwise, it's a ripoff.

==========
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

409. CellPhones "imaging" to 2 meters?!

Newsgroup: rec.radio.scanner
Date: 1994-01-17 22:55:03 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758867604.AA05926@rochgte.fidonet.org>
Source record: 277716

> From: miweber@apollo
> Organization: Davidson College, Davidson, NC

> I can't for the life of me figure out why something that should be
> up in 875Mhz band is now in my 146Mhz band, single-freq full duplex.

It's probably something that should be in the 152 MHz band, or maybe the
454 MHz band. Have you noted which 2 meter freqs have these transmissions on
them?

410. pagers phooey!

Newsgroup: rec.radio.scanner
Date: 1994-01-17 22:55:04 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758867604.AA05927@rochgte.fidonet.org>
Source record: 277717

> From: linley@netcom.com (Bruce James Robert Linley)
> Organization: UCLA Alumni, B.S. Computer Science & Engineering

> strong signal (Anyone hate pager signals as much as I do?), is

We should start a Pager Haters club. :-)

411. vhf weather radio

Newsgroup: rec.radio.scanner
Date: 1994-01-17 22:58:05 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758867604.AA05928@rochgte.fidonet.org>
Source record: 277718

> From: rshapiro@bbn.com (Richard Shapiro)
> Organization: BBN, Cambridge MA

> I'd like to get one of those little "weather radios" that's pretuned
> to the vhf NOAA frequency. Who sells these? How much are they? If
> Radio Shack carries them - is their brand decent? Are there any
> particular features to look for on radios like this or are all models
> pretty much the same?

Radio Shack's are OK. I have had one for several years and it works fine.
Be sure to get one with the Alert feature.

412. STANDARD CCR708A Info/opinions wanted.

Newsgroup: rec.radio.scanner
Date: 1994-01-17 23:30:10 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <CJsryA.1C1B@yuma.ACNS.ColoState.EDU>
Source record: 277729
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment,sci.electronics

Well, I tried the Ace AR2500 and was sadly disappointed. I'm primarily
interested in RF spectrum analysis but not as extensive as FFT's and such.

The Standard CCR708A looks like an interesting receiver/spectral display
that would satisfy my current needs.
Has anyone out there bought one?
How good is the display/resolution/dynamic range/overall quality?
Is it worth the money?

I've called Std. and they're sending me info, but I'd like to hear reality.

Short spec list:
50-905 MHz, am/fm/wfm, 100 ch mem, direct freq entry,
spectral display, sugg. list $750.

Post 'em if ya got 'em,
Galen, KF0YJ

413. Re: New Jersey State Police freqs

Newsgroup: rec.radio.scanner
Date: 1994-01-18 02:15:43 UTC
From: jackson@cs.nyu.edu
Message-ID: <2hfgof$jqd@longlast.cs.nyu.edu>
Source record: 277747

Yes, the frequencies listed were correct. However, the sequence is
everything. The frequencies are:

860.4625 859.4625 858.4625 857.4625 856.4625 -and-
860.9625 859.9625 858.9625 857.9625 856.9625

The order listed above is the order in which calls are handled by
the trunking system, provided the next channel in the sequence is
not a) already in use, or b) a control channel. Calls heard on the
856.XXXX entry will be answered on the 860.XXXX (or first available)
entry of the OTHER LIST.

I have been working on identifying the different types of transmissions that
can be heard on the State trunked system. The following is a summary of what
can be heard on these channel groups and do not apply to the other findings
of the other channel groups.

These frequencies seem to be a combination of the Troop B and Troop D barracks.
Troop B handles the non-Turnpike north barracks and Troop D handles the
Turnpike barracks. There are multiple dispatchers that work these channels,
and there does not seem to be any coordination between them. First, the
"Com" dispatchers seem to work three distinct areas of the northern section
of the state. I have monitored calls from "3-Com" (like the Ethernet card),
"4-Com", and "5-Com". The channel groups listed above are split into
subgroups that do not seem to have the ability to hear one another. I have
not been able to truly mark off where one Com dispatcher's zone ends and
another begins. The non-Turnpike units' default East-West roadway is Route
80. They usually specify the route number otherwise.

Then, the Turnpike units that use this channel group all seem to use the
"Newark" dispatcher. You can tell the turnpike units when they give their
locations and use such abbreviations as "NSI", "SNE" and others similar
in style. Also, you'll only hear northbound and southbound directions
from them.

Next worth mentioning is Operations. This seems to be some kind of
Big Brother thing NJSP has going that only talks to dispatchers. They
seem to hand over calls that come in from the general public. They also
handle calls between barracks that can't hear each other even though
they unknowingly share the same channel groups! Some design flaw, Motorola.

The next most common dispatcher seems to be REMS (spelling and naming
convention would be appreciated) which handles all communications for
Northstar, which uses these channel groups for current location and
occasional patient reports.

And finally, I heard for the first time when the Giants hosted the Cowboys a dispatcher that went by the name of "Stadium".

Don't get nervous when they "go car to car" or "switch to five", becuase while the troopers can only hear what the control computer decides they can hear, all transmissions sound the same to us. In fact, all too often you'll hear troopers trying to contact a particular location without success since they are on the wrong subgroup.

As a side note, I never monitor any other agencies while monitoring state only because of the trunked nature. I also make sure that 154.680 SPEN 1 is included in the scan in case any interagency coordination is needed when I'll switch to local agencies. You'll recognize SPEN transmissions since most of them end with rapid DTMF tones that sound the same no matter what agency transmits. It's great for those of us that scan by ear.. you can instantly tell when interagency comms are going on just by how the xmission sounds at the end.

For those who don't or can't monitor NJSP but are glad to know that the mysterious call sequence has been cracked, I looked closely at a picture in that Popular Communications article focusing on monitoring NJSP and saw Motorola and System 9000 on the radio in the trooper's car.

Good luck and happy monitoring.

I am looking for digitally recorded (.wav preferred) and uuencoded transmissions from the quake today. I will be visiting there in May and like to sample comms from areas before I get out there so I'm not taken aback by the different style. If anyone can help, please just dump it on me.. don't even ask if I still want it ;-)

Thanks..

Steve

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012

414. Re: Arlington VA Police

Newsgroup: rec.radio.scanner
Date: 1994-01-18 04:15:38 UTC
From: awp6f@poe.acc.Virginia.EDU
Message-ID: <CJt562.8Js@murdoch.acc.Virginia.EDU>
Source record: 277714

For what it's worth, here's what I have for Arlington Co PD:

453.825 Ch1 Dispatch
453.500 Ch2 Car-to-Car
453.275 Ch3 Tactical
453.325 Ch4 Administrative
453.300

The only channels I have ever monitored are 453.825 and
453.500. I have no idea what 1B's frequency is. Good luck!

Andrew Pang

415. Re: Global Alert For All: Jesus is Coming Soon

Newsgroup: rec.radio.scanner
Date: 1994-01-18 04:19:47 UTC
From: "Frank Cusack Jr." <fcusack@psu.edu>
Message-ID: <2hfo13$ot2@genesis.ait.psu.edu>
Source record: 277713

In article <2hfejl$74@orion.cc.andrews.edu> Clarence L. Thomas IV,
clarence@orion.cc.andrews.edu writes:
[...]
> [Destruction, hysteria, violence, etc.]
> are signs that this world's history is coming to a climax. The human
race
> has trampled on God's Constitution, as given in Exodus 20:1-17 (King
James
> Version Bible), and Jesus is coming to set things right. These rapidly
> accelerating signs are an indication that Jesus is coming soon (Matthew
24).
[...]

Ummm.... yeah, thanks for the info.

fcusack@psu.edu

416. Re: tracking cell phone

Newsgroup: rec.radio.scanner
Date: 1994-01-18 06:44:36 UTC
From: pckwong@hkuxb.hku.hk
Message-ID: <CJtC2D.9Gr@hkuxb.hku.hk>
Source record: 277631

asirene@ntuvax.ntu.ac.sg wrote:
: Hi,
:
: I've been following cell phone for some time and noticed
: that every once in a while, the connection will change frequency. I
: suppose this is to defeat listeners trying to follow the conversation
: or that the user has moved to a new cell. My question is, is there
: a way to track either of these situations? When the frequency is
: changed, is there a pattern to it? Does it change to another freq
: in the same range or ....? Tks. Very curious.
:
: 73 de 9VG Daniel
:
Think of a beehive structure & place a repeater on each
corner. As the handset handshaked with the repeater, it
will switch from one 'repeater' to another so as to
maintain an effective conversation. There're some tools
an add-on card for PC or standalone equipment to monitor,
and decode these cellular commands, they can also command
your scanner to change ferequency thro' the RS-232 port.
73.
-Philips Wong, VS6XVI

417. help subscribe

Newsgroup: rec.radio.scanner
Date: 1994-01-18 11:51:05 UTC
From: x93richards5@gw.wmich.edu
Message-ID: <1994Jan18.065105.14001@gw.wmich.edu>
Source record: 277719

```
subscribe richardsjj@oa.frc.com

I need to subscribe as Iam moving from wmich
how can I do this
```

418. Re: Opinions on BC8500XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-18 14:03:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.3299.5773.0N191951@canrem.com>
Source record: 277732

> > I am looking for informed opinions, test results, recommendations, etc.
> > on the Uniden BC8500XLT. It looks like great freq coverage, lots of
> > channels and alpha display at a good price.
> >
> > Thanks,
> >
> > Bob
> >
> > Bob Witte / HP PMO (Colo Springs) / bobw@col.hp.com / KB0CY / (719) 590-
> 3230

> --It's a piece of Uniden junk that should never have been released!
> Barry Felstein using the acct of:
> Brad Steinman, N8ZRP

Now what does this really tell us? Not a whole heck of a lot! What don't you like about it? What features do you think it's lacking? Do you actually have one? Have you even played with one?

The original poster asked for 'informed opinions'. Yours is certainly lacking in content. I feel like a 5th grade school teacher trying to drag an answer out of a student.

Anyways, I'm in the market for a scanner. I'm looking at the 8500 as well. I need CTCSS capability, 200 channels, 800mhz capability (cellphones would be nice but not necessary). Any suggestions. I've currently got a BC760 and BC590.

Cheers,

Steve Jones <steve.jones@canrem.com>
(PGP public key available)

```
!--------------------!---------------------------------------!
!Steve Jones !Amprnet : VE3SDJ@VE3OY.#SCON.ON.CAN.NA !
!General Delivery !Internet: ve3sdj@amiga.ve3sdj.ampr.org !
!Stayner, Ontario ! : steve.jones@canrem.com !
!Canada ! : !
!L0M 1S0 !Phone : (705) 428-5358 !
! ! Fax : (705) 428-5359 !
!--------------------!---------------------------------------!
```

... I'm sorry, I can't hear you. I have a banana in my ear.
* Q-Blue 1.0 [NR] *

419. Yupitero MVT-7100 vs aor 1000

Newsgroup: rec.radio.scanner
Date: 1994-01-18 14:04:59 UTC
From: vhealey@crl.com
Message-ID: <2hgqab$1ou@crl2.crl.com>
Source record: 277721

Have you used and appreciated the AOR1000?
Do you now have a Yupitero MVT-7100?

Please let me know your observations about the Yupi.
vhealey@crl.com

Please no responce from those who had the aor 1000 and did not like it or who have never had one. I do not need a review of either radio. I am interested in only those who truely know the subject.

Thanks in advance

Victor Healey ki4je
vhealey@crl.com

PS Mosnato adding Bovine growth hormone to your milk Feb3, 1994. Bigger things to come. (breasts ?)

Dow: Brings good things to life!

(smile)

420. Re: Global Alert For All: Jesus is Coming Soon

Newsgroup: rec.radio.scanner
Date: 1994-01-18 14:09:24 UTC
From: mgitlitz@world.std.com
Message-ID: <CJtwnq.Jr7@world.std.com>
Source record: 277720

Frank Cusack Jr. (fcusack@psu.edu) wrote:
: Ummm.... yeah, thanks for the info.
But is he coming back with an ICOM????(GR).

421. Re: New Jersey State Police freqs

Newsgroup: rec.radio.scanner
Date: 1994-01-18 14:10:33 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2hgqkp$a0m@slinky.cs.nyu.edu>
Source record: 277723

Next morning adjustments:

In an article I wrote before going to bed last night, I wrote:

|> You can tell the turnpike units when they give their locations and use
|> such abbreviations as "NSI", "SNE" and others similar in style.

Last night, I heard three letter abbreviations used on Route 78. They either ended in "L" or "X" for local and express lanes.

|> Next worth mentioning is Operations. This seems to be some kind of
|> Big Brother thing NJSP has going that only talks to dispatchers.

I did hear Ops converse with a 5-Com car last night.

|> And finally . . .

I didn't mention the fact that you will occasionally hear stations calling units directly, as in "Somerville to 453". For the person asking, I heard Netcong in this fashion.

|> the troopers can only hear what the control computer decides they
|> can hear . . .

based on, of course, how the troopers select what subgroup they are participating with on their radios.

Troop C, central division uses 860-857.2125 and 860-856.7125. Since 856.2125 is actually missing, I am trying to figure out where 857.2125 is handed off to. So far, it looks like 860.7125.

As far as the LA stuff goes, I'm still looking for communication styles and details for LAPD and LAFD, including hot freqs and what to expect to hear.

Thanks..
--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012

422. Re: NJ State Police Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-18 15:29:13 UTC
From: brett@surfpix.Princeton.EDU
Message-ID: <1994Jan18.152913.13080@Princeton.EDU>
Source record: 277664

jmm5h@Virginia.EDU (Jason M. Michaels) wrote:
>7schlitt_s@spcvxb.spc.edu writes:
>>I was wondering if anybody knows the frequencies used by the NJ State
>>Police for the Nwk and Totowa barracks. Any other interesting frequencies in
>> Northern New Jersey would also be greatly appreciated
> According to a recent article in "POP COMM", NJSP is
>using 800MHz TRUNKED systems state-wide. This can present some
>interesting scanner challenges. They are operating 866-869 and
>935-940.

Let's see if I can get this correct...

Troup A, South Jersey: I forget.

Troup C, Central Jersey: 860.7125, 859.7125, 858.7125, 857,7125, 856.7125
860.2125, 859.2125, 858,2125, 857.2125, 867.2125
Troup B, North Jersey: 860.9625-856.9625, 860.4625-856.4625

One should scan the freqs in the order show above. The NJSP systems
use two blocks of five freqs. The transmissions cycle through the block in
high to low order and then switch to the top of the other block.
The control channel typically changes shortly after midnight so one must
lock out the new control channel and unlock the old one.

Also note that the low freq in the xxx.2125 block is not 856.2125. That
freq is replaced with 867.2125. It behaves just like one would expect
856.2125 to behave.

Brett
--
brett@surfpix.princeton.edu Brett Borowski

423. Re: discone antennas?

Newsgroup: rec.radio.scanner
Date: 1994-01-18 15:36:28 UTC
From: bmiller@landesk.intel.com
Message-ID: <2hgvls$ko6@ornews.intel.com>
Source record: 277722

In article <2het06$dlt@cville-srv.wam.umd.edu> achern@wam.umd.edu (Alex Chernyakov) writes:
>What are 'discone' antennas used for? What are they're advantages and
>disadvantages? Thanks.
>
>Alex
>

One disadvantage of discones is that their reception (radiation) pattern has lobes that increase upword with increasing frequency. So at the antenna does not receive or transmit as well on higher frequencies because the lobes are not along the horizon. But keep common sense in perspective here. The antenna is still a good performer for wide band operation.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

424. SALE 3 Motorola P-100s

Newsgroup: rec.radio.scanner
Date: 1994-01-18 16:19:54 UTC
From: "James D. Mason Jr." <jmb2+@andrew.cmu.edu>
Message-ID: <4hD0keu00iV102yn4L@andrew.cmu.edu>
Source record: 277724
Cross-posted to:
misc.emerg-services,misc.forsale,rec.radio.scanner,cmu.student.amateur-radio,rec.radio.shortwave,rec.radio.swap,cmu.cs.market

My organization, Carnegie Mellon University Emergency Medical
Services is selling 3 Motorola P-100s V2 VHF handhelds. The freq. range
is 150.8 to 162 They have 1 watt(Low) and 5(High) watt outputs. Each
radio has 2 channels, with digital private line, duckie flex antenna, 1
battery that is 6 months old and another battery that is 2 months old.
Each radio comes with a holster to put on ones' belt. The radios were
purchased 4/16/91, I still have the original invoice. These radios are
presently in service and all in fine working condition. One radio had a
circuit board replaced 1 month ago and a new case was put on another 1
year ago. Other than that, only reprogramming of frequencies has been
performed on these radios. Each radio set(radio,charger, holster,2
batteries) is going for $350 each. You can buy one,two, but preferably
all three radios.
In addition, we have 5 earphones specially designed for the P100.
These earphones are 10 months old. Each earphone is being sold for $20.
These radios are not in bad shape or worn-out by any stretch of the
imagination. We are being offered a chance to upgrade.

Any questions call 412-862-2815 or email me at jmb2@andrew.cmu.edu

---
James Mason Jr. NREMT-National Registered Emergency Medical
Carnegie Mellon University Technician
-Navy ROTC American Heart Association CPR Instructor
-Emergency Medical Services Pennsylvania EMT-MAST
OPERATIONS MANAGER

Problems: jmb2+@andrew.cmu.edu
"Doctors practice medicine, EMTs have to get it right the first time!"
---

425. Helicopters in Toronto

Newsgroup: rec.radio.scanner
Date: 1994-01-18 16:40:48 UTC
From: jmicheal@uoguelph.ca
Message-ID: <2hh3eg$e5m@nermal.cs.uoguelph.ca>
Source record: 277725

Does anyone know what frequencies helicopters use in the Toronto area?
I'm looking for air/air air/ground comms. Where do most of them lauch
from?

Any help would be aprreciated.

Jesse.
--
==
Jesse Michaels at = Canada....The TRUE North Strong and Free!
The University of Guelph, = "I'm so sick from the drink I need home for
Guelph, Ontario, Canada = a rest" - Spirit of the West...
jmicheal@uogeulph.ca = Western...isn't that an omlette?

****** * * ***** * ***** * * **
* * * * * * * * * **
* **** * * ***** * ***** ***** **
* * * * * * * * *
****** ****** ***** ***** * * * **

==

426. Fastfood comms in Guelph

Newsgroup: rec.radio.scanner
Date: 1994-01-18 16:42:42 UTC
From: jmicheal@uoguelph.ca
Message-ID: <2hh3i2$e5m@nermal.cs.uoguelph.ca>
Source record: 277726

I'm trying to find out the frequencies of the drive through McDonalds in Guelph, Ont. and other drive-through restaurants in the city. Also, does anyone know what frequencies the police and maintenance staff at the University of Guelph use?

Thanks,

Jesse
--
==========
Jesse Michaels at = Canada....The TRUE North Strong and Free!
The University of Guelph, = "I'm so sick from the drink I need home for
Guelph, Ontario, Canada = a rest" - Spirit of the West...
jmicheal@uogeulph.ca = Western...isn't that an omlette?

****** * * ***** * ***** * * **
* * * * * * * * * **
* **** * * ***** * ***** ***** **
* * * * * * * * *
****** ****** ***** ***** * * * **

==========

427. Re: Global Alert For All: Jesus is Coming Soon

Newsgroup: rec.radio.scanner
Date: 1994-01-18 17:14:55 UTC
From: bmiller@landesk.intel.com
Message-ID: <2hh5ef$p18@ornews.intel.com>
Source record: 277731

[much hysteria deleted]..

You forgot to include which frequencies God can be monitored on.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

428. Mods by e-mail

Newsgroup: rec.radio.scanner
Date: 1994-01-18 17:40:20 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCJu6F9.FJw@netcom.com>
Source record: 277745
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Many people have informed me that they cannot connect to world.std.com via
anonymous FTP to retrieve the mods they want.

If you cannot connect to the hostname world.std.com, try connecting to
its IP address of: 192.74.137.5

If this still fails, e-mail me direct your mod requests, and I will, in
turn, e-mail back the mods you requested.

Scott

--
```
================================================================================
| Scott Ehrlich Internet: wy1z@neu.edu BITNET: wy1z@NUHUB |
| Amateur Radio: wy1z AX.25: wy1z@k1ugm.ma.usa.na |
|------------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - world.std.com pub/hamradio |
================================================================================
```

429. Re: SALE 3 Motorola P-100s

Newsgroup: rec.radio.scanner
Date: 1994-01-18 17:53:14 UTC
From: John Mills VI <jmdt+@andrew.cmu.edu>
Message-ID: <AhD28_G00iV5E4s2Zz@andrew.cmu.edu>
Source record: 277733
Cross-posted to:
misc.forsale,rec.radio.scanner,cmu.student.amateur-radio,rec.radio.shortwave,rec.radio.swap,cmu.cs.market,misc.emerg-services

James, I'd like to add a small note:

Excerpts from cmu.student.amateur-radio: 18-Jan-94 SALE 3 Motorola
P-100s by "James D. Mason Jr."@and
> My organization, Carnegie Mellon University Emergency Medical
> Services is selling 3 Motorola P-100s V2 VHF handhelds. The freq. range
> is 150.8 to 162 They have 1 watt(Low) and 5(High) watt outputs. Each

There's no Amateur band between these frequencies (151-162MHz), but
they are very nice and very rugged radios, and if the purchaser can get
ahold of a public service or business band license, they'd be perfect
for outdoor events. (business band shouldn't be that difficult).

Just my $0.02

-John

430. Report: HAM predicted LA Quake weekend before - any details?

Newsgroup: rec.radio.scanner
Date: 1994-01-18 18:51:05 UTC
From: pec1@cbnewsj.cb.att.com
Message-ID: <CJu9p7.An5@cbnewsj.cb.att.com>
Source record: 277727
Cross-posted to:
misc.emerg-services,misc.forsale,rec.radio.scanner,cmu.student.amateur-radio,rec.radio.shortwave,rec.radio.swap,cmu.cs.market

On thye way to work today (1/18/94) I heard a report on my radio (WCBS AM) that a HAM had predicted the LA quake on the weekend before it happened. They said he had faxed the prediction to news organizations, however, since he had made a prediction in the past that did not happen the news organizations (CBS?) ignored the latest fax. They mentioned he had some sort of equipment he used to help predict a quake.

The significance that he (they said "he" not she) was a HAM was not reported. Perhaps it relates to radio energy that rocks generate under pressure (I think the Nova TV show reported that phenom).

Does anyone have the full report, the fax prediction, or other details on this? Sounds like it would make a good Quirks & Quarks (if he was Canadian maybe ;-).

Pete Costello

431. Re: Request for PRO-46 info

Newsgroup: rec.radio.scanner
Date: 1994-01-18 18:57:08 UTC
From: steve@galaxy.nsc.com
Message-ID: <CJu9z8.1I7@voder.nsc.com>
Source record: 277752

I have purchased a Radio Shack Pro-46 this last weekend and would like anyone who has information on mods to extend coverage or improve scan speed to let me know what the changes are. Thanks in advance for your information.

432. Hewlett Packard freqs wanted

Newsgroup: rec.radio.scanner
Date: 1994-01-18 19:01:18 UTC
From: albert@sc.hp.com
Message-ID: <2hhblu$omk@hpscit.sc.hp.com>
Source record: 277744

Can anybody with one of those great little frequency databases lookup
the frequencies for Hewlett Packard in the Bay Area.

They receintly switched to a trunked system in the 800MHz range, so
all of the 150 & 450 MHz frequencies are obsolete.

I feel naked with out my frequencies, please help!

Albert Alcorn
albert@sc.hp.com

433. Denver Freq

Newsgroup: rec.radio.scanner
Date: 1994-01-18 20:12:45 UTC
From: llorance@netcom.com
Message-ID: <lloranceCJuDH9.1zH@netcom.com>
Source record: 277735

I am in Denver this week and would like a few freq. to listen to.
Police, Fire, etc. Can anyone supply me with some, Radio Shack was of no
help.

Larry

--
llorance@netcom.com

434. Re: Report: HAM predicted LA Quake weekend before - any details?

Newsgroup: rec.radio.scanner
Date: 1994-01-18 20:31:32 UTC
From: bmiller@landesk.intel.com
Message-ID: <2hhgv4$5dn@ornews.intel.com>
Source record: 277738
Cross-posted to:
misc.emerg-services,misc.forsale,rec.radio.scanner,cmu.student.amateur-radio,rec.radio.shortwave,rec.radio.swap,cmu.cs.market

In article <CJu9p7.An5@cbnewsj.cb.att.com> pec1@cbnewsj.cb.att.com (peter.e.costello) writes:
>
> On thye way to work today (1/18/94) I heard a report on my radio (WCBS AM)
>that a HAM had predicted the LA quake on the weekend before it happened. They
>said he had faxed the prediction to news organizations, however, since he had
>made a prediction in the past that did not happen the news organizations (CBS?)
>ignored the latest fax. They mentioned he had some sort of equipment he used
>to help predict a quake.
>
> The significance that he (they said "he" not she) was a HAM was not
> reported. Perhaps it relates to radio energy that rocks generate under
> pressure (I think the Nova TV show reported that phenom).
>
> Does anyone have the full report, the fax prediction, or other details
>on this? Sounds like it would make a good Quirks & Quarks (if he was Canadian
>maybe ;-).
>
> Pete Costello

There is a guy in the Bay Area (California) with the last name of Cole
that predicts earthquakes by listening to HF or VLF frequencies on a
receiver. I don't know if he is a Ham or even the person the news
was referring to, but my guess is that it was him. I met him once and
he was a bit eccentric. Most experts have dismissed his predictions
but he HAS predicted a few correctly. He says that he can hear
fluctuations of radiowaves on his receiver, weeks prior to an earthquake.

Very few "earthquake predictors" are taken seriously.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

435. Re: Report: HAM predicted LA Quake weekend before - any details?

Newsgroup: rec.radio.scanner
Date: 1994-01-18 20:52:42 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <CJuFBu.1qtp@yuma.ACNS.ColoState.EDU>
Source record: 277739
Cross-posted to:
misc.emerg-services,misc.forsale,rec.radio.scanner,cmu.student.amateur-radio,rec.radio.shortwave,rec.radio.swap,cmu.cs.market

In article <CJu9p7.An5@cbnewsj.cb.att.com> pec1@cbnewsj.cb.att.com (peter.e.costello) writes:
> On thye way to work today (1/18/94) I heard a report on my radio (WCBS AM)
>that a HAM had predicted the LA quake on the weekend before it happened. They
>ignored the latest fax. They mentioned he had some sort of equipment he used
>to help predict a quake.
> The significance that he (they said "he" not she) was a HAM was not
> reported. Perhaps it relates to radio energy that rocks generate under
> pressure (I think the Nova TV show reported that phenom).
> Does anyone have the full report, the fax prediction, or other details
>on this? Sounds like it would make a good Quirks & Quarks (if he was Canadian
>maybe ;-).
> Pete Costello

I've read that Stanford had an Ultra-Low Freq receiver near San Fran when they got the shakes, and it registered large swings for 30-40 hours before the quake. The receiver was intended to examine changes in the geo-magnetic field, but picked up the piezo-electric radiations of the rock strata as they were under increasing stress. The output was swinging wildly, then went flat when the power went off.
There's an amateur group that publishes a journal of this sort of thing, but I can't remeber their name.
I'll dig out an issue when I get home.
galen, KF0YJ

436. Re: Global Alert For All: Jesus is Coming Soon

Newsgroup: rec.radio.scanner
Date: 1994-01-18 22:04:37 UTC
From: srhoades@netcom.com
Message-ID: <srhoadesCJuInq.DIL@netcom.com>
Source record: 277743

In article <2hfo13$ot2@genesis.ait.psu.edu> Frank Cusack Jr. <fcusack@psu.edu> writes:
>In article <2hfejl$74@orion.cc.andrews.edu> Clarence L. Thomas IV,
>clarence@orion.cc.andrews.edu writes:
>[...]
>> [Destruction, hysteria, violence, etc.]
>[...]
>
>Ummm.... yeah, thanks for the info.
>

Sort of reminds me of the log out message on a now-defunct
scanner BBS:

"In God we Trust - All others we monitor"

--

Steve L. Rhoades | Voice: (818) 794-6004
1000 Video Road | Internet: srhoades@netcom.com
Mt. Wilson, Calif 91023 | Finger me for PGP public key.

437. Re: Report: HAM predicted LA Quake weekend before - any details?

Newsgroup: rec.radio.scanner
Date: 1994-01-18 22:14:18 UTC
From: bmuskett@Ingres.COM
Message-ID: <1994Jan18.221418.6633@pony.Ingres.COM>
Source record: 277758
Cross-posted to: ca.earthquakes,rec.radio.shortwave,rec.radio.scanner

On rec.radio.shortwave (among others), in article <CJu9p7.An5@cbnewsj.cb.att.com>
pec1@cbnewsj.cb.att.com (peter.e.costello) writes:
> On thye way to work today (1/18/94) I heard a report on my radio (WCBS AM)
>that a HAM had predicted the LA quake on the weekend before it happened. They
>said he had faxed the prediction to news organizations, however, since he had
>made a prediction in the past that did not happen the news organizations (CBS?)
>ignored the latest fax. They mentioned he had some sort of equipment he used
>to help predict a quake.
>
> The significance that he (they said "he" not she) was a HAM was not
> reported. Perhaps it relates to radio energy that rocks generate under
> pressure (I think the Nova TV show reported that phenom).
>
> Does anyone have the full report, the fax prediction, or other details
>on this? Sounds like it would make a good Quirks & Quarks (if he was Canadian
>maybe ;-).
>
> Pete Costello

Discussion is going on in ca.earthquakes of a claim that Jack Coles
predicted the quake the weekend before it happened. However the exact
details of his prediction have not been posted. He has made other
predictions in the past which have failed to happen.

Bill

438. Re: Looking for Scanner BBS

Newsgroup: rec.radio.scanner
Date: 1994-01-18 22:25:38 UTC
From: paul@hsh.com
Message-ID: <1994Jan18.172538.3494@hsh>
Source record: 277734
Cross-posted to: alt.radio.scanner,rec.radio.scanner

b1y1m39@kato.BELL-ATL.COM (Bob Esposito) writes:
>
> I'm looking for the number of a Scanner BBS in the Phila. Area.
> I lost the number, but I remember it began with 525....
> Can anyone help?

According to a BBS list acquired here, PA offers:

THE 5TH DIMENSION 215-827-7689 PA K3DSM FIDO 1:273/304
ALLEGHENY-KISKI 412-226-7357 PA KA3NVP
BEAVER VALLEY ARA BBS 412-775-7536 PA KA3CYW
VACCUMN VALLEY BBS 717-323-1645 PA N3DQC
TEC-BOARD 717-561-8145 PA KA3ADU

While southern NJ, across the river, offers these:

PICS ONLINE(SM) 609-654-0999 NJ N2LQH FIDO 1:266/21
THE RADIO WAVE BBS 609-764-0812 NJ
PINELANDS RBBS 609-859-1910 NJ W2XQ FIDO 1:266/32
JERSEY DEVIL CITADEL 609-893-2152 NJ K2NE FIDO 1:266/33

Hope it's useful.

=-=-=-=-=-=-=

Paul Havemann (paul@hsh.com) Resident Cynic, a.f.d-q

When scanning in Rome, listen for a gladiator who says:

Heu! Tintinnuntius meus sonat!
(Darn! There goes my beeper!)

439. Re: Report: HAM predicted LA Quake weekend before - any details?

Newsgroup: rec.radio.scanner
Date: 1994-01-18 22:34:08 UTC
From: mmm@leland.Stanford.EDU
Message-ID: <2hho50$85t@nntp2.Stanford.EDU>
Source record: 277730
Cross-posted to:
misc.emerg-services,misc.forsale,rec.radio.scanner,cmu.student.amateur-radio,rec.radio.shortwave,rec.radio.swap,cmu.cs.market

I don't speak in an official capacity. The Stanford work by Tony Fraser-Smith was an chance finding. He saw an increase in emissions in one ULTRA-low Freq band (while doing a study for the Navy) a month before the Loma Prieta quake. Several hours before the quake, there were emissions in slightly higher ultra low freq bands. Keep in mind that the antenna was 5 kilometers from the epicenter. That's very close.

The other earthquake "predictors" do not look at the ULTRA-low freq that might predict an earthquake and their antenna is not sitting right on top of the epicenter.

mike murray

440. Re: Global Alert For All: Jesus is Coming Soon

Newsgroup: rec.radio.scanner
Date: 1994-01-18 23:23:40 UTC
From: ml7923@pepper.albany.edu
Message-ID: <1994Jan18.232340.9324@sarah.albany.edu>
Source record: 277741

In article <2hh5ef$p18@ornews.intel.com> bmiller@landesk.intel.com (Brett Miller - Support Engineer) writes:
>[much hysteria deleted]..
>
>You forgot to include which frequencies God can be monitored on.
>
In the Albany, NY area, that'd be 87.7 MHz, where you can hear Dan Rather on weeknights, and recently, "TV's best coverage of the Los Angeles earthquake," as he so eloquently put it...:)

Is there some kind of noteworthy disaster that that man DOESN'T go bananas over?

mike [=

Sorry if I've wasted bandwith, but I just couldn't help myself...:)

441. Re: Opinions on BC8500XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-18 23:33:22 UTC
From: bmiller@landesk.intel.com
Message-ID: <2hhrk2$diq@ornews.intel.com>
Source record: 277737

The only true weaknesses of the Uniden scanners (i.e. 8500, 2500, 890 etc.) is their poor selectivity and image rejection. The features they offer are about as much as you can ask for (without computer control).

I admit that selectivity and image rejection are pretty major problems, but keep in mind that these can be offset by the use of the CTCSS option and will not be major problems for those living in rural areas where strong RF signals are not as abundant.

Three of my scanners are Uniden (2500, 760, 210xl) and they all have their strengths and weaknesses. There is no perfect scanner out there. I also have two Icom scanners, a Pro-2005 and several others. They all have tasks that they perform well and all have tasks that they don't do so hot. I don't think Uniden deserves to be bashed any more than RS, Icom or any other manufacturer. Uniden scanners have the most simple user interface of any programable scanner I have seen. They also are tops for sensitivity (to a fault, without selectivity).

If you plan to use the CTCSS board, and like the Alphanumeric display, then go for the 8500.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

442. PRO-2021 S-meter?

Newsgroup: rec.radio.scanner
Date: 1994-01-18 23:39:44 UTC
From: johnb@halcyon.com
Message-ID: <johnb-180194183945@bellevue-ip38.halcyon.com>
Source record: 277740

Can anyone provide leads on adding an S-meter to the PRO-2021? Which components should one snoop around?

Thanks!

--
/\
John F. Braun | "Push the button, Frank!"
johnb@halcyon.com | -MST3K
\/

443. Re: SALE 3 Motorola P-100s

Newsgroup: rec.radio.scanner
Date: 1994-01-19 00:16:33 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jan19.001633.4869@hpcvaac.cv.hp.com>
Source record: 277736
Cross-posted to:
misc.forsale,rec.radio.scanner,cmu.student.amateur-radio,rec.radio.shortwave,rec.radio.swap,cmu.cs.market,misc.emerg-services

jmdt+@andrew.cmu.edu (John Mills VI) writes:
: James, I'd like to add a small note:
:
: Excerpts from cmu.student.amateur-radio: 18-Jan-94 SALE 3 Motorola
: P-100s by "James D. Mason Jr."@and
: > My organization, Carnegie Mellon University Emergency Medical
: > Services is selling 3 Motorola P-100s V2 VHF handhelds. The freq. range
: > is 150.8 to 162 They have 1 watt(Low) and 5(High) watt outputs. Each
:
: There's no Amateur band between these frequencies (151-162MHz), but
: they are very nice and very rugged radios, and if the purchaser can get
: ahold of a public service or business band license, they'd be perfect
: for outdoor events. (business band shouldn't be that difficult).

It should also be relatively easy to modify them for 144 Mhz.

Bill

444. Re: Report: HAM predicted LA Quake weekend before - any details?

Newsgroup: rec.radio.scanner
Date: 1994-01-19 00:18:52 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jan19.001852.4964@hpcvaac.cv.hp.com>
Source record: 277742
Cross-posted to:
misc.emerg-services,misc.forsale,rec.radio.scanner,cmu.student.amateur-radio,rec.radio.shortwave,rec.radio.swap,cmu.cs.market

bmiller@landesk.intel.com (Brett Miller - Support Engineer) writes:

> There is a guy in the Bay Area (California) with the last name of Cole
> that predicts earthquakes by listening to HF or VLF frequencies on a
> receiver. I don't know if he is a Ham or even the person the news
> was referring to, but my guess is that it was him. I met him once and
> he was a bit eccentric. Most experts have dismissed his predictions
> but he HAS predicted a few correctly. He says that he can hear
> fluctuations of radiowaves on his receiver, weeks prior to an earthquake.
>
> Very few "earthquake predictors" are taken seriously.

That is because their predictions are no better than random.

Bill

445. Re: New Jersey State Police freqs

Newsgroup: rec.radio.scanner
Date: 1994-01-19 02:05:31 UTC
From: amullick@vaxc.stevens-tech.edu
Message-ID: <1994Jan18.210531.1@vaxc.stevens-tech.edu>
Source record: 277576

In article <2hfgof$jqd@longlast.cs.nyu.edu>,
jackson@cs.nyu.edu (Steven Jackson) writes,
is regards to the NJ State Police Trunked Radio System:
> The next most common dispatcher seems to be REMS (spelling and naming
> convention would be appreciated) which handles all communications for
> Northstar, which uses these channel groups for current location and
> occasional patient reports.

REMCS is the Regional Emergency Medical Communications System and is
based out of University Hospital in Newark, NJ. In addition to NorthSTAR
dispatches (on 155.295 - "295"), they also dispatch ALS and BLS units in
and around Newark, and University Hospital's Mass Casualty Response Unit.
(ALS pages are on 295; two-way ALS & BLS communication on 155.400 - "400"
-- ALS units are referred to as 2xx or MIC-xx, where 201 is MIC-1, etc.;
BLS units are referred to as 1xx; the MCRU is 301).

NorthSTAR usually uses the Troop B frequencies ("800") for two-way
communcation using 295 as a pager channel only, though recently they have
been having problems with their 800-MHz radio and have been using 295 or 400.
NorthSTAR is equipped with radios ("RT"s) for air-to-ground communications
on any frequency.

Additionally, a cellular telephone is available on board for the flight
crew's use to contact Medical Control (while still on the ground scene).
Once in flight, when in a rush, or when the cell phone misbehaves, REMCS
will coordinate phone patches for NorthSTAR using the trunked radio system.
Medical Control is usually a trauma surgeon at University Hospital regardless
of where NorthSTAR is flying to, though occasionally a doctor from another
trauma center (including Morristown Memorial, Robert Wood Johnson, Hackensack,
and Jersey Shore) or a resident from University's ED is used.

Coincidentaly, REMCS has been having communications problems on 400, and has
been using JEMS 4 (153.785 - "4") as a secondary dispatch channel.
The NJ EMS (JEMS) Coordination freqencies are (1) 155.400, (2) 155.340,
(3) 154.280 and (4) 153.785. JEMS 2 is more commonly referred to as the
HEAR (Hospital Emergency Administration Radio). REMCS monitors all of JEMS
as well as the State Police Emergency Network (SPEN), channel 3 (153.725).
FWIW, SPEN 4 is the same channel as JEMS 4.
--

Apu.....AMULLICK@vaxc.stevens-tech.edu
WARNING: I DISCRIMINATE
E-mail is dealt with immediately;
Snail mail, if I have nothing to do (never) or I'm bored (sometimes)

446. Re: Global Alert For All: Jesus is Coming Soon

Newsgroup: rec.radio.scanner
Date: 1994-01-19 02:58:08 UTC
From: jck@jaguar.catt.citri.edu.au
Message-ID: <1994Jan19.025808.17226@etrog.se.citri.edu.au>
Source record: 277634

In article <2hfo13$ot2@genesis.ait.psu.edu>, Frank Cusack Jr. <fcusack@psu.edu> writes:
|> In article <2hfejl$74@orion.cc.andrews.edu> Clarence L. Thomas IV,
|> clarence@orion.cc.andrews.edu writes:
|> [...]

[useless garbage deleted ....]

Yeah, this idiot posted to just about every newsgroup!!

JCK

447. Re: Report: HAM predicted LA Quake weekend before - any details?

Newsgroup: rec.radio.scanner
Date: 1994-01-19 03:06:05 UTC
From: platbr@saturn.wwc.edu
Message-ID: <platbr.48.758948765@saturn.wwc.edu>
Source record: 277746
Cross-posted to:
misc.emerg-services,misc.forsale,rec.radio.scanner,cmu.student.amateur-radio,rec.radio.shortwave,rec.radio.swap,cmu.cs.market

In article <CJu9p7.An5@cbnewsj.cb.att.com> pec1@cbnewsj.cb.att.com (peter.e.costello) writes:
>From: pec1@cbnewsj.cb.att.com (peter.e.costello)
>Subject: Report: HAM predicted LA Quake weekend before - any details?
>Date: Tue, 18 Jan 1994 18:51:05 GMT
> On thye way to work today (1/18/94) I heard a report on my radio (WCBS AM)
>that a HAM had predicted the LA quake on the weekend before it happened. They
>said he had faxed the prediction to news organizations, however, since he had
>made a prediction in the past that did not happen the news organizations (CBS?)
>ignored the latest fax. They mentioned he had some sort of equipment he used
>to help predict a quake.
>
> The significance that he (they said "he" not she) was a HAM was not
> reported. Perhaps it relates to radio energy that rocks generate under
> pressure (I think the Nova TV show reported that phenom).
>
> Does anyone have the full report, the fax prediction, or other details
>on this? Sounds like it would make a good Quirks & Quarks (if he was Canadian
>maybe ;-).
>
> Pete Costello

Just what do I get if I buy this?

448. Air freqs (air phones)

Newsgroup: rec.radio.scanner
Date: 1994-01-19 03:48:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <758989616.AA06064@rochgte.fidonet.org>
Source record: 277761

> ALL aircraft related transmissions in the "civil aviation band"
> are FM, regardless of usage.

Hoo boy! I screwed that one up, didn't I? The above sentence should
say:

ALL aircraft related transmissions in the "civil aviation band" are AM,
regardless of usage.

Sorry about the typo. :-(

449. Re: CellPhones "imaging" to 2 meters?!

Newsgroup: rec.radio.scanner
Date: 1994-01-19 05:00:50 UTC
From: craig@yonder.equinox.gen.nz
Message-ID: <H.eg.Ncsx0RpYiTM@yonder.equinox.gen.nz>
Source record: 277768

In <2h7oki$qi6@sol.ctr.columbia.edu>, miweber@apollo writes:
>Aaack! All of a sudden, the 2-meter ham band (144-148Mhz) seems
>jammed with cellular phone conversations! Has my trusty Yupiteru
>MVT-7000 died? These strange signals are accompanied by a high-pitched
>tone, and uncharacteristically have both sides of the conversations.
>Help! I've read some books on imaging and other scanner quirks, but
>I can't for the life of me figure out why something that should be
>up in 875Mhz band is now in my 146Mhz band, single-freq full duplex.

I've got an MVT-7000, and have heard that before. I see there's a heap
of replies already here as to what it is, just thought i'd reply to
let you know your scanner is okay.

BTW:Anyone know what frequency do cellphones _transmit_ on????

--
:: Craig Shore. Phone +64 3 385-6554 (Christchurch, New Zealand.) ::
:: (CraigS on IRC) ::

450. Re: Report: HAM predicted LA Quake weekend before - any details?

Newsgroup: rec.radio.scanner
Date: 1994-01-19 06:12:01 UTC
From: austin@netcom.com
Message-ID: <austinCJv582.HMD@netcom.com>
Source record: 277759
Cross-posted to: ca.earthquakes,rec.radio.shortwave,rec.radio.scanner

He probably sends off a fax every day till he's right to 365 different media outlets.

Tony

451. Re: Global Alert For All: Jesus is Coming Soon

Newsgroup: rec.radio.scanner
Date: 1994-01-19 06:38:53 UTC
From: gkd@wpi.WPI.EDU
Message-ID: <2hikht$nvn@bigboote.WPI.EDU>
Source record: 277750

In article <2hh5ef$p18@ornews.intel.com>,
Brett Miller - Support Engineer <bmiller@landesk.intel.com> wrote:
>
>You forgot to include which frequencies God can be monitored on.

Be serious. Obviously, God can be monitored on ALL frequencies...

...else we'd all tune him out.

Come to think of it, maybe that explains why Clarence posted his message
to all newsgroups.

Greg

452. Ham Radio FTP area on World

Newsgroup: rec.radio.scanner
Date: 1994-01-19 06:54:52 UTC
From: wy1z@netcom.com
Message-ID: <rec.radio.info-ham.radio.ftp_758962491@ve6mgs.ampr.ab.ca>
Source record: 277627
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.info,rec.radio.scanner

This is a periodic reminder that the Boston Amateur Radio Club maintains an FTP area on world.std.com (192.74.137.5) in pub/hamradio.

This area is accessible via: anonymous ftp, gopher, and World Wide Web (and possibly other methods I'm not yet aware of). World is not *fsp*-able yet (I asked them).

Via Gopher, the easiest path to the area is by selecting the following from World's main menu:

18. Membership and Professional Associations

3. Boston Amateur Radio Club

And go from there...

Please feel free to browse through the area.

If anyone has any questions about it, please do not hesitate to e-mail me.

Also, up-to-date copies of the files on the ARRL's information server (info@arrl.org) are available in the directory pub/hamradio/ARRL/Server-files.

All text files are uncompressed, so they are both retrievable and viewable via Gopher and World Wide Web. (If you have any troubles with any text file, please e-mail me).

Source code for programs is always welcome. It can permit people to use those programs on other computers with other operating systems.

Scott

453. Re: Why is intercom interfering w/cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-01-19 08:15:47 UTC
From: jeffl@comix.UUCP
Message-ID: <738@comix.UUCP>
Source record: 277626

In article <2hcqji$gj3@portal.gmu.edu> sjaves@mason1.gmu.edu writes:
>Could someone explain why a 230kHz +/- 2kHz FM intercom which uses house
>wiring apparently receives and transmits to a cordless phone in another
>building? It has happened on occassion. It is a Radio Shack intercom.

Hmmm. 2 * 230Khz = 460Khz which is close enough to the 455Khz IF
frequency of the cordless phone to interfere.

Incidentally, if your cordless phone is on channel 4 (49.770Mhz),
then the 3rd harmonic of the local oscillator in the base unit
lands on 147.945Mhz and will obliterate that frequency. Another
bummer is the 41st harmonic of the color burst clock freq.
41 * 3.579545Mhz = 146.760Mhz.

--
Jeff Liebermann Box 272 1540 Jackson Ave Ben Lomond CA 95005
408.336.2558 voice wb6ssy@ki6eh.#nocal.ca.usa wb6ssy.ampr.org [44.4.18.10]
408.699.0483 digital_pager 73557,2074 cis [don't]
jeffl@comix.santa-cruz.ca.us scruz.ucsc.edu!comix!jeffl

454. Re: Report: HAM predicted LA Quake weekend before - any details?

Newsgroup: rec.radio.scanner
Date: 1994-01-19 08:28:33 UTC
From: davidj@rahul.net
Message-ID: <CJvBJM.K3p@rahul.net>
Source record: 277751
Cross-posted to: misc.emerg-services,rec.radio.scanner,rec.radio.shortwave,ca.earthquakes

In <CJu9p7.An5@cbnewsj.cb.att.com> pec1@cbnewsj.cb.att.com (peter.e.costello) writes:

> On thye way to work today (1/18/94) I heard a report on my radio (WCBS AM)
>that a HAM had predicted the LA quake on the weekend before it happened. They
>said he had faxed the prediction to news organizations, however, since he had
>made a prediction in the past that did not happen the news organizations (CBS?)
>ignored the latest fax. They mentioned he had some sort of equipment he used
>to help predict a quake.

> The significance that he (they said "he" not she) was a HAM was not
> reported. Perhaps it relates to radio energy that rocks generate under
> pressure (I think the Nova TV show reported that phenom).

The "prediction" was from Jack Coles of San Jose. The wording I saw quoted
was pretty vague. I don't think he is a licensed ham, but he (and a lot of
ther people) have been monitoring electromagnetic phenomena that they believe
may be correlated with earthquakes. There are several groups of
researchers around the world working on this, based on the theory that
in the pre-quake period, there are stresses and movements that generate
electric potentials or change resistivities of different rock strata,
and that there might be surface-detectable electromagnetic phenomena to
go along with it. No one knows what the mechanism is for sure, there are
a lot of almost plausible theories but a lot of the experimenters in this
field, including Coles, have chosen to keep their methods secret. Unfortunately
there is a really hostile attitude toward most of this work from the
traditional geological/seismological community, which tends to discourage
people from disclosing methods that even they don't understand fully. USGS is
working on one aspect, with some magnetometers installed in the Parkfield
(seismically active) area to look at this phenomenon, Tony Fraser-Smith
of Stanford has been working on it, with papers published at AGU meetings,
Jack Dea et al of the Navy (NCCOSC San Diego) published a paper that has
some interesting data in it. Coles believes he is a little closer to being
able to "predict" which I guess pushes him to send faxes to news organizations;
however he and the other undisclosed-theory observers don't have a very
good success rate yet.

> Does anyone have the full report, the fax prediction, or other details
>on this? Sounds like it would make a good Quirks & Quarks (if he was Canadian
>maybe ;-).

The only excerpt I have seen is the following, sent to a Well subscriber
on Saturday night:

"Reports are coming in from all over the bay area and southern California
of increased radio signals...results could mean a quake greater than six

points...another set of smaller signals happened on Jan. 13, 1994 at 12:m. These signals were small and may reach a 3 to 4 on the scale during the next 96 hours. The location of these signals were toward Southern California and may be felt in Los Angeles."

When we get to the point of being able to observe "the signals" and know what we're talking about, then maybe there will be more rational discussion and less polarization between either "he's nuts" or "he's magic."

There is a magazine on this topic published by Vince Migliore called Geo-Monitor, you can reach Vince at glyph@well.sf.ca.us.

Cheers
David WA6NMF
--
David Josephson <david@josephson.com>

455. Mods for RS PRO-2032???

Newsgroup: rec.radio.scanner
Date: 1994-01-19 08:41:37 UTC
From: CJSRFM@vm.ucs.UAlberta.CA
Message-ID: <1994Jan19.084238.16895@kakwa.ucs.ualberta.ca>
Source record: 277749

Hello All:

Has anyone come up with any mods for the PRO-2032? I just got one
for a Christmas present and was wondering....

Ray Semenoff
Chief Engineer CJSR FM

456. Mir space station

Newsgroup: rec.radio.scanner
Date: 1994-01-19 09:09:46 UTC
From: jsimmer@cmsa.gmr.com
Message-ID: <jsimmer.112.000929FA@cmsa.gmr.com>
Source record: 277756

Hello,

I know that the Mir space stations sometimes sends out digital audio on 145.55Mhz. What I am wondering is has anyone ever heard non-digital audio from the Mir? I've been scanning for the last week and have heard nothing but data packets.

Joe
jsimmer@cmsa.gmr.com

457. cellular 30mhz jumps

Newsgroup: rec.radio.scanner
Date: 1994-01-19 12:09:13 UTC
From: caliban@soda.berkeley.edu
Message-ID: <caliban.758981353@soda>
Source record: 277753

a quick question: why does my scanner scan the cellular
range in 30mhz intervals? am i missing anything?

cali

458. Re: Global Alert For All: Jesus is Coming Soon

Newsgroup: rec.radio.scanner
Date: 1994-01-19 13:50:42 UTC
From: pclark@lynx.dac.neu.edu
Message-ID: <2hjdri$a9r@chaos.dac.neu.edu>
Source record: 277755

Gregory K Doerschler (gkd@wpi.WPI.EDU) wrote:
: In article <2hh5ef$p18@ornews.intel.com>,
: Brett Miller - Support Engineer <bmiller@landesk.intel.com> wrote:
: >
: >You forgot to include which frequencies God can be monitored on.

: Be serious. Obviously, God can be monitored on ALL frequencies...

Not forgetting that his resonance patterns also make garbage cans, cars,
metallic buildings, etc wonderful recievers :)

--
Peter Clark - pclark@lynx.dac.neu.edu
+ Empire - it's not just a game, it's an adventure
+ EMACS is computereez for a torture device

459. New Scanner Master for MA??

Newsgroup: rec.radio.scanner
Date: 1994-01-19 13:56:53 UTC
From: slitel@cadre.com
Message-ID: <1994Jan19.135653.28295@fripp.ri.cadre.com>
Source record: 277669

A while back there was some talk re: the New Scanner Master for Massachusetts coming out and it would have all the information relating to the Mass. State Police and their going to 800 band.

Did anyone or has any one picked up the book yet. If so, please share the information to all.

Anything on the new Mass. State Police would be helpful. It seems as though most of the troops except for Troop E (Turnpike) are not used. I drive on the highways of Mass betwen 1 - 2 hours a day and my scanner picks up nothing except the Troop E guys and a RARE mumble on other SP frequencies.

Also anyone know the frequence for the new traffic system Smart Routes (or Smart Traveller)?? Since this has popped into service, the other traffic guys have gone very quiet!

Please Post for all to see...

Stuart Litel

460. Re: dutch pro-46 scanner request for freqs

Newsgroup: rec.radio.scanner
Date: 1994-01-19 14:01:23 UTC
From: APETROVI@ESTEC.BITNET
Message-ID: <94019.140123APETROVI@ESTEC.BITNET>
Source record: 277639

Anyone have any info about interesting frequencies specific to Holland and
the Netherlands, especially emergency services and perhaps shipping?
I live near the coast (Noordwijk) and reception from Schiphol is good, but

461. Re: cellular 30mhz jumps

Newsgroup: rec.radio.scanner
Date: 1994-01-19 14:05:00 UTC
From: schuster@panix.com
Message-ID: <2hjemc$pbo@panix2.panix.com>
Source record: 277754

In article <caliban.758981353@soda>,
rocky mullin <caliban@soda.berkeley.edu> wrote:
>
> a quick question: why does my scanner scan the cellular
> range in 30mhz intervals?

Because it assumes you wish to listne to cellular traffic, which in the
USA are assigned to channels with 30 KHz spacing.

> am i missing anything?

Anything which does not conform to the above, such as cellular traffic on
other continents.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

462. Re: Report: HAM predicted LA Quake weekend before - any details?

Newsgroup: rec.radio.scanner
Date: 1994-01-19 15:06:09 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <CJvtyA.1DuA@yuma.ACNS.ColoState.EDU>
Source record: 277760
Cross-posted to:
misc.emerg-services,misc.forsale,rec.radio.scanner,cmu.student.amateur-radio,rec.radio.shortwave,rec.radio.swap,cmu.cs.market

In article <platbr.48.758948765@saturn.wwc.edu> platbr@saturn.wwc.edu (BRIAN NELSON PLATT) writes:
>In article <CJu9p7.An5@cbnewsj.cb.att.com> pec1@cbnewsj.cb.att.com (peter.e.costello) writes:
>> On thye way to work today (1/18/94) I heard a report on my radio (WCBS AM)
>>that a HAM had predicted the LA quake on the weekend before it happened. They
>> Pete Costello
>
>Just what do I get if I buy this?

You can buy a subsciption to 'Geo-Monitor'. A few years back I received some sample issues that I dug out on Monday.

There are two people mentioned in G-M. Jack Coles of San Jose uses a spectrum analyzer tuned to 10.33 kHz with a 2k bandwidth. Joe Tate confirms Coles' findings and has a system that examines three bands: 0.2 to 1 kHz, 1 to 10 kHz, and 10 to 100 kHz. Tate's work is so convincing, the U.S. Geological Survey granted him a contract to set up monitors along California faults.
The article concludes with the statement that 'Several amateur researchers and a growing number of pro scientists agree that 'something funny is going on' with regard to earthquakes.'

In the column next to the Coles-Tate article is an article by psychic the Rev. Linda Schiller, who predicts an earthquake in California 'around Christmas or early January 1994'.

From the September, 1991 issue of 'Geo-Monitor'

Geo-Monitor
65 Washington St. #400
Santa Clara, CA 95050
1991 sub. price was $18.00/yr in U.S.

I present this information, but I do not agree or disagree with it. You Decide.
Galen, KF0YJ

463. Re: discone antennas?

Newsgroup: rec.radio.scanner
Date: 1994-01-19 15:06:42 UTC
From: rdavis@nyx.cs.du.edu
Message-ID: <1994Jan19.150642.25865@mnemosyne.cs.du.edu>
Source record: 277765

achern@wam.umd.edu (Alex Chernyakov) writes:

>What are 'discone' antennas used for? What are they're advantages and
>disadvantages? Thanks.

>Alex

A discone antenna is a vertically polarized antenna which shows a very
wide bandwidth from a low frequency which depends upons the physical size
of the antennna to a very high frequency.
My Radio Shack discone seems to exhibit an SWR under 1.4 to 1 from about
90 megacycles through 1200 megacycles, the limit of the SWR measuring
device I borrowed. I
I only use mine for two meter packet, and at times for my vhf/uhf scanner.
Robert Davis K0FPC
rdavis@nyx.cs.du.edu

464. Re: Report: HAM predicted LA Quake weekend before - any details?

Newsgroup: rec.radio.scanner
Date: 1994-01-19 15:59:52 UTC
From: frankh@sr.hp.com
Message-ID: <CJvwFt.8y@srgenprp.sr.hp.com>
Source record: 277762
Cross-posted to: ca.earthquakes,rec.radio.shortwave,rec.radio.scanner

Tony Austin (austin@netcom.com) wrote:
: He probably sends off a fax every day till he's right to 365 different
: media outlets.

: Tony

When this story was reported by my local station KSRO, the DJ said
Coles only gives about 1 warning per week. KSRO did get a fax
predicting this quake. Their response was "He did predict this quake.
That just proves he can't always be wrong"

--

Frank Hamlin, Santa Rosa Systems, Hewlett Packard __@ __@
1400 Fountaingrove Pkwy, Santa Rosa, Calif _-\<,-\<,
frankh@sr.hp.com (*)/---/(*)

465. spy scanner????

Newsgroup: rec.radio.scanner
Date: 1994-01-19 16:06:29 UTC
From: reyb@TorreyPinesCA.ncr.com
Message-ID: <1994Jan19.160629.23080@TorreyPinesCA.ncr.com>
Source record: 277632

I just saw on misc.forsale a "spy scanner" that covers from
8MHZ - 1300MHZ contiguously. Since I'm new to scanners I
was wondering if this is a rare "super duper" scanner? :)

Thanks,

Rey

466. Re: Pro 43 look-a-like

Newsgroup: rec.radio.scanner
Date: 1994-01-19 16:44:47 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Jan19.164447.5548@alw.nih.gov>
Source record: 277771

Neil Weisenfeld (weisen@alw.nih.gov) wrote:
: There's one other RS scanner that *looks* the same as the Pro 43, but has
: some minor differences. I think that it's the Pro 44. Does anyone know if
: the Pro 43 mods work on that model?

: Thanks,
: neil

Sorry about the hasty post. I was talking about the Pro-39, for which I
have found the mods. Anyone have any comments on it in comparison to the 43
or the BC200XLT?

Thanks,
neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 UUCP: ...!uunet!nih-csl!weisen
Bethesda, MD 20892 Voice: 301/402-4030

467. Re: Denver Freq

Newsgroup: rec.radio.scanner
Date: 1994-01-19 16:45:20 UTC
From: cab@col.hp.com
Message-ID: <2hjo30$v9@hp-col.col.hp.com>
Source record: 277763

Colorado frequency list (posted here recently) is on the way via email.

468. MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-19 17:36:00 UTC
From: kronz@woodling.ecn.purdue.edu
Message-ID: <CJw0w1.C6n@noose.ecn.purdue.edu>
Source record: 277769

Hello again,

I took the advice of everyone who replied to my message about
having the aor-1500. I took it back and am now in the market for
the MVT-7100.

The problem is that ACE communications is the ONLY US
distributer that I know of and they have a 14 week wait. And
theres are cell locked...

So I was wondering, does anyone know another place I could get the
MVT-7100 in the US.??

I know about javiation, in the UK, But Im worried about having service
done to the reciever after the april 26 deadline...

By the way has anyone done a good deal of business with javiation
they seemed to on the up and up...

Any info would help thanks,

--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }

469. Bought your Yupiteru MVT7100 in Japan?

Newsgroup: rec.radio.scanner
Date: 1994-01-19 18:14:50 UTC
From: max@netcom.com
Message-ID: <maxCJw2oq.Cv6@netcom.com>
Source record: 277767
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Hi,
I was wondering if anybody
bought their Yupiteru MVT7100 in Japan. If so, I'd like to know:
1. Where you bought it
2. Price
3. Did it come with a warranty
Any info would be much appreciated !
Thanx,
Michael

470. Re: pagers phooey!

Newsgroup: rec.radio.scanner
Date: 1994-01-19 18:33:06 UTC
From: tharrell@nmsu.edu
Message-ID: <2hjud2INN4a6@dns1.NMSU.Edu>
Source record: 277774

David Stark (David.Stark@p2.f333.n2613.z1.fidonet.org) wrote:
: > From: linley@netcom.com (Bruce James Robert Linley)
: > Organization: UCLA Alumni, B.S. Computer Science & Engineering

: > strong signal (Anyone hate pager signals as much as I do?), is

: We should start a Pager Haters club. :-)

I'd join.

--
tharrell@nmsu.edu

471. Wanted ** BC 200xlt **

Newsgroup: rec.radio.scanner
Date: 1994-01-19 18:46:10 UTC
From: Mack.Goodman@launchpad.unc.edu
Message-ID: <2hjv5i$hm9@samba.oit.unc.edu>
Source record: 277633

I want one but must be inexpensive. I know about Danmark. But I
am looking for one that someone is wanting to get rid of.
For much less than the Danmark 159.00 Price.
If you want to let me take that old scanner off your hands , let me
know.

Thanks, Also cellular restored is a plus ;)

Mack
mdgoodma@cbdcom.apgea.army.mil

--
The opinions expressed are not necessarily those of the University of
North Carolina at Chapel Hill, the Campus Office for Information
Technology, or the Experimental Bulletin Board Service.
internet: laUNChpad.unc.edu or 152.2.22.80

472. Re: Global Alert For All: Jesus is Coming Soon

Newsgroup: rec.radio.scanner
Date: 1994-01-19 19:08:00 UTC
From: jerry.smith@radiohobby.chigate.com
Message-ID: <853_9401192304@chigate.fidonet.org>
Source record: 277635

c> From: clarence@orion.cc.andrews.edu (Clarence L. Thomas IV)
c> Date: 17 Jan 1994 20:39:01 -0500

c> The earthquake in Los Angeles, California, the flood in Europe, the
c> seemingly unstoppable war in the former Yugoslavia, the devastating
c> fires in Australia, the flood in the Midwest of the United States of
c> America, the devastating fires near Los Angeles, California, the rapid
c> and appalling increase in violence in cities, towns, villages all over
c> the world, the famines, the diseases, the rapid decline of the family
c> unit, and the destructive earthquake in India (in 1993) are signs that
c> this world's history is coming to a climax. The human race has trampled
c> on God's Constitution, as given in Exodus 20:1-17 (King James Version
c> Bible), and Jesus is coming to set things right. These rapidly
c> accelerating signs are an indication that Jesus is coming soon (Matthew
c> 24).

(The rest of the message truncated.)

That's great, Clarence. Do you know the frequency Jesus is using so we
monitor him coming?

Jerry...Chicago

... wwwhhhoo...wwwhhhooo...Is this thing on?
* Evaluation copy of Silver Xpress. Day # 1

473. Re: cellular 30mhz jumps

Newsgroup: rec.radio.scanner
Date: 1994-01-19 19:42:31 UTC
From: bmiller@landesk.intel.com
Message-ID: <2hk2f7$207@ornews.intel.com>
Source record: 277766

In article <caliban.758981353@soda> caliban@soda.berkeley.edu (rocky mullin) writes:
>
> a quick question: why does my scanner scan the cellular
> range in 30mhz intervals? am i missing anything?
>
> cali
>
>

That is the correct spacing between cellular frequencies. You will
not miss anything with this spacing (at least here in the USA)

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

474. Re: CellPhones "imaging" to 2 meters?!

Newsgroup: rec.radio.scanner
Date: 1994-01-19 19:43:26 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2hk2gu$ltb@slinky.cs.nyu.edu>
Source record: 277770

|> BTW:Anyone know what frequency do cellphones _transmit_ on????

Our 800MHz band plan states that inputs are 45MHz _below_ the outputs. That's why when you have long lists of frequencies that part of a trunked system, you generally only hear things on half of them. I've also seen UPS and FedEx (possibly) follow at approximately 39MHz down in the 900MHz range.

Who makes up these splits?

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Commercial sign in 5, 4, 3, 2... commercial sign now" Gamera Rules!

475. Need advice

Newsgroup: rec.radio.scanner
Date: 1994-01-19 20:43:51 UTC
From: merlin@rci.ripco.com
Message-ID: <CJw9L3.Aw3@rci.ripco.com>
Source record: 277772
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I'm looking to buy a scanner. I'd prefer either a mobile/base scannner, or a hand-held. I'd like to be able to use it my car too. I'd also like to have the cellular freqs. What should I buy? My price ranger is under $200, preferably $150.

--

| Brian Newman |
| merlin@foley.ripco.com |
----

476. Re: Bought your Yupiteru MVT7100 in Japan?

Newsgroup: rec.radio.scanner
Date: 1994-01-19 20:58:52 UTC
From: schuster@panix.com
Message-ID: <2hk6uc$akt@panix2.panix.com>
Source record: 277773
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <maxCJw2oq.Cv6@netcom.com>,
Michael Max Stoaks <max@netcom.com> wrote:
>Hi,
>I was wondering if anybody
>bought their Yupiteru MVT7100 in Japan.

The model sold in Japan has numerous frequency ranges excluded.
You have to modify the radio for full coverage. Just be aware.
--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

477. Re: MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-19 21:01:38 UTC
From: schuster@panix.com
Message-ID: <2hk73i$aov@panix2.panix.com>
Source record: 277764

In article <CJw0w1.C6n@noose.ecn.purdue.edu>,
Jason A Kronz <kronz@woodling.ecn.purdue.edu> wrote:
>Hello again,
>
> I took the advice of everyone who replied to my message about
>having the aor-1500. I took it back and am now in the market for
>the MVT-7100.
>
> The problem is that ACE communications is the ONLY US
>distributer that I know of and they have a 14 week wait. And
>theres are cell locked...
>
>So I was wondering, does anyone know another place I could get the
>MVT-7100 in the US.??
>
>I know about javiation, in the UK, But Im worried about having service
>done to the reciever after the april 26 deadline...
>
>By the way has anyone done a good deal of business with javiation
>they seemed to on the up and up...

Countless people on CompuServe, Genie, and the Internet have bought Yupiteru scanners from Javiation (Jonathan Clough). Many of us now consider him to be our friend. While a small business, his is legitimate, honest, and well-regarded. I understand your concerns (above) but unfortunately have no answer for what will happen after April. Why not give him a call (fastest way) and get his opinions.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

478. Re: Report: HAM predicted LA Quake weekend before - any details?

Newsgroup: rec.radio.scanner
Date: 1994-01-19 22:27:49 UTC
From: jherman@uhunix3.uhcc.Hawaii.Edu
Message-ID: <CJwEED.9pz@news.Hawaii.Edu>
Source record: 277667
Cross-posted to:
misc.emerg-services,misc.forsale,rec.radio.scanner,cmu.student.amateur-radio,rec.radio.shortwave,rec.radio.swap,cmu.cs.market

Jeff NH6IL

P.S. Please note the multiple cross-postings above that the originator
put in; maybe a few should be deleted (such as rec.radio.swap)

479. A Review!

Newsgroup: rec.radio.scanner
Date: 1994-01-19 22:52:45 UTC
From: djc@terapin.com
Message-ID: <djc.2a4o@terapin.com>
Source record: 277629

NEW TECHNOLOGY

I'd like to tell you about a new FM, AM/Stereo Walkman that has just come on the Market from Sony. This Radio does not have either a tape deck, nor a speaker in it and is almost Credit Card size. It takes 2 Pen Light Batteries and plugs in to a standard set of Walkman Earphones.
The radio has a Slide On/Off switch located on the front of the set. On the Right side of the set is a slide switch.

Nearest the top of the unit the setting is FM which is full Stereo. Moving the switch down one notch is AM/Mono and moving the switch to the bottom produces AM/Stereo. On the top Back right of the set you will find the tuning dile and on the left side you will find the Volume control. The Jack for the Earphones is located on the top left of the set and on the back of the set you can install the snap on belt clip. At the bottom of the set on the rear is the battery compartment.
This unit uses a New Motorola Chip and I Purchased it here in The Bay Area from I.R.T.I. which is located in Mountainview, Ca. The price is $32 pluss $2.39 for shipping via U.P.S.
There are several stations broadcasting in AM/Stereo and I find the Stereo to be reasonably True on AM. As the Decoding is diferent on Am compared to FM the sound of the stereo is slightly diferent but it seems to be reasonably accurate. The Model number of this unit is SRF42/BM and I encourage you to Purchase this newest Technology. I found it's performance excellent on AM and FM.
I assume that Sony dealers can get this set for you but you may order the set through I.R.T.I. at either (415) 961-3161 or (800) 322-4784. If you order this interesting Technology I'd be interested in your comments and if you call I.R.T.I. to order, Please let the friendly person you talk with know that you heard about this unit from Don Coco in Oakland, Ca. I am a totally blind person and whenever new interesting technology comes along I try to buy it and let you know my observations about it. I do not work for I.R.T.I. but have done business with the owner, who is a blind person himself and who sells fine Electronics for people, since 1990. May you become the first person on your block to Tell your Neighbors that you can listen to AM/Stereo.

djc@terapin.com Out!

480. Re: cellular 30mhz jumps

Newsgroup: rec.radio.scanner
Date: 1994-01-19 23:44:23 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-190194154557@earl.llnl.gov>
Source record: 277628

In article <2hk2f7$207@ornews.intel.com>, bmiller@landesk.intel.com (Brett Miller - Support Engineer) wrote:
>
> In article <caliban.758981353@soda> caliban@soda.berkeley.edu (rocky mullin) writes:
> >
> > a quick question: why does my scanner scan the cellular
> > range in 30mhz intervals? am i missing anything?
> >
> > cali
> >
> >
>
> That is the correct spacing between cellular frequencies. You will
> not miss anything with this spacing (at least here in the USA)
>

Try 30 Khz.

Gary

The comments expressed above do not reflect the opinions of LLNL.

Gary Ross
Lawrence Livermore National Laboratory
NOVA Laser Operations
P.O. Box 808, L-489
Livermore, CA 94551
(Ross@novax.llnl.gov)
AOL: Rossman

481. Re: Global Alert For All: Jesus is Coming Soon

Newsgroup: rec.radio.scanner
Date: 1994-01-20 01:06:04 UTC
From: jerry.smith@radiohobby.chigate.com
Message-ID: <855_9401192304@chigate.fidonet.org>
Source record: 277636

b> You forgot to include which frequencies God can be monitored on.

I believe he uses a satelitte frequency, Brent.

Ha ha ahha

Jerry

... Could someone PLEASE send some warm weather?
* Evaluation copy of Silver Xpress. Day # 1

482. Re: Opinions on BC8500XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-20 01:12:00 UTC
From: jerry.smith@radiohobby.chigate.com
Message-ID: <856_9401192304@chigate.fidonet.org>
Source record: 277637

s> Anyways, I'm in the market for a scanner. I'm looking at the 8500 as
s> well. I need CTCSS capability, 200 channels, 800mhz capability
s> (cellphones would be nice but not necessary). Any suggestions. I've
s> currently got a BC760 and BC590.

Hi, Steve...
I didn't purchase one because of the problems I have read about on CompuServe. The two major complaints are poor sensitivity and lots of intermod. I heard that the BC 760 is a good unit. Someone on CompuServe had one for awhile. The 760 has CTCSS capability. However, I believe Uniden said that not all of the frequencies are covered with the CTCSS board. Maybe someone could fill in the blanks on this.

Jerry...Chicago

... wwwhhhoo...wwwhhhooo...Is this thing on?
* Evaluation copy of Silver Xpress. Day # 1

483. Re: Request for PRO-46 info

Newsgroup: rec.radio.scanner
Date: 1994-01-20 01:16:00 UTC
From: jerry.smith@radiohobby.chigate.com
Message-ID: <857_9401192304@chigate.fidonet.org>
Source record: 277638

s> I have purchased a Radio Shack Pro-46 this last weekend and would like
s> anyone who has information on mods to extend coverage or improve scan
s> speed to let me know what the changes are. Thanks in advance for your
s> information.

Hi, Steve...

Product: Realistic PRO-46 by Radio Shack
Purpose: Restoration of full 800 Mhz coverage

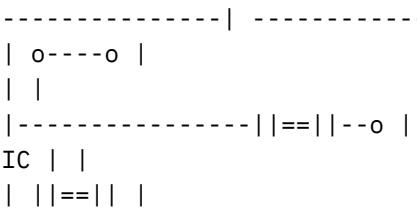
The modification of this unit is from the May, 1993 issue of
Monitoring Times, published by Grove Enterprises.

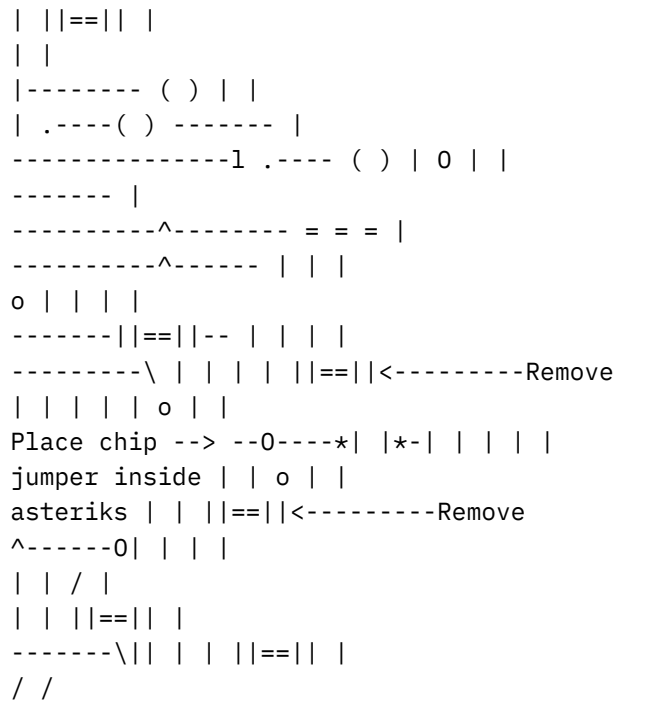
** Disclaimer: All modifications are done at your own risk. This
product uses surface mount components which can be easily damaged.
Do not perform this modification if you are not experienced with
this type of circuitry. This will void the warranty of your scanner.

** Listening to certain portions of the 800 Mhz band is prohibitted
by United States law.

Modification of PRO-46 for full 800 Mhz coverage with 30 Khz stepping
available.

1. Remove the battery pack, battery door and antenna.
2. Remove the four black screws from the back of the radio, then
push upward on the bottom of the rear of the case, carefully
swinging it upward and removing it.
3. Carefully insert a small screwdriver between the two boards
next to the interconnect plug in the lower right corner. Gently
pry the top board up to separate it and set it aside.
4. Unsolder the copper-coated plastic shield from the microprocessor
and set it aside. ** CAUTION!! Too much heat will damage the
shield. **
5. Locate the two chip jumpers imprinted with "0". Carefully unsolder
and remove both.
6. Solder one chip jumper across the two upper most unused solder
pads. (Soldering a jumper across the lower two pads changes the
30-50 Mhz band to 68-88 Mhz.)
7. Reverse steps 1-4. The modification is completed.





Enjoy...Jerry...Chicago

... Uh, we're like, uh, closed or something
* Evaluation copy of Silver Xpress. Day # 1

484. Re: Report: HAM predicted LA Quake weekend before - any details?

Newsgroup: rec.radio.scanner
Date: 1994-01-20 01:31:15 UTC
From: Jenny Ladd <jny+@CMU.EDU>
Message-ID: <4hDRvXy00iUy8=Z5pn@andrew.cmu.edu>
Source record: 277625
Cross-posted to: rec.radio.scanner,cmu.student.amateur-radio,rec.radio.shortwave,misc.emerg-services

They had a blurb about this guy on one of the stupid TeeVee rag-shows which I caught. In the interview he mentioned that he used to be a stereo repairman and noticed something on his 'scope about four hours before a quake, and started watching for it.

While not radio oriented, it's been widely discussed by cat fanciers that cats invariably seem know about a quake around 6-8 hours before it happens. Like dogs hearing supersonics that humans can't hear, I wouldn't be suprised that cats may be able to sense the same RF that Cole is seeing with his gear. I wouldn't write this guy off as a complete flake, especially since he seems to be interested in studying this in the same vein as weather forcasting.

-jny

485. Re: HELP! Sick BC100XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-20 02:44:14 UTC
From: BOZOBROWN@delphi.com
Message-ID: <940119.78254.BOZOBROWN@delphi.com>
Source record: 277630

Hey! I thought I'd jump in here. I've got a BC100XLT and know a little about the problems you're having. One thing, my BC100XLT has a lithium battery backup, but I don't think the earlier models do. If you put yours away for a long period without your nicad attached and it didn't lose memory, then you do have a lithium battery. Technically, if you disconnect the nicad, the memory will be lost in less than 30 minutes if it has no lithium battery. Now, for your low battery indicator. YES, there is a mod for that. I have it if you want it, it's really pretty easy. I haven't done mine because it's still strong and I like to know when I really need to charge it. I modified my BC100XLT in only one way, I added another 100 channels of memory for under $25.00, which I thought was well worth the price, making 200 channels of memory altogether. Another 200 channels can be added, but I opted not to go that far with it. Unfortunately, I did not get the entire thread and do not know what error message you were talking about or what you mean when you said something about it not searching anymore. Provide the data and I'll be glad to help if I can! :-)

486. Re: cellular 30mhz jumps

Newsgroup: rec.radio.scanner
Date: 1994-01-20 04:30:34 UTC
From: jerry.smith@radiohobby.chigate.com
Message-ID: <888_9401201730@chigate.fidonet.org>
Source record: 277659

c> a quick question: why does my scanner scan the cellular
c> range in 30mhz intervals? am i missing anything?

c> cali

Hi, Cali...
Do you mean 30 khz intervals? The typical channel spacing for cellular
phone channels is 30 khz. So, you aren't missing anything.

Jerry...Chicago

... wwwhhhoo...wwwhhhooo...Is this thing on?
* Evaluation copy of Silver Xpress. Day # 1

487. Re: cellular 30mhz jumps

Newsgroup: rec.radio.scanner
Date: 1994-01-20 06:48:49 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Jan20.014849.1@uoft02.utoledo.edu>
Source record: 277642

In article <caliban.758981353@soda>, caliban@soda.berkeley.edu (rocky mullin) writes:
>
> a quick question: why does my scanner scan the cellular
> range in 30mhz intervals? am i missing anything?
>
> cali
>
> It searches the cellular rang in 30 khz steps because that is the way
the cellular band is allocated.This is the way you WANT your scanner to
search.You arent missing a thing!

488. Re: spy scanner????

Newsgroup: rec.radio.scanner
Date: 1994-01-20 06:53:14 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2hl9oq$qt4@umcc.umcc.umich.edu>
Source record: 277640

I responded to that item, to try to stop people from thinking that AOR AR-1000XLT he was selling was some sort of secret spy device, as the seller clearly tried to imply.

His price of $250 is OK, but the AR-1000 was never an outstanding radio, & there are a few out these days that are a lot better.

The AR-1000 is simply a commercial, broad-band handheld scanning communications receiver, commonly referred to as a 'police scanner.'

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

489. Re: Mir space station

Newsgroup: rec.radio.scanner
Date: 1994-01-20 08:08:00 UTC
From: ronald@prins.hacktic.nl
Message-ID: <gate.Z2cggc1w165w@prins.hacktic.nl>
Source record: 277662

jsimmer@cmsa.gmr.com (Joe Simmer) writes:

>Hello,
>
>I know that the Mir space stations sometimes sends out digital audio on
>145.55Mhz. What I am wondering is has anyone ever heard non-digital audio
>from the Mir? I've been scanning for the last week and have heard nothing but
>data packets.

143.625 MHz (russian)

---
ronald@prins.hacktic.nl
---

490. Re: Can Scanners Receive TV stations?

Newsgroup: rec.radio.scanner
Date: 1994-01-20 09:35:51 UTC
From: asirene@ntuvax.ntu.ac.sg
Message-ID: <1994Jan20.173551.1@ntuvax.ntu.ac.sg>
Source record: 277641

In article <edgrantCJp2J5.C5t@netcom.com>, edgrant@netcom.com (Edward L. Grant J
r) writes:
> Can scanners receive TV stations. If they can, could you give me the
>frequencies that they are found on.
>
> Thanks
>--

Well the FRG-9600 (and FRG-965 as it is sometimes called), can receive
not only the audio subcarrier of all TV channels but also includes an optional
US$20-30 module which allows viewing on a composite monitor. This is for NTSC
but can be used for ATV as well. Conversion to PAL is a trivial change of the
on board 4.5 mHz ceramic filter to a 5.5 mHz filter. The YAESU FRG-9600 has a
coverage of 60-905 typically but can be modified to cover up to 950 with no gaps
in between. A really cool radio.

73 de 9VG Daniel

491. Police Freq's for Seattle Wanted

Newsgroup: rec.radio.scanner
Date: 1994-01-20 10:04:42 UTC
From: graphic@eskimo.com
Message-ID: <CJxAo4.A3u@eskimo.com>
Source record: 277580

[No readable article body recovered]

492. Monthly Post of SWL and Scanner clubs

Newsgroup: rec.radio.scanner
Date: 1994-01-20 12:44:06 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Jan20.124406.25620@rsd0.rsd.dl.nec.com>
Source record: 277643
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Ralph Brandi and a few others have posted info on clubs and their value with regard to SWL and scanner info. I have talked to Ralph about adding the following list to the FAQ but he is not able to do that at this time. So I will post this list once a month in order to encourage everyone to join and support a club which caters to your personal interests.

The following list contains the name of the club, a contact with address and (possibly) phone number, the area of interest and the name of their news letter, if any. Please send any corrections to me (address in sig).

All Ohio Scanner Club
Dave Marshall
50 Villa Rd.,
Springfield, OH 45503-1036
Ohio and surrounding states; VHF/UHF and some HF and amateur coverage.
American Scannergram.

American SW Listener's Club
Stewart MacKenzie, WDX6AA
16182 Ballad Lane
Huntington Beach. CA 92649
(714) 846-1685.
Western US, Pacific, Asia, & Middle East; SWBC, utilities, longwave.
SWL

Association of Clandestlne Enthusiasts (A.C.E.)
Kirk Baxter,
P.O Box 11201
Shawnee Mission, KS 66207
US, Europe and Middle East; Pirate and clandestine.
The A.C.E.

Association of DX Reporters (ADXR)
Reuben Dagold
7008 Plymouth Rd.
Baltimore, MD 21208
International; Utilities, ham band, QSLing. MW, LW, and SWBC.
DX Reporter.

Association of Manitoba DX'ers (AMANDX)
Shawn Axelrod
30 Becontree Bay

Winnipeg, Manitoba. R2N 2X9 Canada
(204) 253-8644.
Manitoba; LW, MW, SW, and VHF/UHF.

Bay Area Scanner Enthusiasts
105 Seffa Way #363
Milpitas. CA 95035.
Western U.S.; 30+ MHz.
Listening Post

Bayonne Emergency Radio Network (BERN)
Ray Baron
PO. Box 1203
Bayonne, NJ 07002
201-662-2222
NE Jersey; Fire/disaster.

Bearcat Radio Club
Larry Miller
Box 360
Wagontown, PA 19376
1-800-423-1331
US and Canada; Scanning only.
National Scanning Report.

Boston Area DXers
Paul Graveline
9 Stifling St.
Andover, MA 01810
(508)470-1971
50 mile radius Boston; SWBC.

British DX Club
Colin Wright
54 Birkhall Road
Catford, London, SE61TE, United Kingdom
UK and international. SW, MW. AM, FM DXing, pirate and clandestine radio.
Communication. Sample 3 IRCs or $2 US cash.

Canadian lnt'l DX Club
Sheldon Harvey, President
79 Kipps St.
Greenfield Pk.
Quebec , Canada J4V 381
(514)462-1459
Canada nationwide/membership open to all; General coverage.
The Messenger

Capitol Hill Monitors
Alan Henney
6912 Prince Georges Ave
Takoma Park, MD 20912-5414

(301) 270-2531.
DC, MD, No. VA. So. DE. Scanner bands.
Capitol Hill Monitor.

Central Florida Listeners Group
David Grubbs
956 Woodrose Court
Altamonte Springs, FL 32714-1261
(407) 273-5088 (Andy Fountain)
Central Florida; All bands. Net on 146.73 MHz Sun 8 pm.

Central Indiana Shortwave Club
Steve Hammer
2517 E. DePauw Road
Indianapolis, IN 46227-4404
Central Indiana; SW broadcasting, pirates. and the offbeat.
Shortwave Oddities

Central VA Radio Enthusiasts
Alien Cole
POB 34832
Richmond, VA 23234-0832
Richmond and nearby cities VHF/UHF. SASE. No newsletter. no dues.

Chicago Area DX Club
Edward G. Stroh
53 Arrowhead Dr.
Thornton, IL 60476
150 mile radius of Chicago; Dxing all bands.
DX Chicago

Chicago Area Radio Monitoring Association (CARMA)
Ted & Kim Moran
6536 N. Francisco 3E
Chicago, IL 60645
Chicago & midwest. Public safety & general coverage.
CARMA Newsletter.

Cincinnati Area Monitoring Exchange (MONIX)
Mark Meece
7917 Third St.
West Chester, OH 45069-2212.. SE
Indiana, Kentucky, SW Ohio; SWBC. utility. military. satellites. scanning. BCB.

Communications Research Group
Scott Miller
122 Greenbriar Drive
Sun Prairie, WI 53590-1706
Wisconsin area. Scanning.

DecalcoMania
Paul Richards
P.O. Box 126,

Lincroft, NJ 07738
(206) 356-3927 (Phil)
Collecting radio related items.

DMS-News
Jerry Pickard
8961 Magnolia Ave #59
Santee, CA 92071.
Nationwide; VHF/UHF
Dreaded Mod Sheet.

Drake SPR4 Int'l Club
Bill Swigger
Route 142, Box A,
Bridgeport. WV 26330
Worldwide; Drake SPR4 owners.

DX Audio Service (NRC)
NRC Publications Center
P.O Box 164
MannsviIle. NY 13661-0164
Worldwide; AM/FM;
DXAS Cassette 90-min monthly audio magazine. Sample $3 to above address

DX Australia
P O. Box 422
Moonee Ponds, Victoria 3039, Australia
MW. SW.
DXers Calling

DX Club of India
Navin Patel
809, M.G. Road, 1-Dutt
Niwas, Mulund, Bombay-400 080, India
India; SW DXing

DX Club Paulista
Marceio Toniolo Dos Anjos
C. Postal 592
Sao Carlos - SP (Brasil), 13560-970
South America. Shortwave, including utilities.
Actividade DX (in Porluguese)

Finnish DX Association
Mr. Arto Mujunen
Suomen DX-Liitto
PO. Box 454
SF-00101 Helsinki, Finland
+38-0-8512410
Finland and worldwide. SW and BCB
Radiomaailma

Fire Net
Tom Kravitz
Box 1307
Culver City, CA 90232
310-838-1436
Southern Califomia
alpha-numeric paging fire notification net, tied in with nationwide net.

Friendship DXers Club
Ing. Santiago San Gil Gonzaiez
C.DX.A - International
P.O. Box 202
Barinas 5201-a
Estado Barinas, Venezuela
International. DXing all bands. Cadena DX. YV-2-FSW, Sunday 1130-1330 UTC
on 7113 and 14113 kHz. Membership free.

Houston Area Scanners & Monitoring Club
909 Michael
Alvin. TX 77511
(713) 388-1941
75 mile radius of Houston, TX; scanning & SW.

International Listeners Organization
Mohsin Abbas.
St. Nisar Ali Shah Ahamed Pura, Sheikhupura, Pakistan,
1-(50359) 2-(50561). South Asia. Broadcasting. Listener
Times.

Int'l Radio Club of America (IRCA)
Ralph Sanserino
P.O. Box 70223
Riverside. CA 92503
Worldwide; BCB/AM DX.
DX Monitor.

Long Island Sounds
Ed
2134 Decker Ave
North Merrick, NY 11566
Public Safety. Net Tues 8pm 146.805
Newsletter.

Longwave Club of America
Bill Oliver
45 Wildflower Rd
Levittown, PA 19057
(215)945-0543
Worldwide; Longwave only.
The Lowdown

Metro Radio System
Julian Olansky

P.O. Box 26
Newton Highlands, MA 02161
(617)969-3000
New England states; Public Safety. M.R.S.
Newsletter.

Michigan Area Radio Enthusiasts
Bob Walker
P.O Box 81621
Rochester, MI 48308
Michigan & surrounding; All bands.
Great Lakes Monitor

Minnesota DX Club
AI Samson
8367 Monroe St. NE
Spring Lake Park, MN 55432
612-786-5915
Twin cities area; SW, MW, TV, FM, utilities.
MDXC Newsietter

MONIX (Cincinnati/Dayton Area Monitoring Exchange)
Mark Meece
7917 3rd St.
West Chester, 0H 45069-2212
(513)777-2909
Cincinnati/Dayton area; Full spectrum SW and scaning.

Mountain NewsNet
James Richardson
P.O. Box 621124
Littleton, CO 80162-1124
(303) 933-2195
Colorado statewide. Public Safety notification group.

National Radio Club
Paul Swearingen, Publisher
P.O. Box 5711, Topeka, KS 66605-0711
Worldwide; AM/FM. DX News 30 times yearly, sample for a 29 cent stamp.

NYC Radio Fre(ak)Qs
Joe Alverson
199 Barnard Ave
Staten stand, NY 10307
718-317-5556
NY boros & LI; VHF/UHF/HF utilities.

New Zealand Radio DX League
P.O. Box 3011
Auckland, New Zealand
MW, SW, FM, TV
New Zealand DX Times

New Zealand DX Radio Association
Mr. R. Dickson
88 Cockerell St.
Brookville, Dunedin
New Zealand
MW, SW, amateur and utilities
Tune-In

North American SW Assoc.
Bob Brown, Executive Dir.
45 Wildflower Lane, Levittown, PA 19057
Worldwide; Shortwave broadcast only
The Journal

North Central Texas SWL Club
Alton Coffey
1830 Wildwood Drive
Grand Prairie, TX 75050
N. Central TX area. All bands

Northeast Ohio SWL/DXers
Donald J. Weber
P.O. Box 652
Westlake, OH 44145-0652.
NE Ohio; SWBC and utilities

Northeast Scanner Club
Les Mattson
P .0. Box 62,
Gibbstown, NJ 08027
(609) 423-1603 evenings.
Maine thru Virginia; UHFNHF public safety, aircraft, military
Northeast Scanning News (NESN).

Ontario DX Association
Harold Sellers, General Mgr.
P.O. Box 161
Station A, Willowdale, Ontario
M2N 5S8, Canada
(416) 853-3169 voice & fax, (416) 444-3526
DX-Change information svce. Predominantly Province of Ontario; SWBC,
utility MW FM- TV, scann ng, techn cal, propagation.
DX Ontario

Pacific NW/BC DX Club
Phil Bytheway
9705 Mary NW
Seattle, WA 98117
(206) 356-3927
WA OR, ID, BC; DXing all bands

Pakistan SW Listeners Club
Mrs. Fatima Naseem

Sultanpura, Sheikhupura, 39350 Pakistan
Pakistan; SWBC.

Pitt Cty SW Listeners Club
L. Neal Sumrell
Rt. 1 Box 276
Sumrell Rd.
Ayden, NC 28513-9715.
Eastern NC, Shortwave bands
The DX Listeners

Puna DX Club
Jerry Witham
P.O. Box 596
Keaau, HI 96749
SW and MW

QSL Club de France
Patrick Frigerio
40 Rue de Haguenau
67700 Saverne, France
All bands
Courrier(in French). 6 bulletins 42 FF EEC 12 IRCs elsewhere 16 IRCs.

Radio Monitors of Maryland
Ron Bruckman
P.O. Box 394
Hampstead, MD 21074.
Maryland VHF/UHF/HF utilities
Radio Monitors Newsletter of MD

RCMA (Radio Communications Monitoring Assn.)
Carol Ruth, Gen'l Mgr.
P.O. Box 542
Silverado, CA 92676
North America, Europe, Australia; All modes above 30 MHz.
RCMA Journal.

Regional Communications Network (RCN)
Bill Morris, Public Info. Officer
Box 83-M, Carlstadt, NJ 07072-0083
50 mile radius of NY City; 2-way Radio Public safety notification group.

Rocky Mountain Radio Listeners
Wayne Heinen
4131 S. Andes Way
Aurora, CO 80013-3831
Colorado Front Range; All bands. Annual meeting calendar for an SASE.

Southern California Area DXers (S.C.A.D.S.)
Don R. Schmidt
3809 Rose Ave.
Long Beach, CA 90807-4334

(310) 424-4634
California area; AM, FM, TV, scanner and shortwave broadcasting.

Southern Cross DX Club Inc.
G.P.0. Box 1487,
Adelaide, SA 5001, Australia
Australia, New Zealand, South Pacific; All bands.
DX Post

SPEEDX (Society to Preserve the Engrossing Enjoyment of DXing)
Bob Thunberg,Business Mgr
P.O. Box 196, DuBois, PA 15801-0196
Worldwide; SWBC, utilities.
SPEEDX monthly newsletter

Susquehanna City Scanner Club
Alan D. Grick
P.O. Box 23
Prospect St.
Montrose, PA 18801.
PA area; Scanning all bands.

Toledo Area Radio Enthusiasts
Ernie Dellinger, N8PFA
6629 Sue Lane
Maumee, OH 43537
NW Ohio and SE Michigan; Shortwave, scanning, amateur.

Triangle Area Scanner/SW Listening Group
Curt Phillips, KD4YU
P,O. Box 28587, Raleigh, NC 27611
Central NC.

Wasatch Scanner Club
Jon Van Allen
2872 West 7140 South
West Jordan, UT 84084
State of Utah. VHF/UHF
Newsletter/directory

World DX Club
Arthur Ward
17 Motspur Drive,
Northampton, England NN2 6LY
(in USA-Richard D'Angelo, 2216 Burkey Drive, Wyomissing. PA 19610)
UK and worldwide, SW, MW broadcasting DX, FM & TV DX, amateur radio.
Contact

WorldwideTV/FM DXers Association (WTFDA)
P.O. Box 514
Buffalo, NY 14205-0514
World-wide membership; TV, FM, NWS.

Scanning Wisconsin
Ken Bitter
S. 67 W.
17912 Pearl Dr.
Muskego, WI 53150-9608
(414) 679 9442
Wisconsin. VHF/UHF
Scanning Wisconsin ($2 for sample)

==========

Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

If you can't see the sky from where you work it's time to change jobs.

493. PRO46 freq ranges

Newsgroup: rec.radio.scanner
Date: 1994-01-20 13:46:49 UTC
From: lmctrle@LMC.Ericsson.SE
Message-ID: <1994Jan20.134649.5226@exu.ericsson.se>
Source record: 277644
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I just noticed that PRO46 sold in Canada has freq ranges up to 956 Mhz (806-956) whereas its sibling in the States can receive freqs between 806 Mhz and 1126 Mhz. Anyone has any truth to this and are there any mods to restore the missing freqs?

Thanks,

/Trien

494. Thank-you

Newsgroup: rec.radio.scanner
Date: 1994-01-20 13:49:57 UTC
From: lmctrle@LMC.Ericsson.SE
Message-ID: <1994Jan20.134957.5325@exu.ericsson.se>
Source record: 277645
Cross-posted to: alt.radio.scanner,rec.radio.scanner

A hefty thank to all of you who emailed me the Grove 800 number.

/Trien

495. Re: Report: HAM predicted LA Quake weekend before - any details?

Newsgroup: rec.radio.scanner
Date: 1994-01-20 15:13:56 UTC
From: bmiller@landesk.intel.com
Message-ID: <2hm73k$e5s@ornews.intel.com>
Source record: 277646
Cross-posted to: rec.radio.scanner,cmu.student.amateur-radio,rec.radio.shortwave,misc.emerg-services

In article <4hDRvXy00iUy8=Z5pn@andrew.cmu.edu> Jenny Ladd <jny+@CMU.EDU> writes:
>They had a blurb about this guy on one of the stupid TeeVee rag-shows
>which I caught. In the interview he mentioned that he used to be a
>stereo repairman and noticed something on his 'scope about four hours
>before a quake, and started watching for it.
>
>While not radio oriented, it's been widely discussed by cat fanciers
>that cats invariably seem know about a quake around 6-8 hours before it
>happens. Like dogs hearing supersonics that humans can't hear, I
>wouldn't be suprised that cats may be able to sense the same RF that
>Cole is seeing with his gear. I wouldn't write this guy off as a
>complete flake, especially since he seems to be interested in studying
>this in the same vein as weather forcasting.
>
>-jny
>
>
>
>
>

Although this is only slightly related to radio...
In the case of dogs and cats, the have a concentration of a substance
called magnetite (sp?) in a frontal lobe of the brain. This substance
is highly magnetic. Scientists theorize that the fluctuations in the
earths magnetic field prior to an earthquake, cause slight pain in
some animals --they get a headache. Many animals have been observed to
try to sooth this pain by eating tree bark and plants that contain
natural pain killers. THis explains why so many pets run away or act
strange prior to an earthquake.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

496. Re: Report: HAM predicted LA Quake weekend before - any details?

Newsgroup: rec.radio.scanner
Date: 1994-01-20 15:31:25 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2hm84d$j65@slinky.cs.nyu.edu>
Source record: 277649
Cross-posted to: rec.radio.scanner,cmu.student.amateur-radio,rec.radio.shortwave,misc.emerg-services

|> cats invariably seem know about a quake around 6-8 hours before it
|> happens.

I must say, I spoke with my sister in Los Angeles a few hours after everything settled, and she told me that the normally well behaving cats they have in the house were shrieking and fighting from midnight on.. very spooky

|> cats may be able to sense the same RF . . .

I know sharks can sense magnetism and electricity of living animals, but I doubt cats can sense _RF_ signals.. I know they can feel something in the air, but RF seems a little out of reach.

Can they or what?

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Commercial sign in 5, 4, 3, 2... commercial sign now"

497. Recorder Recommendations ????

Newsgroup: rec.radio.scanner
Date: 1994-01-20 16:36:52 UTC
From: rflood@cis.umassd.edu
Message-ID: <CJxstH.MAo@umassd.edu>
Source record: 277647
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone have any recommendations for a voice activated recorder.

-Rich

498. ICOM R7100 v. AR3000

Newsgroup: rec.radio.scanner
Date: 1994-01-20 17:17:32 UTC
From: rkeefe@indyvax.iupui.edu
Message-ID: <1994Jan20.121732.3280@ivax>
Source record: 277650

If you have an experienced opinion of the ICOM R7100 and/or the AR 3000 please post or email me. Thanks.

Rob Keefe <rkeefe@indyvax.iupui.edu>

499. Pro 30 Scanner for sale

Newsgroup: rec.radio.scanner
Date: 1994-01-20 17:26:35 UTC
From: rays@elm.lle.rochester.edu
Message-ID: <1994Jan20.172635.17959@galileo.cc.rochester.edu>
Source record: 277651

```
FOR SALE:

Realistic Pro 30 Hand held scanner

Freq range
30 - 54 Mhz
108 - 136 Mhz
138 - 174 Mhz
380 -512 Mhz

This is a great full featured scanner.

numeric pad for entry
16 channels
backlit LCD
long battery life

includes service manual.

Price $65.00 or Best Offer

Ray Stewart

Home 716 244 3771
Work 716 275 4425
--
----------------------------------------
Standard disclaimers are in full effect.
```

500. Re: Bought your Yupiteru MVT7100 in Japan?

Newsgroup: rec.radio.scanner
Date: 1994-01-20 17:49:15 UTC
From: gesman@vnet.ibm.com
Message-ID: <CJxw63.pFr@hawnews.watson.ibm.com>
Source record: 277648
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In <maxCJw2oq.Cv6@netcom.com>, max@netcom.com (Michael Max Stoaks) writes:
>Hi,
>I was wondering if anybody
>bought their Yupiteru MVT7100 in Japan. If so, I'd like to know:
>1. Where you bought it
>2. Price
>3. Did it come with a warranty
>Any info would be much appreciated !
>Thanx,
>Michael

I didn't bought it in Japan (or anywhere else either yet! :)) but I would suspect, that it will have cell. frequencies eliminated for Japan market. Consider that.

--
G.Esman.

501. rf460X (new amp) for sale

Newsgroup: rec.radio.scanner
Date: 1994-01-20 19:34:19 UTC
From: kirk@hpcc01.corp.hp.com
Message-ID: <71960004@hpcc01.corp.hp.com>
Source record: 277654

Brand new rf460x (Rockford Fosgate) amp....still in factory wrapper.
$250 or best offer.
I'll post the specs after the weekend, but leave it to say that
they've really improved it over the older rf460sd.

4x60 WPC .....
adjustable crossovers (HP, LP and none)
bridgeable
configurable

I got an a/d/s 6.25 for these features and it costs much more (my rf460sd
went out and they couldn't fix it so they gave me a new and improved amp)

Kirk Lindstroma
=> "We are what we pretend to be." - Kurt Vonnegut Jr.
+---+
Kirk Lindstrom - OCD Product R & D	Hewlett-Packard Co. M/S: 91UA
Engineer/Scientist, Hardware	
-----------------------------------	Optical Communication Division
kirk_lindstrom@sj.hp.com	
Kirk Lindstrom / HP0100/UX	370 W. Trimble Rd.
ph 408 435 6404	fax 408 435 6286	San Jose, CA 95131-1096
+---+

502. AOR AR1000XLT vs. Yupiteru MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-20 19:40:46 UTC
From: baum@ukraine.corp.mot.com
Message-ID: <1994Jan20.194046.14316@lmpsbbs.comm.mot.com>
Source record: 277661

I am trying to determine whether the ~$600 Yupiteru MVT-7100 is worth the extra money over the ~$400 AOR AR1000XLT for a person that is not interested in listening to single side band. I realize that the Yupiteru has a much better user interface, but the AOR is fairly easy to use with some practice and the help of Howard Bornstein's (sp?) Guide to the AR1000. The sensitivity specs of the AR1000XLT seem to be better than the Yupiteru in most frequency ranges. How do these units compare in selectivity and in strong signal areas (dynamic range)? Any other areas of performance where the Yupiteru is clearly superior?

Kevin Baum

503. Re: Mir space station

Newsgroup: rec.radio.scanner
Date: 1994-01-20 20:49:25 UTC
From: damelio@bedford.progress.com
Message-ID: <2hmqol$sql@progress.progress.com>
Source record: 277663

Joe Simmer (jsimmer@cmsa.gmr.com) wrote:
: Hello,

: I know that the Mir space stations sometimes sends out digital audio on
: 145.55Mhz. What I am wondering is has anyone ever heard non-digital audio
: from the Mir? I've been scanning for the last week and have heard nothing but
: data packets.

I spoke with them in, 92 I think, from my TRUCK!. No kidding. I started hearing all these stations trying so I figured I would give it a shot. I put the Yeasu FT-2400 to 50 watts through an 5/8 wave Larson. Suddenly, In broken english I heard "November One Kilo Mike Lima , Das vedania(sp) and 73". I nearly left the road. Anyway, I think I was on 145.95, but I can't recall. The point is they definetly have used voice in the past.

--

-=-
Steve D'Amelio
damelio@progress.com

504. Re: Can Scanners Receive TV stations?

Newsgroup: rec.radio.scanner
Date: 1994-01-20 20:56:15 UTC
From: greg@core.rose.hp.com
Message-ID: <CJy4tr.7x3@icon.rose.hp.com>
Source record: 277652

Ok on the broadcast stuff. My ICOM IC-R7000 picks them up just fine.

How about Cable? I know the frequencies are in there someplace, but before
I go rewiring the house, could someone post the Cable audio frequencies?
(i.e. the audio channel of the cable-tv channels 14-99)

Thanks,

Greg.

505. Prince Charles

Newsgroup: rec.radio.scanner
Date: 1994-01-20 21:06:24 UTC
From: imcgover@bunyip.atnf.csiro.au
Message-ID: <1994Jan20.210624.29827@rp.CSIRO.AU>
Source record: 277600

Prince Charles will be here very soon. Can anyone PLEASE help with some freq's that might be used during his visit?
PLEASE!
Regards Ian.

506. Re: Why is intercom interfering w/cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-01-20 21:06:46 UTC
From: greg@core.rose.hp.com
Message-ID: <CJy5BB.81s@icon.rose.hp.com>
Source record: 277653

Jeff Liebermann (jeffl@comix.UUCP) wrote:
:
: Incidentally, if your cordless phone is on channel 4 (49.770Mhz),
: then the 3rd harmonic of the local oscillator in the base unit
: lands on 147.945Mhz and will obliterate that frequency. Another
:
Yes, in fact, I get better reception of our baby monitor's 3rd harmonic on
my 2meter ham radio than on it's fundamental with the baby-blue-and-gray
receiver that came with it. Looks better on my belt while working outside, too.

Greg KD6KGW

507. Re: Can Scanners Receive TV stations?

Newsgroup: rec.radio.scanner
Date: 1994-01-20 22:00:34 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <1994Jan20.220034.75675@yuma>
Source record: 277655

In article <CJy4tr.7x3@icon.rose.hp.com> greg@core.rose.hp.com (Greg Dolkas) writes:
>How about Cable? I know the frequencies are in there someplace, but before
>I go rewiring the house, could someone post the Cable audio frequencies?
>(i.e. the audio channel of the cable-tv channels 14-99)
>Greg.

Ch. 14 audio is on 125.75. Channels up to and including 53 are on 6 MHz
spacing: Ch.15 is 131.75, Ch.16 is 137.75...
Ch's 54-61 start at 77.75 and go up in 6 MHz spacings.
I don't have Chs 62-99 in my reference, "Hnadbook of Electronic Tables and
Formulae', Sams Books.
Galen, KF0YJ

508. Re: cellular 30mhz jumps

Newsgroup: rec.radio.scanner
Date: 1994-01-20 22:47:23 UTC
From: dbushong@wang.com
Message-ID: <CJy9z2.580@wang.com>
Source record: 277656

bmiller@landesk.intel.com (Brett Miller - Support Engineer) writes:

>In article <caliban.758981353@soda> caliban@soda.berkeley.edu (rocky mullin) writes:
>>
>> a quick question: why does my scanner scan the cellular
>> range in 30mhz intervals? am i missing anything?
>>
>> cali
>>
>>

>That is the correct spacing between cellular frequencies. You will
>not miss anything with this spacing (at least here in the USA)

Except maybe the whole band! Or did he mean 30 GHz?
--
Dave Bushong, Wang Laboratories, Inc.

509. Lighted buttons? Why?

Newsgroup: rec.radio.scanner
Date: 1994-01-20 22:54:16 UTC
From: dbushong@wang.com
Message-ID: <CJyAAH.5Ew@wang.com>
Source record: 277657

The other morning the power went out about 6:20 a.m. while I was listening to 95.7 FM to see how bad the ice storm was (which, incidentally, was an answer in itself), so I thought "Well, let me take my little Icom R-1 and dial that bad boy up to 95.7 Wideband FM and finish the weather broadcast."

Hmmm.... which one of those *teeny* little buttons is the "9", the "5", the ".", the "7", and what button is the "mode" over? At least the display will light, so I could see how poorly my fat little fingers were doing.

Anyway, I got it (finally). They said that 65,000 New Hampshire customers were without power. I felt bad for the other 64,999 of them, but not too much.

So if you think you will be in such a situation with your scanner, either memorize how to do it, or rubber-band a teeny flashlight to it, and/or buy one that also lights up the keypad on command. My Alinco DJ-580 does that, plus it looks cool in the dark :)

Regards,
Dave

--
Dave Bushong, Wang Laboratories, Inc.

510. Re: Pro 43 look-a-like

Newsgroup: rec.radio.scanner
Date: 1994-01-20 23:31:10 UTC
From: jqtaylor@boi.hp.com
Message-ID: <CJyBzz.23x@boi.hp.com>
Source record: 277660

Neil Weisenfeld (weisen@alw.nih.gov) wrote:
: Neil Weisenfeld (weisen@alw.nih.gov) wrote:
: : There's one other RS scanner that *looks* the same as the Pro 43, but has
: : some minor differences. I think that it's the Pro 44. Does anyone know if
: : the Pro 43 mods work on that model?

: : Thanks,
: : neil

: Sorry about the hasty post. I was talking about the Pro-39, for which I
: have found the mods. Anyone have any comments on it in comparison to the 43
: or the BC200XLT?

: Thanks,
: neil

: --
: Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
: Nat'l Insts. of Health, 12A/2033 UUCP: ...!uunet!nih-csl!weisen
: Bethesda, MD 20892 Voice: 301/402-4030

A TALE OF TWO SCANNERS

~~~~~~
The Pro 39 and the Pro 43: A General Comparison
by John Quill Taylor

~~~~~~

This is a general yet practical comparison between two popular Realistic(TM)
Brand portable scanners, the Pro 39 and the Pro 43. This is not an in-depth
technical comparison, as these have been written already. This is a
comparison from my own experience using both scanners. I've had a Pro 39
for seven months, and a Pro 43 was just acquired recently, so my report is
probably biased toward the Pro 39, with which I am more familiar.

Overall Impressions and complaints:
==================================

The Pro 39 & Pro 43 have some major differences and some subtle differences.
The subtle differences can be surprising. For example, the beep
confirmation tone is about one whole note higher in frequency on the Pro 39
than on the Pro 43! Also, each radio has its own "personal" behavior: the
quality (or lack thereof) of its sound, the brightness (darkness?) of the
internal lamp, and the ease with which you can read (or not read) the LCD
display, all vary between one radio and another, even of the same model!

In MANUAL mode, both radios have a STANDBY feature that allows the scanner to consume less power, Both radios go into STANDBY mode after about 5 seconds. The STANDBY circuit produces and audible thump in an external speaker. When using an AC adapter (either charging or powering), an audible hum is heard when using an external speaker.

What's GOOD about BOTH the Pro 39 & the Pro 43:
==========

Both of these radios share the same small footprint (more like thumbprint!). They use the same battery pack (6 AAs), AC and DC adapters (9V), and have a similar look and feel, including the antenna connector (BNC), earphone connector (1/8"), and squelch and volume knobs. Both radios can be modified to restore full 800 MHz coverage, and modifications exist to eliminate the beep and improve the sound.

What's BAD about BOTH the Pro 39 & the Pro 43:
==========

Although a modification exists to defeat the beep confirmation tone, a switch to enable or disable it would have been nice. The sound of the beep when using headphones or an external speaker is quite obnoxious, but the beep is somewhat useful during programming, since the buttons are rather small.

The belt clip is a piece of trash. Granted, it only costs a dollar to replace (at Radio Shack); I've spent three dollars more than I care to have spent on this weakly designed part. Luckily, its failures have not caused any damage to the radio itself, a very real possibility.

The internal speaker's in both radios suck.

On my Pro 39, I once was removing the batteries while the power was on, and I lost all the frequencies! I am unsure whether this can happen to the Pro 43, but I recommend turning the power off before taking the battery pack out and leaving it off until the pack is securely in place.

When in PRIORITY mode, the scanners often "leap" from a frequency with a solid carrier. Also, during the "sampling" of the priority channel, the radio often "misses" a pressed button, requiring you to press it again. These little "bugs" occur also on the Pro 2006.

What's GOOD about the Pro 39:
==========

The Pro 39 has a lower price.

The Pro 39 has a much easier to read LCD, at least on the radios I have seen. I returned my first Pro 43 because the display was hardly readable.

The Pro 39 uses less than half the current drain as compared to the Pro 43 (according to published specifications). This was my initial reason for getting a Pro 39 versus a Pro 43. Where does all that power go in the Pro 43? Is it the triple conversion? Is it the triple conversion? Is it the triple conversion? Who knows?

While the internal speakers are awful in both models, my Pro 39 has a much better sound. It is, in a quiet room, even "listenable." The Pro 43 speaker "cracks up" (this may be the fault of the audio amplifier, since both radios perform well with headphones or an external speaker).

The general "behavior" of the Pro 39 seems a bit more "positive" to me, although I have owned this radio much longer than my Pro 43. When scanning, pressing LOCKOUT works immediately on the Pro 39, while it seems to hesitate a brief moment on my Pro 43.

What's GOOD about the Pro 43:
==========

The Pro 43 has a few extra front panel features that are nice, like an AM/FM button. The Pro 39 "assumes" AM mode in certain frequency ranges, and this mode cannot be "overridden" with a button like the Pro 43.

The Pro 43 scans in both directions, from lower to higher channels (default "wakeup" mode, like the Pro 39) and also from higher to lower channels. This is a subtle but very handy feature that allows you simple way to "bounce" back and forth between two closely spaced "hot" frequencies.

The Pro 43 features triple conversion (versus double on the pro 39). I didn't think this was a big deal, especially if you live in a "little" town like I do, and I still don't think it's a big deal if all you do is scan the programmed channels. Where triple conversion pays off is during searches, but since neither radio has "frequency lockouts" during search mode, both radios will "hang" on dead carriers, birdies, etc. during searches.

The Pro 43 has a shorter antenna (about 1/2" shorter). It is also narrower (about 1/8" narrower).

The Pro 43 "remembers" the channels without batteries, although many times I have left my Pro 39 on all night (after the batteries expired) and the frequencies were still there. Maybe I am just lucky.

The Pro 43 has better frequency coverage (see the Radio Shack Catalog).

The Verdict:
==========

The Pro 39 is less expensive but it only uses double conversion. The Pro 43 uses triple conversion, and yet it uses more power, has a more difficult to read LCD, and sounds worse using the internal speaker. While some great discounts can be had on both of these radios, I strongly recommend holding and operating both radios side by side before buying, and, if I had to do it again, I would buy them in person, since it appears that each radio varies in its LCD display and sound quality.

_____
"An intelligent chess computer would ask, `Why does White always go first?'"
jqtaylor@hpdmd48.boi.hp.com John P. "Quill" Taylor Writer at Large
"When in doubt, do as doubters do." -jqt
__Catch & Release___73s___Sonata in G___Scotch Gambit___C-spine 1972__Szia__

511. McDonalds?

Newsgroup: rec.radio.scanner
Date: 1994-01-20 23:39:53 UTC
From: treisk@CSOS.ORST.EDU
Message-ID: <2hn4o9$qst@jadzia.CSOS.ORST.EDU>
Source record: 277658

I've heard that there are frequency listings out there for the freq's that McDonalds uses for their drive-thru headsets. Does anyone know where I could find one of these lists? Thanks...

--
-=-
Ken Treis: Thekid, Informatia, viol8r treisk@csos.orst.edu
-=-

512. Re: CellPhones "imaging" to 2 meters?!

Newsgroup: rec.radio.scanner
Date: 1994-01-21 00:02:40 UTC
From: jerry.smith@radiohobby.chigate.com
Message-ID: <843_9401220431@chigate.fidonet.org>
Source record: 277596

c> I've got an MVT-7000, and have heard that before. I see there's a heap
c> of replies already here as to what it is, just thought i'd reply to
c> let you know your scanner is okay.

c> BTW:Anyone know what frequency do cellphones _transmit_ on????

Hi, Craig...Cellular phone frequencies are in the range of 870 and 894
Mhz.

Jerry...Chicago

... This is a test of the Silver Xpress system...
* Evaluation copy of Silver Xpress. Day # 2

513. Uniden (and Realistic) scanner mod info

Newsgroup: rec.radio.scanner
Date: 1994-01-21 03:00:43 UTC
From: BOZOBROWN@delphi.com
Message-ID: <940120.79243.BOZOBROWN@delphi.com>
Source record: 277665

Hi!

Please forgive the "form letter", but I've received several requests for info on the mods to the BC100XLT, so I thought I'd try to put everything into one message.

First of all, I'm not a tech. I bought a book that was listed for sale in the back of a 'Popular Communications' magazine. The book is entitled:

UNIDEN SCANNER MODIFICATION INSTRUCTION MANUAL
by B.H. Davis

The manual covers the following scanners: BC100XLT, BC200XLT, BC205XLT, BC580XLT, BC600XLT, BC760XLT, BC855XLT AND BC950XLT. It also covers the following Regency scanners: TS-1, TS-2, 4020, 4030 and R-1600.

I got the manual by sending a check in the amount of $14.00 to:
Starlite Mfg, Inc.
4424 Clemice Lane
Montgomery, AL 36106

Disclaimer: I am in no way, shape, form, or manner, connected in any way to this company, person, or persons. I blindly, based solely on a classified ad in 'Popular Communications', sent the check. About three weeks later, I got the book.

The mod I performed was relatively simple, mainly because of the photographs in the book. It made identification of the proper parts and installation points easy. Basically, the BC100 uses the same pc boards that the BC200 uses. Adding 100 more channels means that I just had to put in some of the components that Uniden left off to make a BC100. It does mean that you will have to purchase some parts, which I did directly from Uniden. The most expensive part was a memory chip, and the grand total, including shipping, was just over $20.00. As I look over the instructions, I really don't see how I can describe, using text, the process to you. The book shows a picture of a BC200 pc board, and has the proper locations circled which makes the entire process pretty easy. Since I'm not a tech, I can't put into words how to do it. It involves cutting a resistor or two, and adding a transistor, a resistor and an IC chip.

Other mods for the BC100 are scan speed increase (doubles the scan rate) and a battery mod to extend the battery time. Sorry, no cellular mod. The author says that although the same pc boards are used, the cost of the parts would make the mod sort of rediculous. These mods will work on a BC200, BC205 and the Regency 4020. Other scanners listed above are modified in the same manner, but listing them all here would take too much room here.

Another 200 channels can be added to the BC100 after the previous mod, and another 200 channels can be added to a BC200. It involves adding more IC chips, etc plus an external switch, so you can switch from one 200 channel bank to the other. It will not accept all 400 channels at one time, which is the reason for the switch.

Well, I feel like I've been of no help except to refer you to someone to send your money to, and I will take no responsiblity for it. Sorry. The only benefit you have that I didn't have, is that now you've at least heard of someone who ordered the book, and got it. Believe me, the pictures are the key to the simplicity. I've seen mods listed where they try to describe which jumper to cut, etc, and it made me very uneasy, considering the prices of scanners these days.

For your Realistic friends, a book entitled:

REALISTIC SCANNER MODIFICATION MANUAL

is available at the same address for the same price. I haven't seen this book, but I would think it's of the same quality as the one for Uniden.

BTW- The address and prices indicated above are from the September, 1993 issue of 'Popular Communications', in the classified ads on page 79. You may want to pick up a current issue and look to see if the ad is still running, and if the price has changed before sending a check or money order.

o
Charles o o
Brown o o o
o
o ______ ______
_ *o(_||___)________/___
O(_)(o ______/ \
^ `/------o-' \
___/ bozobrown@delphi.com

514. Re: rf460X (new amp) for sale

Newsgroup: rec.radio.scanner
Date: 1994-01-21 03:40:20 UTC
From: kirk@hpcc01.corp.hp.com
Message-ID: <71960005@hpcc01.corp.hp.com>
Source record: 277668

Sorry, posted this in the wrong group!
Kirk

515. Re: McDonalds?

Newsgroup: rec.radio.scanner
Date: 1994-01-21 03:57:27 UTC
From: mike@e2big.mko.dec.com
Message-ID: <2hnjr7$ldm@usenet.pa.dec.com>
Source record: 277666

Informatia (treisk@CSOS.ORST.EDU) wrote:
: I've heard that there are frequency listings out there for the freq's that
: McDonalds uses for their drive-thru headsets. Does anyone know where I could
: find one of these lists? Thanks...

: --
: -=-
: Ken Treis: Thekid, Informatia, viol8r treisk@csos.orst.edu
: -=-

Here are a few, your milage may vary.

McDonalds:
31.0000 35.0200 151.7150 151.7750 154.5700
154.6000 169.4450 170.2450 171.3050 171.1050
171.9050 464.0125 464.1125 464.1375 464.1625
464.1875 464.3125 464.3375 464.3875 467.0125
469.1125 469.1375 469.1625 469.1875 469.3125
469.3375 469.3875

Taco Bell:
33.1600 457.5375 461.0875 464.3875 466.0375
469.9625 154.5150 461.0375 461.5375 464.9625
466.5375 468.3875

KFC:
460.8875 465.8875
--
Test .sig

516. Re: McDonalds?

Newsgroup: rec.radio.scanner
Date: 1994-01-21 13:17:36 UTC
From: WBLOSS@delphi.com
Message-ID: <940121.29856.WBLOSS@delphi.com>
Source record: 277671

Informatia <treisk@CSOS.ORST.EDU> writes:

>I've heard that there are frequency listings out there for the freq's that
>McDonalds uses for their drive-thru headsets. Does anyone know where I could
>find one of these lists? Thanks...

Try 35.02, 154.6, and 154.57. Thst should get most of them. Newer
McD's have typical 460 MHz Business band splits (12.5 KHz splits), which
you can search. Older units have carrier on all the time, newer ones only
work when activated. You'll find listening to both sides
of the conversation (35.02 AND 154.6) is interesting, as thay often have
internal conversations that are not sent out to the customer. Finally,
DO NOT try to buy a business band HT to talk to them...154.6 is
readil;y available on HT's...it cost one person big bucks!

73,

Wally Bloss
WB0BAV

517. Re: AOR AR1000XLT vs. Yupiteru MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-21 13:20:57 UTC
From: schuster@panix.com
Message-ID: <2hokrp$oa5@panix2.panix.com>
Source record: 277582

In article <1994Jan20.194046.14316@lmpsbbs.comm.mot.com>,
Kevin Baum <baum@ukraine.corp.mot.com> wrote:
>I am trying to determine whether the ~$600 Yupiteru MVT-7100 is worth the extra money
>over the ~$400 AOR AR1000XLT for a person that is not interested in listening to
>single side band. I realize that the Yupiteru has a much better user interface,
>but the AOR is fairly easy to use with some practice and the help of Howard
>Bornstein's (sp?) Guide to the AR1000. The sensitivity specs of the AR1000XLT
>seem to be better than the Yupiteru in most frequency ranges. How do these units
>compare in selectivity and in strong signal areas (dynamic range)? Any other
>areas of performance where the Yupiteru is clearly superior?

The Yupiteru is notoceably more sensitive across the board. You fill find,
often, that the spec sheets from AOR are rather optimistic. If I didn't
need sideband, I'd look at the Yupiteru MVT-7000 which is the older model.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

518. Pro 2021 and D/FW freq list.

Newsgroup: rec.radio.scanner
Date: 1994-01-21 13:51:04 UTC
From: rgregory@adrs1.dseg.ti.com
Message-ID: <CJzFt6.Dnq@skopen.dseg.ti.com>
Source record: 277584

PRO-2021
========

I bought my Pro 2021 in '88 and now have a couple of comments/questions.

It will scan 30-54 / 108-136 / 138-174 / 380-512 Mhz

The Owner's Manual says:

"The tuning range of your PRO-2021 is permanently stored in
the microprocessor chip. There's no way it can be extended
or altered - even by a skilled electronics technician. So
if you try to enter a frequency not in the PRO-2021's tuning
range, you will get an error message every time."

Is this true? I want to "fill-in" the holes. Can I replace the
above "microprocessor chip"?

I have seen the "scan speed-up" mod, but I WANT MORE!!

D/FW freq list
==============

Soon after I bought my 2021, I found a list of local scanner frequencies
on a local computer BBS. Well, I have lost that list; it is probably
hopelessly out of date, anyway.

Does anyone know of a local (D/FW) BBS for that list? Do you have that
list? I tried to call the guy listed on yesterday's "SWL and Scanner Club"
list, but his number is unlisted.

I now yield the floor to the "master's of the air waves",

_______ _________ Ron Gregory
/______\ /________\ rgregory@adrs1.dseg.ti.com
/ / ___ /_____ _______ / / _______/
/ / /_\/ /____________\ / / / /___\ Texas Instruments, Inc
/ / _ __// ___ // ___ / / / /__\/_ / __ Plano, TX
/ / / \ \ / /_\/ // / / / / / /_____/ / /_\
\/_/ ______//_/ \/_/ \/_________/ \/_/ (214) 575-4962
Batteries not included. Your mileage may vary.

Opinions of the author are rarely those of TI. @:^)

519. Re: Opinions on BC8500XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-21 14:43:36 UTC
From: b1y1m39@kato.BELL-ATL.COM
Message-ID: <CJzI8o.M8o@kato.BELL-ATL.COM>
Source record: 277586

Jerry Smith (jerry.smith@radiohobby.chigate.com) wrote:
:
: s> Anyways, I'm in the market for a scanner. I'm looking at the 8500 as
: s> well. I need CTCSS capability, 200 channels, 800mhz capability
: s> (cellphones would be nice but not necessary). Any suggestions. I've
: s> currently got a BC760 and BC590.
:
: Hi, Steve...
: I didn't purchase one because of the problems I have read about on
: CompuServe. The two major complaints are poor sensitivity and lots of
: intermod. I heard that the BC 760 is a good unit. Someone on CompuServe
: had one for awhile. The 760 has CTCSS capability. However, I believe
: Uniden said that not all of the frequencies are covered with the CTCSS
: board. Maybe someone could fill in the blanks on this.
:
: Jerry...Chicago
:
: ... wwwhhhoo...wwwhhhooo...Is this thing on?
: * Evaluation copy of Silver Xpress. Day # 1

According to Grove Electronics, the CTCSS board for the BC760
does cover all the CTCSS tones. But, the tone board for the
BC890 does not (missing approx. 8 higher freqs.)

--
==========
Bob Esposito Voice/Voice Mail: (215) 466-6831
Bell Atlantic Corp. FAX: (215) 563-3984
Philadelphia, Pa. E-mail: b1y1m39@kato.BELL-ATL.COM

520. New Guy...How to find Alaska Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-01-21 14:49:53 UTC
From: chrism@col.hp.com
Message-ID: <2hoq2h$jjh@hp-col.col.hp.com>
Source record: 277670

I am just now getting into amateur radio. How do you find all the interesting frequencies for a particular region (in this case Alaska) ahead of time? I'd like to program my scanner before I get there. We're going to Mt McKinley and a scanner would be good entertainment.

Thanks in advance
Chris Magnuson
chrism@col.hp.com

521. Looking for a cell phones modes / newsgroups.

Newsgroup: rec.radio.scanner
Date: 1994-01-21 15:47:24 UTC
From: gesman@vnet.ibm.com
Message-ID: <CJzL70.vy3@hawnews.watson.ibm.com>
Source record: 277591

Hi,
I was trying to find a good source for cell phone mods or at least
newsgroups for that kind of discussion without much luck!
Anyone can advice me about possible sources for that?
I know about garfield.catt. It has something, but not much.
Mostly scanner/hamradio stuff.
I suspect, that there are a lot of BBS-es for that. At least in USA.
Anyone knows about BBS-es in Canada (Toronto: 416, 905 area)?
Thanks,

--
G.Esman

522. Re: Recorder Recommendations ????

Newsgroup: rec.radio.scanner
Date: 1994-01-21 17:24:16 UTC
From: ah301@yfn.ysu.edu
Message-ID: <ah301-210194122416@sy_j.pgh.wec.com>
Source record: 277595

In article <CJxstH.MAo@umassd.edu>, rflood@cis.umassd.edu (Richard M. Flood) wrote:

> Does anyone have any recommendations for a voice activated recorder.
>

I just bought the Radio Shack CTR-22 on sale for $30. It does not have a mike in, but putting the mic in front of the scanner speaker worked for me. They also have a $40 voice activated recorder on sale that has a mic in and dual speed, but uses micro-cassettes. I think the sale is till the end of january.

523. Re: McDonalds?

Newsgroup: rec.radio.scanner
Date: 1994-01-21 17:56:04 UTC
From: pas@cc.gatech.edu
Message-ID: <1994Jan21.175604.18713@cc.gatech.edu>
Source record: 277672

In article <2hn4o9$qst@jadzia.csos.orst.edu>,
Informatia <treisk@CSOS.ORST.EDU> wrote:
>I've heard that there are frequency listings out there for the freq's that
>McDonalds uses for their drive-thru headsets. Does anyone know where I could
>find one of these lists? Thanks...

Drive Thru Frequencies
out in out/in restaurant
123.0 30.840/154.570 Arby's
88.5 123.0 30.840/154.570 Taco Bell
100.0 ? 30.840/154.570 Whataburger
100.0 ? 30.840/154.570 Hot Dogs Etc.
31.000/151.895
33.140/170.305
107.2 141.3 35.020/154.600 Mc Donald's
- - 154.570/170.245 Mc Donald's
- - 154.600/171.105 Mc Donald's
107.2 ? 457.525/467.825 Whataburger
457.550/467.775 Burger King
114.8 107.2 457.550/467.775 Carl Jr's
156.7 ? 457.5875/467.8125 KFC
107.2 ? 457.6125/467.750 Whataburger
462.7625/
464.9625/ Taco Bell

+---+
____ _ | Paulo Santos Email: pas@cc.gatech.edu |
|____o,___/ ____| College of Computing |
([_________-\' | Georgia Tech Voice: +1 404 853-9393 |
| o' | Atlanta GA 30332-0280, U.S.A. Fax: +1 404 853-0673 |
+---+

524. PRO-2022 advice

Newsgroup: rec.radio.scanner
Date: 1994-01-21 18:15:00 UTC
From: mdevour@cmsa.gmr.com
Message-ID: <19940121131532.mdevour@cmsa.gmr.com>
Source record: 277673

Hi, all.

I have the chance to get a PRO-2022 from a local 'shack
for $169 on clearance. (NIB w/warranty)

What is the net.opinion of this device? Price okay?

I already retrieved the mod file from the archive. If
there is a FAQ of product reviews, please point me to it.

Thanks!

Mike Devour

Speaking only for himself.

525. Hamfest Jan 30, Villa Park, Illinois / IL Hamfest Calendar

Newsgroup: rec.radio.scanner
Date: 1994-01-21 19:02:01 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CJzu7n.L4D@cbnewse.cb.att.com>
Source record: 277587
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.swap,rec.radio.shortwave,sci.electronics

HAMFEST CALENDAR 1993/4 - NORTHERN ILLINOIS
last updated December 9, 1993

o Please report additions or changes to Bob Parnass, AJ9S, office phone: (708)979-5414, electronic mail: parnass@ih4gp.att.com.

JANUARY 1994

Jan 30, Sunday: Odeum, Villa Park, IL - Wheaton Community Radio Amateurs hamfest. Odeum Expo Center. 8 AM - 3 PM. Tickets $6 advance, $8 at the door. VEC testing. All flea market tables reserved. To reserve a table, call (708)231-2428.

(Note for Bell Labs folks: John Broughton has tickets. Call him at 713-4319 for info.)

FEBRUARY

Feb 20, Sunday: Rock Island, IL - Davenport Hamfest, QCCA Expo Center, 2621 4th Avenue, Rock Island. Admission $5. Info, SASE to Kent Williams, 4245 10th St., East Moline, IL 64244.

Feb 26, Saturday: LaPorte, IN - Cabin Fever, LaPorte Civic Auditorium. LaPorte Amateur Radio Club. 8 AM. Setup 6 AM. Admission $4. Talk-in 146.61 MHz. Info: LPARC, POB 30, LaPorte IN 46350.

April 29, 30, and May 1: Dayton, OH - Dayton HamVention. Hara Arena, Information, General: (513) 276-6930, Flea Market: (513) 276-6932 (Reservations not accepted by phone). Write: Hamvention, Box 964, Dayton, OH 45401-0964.

Advance Registration: Checks in $US, payable to Dayton Hamvention. Send name, address, call, and day and evening phone numbers. Enclose separate checks for admission and Flea Market.

Be sure to indicate either: Send admission tickets ONLY if flea market space assigned. Send admission tickets REGARDLESS of space assignment. Admission: $11.00 per person ($14.00 at door, good all 3 days). Banquet: $22.00 per person ($24.00 at door, if available). Send

to: Dayton Hamvention, Box 1446, Dayton, OH 45401-
1446.

JUNE

June 12, Sunday: Willow Springs, IL 6 Meter Club Ham-
fest, Six Meter Club of Chicago. Santa Fe Speedway,
91st Street and Wolf Road. Admission $5. Gates open
6AM. Talk-in on 146.52 simplex or 146.97 repeater.
Info, call Joe Gutwein, WA9RIJ, at (708)963-4922.

JULY

July 24, Sunday: Stickney, IL - DuPage ARC hamfest,
Hawthorne Race Course, 3500 South Cicero Ave. Handicap
accessible. Starts at 6 AM. Talk in on 142.25 MHz
with 107.2 PL. (-600). VE Testing 9 - 12. Advance
tickets are $4.00, $5.00 at the door.

This hamfest used to be held at the American Legion in
Downers Grove and was a good small to medium-sized ham-
fest. This year, there will be a 30,000 square foot
indoor exhibit area in an air conditioned building,
plus outdoor tailgating.

For advance tickets, send check payable to DARC,
enclose SASE, and send to Hamfest 94, 7511 Walnuut Ave,
Woodridge, IL 60517. For commercial or fleamarket
tables info, call 708-985-9256.

--
==========
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AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

526. Mods for PRO-36?

Newsgroup: rec.radio.scanner
Date: 1994-01-21 19:14:26 UTC
From: dwyszyns@poly.edu
Message-ID: <CJzus2.Et6@poly.edu>
Source record: 277575

Like the title says, has anybody ever found/heard of mods for the
Radio Shack PRO-36 scanner?

Any help will be appreciated.

Dan

--
| Daniel Wyszynski | Fools rush in where | Polytechnic University |
| dwyszyns@photon.poly.edu | angels fear to tread | Brooklyn, NY |
_______________\

527. Antenna's -- One more Question

Newsgroup: rec.radio.scanner
Date: 1994-01-21 19:33:04 UTC
From: g5g192@rick.cs.ubc.ca
Message-ID: <2hpalg$ar@cs.ubc.ca>
Source record: 277674

Ok... I've gotten a lot of answers to all my questions. Before
I buy the antenna that I want, I have *one* more question to ask =).

Basically, I had asked for an antenna that would increase
cordless phone reception. I was told to get a fibreglass
whip from RS, and cut it down to ~ 72 inches for cordless
phones.

These are my questions. First of all, will this whip improve
other reception at all? For example, if I'm scanning police
freq's in my car, should I have the regular scanner antenna
plugged in (I have a Pro-43) or the whip?

Also, I noticed RS sells an antenna that's optimized for the
police bands, and some other bands. Would someone who's
familiar with this tell me how this would do on cordless phones?
It would be nice to get this because then I'd have a police
antenna as well...

Finally, in comparison between the antenna on the scanner, the
fibreglass whip, and the scanner "police" antenna, how much
will the scanner "police" antenna improve my reception of
cordless phones? How much more will the fibreglass whip do this?

thanx a lot!

ttul!

Omid Ramin

528. BC855XLT for sale

Newsgroup: rec.radio.scanner
Date: 1994-01-21 19:49:38 UTC
From: gah@ccd.harris.com
Message-ID: <1994Jan21.194938.21232@ccd.harris.com>
Source record: 277597
Cross-posted to: rec.radio.scanner,alt.radio.scanner

For Sale

BC855XLT scanner with cellular modification
and 100 channel modification.

Perfect condition, original box, manual etc...

$150 + shipping.

529. BC-145xl

Newsgroup: rec.radio.scanner
Date: 1994-01-21 20:11:01 UTC
From: kronz@woodling.ecn.purdue.edu
Message-ID: <CJzxEE.8KA@noose.ecn.purdue.edu>
Source record: 277579

```
Any mods for this old beast????

--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }
```

530. Aircraft band 118-136 MHZ activity in PA?

Newsgroup: rec.radio.scanner
Date: 1994-01-21 20:18:47 UTC
From: Dave Shaffer <DCS4@psuvm.psu.edu>
Message-ID: <94021.151847DCS4@psuvm.psu.edu>
Source record: 277577
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I anticipate getting a scanner that includes an aircraft band range (118-136 MHZ, I believe) that is not available on my current scanner.

What type of activity might I find in that band? Does anyone have any suggestions of specific frequencies I might find in west-central Pennsylvania?

- Dave

531. Re: 900 MHz Cordless Phones - Info Please

Newsgroup: rec.radio.scanner
Date: 1994-01-21 22:14:16 UTC
From: gray@hullabaloo.win.net
Message-ID: <74@hullabaloo.win.net>
Source record: 277624
Cross-posted to: alt.radio.scanner,rec.radio.scanner,comp.dcom.telecom.tech

In article <1994Jan11.234326.22383@news.cs.indiana.edu>, "Erik S. Kolar" (ekolar@kiwi.ucs.indiana.edu) writes:
>Hi, I've become interested in acquiring one of the new 900 MHz cordless
>phones. I've seen several models, but I'm somewhat confused about channels
>...
>model, I would appreciate it. I've been looking at models from Tropez,
>Sony, Uniden, Escort, Panasonic, and Cobra. The Tropez seems to be very
>attractive because of its $199 or less price. Thanks in advance.

My $0.02: I got a Tropez and LOVED the features, sound, and
quality. The high end model has a GREAT speakerphone too! Alas, I
returned it because it got less than 1 day battery life from the
base. It's also REAL HEAVY (more than my cell phone). The manual
indicates that it is to be returned to the base when not in use or
needed. This would have worked fine in other setups I have had,
but I needed the 7+ days life I get from my AT&T.

532. Re: A Review!

Newsgroup: rec.radio.scanner
Date: 1994-01-21 22:22:16 UTC
From: craig@yonder.equinox.gen.nz
Message-ID: <H.eg.nwaqHn3jp4g@yonder.equinox.gen.nz>
Source record: 277585

In <djc.2a4o@terapin.com>, Don Coco writes:
May you become the first person on your
>block to Tell your Neighbors that you can listen to AM/Stereo.

But why would anyone want to?! Unless there's been some vast improvements
in the AM broadcast. Here there's only 2 local stations left on AM,
the rest are FM Stereo.
The quality and definition from an FM broadcast leaves the AM ones for
dead.

Craig.
--
:: Craig Shore. Phone +64 3 385-6554 (Christchurch, New Zealand.) ::
:: (CraigS on IRC) ::

533. Re: Bought your Yupiteru MVT7100 in Japan?

Newsgroup: rec.radio.scanner
Date: 1994-01-21 22:22:54 UTC
From: gray@hullabaloo.win.net
Message-ID: <76@hullabaloo.win.net>
Source record: 277525
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <maxCJw2oq.Cv6@netcom.com>, Michael Max Stoaks (max@netcom.com) writes:
>Hi,
>I was wondering if anybody
>bought their Yupiteru MVT7100 in Japan. If so, I'd like to know:
>1. Where you bought it

TZONE in Tokyo

>2. Price

$330USD

>3. Did it come with a warranty
Didn't really think about it because I assumed it would not be
valid in the US.

>Any info would be much appreciated !

ANother posting on this said to be careful because there were
blocked freqs in the Japan ones. Not on mine - I verified it!

>Thanx,
>Michael
>

534. Re: PRO46 freq ranges

Newsgroup: rec.radio.scanner
Date: 1994-01-21 22:50:10 UTC
From: cr933@cleveland.Freenet.Edu
Message-ID: <2hpm72$nl6@usenet.INS.CWRU.Edu>
Source record: 277578
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I bought my Pro-46 in Ohio and it only has up to 956.0000.
Thats odd.
--
Thanks,
Mike Noll

535. Re: ICOM R7100 v. AR3000

Newsgroup: rec.radio.scanner
Date: 1994-01-21 23:43:13 UTC
From: leej@austin.ibm.com
Message-ID: <CK0781.1zGp@austin.ibm.com>
Source record: 277581

To: rkeefe@indyvax.iupui.edu (Robert Keefe)
Reply-To: ...@cs.utexas.edu:ibmaus!auschs!leej.austin.ibm.com!leej
Subject: Re: ICOM R7100 v. AR3000

In article <1994Jan20.121732.3280@ivax> you write:
|> If you have an experienced opinion of the ICOM R7100 and/or the
|> AR 3000 please post or email me. Thanks.
|>
|> Rob Keefe <rkeefe@indyvax.iupui.edu>

I tried them both before buying the R7100.

Besides having more channels, the Icom has 'selected-group' scanning, which
allows one to associate any number of channels anywhere in memory (000-899)
with one of ten groups (0-9). You can change the group being scanned on-the-fly,
and scan two alternately by using window scanning.
I like groups as opposed to banks because the group can be as small as
needed, so that channels aren't wasted.
The AR3000 has SW and SSB capability, but nowhere as good as a dedicated
shortwave radio, because of the lack of narrow filters and small enough tuning
step for SSB. So I bought a shortwave rig to cover 100KHz to 30MHz.

536. Scanner for sale/trade

Newsgroup: rec.radio.scanner
Date: 1994-01-22 01:33:11 UTC
From: Lee_Hines.M1@SMTP.esl.com
Message-ID: <Lee_Hines.M1-210194173426@macm114.esl.com>
Source record: 277583

I have a Uniden BC560XLT for sale/trade. 5 months ols, works great. Asking $80.00 or trade (plus cash) for handheld scanner.

//
Views expressed here are not necessarily those of my
employer.

Go Gators - '91&'93 SEC Champs
Go Dolphins

(FSU.....just go
away)
Work is for people who don't fish, hunt or play
golf.
//

537. Re: Can Scanners Receive TV stations?

Newsgroup: rec.radio.scanner
Date: 1994-01-22 01:34:40 UTC
From: sjaves@mason1.gmu.edu
Message-ID: <2hpvrg$hdk@portal.gmu.edu>
Source record: 277590

Galen Watts (galen@picea.CFNR.ColoState.EDU) wrote:
: In article <CJy4tr.7x3@icon.rose.hp.com> greg@core.rose.hp.com (Greg Dolkas) writes:
: >How about Cable? I know the frequencies are in there someplace, but before
: >I go rewiring the house, could someone post the Cable audio frequencies?
: >(i.e. the audio channel of the cable-tv channels 14-99)
: >Greg.

How do I connect a 75 ohm cable-TV cable to a 50 ohm scanner input? Can
I get away with no extra component?

538. Re: Bought your Yupiteru MVT7100 in Japan?

Newsgroup: rec.radio.scanner
Date: 1994-01-22 02:41:04 UTC
From: pckwong@hkuxa.hku.hk
Message-ID: <CK0FGH.7Ly@hkuxb.hku.hk>
Source record: 277594
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Michael Max Stoaks (max@netcom.com) wrote:
: Hi,
: I was wondering if anybody
: bought their Yupiteru MVT7100 in Japan. If so, I'd like to know:
: 1. Where you bought it
: 2. Price
: 3. Did it come with a warranty
: Any info would be much appreciated !
: Thanx,
: Michael

Except some brands, right here in HK most HAM rigs are
indivually imported and sold at approx. 75% of the listed
prices according to the CQ HAM RADIO magazine, the famous
and oldest (official?) Japanese HAM magazine.
Normally, we can't get that prices from HAM shops in Japan
for just walk-in. However, there're great discount for
some selected items from time to time. Just look at the
ads. on CQ HAM RADIO before you go shopping!

73,
Philips Wong, VS6XVI in HK

539. Re: Global Alert For All: Jesus is Coming Soon

Newsgroup: rec.radio.scanner
Date: 1994-01-22 03:56:47 UTC
From: genric@triton.unm.edu
Message-ID: <genric-210194205647@?.unm.edu>
Source record: 277588

In article <2hfo13$ot2@genesis.ait.psu.edu>, Frank Cusack Jr.
<fcusack@psu.edu> wrote:

> In article <2hfejl$74@orion.cc.andrews.edu> Clarence L. Thomas IV,
> clarence@orion.cc.andrews.edu writes:
> [...]
> > [Destruction, hysteria, violence, etc.]
> > are signs that this world's history is coming to a climax. The human
> race
> > has trampled on God's Constitution, as given in Exodus 20:1-17 (King
> James
> > Version Bible), and Jesus is coming to set things right. These rapidly
> > accelerating signs are an indication that Jesus is coming soon (Matthew

YABA YABA. (yet another born again). I coined my own acronym. What I really
want to know is how in the world (pun intended) did he post to so many
newsgroups.

540. Re: Report: HAM predicted LA Quake weekend before - any details?

Newsgroup: rec.radio.scanner
Date: 1994-01-22 04:09:14 UTC
From: donovan@stimpy.eecis.udel.edu
Message-ID: <2hq8tb$k2m@louie.udel.edu>
Source record: 277589
Cross-posted to:
misc.emerg-services,rec.radio.scanner,cmu.student.amateur-radio,rec.radio.shortwave,rec.radio.swap,cmu.cs.market

In article <CJu9p7.An5@cbnewsj.cb.att.com> pec1@cbnewsj.cb.att.com (peter.e.costello) writes:
>
> On thye way to work today (1/18/94) I heard a report on my radio (WCBS AM)
>that a HAM had predicted the LA quake on the weekend before it happened.

Was this a canned ham or a smoked ham?

Greg
p.s. For the humor impaired, this is a bit of comic relief...

#include your_favorite_disclaimer.h
// Flames will be laughed at...

541. Re: Police Freq's for Seattle Wanted

Newsgroup: rec.radio.scanner
Date: 1994-01-22 04:24:47 UTC
From: msaran@pt.olympus.net
Message-ID: <2hq9qf$48j@olympus.net>
Source record: 277592

```
NORTH 460.075 F4
C HILL 460.125 F5
D'TOWN 460.175 F6
SOUTH 460.475 F3
TAC 460.25 F7
W&W 460.425 F2
BLUE 460.375 F1 SIMPLEX
MARS 460.55 F8 PUGET SOUND

Also check the 12.5 offsets 460.0-460.5 465.0-465.5

--
Mark Saran
msaran@pt.olympus.net
```

542. Re: I Need Scanner FAQ's

Newsgroup: rec.radio.scanner
Date: 1994-01-22 05:19:43 UTC
From: BOZOBROWN@delphi.com
Message-ID: <940122.01183.BOZOBROWN@delphi.com>
Source record: 277530

Scanner FAQ's are available via e-mail at info@arrl.org. Here's how to do it:

Send e-mail to info@arrl.org
On the SUBJECT line put Request
In the message put send faqscan.txt
quit

That should have it e-mailed to you. If you run into problems, send another e-mail and instead of "send faqscan.txt", put "help" or "index".

Charles Brown
bozobrown@delphi.com

543. Re: Aircraft band 118-136 MHZ activity in PA?

Newsgroup: rec.radio.scanner
Date: 1994-01-22 06:00:45 UTC
From: tremolo@kaiwan.com
Message-ID: <CK0opA.4uo@kaiwan.com>
Source record: 277593
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Dave Shaffer (DCS4@psuvm.psu.edu) wrote:
: I anticipate getting a scanner that includes an aircraft band
: range (118-136 MHZ, I believe) that is not available on my
: current scanner.

: What type of activity might I find in that band? Does anyone
: have any suggestions of specific frequencies I might find in
: west-central Pennsylvania?
: - Dave

Well, I'm not sure about Penn. but most (if not all) traffic between 108 - 136
MHz is going to be reserved for Aircraft as you so mentioned. So you'll
be able to pickup the local airports and aircraft. Nothing special,
unless that's your forte'.

--
Tre' Molo (tremolo@kaiwan.com) | ~ ~~ \""________ [P]ulse
Finger for PGP 2.3 Public Key! | ##(@)##(@)= > "`\ [D]etonation
X-Plane Wishes & Aurora Dreams | /_______,-'~~~~` [W]ave
NORAD 364.2 Mhz SAC 311.0 MHz | [E]ngine

544. Cellphone transmissions

Newsgroup: rec.radio.scanner
Date: 1994-01-22 15:22:03 UTC
From: meyer@server.cs.jhu.edu
Message-ID: <2hrgar$a7r@blaze.cs.jhu.edu>
Source record: 277598

Actually, the forward channel (from cell-tower to cellphone) is
about 868-894, the backchannel (from cellphone to cell-tower) is 30MHz lower.

545. Algonquin Park Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-22 16:10:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.3350.5773.0N192093@canrem.com>
Source record: 277599

Sorry for taking so long with this but here's the freqs worth monitoring
in Algonquin Park.

My OLD List

46.780 Park
46.880 Algonquin Region
46.700 Common Channel
46.740 Common Channel

My NEW List (taken from OMNR SPRING 1992 CHANNEL GUIDE)

46.880 Whitney (Ch. 11)
46.450 NorthWest (Ch. 21) (46.850 repeater output)
46.430 NorthEast (Ch. 23) (46.830 repeater output?)
46.330 South (Ch. 09)

Note: The New frequencies are handheld outputs! Channels 09, 21 and
23 are capable of autopatches which would indicate repeaters. Our local
MNR uses a repeater on Channel 21 which has an output on 46.850. Search
between 46 and 47 and you should be able to find them. The radio's are
standard across the province so NorthWest should be on 46.850.

Cheers,

Steve Jones <steve.jones@canrem.com>
(PGP public key available)

!--------------------!---------------------------------------!
!Steve Jones !Amprnet : VE3SDJ@VE3OY.#SCON.ON.CAN.NA !
!General Delivery !Internet: ve3sdj@amiga.ve3sdj.ampr.org !
!Stayner, Ontario ! : steve.jones@canrem.com !
!Canada ! : !
!L0M 1S0 !Phone : (705) 428-5358 !
! ! Fax : (705) 428-5359 !
!--------------------!---------------------------------------!

... And there were plagues of locusts, and frogs, and MS-DOS, and MS Windows.
* Q-Blue 1.0 [NR] *

546. Mir space station

Newsgroup: rec.radio.scanner
Date: 1994-01-22 16:52:05 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <759295122.AA06687@rochgte.fidonet.org>
Source record: 277614

> From: jsimmer@cmsa.gmr.com (Joe Simmer)
> Organization: GMR

> I know that the Mir space stations sometimes sends out digital audio on
> 145.55Mhz. What I am wondering is has anyone ever heard non-digital

There is only 1 Mir station. 145.55 is an amateur radio frequency. What
you are hearing is not "digital audio" but rather AX.25 ham packets.

==========
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

547. splits

Newsgroup: rec.radio.scanner
Date: 1994-01-22 16:56:06 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <759295122.AA06688@rochgte.fidonet.org>
Source record: 277615

> From: jackson@longlast.cs.nyu.edu (Steven Jackson)
> Organization: Courant Institute of Mathematical Sciences

> Who makes up these splits?

It may have something to do with bandwidth or with isolation of the
receiver from its own transmitter on the repeater. The "standard" split gets
larger as the frequency increases, so that the separation between receive freq
(input) and transmit freq (output) doesn't become too small a percentage of
the operating frequencies.

==
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==

548. MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-22 16:58:07 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <759295122.AA06689@rochgte.fidonet.org>
Source record: 277616

> From: schuster@panix.com (Michael Schuster)
> Organization: PANIX Public Access Internet and Unix, NYC

> honest, and well-regarded. I understand your concerns (above) but
> unfortunately have no answer for what will happen after April. Why
> not give him a call (fastest way) and get his opinions.

An even faster way might be to pick up the latest issue of Monitoring Times. Javiation has discontinued their advertising in US publications because the US government has ruled that the importation ban on cellular capable scanners will include purchases by private individuals.

549. Re: Mir space station

Newsgroup: rec.radio.scanner
Date: 1994-01-22 18:49:52 UTC
From: andrews@fms.com
Message-ID: <CK1oB4.H2M@fms.com>
Source record: 277602

```
In article <2hmqol$sql@progress.progress.com> damelio@bedford.progress.com (Stephen
D'Amelio) writes:
>Joe Simmer (jsimmer@cmsa.gmr.com) wrote:
>: Hello,
>
>: I know that the Mir space stations sometimes sends out digital audio on
>: 145.55Mhz. What I am wondering is has anyone ever heard non-digital audio
>: from the Mir? I've been scanning for the last week and have heard nothing but
>: data packets.
>
>I spoke with them in, 92 I think, from my TRUCK!. No kidding. I started
>hearing all these stations trying so I figured I would give it a shot. I
>put the Yeasu FT-2400 to 50 watts through an 5/8 wave Larson. Suddenly,
>In broken english I heard "November One Kilo Mike Lima , Das vedania(sp)
>and 73". I nearly left the road. Anyway, I think I was on 145.95, but I
>can't recall. The point is they definetly have used voice in the past.
>
>--
>
>-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
>Steve D'Amelio
>damelio@progress.com
>
>

I've worked MIR twice on voice, all I used was my HT with a 5/8 from
my car. He called CQ, I answered November Eight Oscar Foxtrot Sieara,
he said QSL November Eight Oscar Foxtrot Sieara 5 9 and 73 Das vedania,
and he was gone...

--
Mesmerized by a decade of hate, ! AMATEUR = N8OFS
Flowers and remorse, ! ARMY MARS = AAN5HJT
Fading vision lost in time, ! CB = THE NEON KNIGHT
Tragedy on course!!! - Frontline Assembly ! HACKER = TH3 N30N KN16Ht
```

550. Here it is: The Jack Coles Earthquake prediction

Newsgroup: rec.radio.scanner
Date: 1994-01-22 19:49:34 UTC
From: srhoades@netcom.com
Message-ID: <srhoadesCK1r2M.BK1@netcom.com>
Source record: 277601

Daniel Moos (moos@pangea.Stanford.EDU) posted this to ca.earthquakes.
Since this is only a statewide newsgroup, I am reposting it here.

Newsgroups: ca.earthquakes
Subject: Text of Jack Cole's "prediction" of 1/15/94
Date: 21 Jan 1994 20:04:49 GMT
Organization: Stanford Univ. Earth Sciences
Lines: 44
Distribution: ca
Message-ID: <2hpch1$4m@morrow.stanford.edu>
NNTP-Posting-Host: pangea.stanford.edu

Many folks have expressed an interest in seeing the text of Jack C's
prediction of the Northridge quake - here it is (verbatim):

Date Time sent Pages Probability
01/15/94 3:24 PM 1 Emergency Release. 54.3% Chance

S.F.Bay Area and L.A. Area

Reports are coming in from all over the bay area and southern California of
increased radio signals, magnetic anomalies and many cases of electrical
problems. >
Continuing fore-shocks (3.5 to 5) for the bay area and Radio Quake-Signals are
coming in frequently now. Main signals come in at 25,16, 9, 4, and "1" day(s)
before event(s). Best results within three and a half and one day. Radio
earthquake signals remain constant from the Pacific ring of fire (West coast),
and results could mean a quake greater than Six points on the Richter scale.
Damage could be devastating. !
More updates to follow.

A Main Signal (possible One(1) to Four(4) day type) happen on Jan. 14, 1994 at
2:57P.M. This signal was medium to large and may reach a Four(4) to five(5) on
the scale during the next forty-eight(48) hours. If it is quiet for seventy-
two(72) hours the quake could be 4.5 to 6 on the scale around the ninety-six(96)
hour time frame. If it is quiet for eight(8) days the quake could reach a
five(5) to a seven(7) on the scale on or near the ninth day.
Another set of smaller signals happen on Jan 13, 1994 at 12:.m. These signals
were small and may reach a 3 or 4 on the scale during the next 96 hours. The
location of these signals was toward Southern California and may be felt in
Los Angeles.
A location was hard to determin due to lack of radio detection equipment in the
Hayward and L.A. Fault regions. These signals were much like the signal that
happened on Aug. 10 before the 5.0 that happen the next day. We are looking to
put up stations up and down the coast. Next week we should have Calistoga,

Pacifica, Cupertino, San Jose, and Santa Cruz linked together in a net to try
to triangulate and get a fix on the center of the many quakes.

"The longer the wait the greater the quake."
If you have any questions call Jack Coles and leave a message...(800)622-8902.

Read it and weep!
Dan Moos

--

Steve L. Rhoades | Voice: (818) 794-6004
1000 Video Road | Internet: srhoades@netcom.com
Mt. Wilson, Calif 91023 | Finger me for PGP public key.

551. FIRE RADIO

Newsgroup: rec.radio.scanner
Date: 1994-01-22 20:03:04 UTC
From: frankd@icebox.iceonline.com
Message-ID: <CK1rKq.4JG@iceonline.com>
Source record: 277604

The frequecies for the Richmond Fire dept are
855.912 Dispath
855.662 Tac.
855.462 Tac.
855.162
these are repeater channel not TRUNKED . I would like to hear from anyone in Canada who that can tell me if there fire dept is using 800 or 900 mhz. chans. what they are ect

Frank dawson
Richmond B.C. Canada

552. Re: Cellphone transmissions

Newsgroup: rec.radio.scanner
Date: 1994-01-22 20:14:12 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2hs1ek$4po@umcc.umcc.umich.edu>
Source record: 277603

In article <2hrgar$a7r@blaze.cs.jhu.edu>,
Daniel Meyer <meyer@server.cs.jhu.edu> wrote:
> Actually, the forward channel (from cell-tower to cellphone) is
>about 868-894, the backchannel (from cellphone to cell-tower) is 30MHz lower.
>

Actually, the output range is 869.040 - 893.980 (That's going from
memory, but it is definately 869-894), & each input channel is exactly
45MHz lower than the output.

This is for the U.S. AMPS cellular system.

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

553. Re: Can Scanners Receive TV stations?

Newsgroup: rec.radio.scanner
Date: 1994-01-22 20:57:27 UTC
From: vasrat@tvtwo.com
Message-ID: <vasrat-220194155727@tvtwo.com>
Source record: 277605

In article <2hpvrg$hdk@portal.gmu.edu>, sjaves@mason1.gmu.edu () wrote:

> How do I connect a 75 ohm cable-TV cable to a 50 ohm scanner input? Can
> I get away with no extra component?

I'm using 75-ohm cable for my PRO-2005 base and it works fine. All you should need is a converter from the cable F-connector to whatever connector is on your scanner. Even though there is an impedence mismatch, material I've read says that it isn't that big a deal since you're not going to maintain a constant impedence over such a wide frequency range anyways. Shielding of most 75-ohm cable is better than 50-ohm so what you lose in the mismatch may be made up by reduced signal loss. I also use an in-line amp to help out the 400 MHz + frequencies.

Happy scanning!
--
John F. Braun | "Push the button, Frank!"
vasrat@tvtwo.com <- soon |
vasrat@shell.portal.com | -MST3K

554. Yupi

Newsgroup: rec.radio.scanner
Date: 1994-01-22 23:25:00 UTC
From: joseph.pereira@channel1.com
Message-ID: <40.533.2433.0NE1647C@channel1.com>
Source record: 277496

Greetings,
I've been told that the Yupi handheld scanner is "Tops", nothing comes close to it. "Tops" as far as price also! ;) Can someone please tell me what's so special about it.......that it would make it worth $600.? How does it compare to RS PRO-43?
Thanks,
Joseph

Where is it made, and anyone have a phone number where it may be ordered?

555. Re: Police Freq's for Seattle Wanted

Newsgroup: rec.radio.scanner
Date: 1994-01-23 00:03:20 UTC
From: dan@halcyon.com
Message-ID: <2hses8$1b1@nwfocus.wa.com>
Source record: 277606

Bruce may also want to call the Radio Scanner BBS in Seattle (206)
483-8562. It has many scanner related frequencies for the Seattle
area.
--
dan@halcyon.com
Dan Lawrence
Seattle, WA USA

556. Problem with a 43?

Newsgroup: rec.radio.scanner
Date: 1994-01-23 00:31:35 UTC
From: dquill@netcom.com
Message-ID: <dquillCK244o.BIE@netcom.com>
Source record: 277608

I was wondering if many of you Pro-43 owners had a problem with your speaker going out. It appears my fairly new 43 has lost it's speaker. I was listening to it the other night, and I guess it just went quiet... I wasn't pay attention so don't really know what happened....

Unfortunately, since it's moded, the warranty is gone.

557. Re: Prince Charles

Newsgroup: rec.radio.scanner
Date: 1994-01-23 00:39:40 UTC
From: blake@lonestar.utsa.edu
Message-ID: <1994Jan23.003940.1674@ringer.cs.utsa.edu>
Source record: 277607

In article <1994Jan20.210624.29827@rp.CSIRO.AU> imcgover@bunyip.atnf.csiro.au writes:
>Prince Charles will be here very soon. Can anyone PLEASE help with some freq's that might be used during his visit?
>PLEASE!
>Regards Ian.

Try the cordless phone and cellular freqs. and don't forget your tape recorder.
you might be able to sell what you hear him tell Camilla to a tabloid or
something to that effect.
--
O	Blake Schreckenbach,	"It's a 106 miles to Chicago, we've got a full	O
O	KC5DRP	tank of gas, half a packet of cigarettes, It's	O
O	University of Texas	dark, and we're wearing sunglasses. Hit it."	O
O| at San Antonio	-- Jake & Elwood Blues	blake@lonestar.utsa.edu |O

558. Re: Problem with a 43 ?

Newsgroup: rec.radio.scanner
Date: 1994-01-23 03:30:47 UTC
From: mulligan@ACM.ORG
Message-ID: <2hsr17$a4e@hopper.acm.org>
Source record: 277609

dquill@netcom.com (Daniel Quill) asked about speaker failure in the PRO-43 -

I've heard on CompuServe of a number of similar cases. A few months ago
it was reported that National Parts was backordered 10 months on the speaker.
If your PRO-43 is still in warranty you should take it back and demand repair
or replacement. If your mod didn't affect the audio, the repair center should
just ignore it (replacement may be a different story).
For reference, did you do an audio mod and, if so, which version ?

/* barry /&
mulligan@acm.org

559. Re: Problem with a 43?

Newsgroup: rec.radio.scanner
Date: 1994-01-23 03:31:18 UTC
From: schuster@panix.com
Message-ID: <2hsr26$o45@panix2.panix.com>
Source record: 277610

In article <dquillCK244o.BIE@netcom.com>,
Daniel Quill <dquill@netcom.com> wrote:
>I was wondering if many of you Pro-43 owners had a problem with your
>speaker going out. It appears my fairly new 43 has lost it's speaker. I
>was listening to it the other night, and I guess it just went quiet... I
>wasn't pay attention so don't really know what happened....

As I remember, two people on CompuServe have had their PRO-43's speakers
die. I guess it's the weak part of the hardware.

>Unfortunately, since it's moded, the warranty is gone.

Not necessarily. Unless you blew the speaker by doing the mod, many RS
stores will still honor the warranty.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

560. Re: Arlington VA Police

Newsgroup: rec.radio.scanner
Date: 1994-01-23 05:33:20 UTC
From: slush@VOA.GOV
Message-ID: <CK2I3K.36o@VOA.GOV>
Source record: 277613

In article <1994Jan13.192345.15695@alw.nih.gov> weisen@alw.nih.gov (Neil Weisenfeld) wrote:
>Does anyone have the frequencies handy for the Arlington VA police? I have
>some out of the 3rd Ed. Scanner Master guide, but whenever they switch to
>"channel 1-B(aker)", I lose them.

Arlington County uses a trunked system in the 800MHz range for ALL its public safety communications. Unless they decide to keep a specific incident on the same channel for the duration of the incident, one person keying the microphone will be on one frequency...but the next person will likely be on a DIFFERENT frequency. And there will also be a data channel using one of their frequencies....which often changes each day.

To try to follow a conversation, enter all the following freqs into your scanner memories, turn off a "delay" feature, and prepare to hear radio traffic on some of the freqs which is not related to what you're trying to follow. When you come across the data signal, lock that particular freq out so the radio won't stop on that channel. But you'll have to check that each day...and probably lock out THAT day's data channel.

With that said, here's Arlington's lineup:

856.4375 857.4375 858.4375 859.4375 860.4375
856.4875 857.4875 858.4875 859.4875 860.4875
856.7625 857.7625 858.7625 859.7625 860.7625
856.9375 857.9375 858.9375 859.9375 860.9375

Another netter posted some 453MHz freqs (their original, pre-trunked freqs). Arlington has decided to simulcast their dispatch on the 453MHz freqs for the benefit of their own police and fire/rescue personnel who have scanners, as well as news media folks. But the best listening -- as well as the hardest to follow -- will be on the trunked system.

Happy monitoring!

Standard disclaimer blah, blah, blah.

561. Re: McDonalds?

Newsgroup: rec.radio.scanner
Date: 1994-01-23 05:34:04 UTC
From: nick@hotcity.COM
Message-ID: <nick.47if@hotcity.COM>
Source record: 277612

```
On Thu 20-Jan-1994 11:39p, Informatia wrote:
I> I've heard that there are frequency listings out there for the freq's
I> that
I> McDonalds uses for their drive-thru headsets. Does anyone know where I
I> could
I> find one of these lists? Thanks...

Try the 154.600 business freq. It's what my local McDonald's uses.

-- Nick
```

562. Re: discone antennas?

Newsgroup: rec.radio.scanner
Date: 1994-01-23 05:56:43 UTC
From: bart5@evans.ee.adfa.oz.au
Message-ID: <BART5.94Jan23155643@evans.ee.adfa.oz.au>
Source record: 277611

One disadvantage of the discone antenna is that it provides a lot of bird perching space, so you
will get droppings underneath and all over the lower elements. Because the discone is best mounted high, its also a good lookout for birds.

One advantage of the discone is that is gain is constant across a wide range of frequencies and this may be useful for measurement. However the equivalent cross section will decrease with the square of the frequency, so it will perform poorly at Ghz frequencies, much worse than a directional antenna.

Another advantage is its impressive looking appearance. Your friends may ask you what TV channel is that antenna for. A good scanner conversation starting artifact.

563. PRO*2024 Mods/Restoration

Newsgroup: rec.radio.scanner
Date: 1994-01-23 08:46:00 UTC
From: kyle.kearney@xoanon.com
Message-ID: <9401231440061179@xoanon.com>
Source record: 277531

I recently aquired thru a friend, a Radio Shack Realistic Pro-2024 scanner
and would like to know if there are any restoration/modifications to enhance
this radio...comments sincerely appreciated....regards...Kyle Kearney

* OFFLINE 1.56
....

564. Re: Global Alert For All: Jesus is Coming Soon

Newsgroup: rec.radio.scanner
Date: 1994-01-23 09:44:01 UTC
From: cheese@active.asstdc.com.au
Message-ID: <RnxQtAeGBh107h@active.asstdc.com.au>
Source record: 277502

In <genric-210194205647@?.unm.edu> genric@triton.unm.edu (generic) writes:
>In article <2hfo13$ot2@genesis.ait.psu.edu>, Frank Cusack Jr.
><fcusack@psu.edu> wrote:

>YABA YABA. (yet another born again). I coined my own acronym. What I really

Love it!

>want to know is how in the world (pun intended) did he post to so many
>newsgroups.

Well he certainly hasn't heard of cross-posting!

--
******* Please note new address ---- ********
Mark Cheeseman cheese@active.asstdc.com.au Fido: 3:712/412.0 [+61 2 399 9268]
PO Box 199 Alexandria NSW 2015 Ph +61 2 353 0143 Fax +61 2 353 0720

565. Re: WillCo ICM1024

Newsgroup: rec.radio.scanner
Date: 1994-01-23 14:07:49 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CK35x2.KA3@cbnewse.cb.att.com>
Source record: 277617
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Craig A. Pearson <craig@EMH.BARKSDALE.AF.MIL> said:

> I am looking for information concerning the WILLCO Electronics,
> ICM1024 "No Fail RAM" solution to an ICOM R71A. I would appreciate
> hearing from anyone who has first hand experience. Questions I have are:

....several questions deleted...

Jack Albert, WA9FVP, is WILLCO. He posts articles here and in
the rec.radio.scanner group occasionally, often about the ICM1024.

If you see one of his articles, send him e-mail and I'm sure he will
help you. Sorry, I don't have Jack's e-mail address handy.

NOTE: I'm the (satisfied) ex-R-71A owner who published the initial
warning in QST about Icom's battery backed up memory. I never owned
the WILLCO board, but Jack is a pretty bright guy.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

566. Re: A Review!

Newsgroup: rec.radio.scanner
Date: 1994-01-23 14:51:28 UTC
From: joe@netcom.com
Message-ID: <joeCK37xs.4Jw@netcom.com>
Source record: 277618

Not true! I tested the new Denon AM stereo tuner in the Chicagoland
area and the quality of the AM stations were ALMOST identical to the
FM stereo (you had to really be good to hear the differance). This
tuner shows the potential of AM stereo with the proper bandwidth
and detection scheme (diode detectors contribute 3% of distortion!)...

--Joe Jesson

--

Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046
----

567. Scanning Kentucky Emergency

Newsgroup: rec.radio.scanner
Date: 1994-01-23 16:24:35 UTC
From: vhealey@crl.com
Message-ID: <2hu8c3$1lp@crl2.crl.com>
Source record: 277619

I just got back from a three day trip to Kentucky to delievery
bottled water for distribution to residents during weather emergency.
I was the lead truck in what was to be a five truck convoy up i-65.
Two of us left thursday and went to Aniston Al to pick up 40 tons of
bottled water. The other three left fri after we got thru to Louisville Ky.
I went to RS and bought a pro 2006 to supplement my hand held Alinco
DJ580 before reporting for work. The 2006 was simple to hook up using a
commet 2 meter and 70 cm antenna mag mounted on top of tractor.
I was disappointed in sensitivity of 2006 until I read manual
about an attenuator switch on back of unit. Sure enough it was set minus
10 db! Coming back through Chattaonoga Tn that swithc came in handy while
monitoring 70 cm PS band as Intermod was bad on downtown i-24. A quick
flip of the switch and everything was clear again. As I type this it just
dawned on me as to why I could not recieve Charlie Brown Airport on this
radio with an inside antenna, as it was still flipped to the left, -10db.
We heard that there was a 50 mile backup on i-65 at the state line
as the authorites had ordered it shut down again Thu night at 10 PM due to
ice completely covering the highway for 80 some miles through the
mountains. This was confirmed by the clear channel radio station WWL about
2 AM Fri morning. We would be allowed into the state regardless because we
were to have a special pass but I personally reasoned that Pass or not we
would not be able to negotiate a 50 mile back up just to get into state
for the priviledge of driving on solid ice by ourselves. I also reasoned
that if I wanted to return the 2006 that radio shack would not take back
this $400 radio if it had been scratched in a truck plunging off the
interstate. So we got a motel in Franklin Tn. where my other driver got
stuck on 4 inchs of pack ice in the motels parking lot while trying to
back up. At that point cold and tired I vowed never to answer the phone
again on my days off!
When we got to the Ky line late Fri morning after 8 hours off
duty, we met the Ky National Guard. They were letting everyone through
although they said that it took them four hours in Humvees to convoy down
that morning. What kind of high tech communications where they using. A
look at two commanders with hand held radios showed they were using ....
tah dah.....CELLUAR PHONES! I wondered if RS would take back a 2006 that
had been modified to cover celluar, I couldn't remember what the celluar
mod even was to that particular model though I understand it isn't
supposed to be too difficult.
I discovered that they were using a mutal aid channel in the vhf
band that proved to be easy to monitor with both radios. This was 155.580
MHZ I think they called this channel 4. The scanner proved valuable in
letting me know accurately in advance what we would face. I will not bore
you with the hair rasing details of a trip through the mountains on ice
mixed with crazy people in four wheel drives and cars pulling U-haul

trailers! I almost hope they freeze to death in the various snow banks they plunged into. I was passed by a Greyhound Bus sliding from side to side on one hill and he was loaded with passengers! I bet the inside of that bus stank!!!
Lousiville was a sight. I saw one fellow driving slowly with parts falling off his battered car. Most of the others were impalled on snow ridges where they will eventually be retrieved, many had been hit repeatedly by others sliding on the same ice patchs. Out of 50 trucks avaiable to work the snow only 15 were driveable up there. I heard requests on the fire channel for fire trucks to go and drive down a certain street just to break up the ice so cars could pass! I live now in Ga. and even this far south they know enough to be prepared for that occasional snow or ice storm we may have!
My other driver and I got seperated after unloading and starting back. There was no way he could stop and I certainly wasn't going to speed up with an empty trailer to catch him. Just south of Lousiville at nightfall, a truck hit a mobile home and shut down the south bound side. I slid off at brook Ky to go to a motel for the night. So many trucks were trying to go to the truck stop that they had top get three police cars and the national guard brought in a big machine to scrap spome snow and pull out a long flatbed that got across the road. When I went to sleep across the street at the comfort inn I could still see all three patrol cars working traffic.
I awoke about 5:30 am and turned on the 2006 to 27.185 am mode. Nice little scanner picks up the cb 19 just like the aor 100xlt did. A few minutes latter I heard I heard truckers talking about a car and a four wheel drive passing them south bound. These two wrecked just as they got to our exit, one ramming the bank on the leftand sticking across the highway, the other on the exact opposit side. Trucks could pass down the middle if they were careful. Such language! I called 911 and reported the incident and a patrol car dropped by shortly afterwards to warn of the accident. A short while later another car hit the wreckage. Oh well. About an hour later I heard of a jacknife 3 miles south of my location so I called 911 again to send aid. This a nice warm bed with a view of the intersate is the only way to go during a snow emergency. My boss though it would be nice if I came on back to Atlanta though. I was happy to report I could not get out as I was blocked in by dozens of other vechiles. When I went to lobby to get the free breakfast I learned that 30 or 40 people who had shown up late at night as the roads froze again had spent the night sleeping in the hall ways and in the lounge. Nice of the Comfort Inns to do that! Against the rules but compassionate and reasonable given the conditions. So many attractive women and I had two king size double beds all to myself. I felt bad. Oh well. I talked briefly with one who was reading a book "Men are from Mars.", I wondered to myself what her problem was, she couldn't have know I had the extra bed and I sure didn't tell her!
I left about noon after setting up both radios again to monitor conditons. We would stop while authorities would recover vehicles that were wrecked and people would walk up to my truck to listen to the radio chatter. I guess the antennas caught their attention. I have got three

supplied by the company before I even add mine.
The most interesting communication I head was around 2:30 PM Sat EST. Apparently a VFD resuce person had an accident in which his vehcile plunged into a gorge coming to rest upside down in a creek. He was barley aduible to dispatchers. (I wonder why? sarcasim). Believe it or not when the chief ordered out an ambulance the dispatcher said she could not send one without a street address! I could not make out exactly what the chief said at that point but I think both she and I discerned HE WAS NOT A HAPPY CAMPER! The ambulance was promptly dispatched! Don't you just love our beaucracy and its rules! Just as I was complete out of range I heard that the firefighter had been extracated from the wreckage and I look forward to hearing of this account in the Reader's Digest or on tv's rescue 911. I wonder if they will include the detail about the ambulance dispatch?

Well I hope someone appreciates a few notes about the radio traffic and how this hobby can be useful in real life. It has been therapy for me to unwind by typing this. Please excuss the typing errors.

Victor Healey Ki4je Marietta Georgia
vhealey@crl.com

PS Thanks to all who answered my inquiry about the Yupiteru and AOR radios. Special THANKS to Marvin Moss of Marietta Georgia who sent 26 pages by snail mail. That was on my desk when I got home at 10 sat night. Way to go Marvin! Marvin I didn't know you were on the Internet, do you get in through Lockheed Corp account? Could you post your email address?

568. PRO34 Doc Needed

Newsgroup: rec.radio.scanner
Date: 1994-01-23 16:50:08 UTC
From: hl1@soc4.acpub.duke.edu
Message-ID: <2hu9s0$fjg@news.duke.edu>
Source record: 277620

I have a brother without access to the Net whose PRO34 seems to have lost sensitivity recently. (He has a terrible two running around the house)

Any suggestions on what to look for first? The unit is still operable but shows low sensitivity compared to memories of the past performance and direct comparison to a AR1000.

At the first Monitoring Times Convention in Knoxville there was someone mentioned who could align PRO34's. When Bob Grove was testing scanners for threshold, someone gave him a PRO34 that had a readable signal at 0.2 uv versis the more average 1.0 uv. Does anyone know who this tuner was and what his address is?

569. pro 2021 mods

Newsgroup: rec.radio.scanner
Date: 1994-01-23 17:10:05 UTC
From: tmurrin@fox.nstn.ns.ca
Message-ID: <tmurrin.4.759344997@fox.nstn.ns.ca>
Source record: 277621

Does anyone know where I can get specs for modification to a Realistic PRO2021 so that it can get shortwave frequencies and/or frequencies in the 800 MHz range?

Thanks in advance.
John Shaw e-mail to jshaw@caper4.uccb.ns.ca

570. Mods for BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-23 19:46:07 UTC
From: hoffmanry@urvax.urich.edu
Message-ID: <1994Jan23.194255.17821@gossip.urich.edu>
Source record: 277622

I just purchased a BC 200XLT. I like the performance I've gotten so far but I'd like to get some more freqs.. Are there any good mods for this model scanner? If anyone has any please e-mail them to me at: HoffmanRy@Urvax.Urich.Edu. I would really appreciate it.

Also if anyone has had any problems with this scanner I'd like to know.

And finally if anyone has a list of State Police Freqs. for VA, NC, GA and SC or knows where I can get them please let me know.

Thanks

Ryan Hoffman

571. pro-2029 mods

Newsgroup: rec.radio.scanner
Date: 1994-01-23 20:48:06 UTC
From: xcea@uxa.ecn.bgu.edu
Message-ID: <2hunq6$a60@uxa.ecn.bgu.edu>
Source record: 277623
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I just got a pro-2029 as a gift yesterday. [is seems RS had them on sale] Are they any mods to increace its frequency range? This is my first scanner so any advice is welcome.

--

Chad Adams __ Educational Computing Network
Systems Programmer /) / / University Park, IL USA
1-708-235-2200 / /_ __, __/ ECN, networking in IL since 1975
c-adams@bgu.edu (__/ / /_/_/_(_/_ "Wherever you go, there we are."

572. e-mail mods for scanners

Newsgroup: rec.radio.scanner
Date: 1994-01-23 22:49:21 UTC
From: jim@chris.pillar.com
Message-ID: <ywNmgc1w165w@chris.pillar.com>
Source record: 277532

Are there e-mail servers and such that have a wide variety of
mods for various brands of scanners(pro-* being the main but also
bearcat etc).Any ideas are welcomed.

Thanks
Jim Miles
--
=-=
jim@chris.pillar.com /\ /\ Disclaimer: All opinions are my own
_____________________ / \ / \ or come from someone who
\ / _________ sounds like they know
Shawnee,Oklahoma-USA \/ what their talking about.
=-=

573. Re: Global Alert For All: Jesus is Coming So

Newsgroup: rec.radio.scanner
Date: 1994-01-24 01:23:34 UTC
From: vector@hotcity.COM
Message-ID: <vector.480p@hotcity.COM>
Source record: 277526

oh goodie, more religious dribble. as if things haven't been deteriorating
for the past several thousand years. these things have always been happening.
anyway, i'll end this now, so that i don't take up too much space on this net
for such garbage.

greg

vector@hotcity.com

574. Re: Opinions on BC8500XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-24 01:27:07 UTC
From: vector@hotcity.COM
Message-ID: <vector.480r@hotcity.COM>
Source record: 277527

i have a 760 and have played with the 8500. the 8500 is merely an overgrown 760, nothing special about it. good sensitivity, poor rejection and selectivity. not worth the cash. the 760 is just as good and will cost you less. don't bother.

greg

vector@hotcity.com

575. ADD

Newsgroup: rec.radio.scanner
Date: 1994-01-24 02:29:00 UTC
From: Ken.Fowler@f239.n109.z1.fidonet.org
Message-ID: <47e_9401252040@blkcat.fidonet.org>
Source record: 277480

TOMCAT control message = ADD

576. Cellphone maintainance mode info.

Newsgroup: rec.radio.scanner
Date: 1994-01-24 05:29:23 UTC
From: pgunn@alkali.otago.ac.nz
Message-ID: <pgunn.89.759389363@alkali.otago.ac.nz>
Source record: 277529

To all those who know about getting into the maintainance mode on cell phones.

My friend has a cellphone he is curious about. The brand is given as Telecom (our service provider in NZ) so that doesn't help, but he suspects that it is a Uniden model that has been reflagged. The model number is given as ST-1000 if that means anything.

It's a transportable (about the size of an XT keyboard I guess) rather than a belt sized one. Recent vintage (well ~18 months I guess).

He wishes to know how to get into the maintainance functions and what you can do there and how to do it.

Any suggestions or details on any models gratefully accepted.

For those who are worried about his reasons, he's an electronics technician who just wants to KNOW.

Thank you.

==========
PGUNN@alkali.otago.ac.nz
MSc (Chem) Student, University of Otago
Southernmost University in the World!
==========

577. Pro-35 battery info please

Newsgroup: rec.radio.scanner
Date: 1994-01-24 05:34:21 UTC
From: chowes@nyx10.cs.du.edu
Message-ID: <1994Jan24.053421.26924@mnemosyne.cs.du.edu>
Source record: 277528

I just bought at a great price a Pro-35 scanner (RS stk# 20-136). It does not have a battery with it. The local manager tells me the radio has been discontinued and the battery is no longer available. I looked at theiri Amateur radio HTs and see the Pro-35 battery is deffinatly different than the ICOM BP8 style on the Amateur gear. The scanner works on a 12V cord from the lighter plug, but a bettery would be nice.

Can anyone suggest a source?

TNX, Chester Howes <chowes@nyx.cs.du.edu>

578. radio/calculator/palmtop equipment for sale

Newsgroup: rec.radio.scanner
Date: 1994-01-24 09:46:44 UTC
From: carter@scilab.lonestar.org
Message-ID: <LciNgc1w165w@scilab.lonestar.org>
Source record: 277551
Cross-posted to:
rec.radio.scanner,misc.forsale,rec.radio.amateur.packet,rec.radio.shortwave,comp.sys.hp48,rec.radio.swap,comp.sys.palmtops

Hi, Folks.

It is with a heavy heart that I list the following items for sale.

Manuals and documentation are included with each item.
Prices listed below are with U.S. shipping included.
Make an offer on any item you think is overpriced.
For everyone's protection, ALL transactions will be C.O.D.

AEA PK-88 Terminal Node Controller, 110V pwr supply 110.00
firmware revision 23.AUG.91

Alinco DR-110 2m mobile FM xcvr 5W/45W, bracket, hardware 250.00
rcv/xmit 130-170 MHz modification made

Alinco DJ-160 2m HT xcvr 0.3/3 Watt (2 nicad packs & chgr) 250.00
rcv/xmit 130-174 MHz modification made

Astron RS-20A 12VDC - 16 Amp (20A peak) power supply 120.00

Bencher Iambic paddle set (nickel on black base) 60.00

Heathkit HW-101 HF xcvr, pwr supply 250.00
note that this includes shipping on the *heavy* pwr supply

HP-48SX calculator, serial interface cable 200.00
rom revision E

HP Equation Library card for HP-48 50.00

HP 82240B IR-printer, PC interface 90.00
This is the newer printer, not the original

HP-95LX palmtop computer, 512K PCMCIA card, PC interface kit 250.00
this is the 512K model (pre-1M), but with accessories

MFJ 945C 300W antenna tuner/meter/balun 90.00

MFJ 407B "Deluxe" Electronic morse keyer 55.00

Realistic PRO-2021 scanner 150.00
200 ch in 10 banks w/ search - This was a top-line scanner
in the days when UHF-T was the highest frequency of interest,
still good in areas where not much has gone above 512 MHz.

Realistic PRO-43 scanner (w/ cellular mod performed) 275.00
The handheld they're not allowed to make anymore.

Regency HR-2B 2m 12 ch. xtal mobile xcvr 2W/10W 60.00
Note! This is an older model, but with good power. But not
enough overload protection or selectivity for congested areas.
Xtals for a few popular freqs included. Good radio for
smaller cities or rural areas, though.

Sony ICF-2010 SW receiver 250.00

Cheerio!

Carter R. Bennett, Jr. [Scientist]
carter@scilab.lonestar.org
KI5SR

579. AR-1500

Newsgroup: rec.radio.scanner
Date: 1994-01-24 11:28:00 UTC
From: stuart.mcmurtrie@portofc.org
Message-ID: <293.487.uupcb@portofc.org>
Source record: 277536

On 01-20-94 MICHAEL SCHUSTER wrote to ALL...

MS> .@SUBJECT:RE: AR-1500
MS> N
MS> .@FROM :schuster@panix.com
MS> N
MS> .@MSGID :<2gvgau$s0j@panix.com>
MS> N

I too bought an ar-1500E & I am a little dissapointed in its performance!

I find that to reslove an SSB signal its realy difficult (bfo knob too
small bfo to noisey) !!!!!. Air band also suffers, in that the first letter
of any word spoken is "lost" as the signal breaks the squelch ! I spoke with
AOR (UK) & the guy said that its a feature & unfortuanely there was nothing
that could be done about it ! It also sufferd from Band 2 breakthrough on air
-band, HF infact every where!!!! I cured it on air band with a filter from
AOR which goes in-line on the ant (not too bad now).

I agree with the article you posted HF should be billed as an "Also With"
feature. It can work but what a noise ! even when connected to a G5RV &
an ATU the coverage is, well, just a bit naff ! Band 2 bleed through & when
you do find a signal tuning the nightmare bfo is a pain !

I have a Lowe HF-150 for HF so I'm not so bothered now !

All in all I was a bit cheesed off with it !! to pay over 300 UK pounds for
something that the manufacturer claims if realy hot & to read in next months
Short Wave Magazine that it has been upgraded to EX spec & "Totally
Redesigned", well that realy hurt ! Made me mad !!!!

Anyone want to buy an AR-1500E ??? (Grin :-)))))

Stuart

---
* OFFLINE 1.54

580. Re: 8ch/sec -> 100ch/sec

Newsgroup: rec.radio.scanner
Date: 1994-01-24 13:16:12 UTC
From: nick@bean.apana.org.au
Message-ID: <gate.P4yogc1w165w@bean.apana.org.au>
Source record: 277549

bmiller@landesk.intel.com (Brett Miller - Support Engineer) writes:

>Scan speed is not the only thing to consider. When I put a 12MHz xtal
>in my Pro-2005, Bill Cheek told me that he didn't think it would run
>reliably, and to get a 10Mhz xtal. The issue here is that the
>microprocessor may not be able to operate at the speed you mention.
>It may LOOK like your scanning that fast, but is it hitting every
>channel, and more importantly, is there enough time to lock on to
>a signal so that it gets recognized.

Exactly. I tried a 12 Mhz crystal in a Pro-2004. While it did work most of the time, it did fail to stop on active channels quite often. Using a 10 Mhz crystal it works fine.

I've also put an 18 Mhz crystal into a Pro-2006. That one sure flies now!

Nick.

581. Re: Grove 800 number

Newsgroup: rec.radio.scanner
Date: 1994-01-24 14:27:21 UTC
From: a-mattme@microsoft.com
Message-ID: <CK51Hp.HA7@microsoft.com>
Source record: 277560
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Grove's 800 number is (800) 438-8155. I have dealt with Grove Enterprises for over 10 years, and have always found them to be very reliable. I would recommend them, without reservation.

582. Scanners for sale

Newsgroup: rec.radio.scanner
Date: 1994-01-24 14:49:34 UTC
From: jackson@cs.nyu.edu
Message-ID: <2i0n5u$mmu@longlast.cs.nyu.edu>
Source record: 277533
Cross-posted to: rec.radio.scanner,rec.radio.swap

A non-Internet capable ham has a few scanners for sale.

He buys at a whim and shelves them after a few hours of use.
Please write with offers and I will pass them on to him.

Icom R1 Bearcat BC-200XLT Realistic Pro-34 Realistic Pro-32
AOR AR-1000 Icom R-7000

The R7000 has the speech synthesis module. All (capable and
necessary) radios have been cell restored and are in otherwise
splendid condition.

I will post specs (after I get them from him) if we haven't seen
them enough times yet! :-)

As for me personally, I am looking for a dead or alive Pro 34
with a good screen (read as "that's all that counts"). I paid
$25 for a working unit with a smashed screen so please, no
offers over that. Thank you!

Steve
--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Commercial sign in 5, 4, 3, 2... commercial sign now"

583. Pro-43, Problem locking out CH 100

Newsgroup: rec.radio.scanner
Date: 1994-01-24 16:01:53 UTC
From: clinehe@cherokee3.rtsg.mot.com
Message-ID: <2i0rdh$ehj@delphinium.cig.mot.com>
Source record: 277537

I picked up the Pro-43 last week and discovered I can't lockout channel 100. Every other channel works fine. Anybody else had this problem?

Harry

584. AR1000XLT vs. ICOM R-1 vs. YUP 7000 ???

Newsgroup: rec.radio.scanner
Date: 1994-01-24 16:44:40 UTC
From: mcintyre@vnet.ibm.com
Message-ID: <CK57uG.17rH@hawnews.watson.ibm.com>
Source record: 277535

I want to buy a full converage handheld scanner in the next day or so. I would like to spend no more than $450 if possible.

I am tending towards the AR1000XLT, but have heard negative things posted on this group. Do people have positive things to say as well?

Also, while I can find ads for the ICOM and AOR scanners in magazines like Popular Communications, I never see anyone advertising YUPITERA (sp?) scanners? What's the deal here?

Thanks in advance!

--
Dave "dr question" McIntyre +-----+ "....say you're thinking about a plate
mcintyre@vnet.ibm.com | ? | of shrimp.....and someone says to
office : 607-751-2891 +-----+ you 'plate,' or 'shrimp'......"

585. SCANNER MASTER 5th ED. for MASS??

Newsgroup: rec.radio.scanner
Date: 1994-01-24 17:12:53 UTC
From: slitel@cadre.com
Message-ID: <1994Jan24.171253.9865@fripp.ri.cadre.com>
Source record: 277462

If you have picked this up yet, can you please post info on Mass. State Police Freq.

There was some talk here about a month ago re: changing to 800MHZ. but
I oticed only some areas of S.P. frequencies getting less traffic. For example
Turnpike seems to be holding steady with traffic, but the other freqs. are
getting less trafic.

Also is there any info there on frequencies for the new traffic system
Smart Routes / Travellers??? I have a scanner in the car and listern to
them while driving and I noticed the usual copters in the air are getting less
traffic.

I have to go by and pick up a copy at U-Do-It, but have not had a chance yet.

so if you have the book, please post info on Mass S.P. for all of us to see.
and Smart Routes also if anything is listed.

586. Need Central/North Jersey/NYC frequencies...

Newsgroup: rec.radio.scanner
Date: 1994-01-24 18:03:55 UTC
From: cbarkley@cbnewst.cb.att.com
Message-ID: <CK5BIn.8CK@cbnewst.cb.att.com>
Source record: 277534
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I just got a scanner, and I need frequencies to scan.
Also, any advice would be appreciated.

Shawn.

587. WWCR 5.810MHZ 8pm 12pm Eastern(CHECK IT OUT!!)

Newsgroup: rec.radio.scanner
Date: 1994-01-24 19:01:17 UTC
From: aghoddo@eos.ncsu.edu
Message-ID: <1994Jan24.190117.4386@ncsu.edu>
Source record: 277540
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.scanner

I thought some of you might be interested to check out a very interesting program called the Hour of the Time by William Cooper on WWCR(world wide christian radio). There are two programs nightly at 8pm and 12pm. Enjoy!

588. Re: Aircraft band 118-136 MHZ activity in PA?

Newsgroup: rec.radio.scanner
Date: 1994-01-24 20:40:36 UTC
From: yt7062@ARK.SHIP.EDU
Message-ID: <2i1bo4$k1m@jake.esu.edu>
Source record: 277541
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <94021.151847DCS4@psuvm.psu.edu>, Dave Shaffer <DCS4@psuvm.psu.edu> writes:
>I anticipate getting a scanner that includes an aircraft band
>range (118-136 MHZ, I believe) that is not available on my
>current scanner.
>

>What type of activity might I find in that band? Does anyone
>have any suggestions of specific frequencies I might find in
>west-central Pennsylvania?
>
>- Dave

The Aircraft are TREMENDOUSLY HELPFUL (and cool to listen to) if you know what to listen for. Here in central PA (Hbg) Harrisburg Departure is on 124.100MHz (aircraft have been heard on this channel as far away as Snow Shoe, PA on my BC-580 XLT). Whenever ANY aircraft in the area takes off, lands, or other activity, they must talk with Hbg Dep. Hbg Departure is responsible for handing aircraft off to their respective Centers, like Cleveland in Western PA, New York Center, in eastern PA, etc. What's the benefit? Whenever PSP aircraft take off, they notify Departure control, as do Rescue helicopters, Like Life Lion, MedSTAR, LifeFlight, etc. It's cool to listen to, but you have to learn how to interpret the info. Any questions about Central PA, write to YT7062@ark.ship.edu for more info...
YAT:

589. Just bought Tropez 900MHz phone

Newsgroup: rec.radio.scanner
Date: 1994-01-24 21:24:46 UTC
From: horak@convex.com
Message-ID: <horak.759446686@convex.com>
Source record: 277538

I got it for $179. It looks like a really great phone but I have not used it yet because the batteries are charging. I bought it after hearing many good things on this news group. I would like to hear comments from other owners as to good/bad points about the phone and it's usable range. Also, if I want to put a person on hold and go to a corded phone, I know I can put them on hold and set the handset down, but can I return the handset to the base or does that release hold and hang up?

Anyway, if anyone wants additional opinions, E-mail me in a few weeks and I'll be able to give you an opinion then.

David

590. want to build reciever for 108-137Mhz

Newsgroup: rec.radio.scanner
Date: 1994-01-24 21:46:58 UTC
From: berthec@osiris.cso.uiuc.edu
Message-ID: <2i1fki$cmb@vixen.cso.uiuc.edu>
Source record: 277539
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.scanner

As the subject line says, I want a tunable receiver that will pick up Air Bands (108-137 Mhz). I don't need anything fancy, but I don't have much to go on. What would this entail, it can be rough but needs to be cheaper than buying a $100 scanner with the same capabilities (except lot's fancier). I had (as a kid) a radio shack kit that built an AM receiver, is that pretty close to what I have to do to pick up these higher freq's? I figure some of you guy's would know. If you know of a book that would tell me what I need, that would work fine. thanks in advance....

Chad Berthelson
k
--
Chad R. Berthelson Navy Public Works Center
Environmental Engineer 310 John Tower Rd.
berthec@osiris.cso.uiuc.edu Naval Air Station
(904) 452-4728 (work) Pensacola, FL 32508-5303

591. looking for Report on Radio Shack PRO-2026 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-01-24 22:01:13 UTC
From: frankd@icebox.iceonline.com
Message-ID: <CK5MDB.1K0@iceonline.com>
Source record: 277542

I would like to know if anyone could give me a report on the
< patroman > PRO-2026 Radio SDhack Scanner. (20-148) Canadian Catlog #

Frank Dawson
frankd@icebox.iceonline.com

592. Re: Pro-43, Problem locking out CH 100

Newsgroup: rec.radio.scanner
Date: 1994-01-24 23:04:11 UTC
From: kenw@col.hp.com
Message-ID: <2i1k5b$c03@hp-col.col.hp.com>
Source record: 277543

I thought -I- had this problem too with a couple odd channels (nothing even like '100'). I then went through -every- channel and couldn't get the problem to reappear! Let me know if you find out the reason.

593. Re: Pro-43, Problem locking out CH 100

Newsgroup: rec.radio.scanner
Date: 1994-01-24 23:10:25 UTC
From: albert@sc.hp.com
Message-ID: <2i1kh1$ska@hpscit.sc.hp.com>
Source record: 277544

Harry E. Cline (clinehe@cherokee3.rtsg.mot.com) wrote:
: I picked up the Pro-43 last week and discovered I can't lockout channel 100. Every other channel works fine. Anybody else had this problem?

: Harry

Hum, mine works fine. I have it locked out right now.

Albert

594. Re: Cellphone maintainance mode info.

Newsgroup: rec.radio.scanner
Date: 1994-01-24 23:45:59 UTC
From: tremolo@kaiwan.com
Message-ID: <CK5rCo.D44@kaiwan.com>
Source record: 277545

Paul Gunn (pgunn@alkali.otago.ac.nz) wrote:
: To all those who know about getting into the maintainance mode on cell
: phones.

I would highly recommend posting this message on "alt.2600". If you don't get that newsgroup, either request it.. or email me and I'll check in my many cell manuals to find an answer. (Such a laborius process!)
<<Laborius? is that a word..? Har har har..>>

--
Tre' Molo (tremolo@kaiwan.com) | ~ ~~ \""________ [P]ulse
Finger for PGP 2.3 Public Key! | ##(@)##(@)= > "`\ [D]etonation
X-Plane Wishes & Aurora Dreams | /_______,-'~~~~` [W]ave
NORAD 364.2 Mhz SAC 311.0 MHz | [E]ngine

595. Re: MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-25 00:14:24 UTC
From: rathinam@ins.infonet.net
Message-ID: <2i1o90$t9f@insosf1.infonet.net>
Source record: 277547

In article <CJw0w1.C6n@noose.ecn.purdue.edu>, kronz@woodling.ecn.purdue.edu (Jason A Kronz) writes:
>[...]
>So I was wondering, does anyone know another place I could get the
>MVT-7100 in the US.??
>
>I know about javiation, in the UK, But Im worried about having service
>done to the reciever after the april 26 deadline...
>
>By the way has anyone done a good deal of business with javiation
>they seemed to on the up and up...
>

I do know of a Canadian source

Radio Lorenz
482 St. Catherine O.,
Montreal, Canada H3B 1A7
(514)392-9200

Ask for Helmut or Herbert Lorenz. (bob_m@holonet posted the adr. a while ago.) I bought my 7100 with them - and sent it in for fixing (it had a frequency error in the 144 MHz band - about 10kHz off) and received a replacement without any problem. The personnel are friendly and helpful.

I am not in any way connected with them - except for being a satisfied customer. I have heard good things about Javiation also.

Don't know about service/import after April. When I sent it for service, I sent a letter (5 copies) saying it was being sent in for warranty service only so no customs duty is charged on the way back after service. May be you could take a drive to Montreal (or whereever their service center is) if you need to get it serviced? (Great Briton is a long drive away and you have to have a boat).

Happy listening :)
--
rathinam@ins.infonet.net

596. Re: Pro-43, Problem locking out CH 100

Newsgroup: rec.radio.scanner
Date: 1994-01-25 00:47:19 UTC
From: amullick@vaxc.stevens-tech.edu
Message-ID: <1994Jan24.194719.1@vaxc.stevens-tech.edu>
Source record: 277546

In article <2i0rdh$ehj@delphinium.cig.mot.com>,
clinehe@cherokee3.rtsg.mot.com (Harry E. Cline) writes:
> I picked up the Pro-43 last week and discovered I can't lockout channel 100.
> Every other channel works fine. Anybody else had this problem?
>
> Harry

No problem here. Only thing I can think of is that the 43 won't let you
lock out every channel in a bank. Are you perhaps trying to do that?
--

Apu.....AMULLICK@vaxc.stevens-tech.edu
WARNING: I DISCRIMINATE
E-mail is dealt with immediately;
Snail mail, if I have nothing to do (never) or I'm bored (sometimes)

597. Re: WWCR 5.810MHZ 8pm 12pm Eastern(CHECK IT OUT!!)

Newsgroup: rec.radio.scanner
Date: 1994-01-25 01:30:28 UTC
From: ez006683@chip.ucdavis.edu
Message-ID: <CK5w6v.1Ey@ucdavis.edu>
Source record: 277548
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.scanner

aghoddo@eos.ncsu.edu wrote:

: I thought some of you might be interested to check out a very interesting
: program called the Hour of the Time by William Cooper on WWCR(world wide
: christian radio). There are two programs nightly at 8pm and 12pm. Enjoy!

Please post this to rec.radio.amateur.pulpit.religion

--
---
* Daniel D. Todd Packet: KC6UUD@KE6LW.#nocal.ca.usa *
* Internet: ddtodd@ucdavis.edu *
* Snail Mail: 1750 Hanover #102 *
* Davis CA 95616 *
---
* I do not speak for the University of California.... *
* and it sure as hell doesn't speak for me!! *
---

598. Re: Cellphone transmissions

Newsgroup: rec.radio.scanner
Date: 1994-01-25 03:33:45 UTC
From: bwilkins@iat.holonet.net
Message-ID: <CK61wC.BpM@iat.holonet.net>
Source record: 277553

meyer@server.cs.jhu.edu (Daniel Meyer) writes:
: Actually, the forward channel (from cell-tower to cellphone) is
: about 868-894, the backchannel (from cellphone to cell-tower) is 30MHz lower.

Most radio services in the 800 MHz spectrum including cellular are 45 MHz
between Transmit and Receive. Mobiles transmit low, Repeaters transmit high.

Bob

--
Bob Wilkins n6fri voice 440.250+ 100pl san francisco bay area
bwilkins@cave.org packet n6fri @ n6eeg.#nocal.ca.usa.na

599. New York Mall Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-25 04:51:58 UTC
From: adalton@lynx.dac.neu.edu
Message-ID: <2i28he$8od@lynx.dac.neu.edu>
Source record: 277552
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Someone e-mailed some time ago asking for some mall frequencies and I lost thier address. I hope whoever asked for them reads this. If not I hope someone can use them.

Northway Mall, Colonie, NY 461.6875
Roosevent Field, Mineola, NY 462.725
Sunrise Mall, Massapequa, NY 151.865 , 464.465
Cross Country Cntr., Mt. Vernon, NY 154.57 , 154.60
Gateway Plaza New York, NY 464.825
Smithaven Mall, Lake Grove, NY 154.60

Hope this helps!

Happy scanning!

Andy

adalton@lynx.dac.neu.edu or adalton@nuhub.dac.neu.edu

600. Re: Pro-43, Problem locking out CH 100

Newsgroup: rec.radio.scanner
Date: 1994-01-25 05:21:01 UTC
From: linley@netcom.com
Message-ID: <linleyCK66v1.J5D@netcom.com>
Source record: 277500

In ye olden post albert@sc.hp.com (Albert Alcorn) spake...
>Harry E. Cline (clinehe@cherokee3.rtsg.mot.com) wrote:
>: I picked up the Pro-43 last week and discovered I can't lockout channel 100. Every other channel works fine. Anybody else had this problem?
>
>: Harry
>
>Hum, mine works fine. I have it locked out right now.

Same here. Remember, though, that the pro-43 will requires that at least one channel in each bank NOT be locked out. ch100 is the last channel in bank 5. Did you lockout ch81-99?

--
Bruce James Robert Linley | ___________, ,-----/^\-----. | "I never wanted to
>>> linley@netcom.com <<< | _NCC-1701_) `-..--_/-----' | be anything but
- - - - - - - - - - - - - | ______//_ | an engineer."
main(){while(fork()>=0);} | (___________) | - Montgomery Scott

601. Re: Bought your Yupiteru MVT7100 in Japan?

Newsgroup: rec.radio.scanner
Date: 1994-01-25 07:17:55 UTC
From: funa@sra.co.jp
Message-ID: <FUNA.94Jan25161755@sran260.sra.co.jp>
Source record: 277555
Cross-posted to: alt.radio.scanner,rec.radio.scanner
Body handling: HTML body converted to readable text

In article <76@hullabaloo.win.net> gray@hullabaloo.win.net (Gray Schlichting) writes:

|In article , Michael Max Stoaks (max@netcom.com) writes:
|>Hi,
|>I was wondering if anybody
|>bought their Yupiteru MVT7100 in Japan. If so, I'd like to know:
|>1. Where you bought it
|
| TZONE in Tokyo
|
|>2. Price
|
| $330USD
|>3. Did it come with a warranty
| Didn't really think about it because I assumed it would not be
|valid in the US.
|
|>Any info would be much appreciated !
|
| ANother posting on this said to be careful because there were
|blocked freqs in the Japan ones. Not on mine - I verified it!
|
|>Thanx,
|>Michael
|>

You must be full coverd mods. Normal Japanese version is not
cover 800-900 MHz. But 46-47 MHz coverd. :-)

#I want C401X .But over sea mail-order shop is unknown.
--
($B3t(B)$B#S#R#A7PM}(B$BIt(B $B=.66(B $BL4?M(B $B!?!@(B |% mail ff@sran197.sra.co.jp
TEL.03-3234-2655 $B!?(B $B#J(B $B!@(B |get HELP LIST $B"+K\J8$K=q$/(B
$BFb@~(B 82-2004 $B!1!1!1!1(B |^D BG(BOK. (Subject BK=q$$$A$c%@%a(B)
|% ff mail-service $B

602. Pro-2004 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-01-25 07:42:46 UTC
From: nettech@crl.com
Message-ID: <2i2ihm$q5h@crl.crl.com>
Source record: 277554

I have a Radio Shack Pro-2004 that was mounted in my service truck.
It has no internal speaker, I do have the external speaker. Its mod.
for cell reception etc. Send me your offers.

nettech@crl.com
--
Joseph Stroup

603. Re: AOR AR1000XLT vs. Yupiteru MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-01-25 12:43:13 UTC
From: chris@apanix.apana.org.au
Message-ID: <2i3451$243@olivaw.apanix.apana.org.au>
Source record: 277426

Hellow out there. I was just wondering I am going to be in the
market for a scanner later on this year. I was wondering if
there is any scanner retailer who would sell me an mvt7100 in
Adelaide south australia. I am not sure whether to go for that
one or the aor 1000 xlt which I think I can get seckond hand as
--
Yours Sincerely, Christopher Sims, phone voice +61-8-377-2082 day or night.

604. Re: want to build reciever for 108-137Mhz

Newsgroup: rec.radio.scanner
Date: 1994-01-25 13:34:58 UTC
From: asirene@ntuvax.ntu.ac.sg
Message-ID: <1994Jan25.213458.1@ntuvax.ntu.ac.sg>
Source record: 277556
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.scanner

In article <2i1fki$cmb@vixen.cso.uiuc.edu>, berthec@osiris.cso.uiuc.edu (Chad Berthelson) writes:
> As the subject line says, I want a tunable receiver that will pick
> up Air Bands (108-137 Mhz). I don't need anything fancy, but I
> don't have much to go on. What would this entail, it can be rough
> but needs to be cheaper than buying a $100 scanner with the same
> capabilities (except lot's fancier). I had (as a kid) a radio
> shack kit that built an AM receiver, is that pretty close to what
> I have to do to pick up these higher freq's? I figure some of you
> guy's would know. If you know of a book that would tell me what
> I need, that would work fine. thanks in advance....

Depending on your taste, here's a pretty simple solution. Get yourself one of those cheap made in the Far East FM broadcast radios. Now when you open these sets you will normally see one or two small coils of enamel coated wire, especially near the tuning capacitor. As you move your finger near one of these coils, you will find that the radio detunes. That coil is the mixer oscillator coil. What you need to do now is to gently pry the windings apart so that the spacing is greater now. Step two is to indentify the trimmers behind the big tuning capacitor. Usually such small radios are AM/FM. Behind the tuning capacitor you usually find 4 trimmers. 2 are related to AM and 1 is for the FM coarse tuning and another for the telescopic antenna matching. I leave it to you to experiment. The coarse tuning will have the effect of changing the tuning range, you should turn this so that both the plates are visible to you. The antenna trimmer is for you to adjust for best reception. What you can do is tune to any FM station, see which trimmer detunes it, that is probably the coarse tuning. Finally, look for a light blue IF transformer can. This is sometimes white but it is the discriminator transformer. Turn this slowly until the white noise (the hissing) becomes loudest. This is necessary so that the AM reception is clearer since most FM also has some AM ability. Now tune to some station in about 124 mHz (you go figure that out yourself). When the transmission comes on. Tune the antenna for best reception. There is ANOTHER coil on board which is normally close to a bunch of capacitor and one transistor. This is the RF amplifier section. You can also stretch the coil a little to get better gain at Air-band.

There you go. A cheap ($5 or so) but working Air-band monitor.
Of course you don't get digital display or memory scanning .... but what do you expect :)

Have fun. 73 de 9VG Daniel

>
>
> Chad Berthelson
> k
> --
> Chad R. Berthelson Navy Public Works Center
> Environmental Engineer 310 John Tower Rd.
> berthec@osiris.cso.uiuc.edu Naval Air Station
> (904) 452-4728 (work) Pensacola, FL 32508-5303

605. Re: looking for Report on Radio Shack PRO-2026 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-01-25 14:44:22 UTC
From: Pauer@on.bell.ca
Message-ID: <1994Jan25.144422.5175@dmog10.bell.ca>
Source record: 277497

In article <CK5MDB.1K0@iceonline.com> frankd@icebox.iceonline.com (Frank Dawson) writes:
>I would like to know if anyone could give me a report on the
>< patroman > PRO-2026 Radio SDhack Scanner. (20-148) Canadian Catlog #
>
> Frank Dawson
> frankd@icebox.iceonline.com

Hi,
I recently acquired a pro-2026, not a bad scanner, but it has no internal backup for its memory. Not a big deal if you wire it in permanently, it has 3 power wires, 1 goes to the ignition switch, 1 goes directly to the battery and 1 for ground. I find this to be an anoyance as I move it between the car and house regularly, and sometimes have to rekey in the channels, sometimes it retains them. Other than that it is a pretty good 100 channel unit. Freq is from 29Mhz to 956Mhz (not continous), and it is cell restorable.

The cell restore is done by removing the bottom and snipping one rather largish jumper, about 3 minutes work.

On the whole I am happy with the unit.

Peter.

606. Frequency sort ???

Newsgroup: rec.radio.scanner
Date: 1994-01-25 15:00:50 UTC
From: cbh@cbnewsb.cb.att.com
Message-ID: <CK6xpE.Grz@cbfsb.cb.att.com>
Source record: 277559

I have just become the proud owner of a Yupiteru
MVT7100 (courtesy of good service from Javiation).
I am wondering whether any of you more experienced
scanners have suggestions on the layout of frequencies
across the 1000 channels. I live in a metro area
(close to Newark/New York). Listening mostly to police,
cordless, tv, cb, shortwave ...)??

Also, anyone have any Garden State Parkway frequencies
or other interesting NJ freq's beyond Police Call, I would appreciate.

Thanks,
Arthur

607. SPLog - It Ain't Free!!

Newsgroup: rec.radio.scanner
Date: 1994-01-25 15:24:00 UTC
From: mario.campos@cld9.com
Message-ID: <7.2699.2202.0N5ABF75@cld9.com>
Source record: 277441

To All Hams World-Wide,

I spotted a reference to a FREE logging program on a conference that I monitor on USENET. I had the article published in our Club newsletter as well as mailed to over 75 Hamclubs throughout Calif., Hawaii, the East Coast!

A friend of mine sent for this program. He received his program but it isn't free. I find this sort of advertising to be deceptive and misleading. I find that $49.99 is not exactly free or did I miss something when I read the following description to SPLog.

The following text was excerpted from the post on USENET and the docs that came with SPLog!
---

* * * FREE LOGBOOK SOFTWARE * * *
^^^^^^^^^^^^^^^^^^^^^
Greetings to all.

Latest version of very popular Logging software SPLog is now available to the world at large.

For your free copy, send a formatted disk of your choice
^^^^^^^^^
(IBM format) with SASE (Foreign stamps are No Good in Canada) to:

Peter Pfeiffer
63 Beaver Cr.
Brantford, Ont.
N3P 1T3
Canada

Please do not send thin envelopes. Try to send a disc mailer and I will re-use it to return your disc.
This is a free offer so try not to put me to any expense.
^^^^^^^^^^

The following is an excerpt from SPLog's documentaion files
^^^
8.0 SPLog License

SPLog is NOT a Public Domain program and is NOT free. SPLog is copyright (C) 1990-1994 by Alpha Business Software.

Regular Registration Price $49.99
^^^^^
Version Introducion (Until May 1, 94) $39.99

^^^^^
Registered Users: Upgrade Diskette $15.00
^^^^^
Non-registered users of this program are granted a limited one
month license to SPLog to evaluate the programs suitability for their
requirements. Any usage of SPLog beyond evaluation time period
requires registration of each copy of the program used. Use of non-
registered copies of SPLog beyond the original evaluation period is
prohibited.

I plan to send a copy of this post to VE3NPL@VE3EUK.#SCON.ON.CAN.NA via
packet as well as all the shareware, hamradio conferences available to me
through the Internet as well as copies to editors of various hamradio
publications!

73,

mario.campos@nitelog.com (Mario Campos)
N6ALS@K6LY#NOCAL.CAL.USA.NA

Message written at 9:15am, on Tuesday, January 25, 1994.
---
* [R2.00o] * Usenet * Nitelog BBS * Monterey CA * 408-655-1096

608. BC855XLT for sale

Newsgroup: rec.radio.scanner
Date: 1994-01-25 15:43:40 UTC
From: gah@ccd.harris.com
Message-ID: <1994Jan25.154340.19747@ccd.harris.com>
Source record: 277495
Cross-posted to: rec.radio.scanner,alt.radio.scanner

For Sale

BC855XLT scanner with cellular modification
and 100 channel modification.

Perfect condition, original box, manual etc...

$150 + shipping.

609. Re: cellular 30mhz jumps

Newsgroup: rec.radio.scanner
Date: 1994-01-25 15:49:45 UTC
From: dean@cygnuscommodore.com
Message-ID: <1994Jan25.154945.21844@cbmnews.commodore.com>
Source record: 277550

In article <888_9401201730@chigate.fidonet.org>, jerry.smith@radiohobby.chigate.com (Jerry Smith) writes:
|> Hi, Cali...
|> Do you mean 30 khz intervals? The typical channel spacing for cellular
|> phone channels is 30 khz. So, you aren't missing anything.
|>
|> Jerry...Chicago

Then I'm confused. My BC200xlt scans like this:

870.600
870.612
870.625
870.637
870.650
870.662
870.675
870.687
870.700

That looks to me to be 12.5khz spacing. What's wrong?

==
| |\ /| Commodore Technology |
| 'O O` Jeffrey Dean 1200 Wilson Drive |
| > v < Manager, Design Assurance West Chester, PA 19380 |
| ^ dean@commodore.com |
==

610. Re: New York Mall Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-25 15:54:26 UTC
From: yt7062@ARK.SHIP.EDU
Message-ID: <2i3fbi$ed9@jake.esu.edu>
Source record: 277568

In article <2i28he$8od@lynx.dac.neu.edu>, adalton@lynx.dac.neu.edu (Andrew Dalton) writes:
>Someone e-mailed some time ago asking for some mall frequencies and I
>lost thier address. I hope whoever asked for them reads this. If not I
>hope someone can use them.
>>
Let me add a few (just a few) to that list:

464.875MHz Colonial Park Mall (Security) Harrisburg, PA

464.325MHz Harrisburg East Mall (Maint. & Security) Harrisburg, PA

The East Mall security happens to be one of the most interesting freqs to
monitor in Harrisburg, while Colonial Park Mall has a rather bland security
force... YAT...

611. Central PA Freqs Wanted/Info Traded...

Newsgroup: rec.radio.scanner
Date: 1994-01-25 15:58:07 UTC
From: yt7062@ARK.SHIP.EDU
Message-ID: <2i3fif$ed9@jake.esu.edu>
Source record: 277569

Heya... Anyone out there looking to trade freqs & info for Central PA? I have some good Harrisburg, PA freqs & info, but I am looking for info for other areas of the state as well... Send freqs/info to YT7062@ark.ship.edu
Thanx...

612. Cellphone-->>Scanner??

Newsgroup: rec.radio.scanner
Date: 1994-01-25 16:22:57 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <1994Jan25.162257.11892@cronkite.ocis.temple.edu>
Source record: 277557

Weird, I saw an article, I think in monitoring times, although I can't be sure. But anyway the article stated that someone was giving a speech on the security of cellular phones or something,, (being real specific here) but anyway, the point is that this guy punched a couple of buttons on a hand held phone and it suddenly became a cellular phone scanner!

1) Is there any truth to this,

2) How realistic is it to preform this?

3) Any comments / Info about this new Free cellular phone scanner possibility??

613. SPLog - It Ain't Free!!

Newsgroup: rec.radio.scanner
Date: 1994-01-25 16:44:00 UTC
From: mario.campos@cld9.com
Message-ID: <7.2700.2202.0N5ABF76@cld9.com>
Source record: 277443

To All Hams World-Wide,

I spotted a reference to a FREE logging program on a conference that I monitor on USENET. I had the article published in our Club newsletter as well as mailed to over 75 Hamclubs throughout Calif., Hawaii, the East Coast!

A friend of mine sent for this program. He received his program but it isn't free. I find this sort of advertising to be deceptive and misleading. I find that $49.99 is not exactly free or did I miss something when I read the following description to SPLog.

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via packet as well as all the shareware, hamradio conferences available to
me through the Internet as well as copies to editors of various hamradio
publications!

73,

mario.campos@nitelog.com (Mario Campos)
N6ALS@K6LY#NOCAL.CAL.USA.NA

Message written at 10:46am, on Tuesday, January 25, 1994.
---
* [R2.00o] * Usenet * Nitelog BBS * Monterey CA * 408-655-1096

614. Re: Global Alert For All: Jesus is Coming Soon

Newsgroup: rec.radio.scanner
Date: 1994-01-25 16:46:25 UTC
From: nick+@pitt.edu
Message-ID: <nick+.1109904025A@usenet.pitt.edu>
Source record: 277558

In Article <genric-210194205647@?.unm.edu>, genric@triton.unm.edu (generic)
wrote:

>YABA YABA. (yet another born again). I coined my own acronym. What I really
>want to know is how in the world (pun intended) did he post to so many
>newsgroups.

Some one on comp.sys.mac.portables posted that this guy is a sys
admin at (forgot the site).mil. He probably made a simple program to
automate it.

-- Nick

_/ _/ _/ _/_/_/ _/ _/ Sea Shells to C shells, Waikiki to
_/_/ _/ _/ _/ _/ _/_/_/ the Internet, a wave, is a wave...
_/ _/_/ _/ _/ _/ _/
_/ _/ _/ _/_/_/ _/ _/ CompSrv: 71232,766 I-Net: Nick+@pitt.edu

615. Re: NJ State Police Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-25 17:14:14 UTC
From: jung@base.bellcore.com
Message-ID: <1994Jan25.171414.25246@porthos.cc.bellcore.com>
Source record: 277561

Some basic NJ freqs:

154.680 SPEN 1
155.475 SPEN 2
154.725 SPEN 3
153.785 SPEN 4 / JEMS 4
155.295 NorStar (Medevac) dispatch

SPEN = statewide police emergency network.
JEMS 4 is used for coordination on large multi-casualty incidents
After dispatch, NorStar switches over to the trunked state police
network, and will contact the fire/ems agency on their frequency.

I don't have too much else from "up north". I have mostly Morris,
Somerset and Middlesex counties if you're interested.

Eric
--
Eric C. Jung Bellcore Advanced Software Environment
(908) 699-4684 444 Hoes Lane RRC 1S-222
jung@cc.bellcore.com Piscataway, NJ 08854

616. Re: Pro-43, Problem locking out CH 100

Newsgroup: rec.radio.scanner
Date: 1994-01-25 17:19:19 UTC
From: clinehe@cherokee3.rtsg.mot.com
Message-ID: <2i3kan$7o@delphinium.cig.mot.com>
Source record: 277524

Problem solved (explained anyway). Thanks to everyone!

The deal was, I was trying to lockout the last channel in the bank. At least one channel has to remain "unlocked" in each bank.

Harry

617. Re: Need Central/North Jersey/NYC frequencies...

Newsgroup: rec.radio.scanner
Date: 1994-01-25 17:34:54 UTC
From: paul@hsh.com
Message-ID: <1994Jan25.123454.3516@hsh>
Source record: 277562

cbarkley@cbnewst.cb.att.com (shawn.p.hughes) sez:
>
> I just got a scanner, and I need frequencies to scan.
> Also, any advice would be appreciated.

My advice is: get thee to Radio Shack and buy the NJ _Police Call_
for starters. Enter your local police, fire, and gummint freqs.
Take it from there.

In light of the atrocious weather, I highly recommend 453.000 MHz --
that's where the Shadow Traffic choppers and vans relay their
on-the-spot traffic info in North NJ. It beats the hell out of the
everywhere-but-where-you-care-about coverage that you get on the radio.
And you usually get it before it's too late to avoid the traffic.

On a related note, I'd like to swap other NYC-north NJ media frequencies
-- ABC, CBS, etc -- with interested parties.

=-=-=-=-=-=-=

Paul Havemann (paul@hsh.com) Resident Cynic, a.f.d-q

618. Re: Just bought Tropez 900MHz phone

Newsgroup: rec.radio.scanner
Date: 1994-01-25 17:55:46 UTC
From: wai@iai.mv.com
Message-ID: <759520546snx@iai.mv.com>
Source record: 277563

The phone is great, customer service is below par.

I'm on my third 900DX phone. The first generated lots of harmonics into the 440 ham band,

The replacement for the first, had a short in the handset and it wreaked with a perfume smell, plus I waited a month. I think it was a refurb unit

The replacement for the replacement has harmonics (448 Mhz) but not to bad. It's a new unit because I demanded one from Vtech

Overall, I'm happy with the phone! If you have a problem, make sure you get a new unit and not a refurb.

Wai Hom WB3BHT Imaging Automation, Inc.
wai@iai.mv.com (603) 598-3400
FAX: (603) 598-3422

619. Re: Cellphone-->>Scanner??

Newsgroup: rec.radio.scanner
Date: 1994-01-25 18:16:49 UTC
From: sscalsk@relay.nswc.navy.mil
Message-ID: <SSCALSK.94Jan25131649@screamer.nswc.navy.mil>
Source record: 277565

From: camter28@astro.ocis.temple.edu (-=FOOBARF=-)

Weird, I saw an article, I think in monitoring times, although I can't
be sure. But anyway the article stated that someone was giving a speech
on the security of cellular phones or something,, (being real specific here)
but anyway, the point is that this guy punched a couple of buttons on a
hand held phone and it suddenly became a cellular phone scanner!

The article you might be citing was in the Jan '94 Monitoring Times in the
'Scanning Report' section (p34). The article stated: "The director of Sun
Microsystems, John Gage, told the House Energy and Commerce subcommittee
that "every cellular phone is a scanner".'

1) Is there any truth to this,
2) How realistic is it to preform this?
3) Any comments / Info about this new Free cellular phone scanner
possibility??

The article goes on by saying some of the things that Gage failed to tell
the subcommittee - keys have to be pressed in a specific order, the procedure
varies between manfacturers and some disassembly may be required. Check out
the articles in Nuts and Volts. They have been covering cell phone
reprogramming lately. On the surface it seems as if there are elements of
truth in the MT article. [Just for the record: is Gage a noted authority on
cellular phones?]

-= stan

620. AT&T 900MHz phones

Newsgroup: rec.radio.scanner
Date: 1994-01-25 18:38:20 UTC
From: heinle@cmf.nrl.navy.mil
Message-ID: <CK77rx.Jst@ra.nrl.navy.mil>
Source record: 277564

I just saw an add for the AT&T 900 MHz digital cordless phone. The add says things like, "Fully digital transmission", and "Digitally scrambled voice commuinications between handset and base."

Has anyone seen these? Do you know what they are doing to the transmission?

Thanks,
Glenn

621. Re: Cellphone-->>Scanner??

Newsgroup: rec.radio.scanner
Date: 1994-01-25 18:46:42 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2i3pei$g4c@slinky.cs.nyu.edu>
Source record: 277566

|> someone was giving a speech on the security of cellular phones

Many moons ago, we saw a posting by a man who performed that procedure in front of some Congressional committee in Washington, D.C. He explained (in soft focus) what he did and stated that he will not give out the details of the procedure to those who asked. It was, I believe, to argue against the son of the ECPA by showing that cellular phones were indeed the types of devices the son of the ECPA forbids the manufacture of, or that it is very easy in general to monitor such conversations.

Over time, we have seen many postings by people who explain the procedure for specific models, but I don't think the issue was ever settled as to whether the cellular carrier knows the unit is "off the hook" and, thus, charges for air time while you are listening to conversations.

I guess if you never register the phone, you might be able to get something going, but dealers often put in fine print under the $47 cell phone "add $300 to price without phone activation".

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Commercial sign in 5, 4, 3, 2... commercial sign now"

622. Ski patrol radio frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-25 19:36:24 UTC
From: pas@cc.gatech.edu
Message-ID: <1994Jan25.193624.18122@cc.gatech.edu>
Source record: 277571
Cross-posted to: rec.radio.scanner,rec.skiing

I am planning on bringing my scanner with me to Colorado on an upcoming work/ski trip. I would like to know if anyone has the frequencies used by the Ski Patrol, especially at the following areas: Keystone, A-Basin, Breckenridge, Eldora, and Winter Park.

What kinds of communications go on? Are there some codes I should be aware of?

Thanks a lot in advance.

Paulo Santos


```
+-------------------------------------------------------+
____ _ | Paulo Santos Email: pas@cc.gatech.edu |
|__\_\_o,___/ \____| College of Computing |
([___\_\_____-\' | Georgia Tech Voice: +1 404 853-9393 |
| o' | Atlanta GA 30332-0280, U.S.A. Fax: +1 404 853-0673 |
+-------------------------------------------------------+
```

623. Bearcat 560xlt scanner

Newsgroup: rec.radio.scanner
Date: 1994-01-25 21:07:19 UTC
From: santos@telebit.com
Message-ID: <CK7Eo7.4Mv@telebit.com>
Source record: 277567

I checked the modification FAQ but did not find anything on the 560xlt.

Im new to scanners and was given this scanner. Is there any type of
modification I can do to it to improve performance? Can I get 800mhz?

Any information regarding this scanner would be great.

Thanks!

624. Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-01-25 21:34:41 UTC
From: llorance@netcom.com
Message-ID: <lloranceCK7Fxu.5tx@netcom.com>
Source record: 277573

I understand the Pro-43 will go on sale for $299 sometime this week.
--
llorance@netcom.com

625. 806.000??

Newsgroup: rec.radio.scanner
Date: 1994-01-25 22:44:42 UTC
From: jeplyler@uncc.edu
Message-ID: <CK7J6J.Fwo@unccsun.uncc.edu>
Source record: 277570

I noticed that there are a ton of 806.000 Mhz freqs listed as business freqs. What are these?. Are they itenerant w/ts or what??

Jon Plyler (N4ZVY)

626. TV channel spacing

Newsgroup: rec.radio.scanner
Date: 1994-01-25 22:47:09 UTC
From: johnlt@hub.parallan.com
Message-ID: <a6cqgc10w165w@hub.parallan.com>
Source record: 277477

Why is it that TV channels are usually not just assigned sequentially ie. 2,3,4,5,6,7 but instead in most areas the TV channels skip around some so that they are pretty evenly spaced out. Is it so that the sequential channels don't interfere with each other? Also it seems like certain channels are more popular - 2,4,5,7,9,11,13. When the a scanner stops on something that sounds like noise is it ever getting the video signal from a TV channel and converting it to audio? What frequencies would the video signal from tv be sent on, would it be right next to the audio signal?

John Lautmann

627. Mods for a RS PRO-42

Newsgroup: rec.radio.scanner
Date: 1994-01-25 23:30:34 UTC
From: gdo7q@galen.med.Virginia.EDU
Message-ID: <CK7LAy.8xM@murdoch.acc.Virginia.EDU>
Source record: 277485

Does anyone know of any mods for a Radio Shack PRO-42? I have one that is about 3 years old. What I am primarily interested in is getting more channels, 10 seem sooo boring. If no mods are known I'll probably buy a new scanner--any advice?????

you can e-mail me at gdo7q@virginia.edu

628. Beyond Police Call

Newsgroup: rec.radio.scanner
Date: 1994-01-25 23:35:50 UTC
From: jefft@gatecom.com
Message-ID: <gate.wigqgc1w164w@gatecom.com>
Source record: 277476

I just picked up my 1994 Police Call book at our local Tandy store and noticed an interesting ad in it. It states that there is a new publication coming out in April called "Beyond Police Calls". Does anyone have any more info on it? And Richard Barnett if you are out there, are there any early computer text versions available?

Thanks,
Jeff Trudell

Gateway Online ... 38 Line Multi-user Interactive Information System
Taylor, Michigan - (313)291-5571 2400 baud (313)291-5571 9600 baud
Sysops: Bill Mullen - Jeff Breitner

629. Re: 806.000??

Newsgroup: rec.radio.scanner
Date: 1994-01-25 23:55:35 UTC
From: bmiller@landesk.intel.com
Message-ID: <2i4bhn$kna@ornews.intel.com>
Source record: 277572

In article <CK7J6J.Fwo@unccsun.uncc.edu> jeplyler@uncc.edu writes:
>I noticed that there are a ton of 806.000 Mhz freqs listed as business
>freqs. What are these?. Are they itenerant w/ts or what??
>
> Jon Plyler (N4ZVY)
>
>
>
>

I have also noticed this. I have seen this frequency assigned to many
different services. What does this represent?

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

630. Re: WWCR 5.810MHZ 8pm 12pm Eastern(CHECK IT OUT!!)

Newsgroup: rec.radio.scanner
Date: 1994-01-26 00:36:08 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <5KJHjGG8ynrC053yn@dorsai.dorsai.org>
Source record: 277574
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.scanner

In article <CK5w6v.1Ey@ucdavis.edu>, Daniel D. Todd wrote:
> aghoddo@eos.ncsu.edu wrote:
>
> : I thought some of you might be interested to check out a very interesting
> : program called the Hour of the Time by William Cooper on WWCR(world wide
> : christian radio). There are two programs nightly at 8pm and 12pm. Enjoy!
>
> Please post this to rec.radio.amateur.pulpit.religion

The show is anything but religion, you see WWCR also means World Wide
Conspiricy Radio. Anyone want to take a vote on starting an
alt.radio.conspiricy newsgroup for WWCR listeners? C'mon all you Tom
Valentine and Pastor Pete fans, this is for you.

< ^^>
< "Big Steve" Coletti >
< Shortwave Listener, Broadcaster, Computer Consultant >
< and all around nice guy >
< Internet: bigsteve@dorsai.dorsai.org ==== S.COLETTI2@genie.geis.com >
< UUCP: Steve_Cole@islenet.com ==== steveny@lopez.marquette.mi.us >
< Fidonet: 1:278/712 US Mail: P.O. Box 396, New York, NY 10002 >
< Voice: +1 212 995-2637 >
~~~~~~
~~~~~~

631. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-01-26 00:53:07 UTC
From: vhealey@crl.com
Message-ID: <2i4etj$sbs@crl2.crl.com>
Source record: 277475

Is the Pro 43 any good? Yeah i know it is radio shacks top hand held but I see many apparently do not like dieplay battery life and unreliable speaker .

I picked up a Pro 46 and for $180 it gives a bigger bang for the buck then I thought it would.

It doesn't compare with the AOR1000xl but then apparently the Yupiteu is the only hand held that is better then that.

Comments... I take the 46 back in a heartbeat if you can tell me why the 43 is worth $120 more cash outlay.

By the way the display looks larger in the 46 then the 43.

Victor

PS I do know what triple conversion is but is it worth $120?

632. MA State Police 800 MHz system

Newsgroup: rec.radio.scanner
Date: 1994-01-26 01:49:27 UTC
From: steve@betabbs.trystero.com
Message-ID: <9401260124.AA01676@betabbs.trystero.com>
Source record: 277478

I would like to know if there is a way to get rid of celular interfearance
when listening to non-cellular frequencies. I'd like to listen to the
State Police 800 MHz stuff, but the cellular images get picked up by my
BC890XLT so much that it's too anoying to listen to. You constanly have
to keep hitting scan because the squlch is broken by a cellular image
all the time. If I used a specific 800 MHz antenna would this clear up?
If there were PL tones on the MA State police 800 MHz system I could
get the CTCSS board for the 890XLT, but thewre doesn't seem to be. Also
I have a 2m/70cm antenna on my car, and a glass mount 25-1000MHz
cellular look-a-like (but longer). Is there anything wrong with unscrewing
the all band antenna and putting a real cellular antenna on it?
And lastly, how can I use both antennas together for 2m/70cm/800MHz
all at once. Is it as easy as taking a BNC splitter and screwing both
of them in? Or will this cause undesired reception from the antenna that
isn't currently being used? (If I'm listening to a repeater on 2m, is the
presence of the cell antenna going to cause some random frequency to
come in also? If anyone has any answers for me please send me e-mail
as I don't have usenet access. :((email betabbs.trystero.com if possible
but trystero.com is fine too)
Thank you very much to all with help and all that took the time to read
in hopes of helping.

633. Re: MA State Police 800 MHz system

Newsgroup: rec.radio.scanner
Date: 1994-01-26 01:56:00 UTC
From: cr933@cleveland.Freenet.Edu
Message-ID: <2i4ijg$ldi@usenet.INS.CWRU.Edu>
Source record: 277479

Sorry man, but as far as I know there is no way of getting around
this cellular problem. I enjoy listening to my area's 800 mhz
system and have the same problem. If anyone can solve this
problem PLEASE e-mail me!
MIKE
--
Thanks,
Mike Noll

634. Re: MA State Police 800 MHz system

Newsgroup: rec.radio.scanner
Date: 1994-01-26 02:29:49 UTC
From: bmiller@landesk.intel.com
Message-ID: <2i4kit$r89@ornews.intel.com>
Source record: 277489

In article <2i4ijg$ldi@usenet.INS.CWRU.Edu> cr933@cleveland.Freenet.Edu (Michael P. Noll) writes:
>
>Sorry man, but as far as I know there is no way of getting around
>this cellular problem. I enjoy listening to my area's 800 mhz
>system and have the same problem. If anyone can solve this
>problem PLEASE e-mail me!
>MIKE
>--
>Thanks,
>Mike Noll

The only two things that come to mind (short of getting a better scanner) are 1. Try an attenuator. You should be able to attenuate the images while still leaving enough signal to receive the desired station. 2. In addition to the attenuator a directional antenna might help. If you can piont it toward the 800MHZ system without pointing it at any cell sites, you may attenuate the cell signals (less capture) and it would also give better performance with an attenuator. The more narrow the beamwidth the better. This assumes that the 800MHz system has a single repeater station (which it might).

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

635. Re: Pro-43, Problem locking out CH 100

Newsgroup: rec.radio.scanner
Date: 1994-01-26 02:58:15 UTC
From: mulligan@ACM.ORG
Message-ID: <2i4m87$3np@hopper.acm.org>
Source record: 277490

Ordinarily, the Pro-43 will not let you lockout all the channels in a bank, or de-select all banks. This was probably the problem reported by clinehe@cherokee3.rtsg.mot.com.
However, it is possible to lockout the last channel in a bank. If that is the only bank enabled for scanning, the PRO-43 has a cardiac arrest ....

****** W A R N I N G ******

To all PRO-43 owners

The PRO-43 will let you lockout all the channels in a bank. If that bank is the only one selected and you switch to scan mode (or turn it off), you've lost it. The only recourse is to reset the scanner and start re-programming all 200 channels. (Oh well, I wanted to reassign some of them anyway)

The key to this disaster is the Program mode. In Manual or Scan it will not let you lock out the last channel in a bank, but it will allow it if you're programming channels.

Ergo - When programming:
Leave another bank enabled for scan; or
Make sure at least one channel is left unlocked; or
Don't touch that !#$$%@ lockout key.

636. 800.000??

Newsgroup: rec.radio.scanner
Date: 1994-01-26 02:59:01 UTC
From: mulligan@ACM.ORG
Message-ID: <2i4m9l$3np@hopper.acm.org>
Source record: 277491

The FCC lists the mobile licensees using an SMR (Specialized Mobile Radio) trunk as 806.000 MHz. You can listen to them on one of the trunks operating in the 851-866 band, but there's no indication as to which trunk they're using.

/* barry /&

637. Are newsfeeds out there?

Newsgroup: rec.radio.scanner
Date: 1994-01-26 03:42:07 UTC
From: gl8574@eve
Message-ID: <1994Jan26.034207.2499@sarah.albany.edu>
Source record: 277481
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Question:

The other day, I was perusing back issues of 73, and I stumbled across an article on how to connect an old Commodore 8-bit machine to receive RTTY.

My thought on the matter was that it would be neat to pick up the newsfeeds if they're out there. As I tune across my dial, I hear many RTTY signals, and I was wondering two things:

1. Are the newsfeeds (AP, UPI, etc) out there and available in this form?

2. Is an old Hallicrafters (an s-38b) sufficient to the task, and if so, what sort of hardware should be connected between its headphone socket and the input on my machine, and should the BFO be on or off and what useful info is there on how to tune it?

Thanks for any help you could supply.

--

Critter

638. Re: looking for Report on Radio Shack PRO-2026 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-01-26 04:13:57 UTC
From: vasrat@tvtwo.com
Message-ID: <vasrat-250194231357@tvtwo.com>
Source record: 277482

In article <CK5MDB.1K0@iceonline.com>, frankd@icebox.iceonline.com (Frank Dawson) wrote:

> I would like to know if anyone could give me a report on the
> < patroman > PRO-2026 Radio SDhack Scanner. (20-148) Canadian Catlog #

I picked one up when they were on sale a while ago for $139US. Only gripe I have is that it locks up on certain frequencies when my um high-frequency detection device (ok radar detector) is also on. The 800 MHz mod is very easy (just clip a wire) and the search by service (police, fire, weather, marine, air) is great if you are in a new area.

639. Anyone ever tried the Xandi 800mhz to 400mhz mod kit???

Newsgroup: rec.radio.scanner
Date: 1994-01-26 04:51:55 UTC
From: ah157@cleveland.Freenet.Edu
Message-ID: <2i4stb$a4k@usenet.INS.CWRU.Edu>
Source record: 277483

I can get a kit from xandi electronics for 50 bucks that will let me receive
800-950mhz on my 400-550 mhz scanner.
Has anyone ever used this kit,if so with what results?
Please leave mail with any and all info.
Thanks.

640. Uniden BC560xlt mods WANTED

Newsgroup: rec.radio.scanner
Date: 1994-01-26 05:02:04 UTC
From: elassley@nde.unl.edu
Message-ID: <2i4tgc$orq@crcnis1.unl.edu>
Source record: 277503

Hi everyone on the net... I am new to the world of scanners and just purchased a 560xlt. I never thought that listening on a scanner could be so fun...and I am even a Ham!!! (little inside joke there.) Anyhow, does anyone have any mods for this little mobile jem or know of any tricks you can do like hold down a button on powerup or anything like that? Thanks for any help you can lend to me...
Slater all..
Erin
kb0dmu

--
| // // ONLY AMIGA *-=>SS<=-* Imperial Realm: 402-223-2089 |
| _ // // MAKES IT ********** Where you going now? When you |
| \\//\\// POSSIBLE!! *-KB0DMU-* get to the top of the hill, |
| \/ \/ ********** gonna be there yes I will. - DY |

641. Re: Pro-43, Problem locking out CH 100

Newsgroup: rec.radio.scanner
Date: 1994-01-26 05:36:57 UTC
From: sdbrewst@nyx.cs.du.edu
Message-ID: <1994Jan26.053657.23775@mnemosyne.cs.du.edu>
Source record: 277484

In some obscure part of the manual that comes with the Pro-43, it says something like: at least one channel in each bank must be scannable. IE if you tried to lock channelss 1-20 (in bank 1), channel 20 would be unlockable. This applies to all the other banks as well.

642. Re: 8ch/sec -> 100ch/sec

Newsgroup: rec.radio.scanner
Date: 1994-01-26 05:57:27 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-250194215339@earl.llnl.gov>
Source record: 277486

In article <gate.P4yogc1w165w@bean.apana.org.au>, nick@bean.apana.org.au (Nick Gibbs) wrote:

> bmiller@landesk.intel.com (Brett Miller - Support Engineer) writes:
>
> >Scan speed is not the only thing to consider. When I put a 12MHz xtal
> >in my Pro-2005, Bill Cheek told me that he didn't think it would run
> >reliably, and to get a 10Mhz xtal. The issue here is that the
> >microprocessor may not be able to operate at the speed you mention.
> >It may LOOK like your scanning that fast, but is it hitting every
> >channel, and more importantly, is there enough time to lock on to
> >a signal so that it gets recognized.
>
> Exactly. I tried a 12 Mhz crystal in a Pro-2004. While it did work most
> of the time, it did fail to stop on active channels quite often. Using a
> 10 Mhz crystal it works fine.
>
> I've also put an 18 Mhz crystal into a Pro-2006. That one sure flies
> now!
>
> Nick.

I tried a 20 Mhz xtal in my 2006 and it locked up. I then spoke to Cheek who recommended not to exceed 16 Mhz. 16 Mhz was the fastest speed at which no problems had been reported. I took the safe route and at 16 Mhz, have had no problems.

Gary

The comments expressed above do not reflect the opinions of LLNL.

Gary Ross
Lawrence Livermore National Laboratory
NOVA Laser Operations
P.O. Box 808, L-489
Livermore, CA 94551
(Ross@novax.llnl.gov)
AOL: Rossman

643. Re: Are newsfeeds out there?

Newsgroup: rec.radio.scanner
Date: 1994-01-26 06:13:03 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Jan26.011303.1@uoft02.utoledo.edu>
Source record: 277492
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <1994Jan26.034207.2499@sarah.albany.edu>, gl8574@eve (LASHER GLENN C.) writes:
> Question:
>
> The other day, I was perusing back issues of 73, and I stumbled across an
> article on how to connect an old Commodore 8-bit machine to receive RTTY.
>
> My thought on the matter was that it would be neat to pick up the newsfeeds
> if they're out there. As I tune across my dial, I hear many RTTY signals,
> and I was wondering two things:
>
> 1. Are the newsfeeds (AP, UPI, etc) out there and available in this form?
> The AP feeds are there,but you wont get them on this setup,it takes a big
buck radio and interface.There are other foreign feeds you MIGHT be able to
get.If the software can do sitor,there are hundreds of signals it could print
out from ship and coast stations all over the world.But,your reciever HAS to
be STABLE,I would doubt an old tube rig will work very well.
> 2. Is an old Hallicrafters (an s-38b) sufficient to the task, and if so, what
> sort of hardware should be connected between its headphone socket and the
> input on my machine, and should the BFO be on or off and what useful info
> is there on how to tune it?
> I would imagine you just have to make sure no excessive voltage is on the
headphone jack,and just connect it as the article probably tells you.If you
want to try this reciever the BFO must be on,you are trying to recieve an SSB
signal and tuning will probably be very critical.Good luck!!
>
> Barry N8PVX using Brad's acct:

644. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-01-26 06:20:27 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-250194221550@earl.llnl.gov>
Source record: 277487

In article <lloranceCK7Fxu.5tx@netcom.com>, llorance@netcom.com (Larry Lorance) wrote:
>
> I understand the Pro-43 will go on sale for $299 sometime this week.
> --
> llorance@netcom.com

You can get a PRO-43 delivered for that price any day by mailorder from Marymac (800-231-3680) or U.S. Radio (800-433-7283). If RS does put it on sale, the Texas mailorder folks will lower their price even more. Last time the PRO-43 was on sale, US Radio sold them for $269 delivered. Grove also sells them.

Gary

The comments expressed above do not reflect the opinions of LLNL.

Gary Ross
Lawrence Livermore National Laboratory
NOVA Laser Operations
P.O. Box 808, L-489
Livermore, CA 94551
(Ross@novax.llnl.gov)
AOL: Rossman

645. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-01-26 06:35:58 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Jan26.013558.1@uoft02.utoledo.edu>
Source record: 277493

In article <2i4etj$sbs@crl2.crl.com>, vhealey@crl.com (Victor Healey) writes:
>
> Is the Pro 43 any good? Yeah i know it is radio shacks top hand held but
> I see many apparently do not like dieplay battery life and unreliable
> speaker .
>
Well,the display is tiny the speaker is too,battery life is ok,as far as
I can tell,I get 6 hours on CHEAP($1 a pop)nicads and goes for almost
24 hours on alkalines.Only one person I know of blew his speaker,and I think
it's cause he dropped it.

> I picked up a Pro 46 and for $180 it gives a bigger bang for the buck
> then I thought it would.

> A friend of mine bought one and brought it over to compare it to my 43.It
didn't do too well and he took it back.INTERMOD,INTERMOD,INTERMOD!Lots of
bearcat type images too.It doesn't come within light years of a 43 on 800,
especially on the "Forbidden Band"!
> It doesn't compare with the AOR1000xl but then apparently the Yupiteu is
> the only hand held that is better then that.
> Everyone I knew that had a 1000 got rid of it because of the lousy squelch,
pain in the ass programming,lock ups,etc...
> Comments... I take the 46 back in a heartbeat if you can tell me why the
> 43 is worth $120 more cash outlay.
> Reasons to take it back:
1.It's made by Uniden.(Intermod and image INC.)
2.The 43 gets military air band and 220 hams.
3.the 43 toggles between am\fm so you can get Mil aircraft on 148(approx)MHZ.
4.The 43 is the KING of cellular!
5.All of the above,plus the 46 is made by Unidum!
> By the way the display looks larger in the 46 then the 43.
> Use a magnifiing glass!
> Victor
>
> PS I do know what triple conversion is but is it worth $120?
> If you buy your 43 mail order,you can get it for less than 290 bucks.Even
if it was full price it would be worth it.Uniden seems to continually put
out radios that look nice,have good audio,and a good display,and forget to
put in some decent guts!Check out the "professional"BC-8500 or 890.What pieces
of crap!
Barry Felstein,using Brad's Acct:

646. Re: 806.000??

Newsgroup: rec.radio.scanner
Date: 1994-01-26 06:51:08 UTC
From: skipsand@netcom.com
Message-ID: <skipsandCK85p8.DwG@netcom.com>
Source record: 277488

The listings in FCC records for "806.000" (and for "896.000") are "placeholders", put on licenses issued to end users of trunking SMR business systems. 806.000 only tells you that the license is somewhere between 851 and 868.9875. 896.0 is used for those SMR type licensees above the cellular range.

These licenses are no longer issued, I believe, so there will now be NO indication in FCC records of any license for SMR end users, only the system licensee himself will show up no. The System Licensee is now solely responsible for who uses the system, having to report only number of total users to the FCC, not names.

647. Pro-2010 question

Newsgroup: rec.radio.scanner
Date: 1994-01-26 08:47:21 UTC
From: hoagy@illuminati.io.com
Message-ID: <2i5amp$hvl@illuminati.io.com>
Source record: 277494

I recently purchased a Radio Shack Realistic Pro-2010 from a garage sale.
It works great, save no manual.

It's been a long time since I've owned a scanner, and a few buttons
I can't get to work. I have a monitor button, a limit button, and
an up and down arrow button.

Does anyone know what these do? Is it possible to program a lo and
high frequency(cies) and have it do a scan between them?

Any information at all is greatly appreciated.
--
.....
Matt Rupert Bodyguards - Personal Liason Taurus Executive Protetion
2984 Pheasant Run Drive apt D Jackson MI 49202 (517) 782-1438 24hrs a day
"This is UNIX...I know this!" Jurassic Park

648. Re: Ski patrol radio frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-26 10:33:12 UTC
From: gws4273@Msu.oscs.montana.edu
Message-ID: <009791BF.36A3E200@Msu.oscs.montana.edu>
Source record: 277521
Cross-posted to: rec.radio.scanner,rec.skiing

```
>villa olivia country club, ski patrol, sports
> [bartlett]__________ 155.1600_____call? (others)
>--
>============================================================================
> Copyright 1994, Bob Parnass, AJ9S
> AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

Finally someone else who has had the mispleasure of skiing at V.O. Thanks Bob,
I was starting to think that everyone who had started at Villa Olivia up and
quit skiing! Then again w/ a 200' vert who can blame them?
--Bill
Montana State University Bill's Vital Stat's
"Mountains and Minds" /\ ::::::::::::::::::::::::::::
/\ / \ William J. Schell IV
/ \ / \ 1019 N. Hedges
/ \ /\ /\/\ /\ gws4273@msu.oscs.montana.edu
/ /\ \ / \/ \ / \ ::::::::::::::::::::::::::::
/\_/ \ \ / \ /_ \ /\ / \ /\
/ \/ \ / \ / \/ \ / \ / \ / \
```

649. Where is the mods FTP again?

Newsgroup: rec.radio.scanner
Date: 1994-01-26 12:17:40 UTC
From: bjparry@netcom.com
Message-ID: <bjparryCK8KtG.HoD@netcom.com>
Source record: 277505

I just lost a few more brain cells and unfortunately they were
the ones that held the location of the scanner mods FTP site.
Could some kind sole please refresh my memory. Thanks.

Specifically looking for Pro-43 mods.

=Beech=

650. Antenna icing

Newsgroup: rec.radio.scanner
Date: 1994-01-26 13:25:44 UTC
From: scott@redstorm.nawc-ad-indy.navy.mil
Message-ID: <9401261325.AA01186@cs.utexas.edu>
Source record: 277498

Is there anything I can do to prevent or minimize ice accumulation on my RS discone antenna. We are under a winter storm watch for tonight with possible heavy ice accumulation, and I am concerned about icing on my antenna. Has anyone ever had any elements of their RS discone antenna break under ice stress? Or am I just being paranoid over nothing?
Thanks for any info.

| Scott Richardson |
| scott@redstorm.nawc-ad-indy.navy.mil |
| 72237.2420@compuserve.com |

651. Re: Yupi

Newsgroup: rec.radio.scanner
Date: 1994-01-26 13:27:02 UTC
From: jdwhite@iastate.edu
Message-ID: <2i5r36$n02@news.iastate.edu>
Source record: 277499

In article <40.533.2433.0NE1647C@channel1.com>,
Joseph Pereira <joseph.pereira@channel1.com> wrote:
>Greetings,
>I've been told that the Yupi handheld scanner is "Tops", nothing comes
>close to it. "Tops" as far as price also! ;) Can someone please tell me
>what's so special about it.......that it would make it worth $600.? How
>does it compare to RS PRO-43?

Here are some specs that someone recently posted:

Manufacturer - Yupiteru Industries Co Ltd.
12-33 Shibaura, 4-Chome,
Minato-Ku, Tokyo 108, Japan

Freq. Coverage - 530KHz - 1650MHZ

Receiving Modes - Wide FM, Narrow FM, AM,
Lower Sideband, Upper Side Band

Tuning Steps - Wide FM: 50KHz & 100KHz
Narrow FM: 1KHz, 5KHz, 6.25KHz, 9KHz, 10KHz
12.5KHz, 20KHz, 25KHz, 50KHz, 100KHz

Sensitivity - 0.53MHz-2MHz AM 10uV (S/N 10dB)
2.0MHz-30MHz AM 10uV (S/N 10dB)
USB/LSB 10uV (S/N 10dB)
FM 1.5uV (SINAD 12dB)
30MHz-1000MHz AM 0.5uV (S/N 10dB)
USB/LSB 0.5uV (S/N 10dB)
FM 0.5uV (SINAD 12dB)
1000MHz-1300MHz FM 1.0uV (SINAD 12dB)

Memory Channels - 1000 (In 10 banks of 100)

Search Banks - 10

Priority Chnls. - 1

Scan Speed - 30 Channels per second (approx)

Search Speed - 30 Increments per second (approx)

Power Req. - 4.8V Internal (4 x AA nicads)
12V DC External (200mA)

Audio Output - 100mW (8 ohm)

Current consumption - 140mA
100mA Standby

10mA Save

Dimensions - 64.4(w) x 155(h) x 38.2(d) mm

Weight - 320g

I ordered mine from:

Javiation Owner - Jonathan Clough
Carlton Works, Carlton Street
BRADFORD
West Yorkshire, BD7 1DA
United Kingdom

Phone 0274 732146 (From U.S. 011 44 274 732146)
Fax 0274 722627 (From U.S. 011 44 274 722627)

CompuServe address: 100117,535.
(Internet: 100117.535@CompuServe.COM or
clough@javiaton.demon.co.uk)

They I ordered mine about 1.5 weeks ago and they were backordered 2 weeks (they were very apologetic too about it too). Cost was $600 US, which included import duty and shipping via FedEx, which they said would take 2 days.

Someone also just recently posted this dealer info as well:

Radio Lorenz
482 St. Catherine O.,
Montreal, Canada H3B 1A7
(514)392-9200

Ask for Helmut or Herbert Lorenz.

--
Jason D. White Durham Center Operations Staff
jdwhite@iastate.edu Repeater Chairman, Cyclone Amateur Radio Club
Iowa State University Packet: n0rwu @ ki0q.#cia.ia.usa.na
Ames, Iowa

652. Re: Where is the mods FTP again?

Newsgroup: rec.radio.scanner
Date: 1994-01-26 13:30:36 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCK8o70.3pF@netcom.com>
Source record: 277504

In article <bjparryCK8KtG.HoD@netcom.com> bjparry@netcom.com (Brian Parry) writes:
>I just lost a few more brain cells and unfortunately they were
>the ones that held the location of the scanner mods FTP site.
>Could some kind sole please refresh my memory. Thanks.
>
>Specifically looking for Pro-43 mods.
>
>=Beech=
>

Of the various sites available, I am the maintainer of the hamradio FTP
area on World, where I have created a mods directory.

The specifics: ftp world.std.com, cd pub/hamradio/mods

The directory structure from this point is divided by manufacturer.

Have fun!

Scott

--
```
================================================================================
| Scott Ehrlich Internet: wy1z@neu.edu BITNET: wy1z@NUHUB |
| Amateur Radio: wy1z AX.25: wy1z@k1ugm.ma.usa.na |
|--------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - world.std.com pub/hamradio |
================================================================================
```

653. Re: MA State Police 800 MHz system

Newsgroup: rec.radio.scanner
Date: 1994-01-26 13:35:27 UTC
From: b_cobb@hannah.enet.dec.com
Message-ID: <2i5riv$c1d@sousa.ako.dec.com>
Source record: 277501

You image problems cannot be fixed, at least easily. I have the same problem with a PRO-37. There is nothing you can do about it, it is problem with the radio's design.

As far as CTCSS, this would work if the MA State was using it, but they are not using it on the troop channels. The metro 28 channel trunk system, which includes the old metro troop and some of troop A (A, A5) use no tone on their frequencies. It is trunked and is not required for their use. Some of the conventional 800 state channels use tones:

A1 - Andover, A7 - Pebody 858.2375, use a Digital 051 (DPL) tone
C - Holden, C7 - Clinton 853.8375, use a CTCSS tone of 146.2
Statewide 866.0125, use a CTCSS tone of 156.7

There are more to add to the above, but I cannot think of them at this point in time.

--
Name: Bill Cobb
E-Mail: cobb@hannah.enet.dec.com
Phone: 508.635.8458
Address: MS DSG1-2/E6
Digital Equipment Corporation
Forest Street
Marlboro, MA

654. Re: Cellphone-->>Scanner??

Newsgroup: rec.radio.scanner
Date: 1994-01-26 14:00:35 UTC
From: mick_costa@iegate.mitre.org
Message-ID: <2i5t23$ac5@linus.mitre.org>
Source record: 277509

>Many moons ago, we saw a posting by a man who performed that procedure
>in front of some Congressional committee in Washington, D.C. He explained
>(in soft focus) what he did and stated that he will not give out the
>details of the procedure to those who asked. It was, I believe, to argue
>against the son of the ECPA by showing that cellular phones were indeed the
>types of devices the son of the ECPA forbids the manufacture of, or that
>it is very easy in general to monitor such conversations.

>Over time, we have seen many postings by people who explain the procedure
>for specific models, but I don't think the issue was ever settled as to
>whether the cellular carrier knows the unit is "off the hook" and, thus,
charges for air time while you are listening to conversations.

>I guess if you never register the phone, you might be able to get something
>going, but dealers often put in fine print under the $47 cell phone "add
>$300 to price without phone activation".

An interesting twist to this is a situation that happened to me last
month. We purchased a cellular phone from NYNEX. When I tried it out,
I got a message saying that the phone number of my phone was not yet
activated. The person who programmed the phone number into the phone
apparently mixed up the number, so it was different than what was
registered. Upon calling the NYNEX dealer, I was given a procedure for
changing the phone number to the right one! Therefore, if I follow the
information above, I could potentially convert the phone to a scanner
and then change the phone number so the phone company can't tell it's
my phone that's off the hook (if they can do such a thing).

For those of you interested in how to modify the phone number, please
do not contact me. Once I made the change, I threw out the directions
and couldn't possibly remember them (except for punching in lots of 0's
(zeros)). You could call your local NYNEX dealer... Also, I would
guess that each phone has a different procedure.

Mick Costa
The MITRE Corp

655. Re: Where is the mods FTP again?

Newsgroup: rec.radio.scanner
Date: 1994-01-26 14:59:19 UTC
From: gesman@vnet.ibm.com
Message-ID: <CK8sAv.xMx@hawnews.watson.ibm.com>
Source record: 277508

In <bjparryCK8KtG.HoD@netcom.com>, bjparry@netcom.com (Brian Parry) writes:
>I just lost a few more brain cells and unfortunately they were
>the ones that held the location of the scanner mods FTP site.
>Could some kind sole please refresh my memory. Thanks.
>
>Specifically looking for Pro-43 mods.
>
>=Beech=
>

garfield.catt.ncsu.edu ...Oops! don't remember directory name!
something, like /pub/scanner ... or /pub/hamradio ...
Anyway, this is the site!

--
G.Esman

656. Re: Ski patrol radio frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-26 15:02:10 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CK8sFu.GvA@cbnewse.cb.att.com>
Source record: 277506
Cross-posted to: rec.radio.scanner,rec.skiing

Paulo Santos asked about ski patrol frequencies in Colorado,
which reminded me of these ski freqs in Illinois:

durango ski corp, sports
[usa-wide]_____ 464.5500_itn_kb72142 (govt rcds)
mission ridge ski trail
[location?]_____ 457.5500_low_kv5795 (govt rcds)
national ski patrol, sports
[illinois]_____ 151.6850_____kb76908 (govt rcds)
northshore ski school, sports
[usa-wide]_____ 464.5500_itn_kb24786 (govt rcds)
united states ski team, sports
[usa-wide]_____ 151.9250_____kb39795 (govt rcds)
" " 151.9550_____kb39795 (govt rcds)
villa olivia country club, ski patrol, sports
[bartlett]_____ 155.1600_____call? (others)
--
==========

Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

657. This Week on Spectrum 01/29/94

Newsgroup: rec.radio.scanner
Date: 1994-01-26 15:39:22 UTC
From: spectrum@starcomm.overleaf.com
Message-ID: <2i62ra$rdf@starcomm.overleaf.com>
Source record: 277453
Cross-posted to: rec.radio.shortwave,rec.video.satellite,rec.radio.scanner,alt.radio.scanner,alt.radio.pirate,rec.radio.cb

If you like the As It Happens program on the CBC you'll want to
listen to Spectrum this Saturday, This week our guest for the live
segment will be Michael Enright of As It Happens. If you have any
questions about one of the most popular programs on international
radio this is your opportunity to have them answered. News and
info nuts, this is your night.

Spectrum airs on WWCR at 0300 UTC Sunday on a frequency of 5.810 MHz.
If you have access to a tvro satellite system you can hear the show
on the Omega Radio Network. Omega is found on Galaxy III
transponder 17 5.8 MHz Wide Band Audio.
--
Spectrum, "The Communications Magazine You Read With Your Ears."
WWCR, Nashville, TN, USA, 5810 KHz.
Omega Radio Network, Galaxy III, Ch 17, 5.8 MHz., Wide Band Audio
03:00 UTC Sunday, 22:00 EST Saturday.
Box 722, Holmdel, NJ, 07733-0722, USA
spectrum@overleaf.com, askspectrum@attmail.com, spectrumshow@genie.geis.com
+1 800-787-SPECTRUM, +1 908-671-4209

658. Re: Are newsfeeds out there?

Newsgroup: rec.radio.scanner
Date: 1994-01-26 15:48:38 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <CK8uLD.Mr0@cbnewsc.cb.att.com>
Source record: 277513
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

```
|1. Are the newsfeeds (AP, UPI, etc) out there and available in this form?

Occasionally, some military Frequency Division Multiplex (FDM) pop up
on HF where one of the channels (85 hz shift) carries a news feed.
Every once in a while 6.993 Mhz has one of these FDM signals.

|2. Is an old Hallicrafters (an s-38b) sufficient to the task, and if so, what
| sort of hardware should be connected between its headphone socket and the
| input on my machine, and should the BFO be on or off and what useful info
| is there on how to tune it?

Forget it; the S-38b is a string-and-pulley affair tuned receiver. This
means that you won't have the stability to receive an RTTY signal for
long. You will quickly drift off the RTTY demodulator's filter bandwidth
(unless of course you are just using a PLL without audio filtering to
get the mark and space.)
```

659. Re: Ski patrol radio frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-26 16:17:21 UTC
From: bobw@col.hp.com
Message-ID: <2i652h$ro8@hp-col.col.hp.com>
Source record: 277518

Bob Parnass, AJ9S (parnass@cbnewse.cb.att.com) wrote:

: Paulo Santos asked about ski patrol frequencies in Colorado,
: which reminded me of these ski freqs in Illinois:

: villa olivia country club, ski patrol, sports
: [bartlett]__________ 155.1600_____call? (others)

According to my Police Call book, this freq is licensed to
a large number of Ski Patrol and Search & Rescue groups in
Colorado. However, I have not been up in the high country
since I found this freq to confirm it.

Bob Witte / HP PMO (Colo Springs) / bobw@col.hp.com / KB0CY / (719) 590-3230

660. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-01-26 16:26:14 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.57.000A703C@CCCS.UMN.EDU>
Source record: 277507

In article <ross-250194221550@earl.llnl.gov> ross@novax.llnl.gov (Gary Ross) writes:
>From: ross@novax.llnl.gov (Gary Ross)
>Subject: Re: Pro 43 on Sales
>Date: 26 Jan 1994 06:20:27 GMT

>In article <lloranceCK7Fxu.5tx@netcom.com>, llorance@netcom.com (Larry
>Lorance) wrote:
>>
>> I understand the Pro-43 will go on sale for $299 sometime this week.
>> --
>> llorance@netcom.com

>You can get a PRO-43 delivered for that price any day by mailorder from
>Marymac (800-231-3680) or U.S. Radio (800-433-7283). If RS does put it on
>sale, the Texas mailorder folks will lower their price even more. Last time
>the PRO-43 was on sale, US Radio sold them for $269 delivered. Grove also
>sells them.

There was a note on CI$ last night to the effect that MaryMac would
be dropping their price to $259 delivered.

--rick

+---+
| Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
| Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |
| Cancer Screening Trial voice: (612) 627-4151 |
| University of Minnesota fax: (612) 627-4158 |
| 212 Ontario St SE, Suite 202 |
| Minneapolis, MN 55414 |
+---+

661. NC mil aviation

Newsgroup: rec.radio.scanner
Date: 1994-01-26 16:50:08 UTC
From: jeplyler@uncc.edu
Message-ID: <CK8xFL.AAE@unccsun.uncc.edu>
Source record: 277511

Is there anyone in or around North Carolina that monitors military
aircraft activity? I need someone to compare freqs, notes and ideas with.
I know there is activity around and know some of the freqs, but would like
to get more ideas.
Thanks,
Jon

662. Codes and Scrambling

Newsgroup: rec.radio.scanner
Date: 1994-01-26 16:52:08 UTC
From: rflood@cis.umassd.edu
Message-ID: <CK8xIw.Kr2@umassd.edu>
Source record: 277510

I just got my scanner so I am new at all this. Someone mention touch tones and decoders a few posts ago. I was wonndering if anyone could explain why touch tones and decoders are used? Why would you want to get the information contained in the tones?

I am also curious about scrambling, someone also mentioned there are ways to unscramble freq's. How do they scramble the signals? How do you unscarmble the signals?

I'm sure there are other new people in this group who like to know more about this. Sorry if this is in the FAQ, last time I checked it wasn't.

-Rich

--

==========
/---\ Richard M. Flood
| O O | rflood@cis.umassd.edu
------oOO--U--OOo------ rflood@umassd.edu
Always Expose, Explain,and Explore, ==========
that which is forbidden!

663. Pro 43 Technical Info/Question

Newsgroup: rec.radio.scanner
Date: 1994-01-26 16:53:59 UTC
From: chris@tali.hsc.colorado.edu
Message-ID: <2i6777INN5ji@tali.hsc.colorado.edu>
Source record: 277517

I was wondering if anyone was getting some sever intermod in the MED
1-10 base channels, and if you are, is your 43 modified or stock.
I seem to be getting some really nasty inter-mod (mostly pagers) in
the standard MED channel (462-463 Mhz area) and was wondering if this was
related to the modifications as normally recognized.
Would the metal shield that protects the bottom board affect this type
of interference. I put it back, but I am wondering if I might have left a
millimeter or 2 of space that would not be there on a stock model.

--
Chris Yoder is chris@tali.hsc.colorado or chris-urgent@tali.hsc.colorado.edu
==
Are we living in a land where sex and horror are the new gods?

664. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-01-26 16:56:28 UTC
From: nick+@pitt.edu
Message-ID: <nick+.1109991028C@usenet.pitt.edu>
Source record: 277514

In Article <2i4etj$sbs@crl2.crl.com>, vhealey@crl.com (Victor Healey) wrote:

>Is the Pro 43 any good? Yeah i know it is radio shacks top hand held but
>I see many apparently do not like dieplay battery life and unreliable
>speaker .
>
>I picked up a Pro 46 and for $180 it gives a bigger bang for the buck
>then I thought it would.
...
>Comments... I take the 46 back in a heartbeat if you can tell me why the
>43 is worth $120 more cash outlay.
...
>PS I do know what triple conversion is but is it worth $120?

I'm shopping for a scanner too, and was looking at the Pro 43
and 46 - but I just found out about the BC 200XLT deal.

Pro 46 Pro 43 BC 200 XLT
100 channels 200 channels 200 channels
1 priority ? priority 10 priority
800 MHz 800 MHz 800 MHz

$170 $350 ($299) $160

All of 'em have limit search, up and down, and are modifiable
for cellular. Any one know of any reason to prefer the
Pro series at all over the BC 200 XLT (discounting triple
conversion)?

-- Nick

_/ _/ _/ _/_/_/ _/ _/ Sea Shells to C shells, Waikiki to
_/_/ _/ _/ _/ _/ _/_/_/ the Internet, a wave, is a wave...
_/ _/_/ _/ _/ _/ _/
_/ _/ _/ _/_/_/ _/ _/ CompSrv: 71232,766 I-Net: Nick+@pitt.edu

665. Prince Charles

Newsgroup: rec.radio.scanner
Date: 1994-01-26 19:52:33 UTC
From: jackson@cs.nyu.edu
Message-ID: <2i6hm1$ps1@longlast.cs.nyu.edu>
Source record: 277512

Talk about wierd.. I recall someone asked a couple days ago for freqs to listen to while Prince Charles was in Australia. Most of the time, I just skip over those articles.. I don't have anything interesting to give them, and you so rarely hear about anything happening during such visits.

This afternoon, Headline News is reporting that a "gunman" in the crowd rushed the stage firing what turned out to be a starter's pistol at the Prince.

Were any of our readers around to pick up the action?

as New Jersey shuts down from this, the latest snow..

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

666. Re: Icom tuning dial problems

Newsgroup: rec.radio.scanner
Date: 1994-01-26 19:53:35 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <CK95xF.5Bs@cbnewsc.cb.att.com>
Source record: 277520
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

In <1994Jan24.133529.29923@tellab5.tellabs.com> jwa@tellabs.com (John W. Albert)

|I purchased an Icom 745 about two weeks ago.
|After connecting it to my Kenwood PS-50 power
|supply (they are compatable), I noticed, that
|the VFO dial only tuned the radio about 100 Hz
|per 5 revolutions when the TS button was in.

|My Icom R71 moved about 10 kHz per revolution.
|I came to the conclusion that there was something
|wrong with the rotary sensor unit.

|Icom radios use a rotary sensor to detect the rotation
|of the tuning knob. The sensor is a phonolic board that
|has switch contacts plated on the surface. It also has
|a rotor with a metal wiper.

|The wiper is made up of very fine wires that are smaller than
|human hairs. The rotor moves along three plated switch tracks
|on a phonolic board. One track is a common ring that connects
|to the center solder tab on the board. The inner and outer
|tracks have alternating squares and connect to the outer pins.
|When the wiper moves along the tracks it makes and brakes
|the connection between the inner and outer rings. The middle
|ring connects to the + 5 volt supply.

|I called Icom and the replacement cost $50.00!! I decided it
|would be cheaper to repair the part. Also, in order to change
|it, the front panel will have to be removed.

|I tried contact cleaner and WD-40 but it didn't work. The part
|is simply worn out. After connecting a scope to the outer contacts
|I noticed that there was a considerable amount of contact bounce.

|The outer pins of the rotary dial is connected to the micro-
|processor and the inner pin connects to +5 volts. The contact
|bounce is probably confusing the uP. I connected a .001
|capacitor to each outer lead and the other end of each capacitor
|to the inner lead. The bounce was cleaned up and tuning knob
|works fine!

|I saved my self $50.00 and the aggravation of removing the
|radio's front panel. I'm shure, sooner or later, it will
|ware out completely but I did buy some time.

Wow, I thought the digital shaft encoders used some sort of optical LED/ shadow wheel combination. This leads to all sorts of interesting questions:

A) Do all ICOMs use this sort of technology? Will the R70 and R7000/R7100 sets all eventually fail due to the shaft encoder _WEARING_OUT_?

B) Does the JRC NRD-515/525/535 use exactly the same non-optical technology in their shaft encoders?

C) Since people tend to keep their superduper SW/VHF/UHF receivers for a long time, are replacement shaft encoders utilising this low-tech encoding a common item come replacement time? Do they come in relatively standard sizes?

D) Do optical technology shaft encoders have an output that would be directly compatible with this direct low-tech encoder?

E) What receivers _DO_ use an optical shaft encoder?

667. re:Police Freq's for Seattle Wanted

Newsgroup: rec.radio.scanner
Date: 1994-01-26 21:19:11 UTC
From: frankd@icebox.iceonline.com
Message-ID: <CK99rJ.A2E@iceonline.com>
Source record: 277515

rz
T&Q5DT2987655

668. reply to police freq for Seattle Wanted

Newsgroup: rec.radio.scanner
Date: 1994-01-26 21:24:20 UTC
From: frankd@icebox.iceonline.com
Message-ID: <CK9A04.Aq6@iceonline.com>
Source record: 277519

```
the following are police freq for Seattle
460.375 car to car
460.425 info
460.475 south
460.250 tactical
460.075 north
460.125 east
460.175 west

Frank Dawson
Richmond B.C.
```

669. Realistic PRO-2004 Cellular Conversion Instructions

Newsgroup: rec.radio.scanner
Date: 1994-01-26 21:33:44 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <CK9AKB.7n4@cbnewsc.cb.att.com>
Source record: 277516
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Restoring Cellular Coverage on your PRO-2004

CAVEAT: While it is legal to own any scanner which covers the cellular band, it is no longer legal to eavesdrop on any type of mobile telephone conversation.

Early production models of the Realistic PRO-2004 had a diode added beneath circuit board PC-3 to disable cellular telephone coverage; it was the only component on the bottom of the board and easy to locate. Present production runs now place the diode on top of the board.

THE FIX

Remove the four rear apron screws and withdraw the radio from its cabinet; turn the radio over with the keyboard facing you.

Locate the shielded compartment on PC-3; gently press in the sides of the compartment and pry off the cover.

Note the straight row of components on the left side of the compartment; the last diode, D513, must be disconnected to restore cellular frequency coverage.

With a pair of wire cutters, carefully cut either lead of D513, then pull the diode slightly away. While the diode may be removed completely, leaving it partially in place will enable you to resoldier it at some future date if desirable (such as in case of warrenty repair.)

IMPROVING THE SQUELCH

The "rubbery" action of the squelch control -- hysteresis -- may be tightened up considerably by a simple procedure while the radio is still out of the cabinet.

Remove the lid from the shielded compartment on the larger circuit board and locate resistor R148 (47,000 ohms -- yellow, violet, orange) between pins 12 and 14 of IC2 (marked TK10420 3357).

Replace this resistor with a 220,000 ohm unit -- or even omit it entirely[*] -- for improved squelch performance.

NOTE: GROVE ENTERPRISES ASSUMES NO RESPONSIBILITY FOR DAMAGES CAUSED OR WARRENTIES VOIDED BY THE PROCEDURES DESCRIBED ABOVE.

---

[*] -- I don't recommend that the resistor be removed entirely because the squelch then intermittantly cuts out signals with rapidly varying signal strength i.e. mobile units traveling around buildings which block the RF signal to varying degrees. You can soldier another resistor in series with the 47K resistor to achieve the 220K or whatever new resistance value required. You could even soldier a small pot or rheostat in place to experiment.

670. Re: want to build reciever for 108-137Mhz

Newsgroup: rec.radio.scanner
Date: 1994-01-26 22:51:31 UTC
From: dlkerl@cmack.b11.ingr.com
Message-ID: <2i6s5j$987@b11.b11.ingr.com>
Source record: 277522
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.scanner

Ramsey sells a kit for an aviation-band receiver. It's in the 25-30 dollar range.

Model AR-1
Ramsey Electronics
793 Canning Parkway
Victor, NY 14564
(716) 924-4560

The tuning is touchy - you might try a 10-turn pot to make it more manageable. It only covers 118-135 Mhz - you could tune the LO to cover a different range.
Dan Kerl
dlkerl@cmack.b11.ingr.com

I am not affiliated with Ramsey.

671. Scanner mods in Chicago

Newsgroup: rec.radio.scanner
Date: 1994-01-26 23:00:42 UTC
From: hmarq@interaccess.com
Message-ID: <2i6smq$clf@mailhost.interaccess.com>
Source record: 277523

Is anyone aware of a place in the Chicago area that will do mods on scanners?

I really would like a professional ... not "My name is Joe, sure I can do that for you ... that'll be $4.53, you want fries or a hot apple pie with that?".

Thanks in advance.

Hank

672. Pro-43, Problem locking out CH 100

Newsgroup: rec.radio.scanner
Date: 1994-01-26 23:32:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <759634307.AA07370@rochgte.fidonet.org>
Source record: 277449

> From: clinehe@cherokee3.rtsg.mot.com (Harry E. Cline)
> Organization: Motorola - Cellular Infrastructure Group; Arlington
> Heights, IL

> I picked up the Pro-43 last week and discovered I can't lockout
> channel 100. Every other channel works fine. Anybody else had this
> problem?

I just tried it on mine and it worked. Programmable scanners won't allow
you to lock out all of the channels. The last one left stays unlocked. Some
even refuse to allow lockout of all channels in a block.

673. Re: Ski patrol radio frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-27 00:59:17 UTC
From: clinehe@cherokee3.rtsg.mot.com
Message-ID: <2i73l5$1f1@delphinium.cig.mot.com>
Source record: 277380
Cross-posted to: rec.radio.scanner,rec.skiing

How about for Lake Taho areas?

674. Re: WWCR 5.810MHZ 8pm 12pm Eastern(CHECK IT OUT!!)

Newsgroup: rec.radio.scanner
Date: 1994-01-27 01:06:59 UTC
From: clinehe@cherokee3.rtsg.mot.com
Message-ID: <2i743j$1f1@delphinium.cig.mot.com>
Source record: 277460
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.scanner

In article <5KJHjGG8ynrC053yn@dorsai.dorsai.org>, bigsteve@dorsai.dorsai.org (Steve Coletti) writes:
|> |> The show is anything but religion, you see WWCR also means World Wide
|> Conspiricy Radio. Anyone want to take a vote on starting an
|> alt.radio.conspiricy newsgroup for WWCR listeners? C'mon all you Tom
|> Valentine and Pastor Pete fans, this is for you.

Don`t forget the Hour of the Time with William Cooper!
They are usually entertaining and address subjects you won't here elsewhere.
How about alt.new_world_order?

675. survey

Newsgroup: rec.radio.scanner
Date: 1994-01-27 01:19:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <759634307.AA07371@rochgte.fidonet.org>
Source record: 277445

I wish to conduct a survey of available scanner notification services.
If you are connected with such a service, please complete this form
and reply via Netmail to me at 1:2613/333.2, or via Internet Email to
David.Stark@rochgte.fidonet.org.

The information gathered will be incorporated into an informational
textfile that will be made available to whoever wants it. If any of
the information requested in the survey is not for publication, please
make a note of it on your form. I would still appreciate having any
such info included for my files.

======= cut here ==

Name of Service:
Area Covered :
Incident Types :

Two-way or page:
Frequency/Tone :

Contact Name :
Contact Address:
Contact Phone :

Typical Charges:

Who provides the users' radios?:
To whom is the service offered?:

======= cut here ==

Thanks in advance for your assistance. Please DO NOT post replies to
the survey in SCANRADIO or rec.radio.scanner.

==
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==

676. Radio Interference

Newsgroup: rec.radio.scanner
Date: 1994-01-27 02:04:41 UTC
From: kmorrill@brahms.udel.edu
Message-ID: <CK9n3u.AK1@news.udel.edu>
Source record: 277440

My Sony 2010 and Realistic Pro-2006 sit on the same table as my Gateway 2000 486 DX2-66V and near my HP LaserJet 4. What steps should I take to reduce or eliminate interference? 800 Mhz and above is not affected, while 30 to 50 Mhz on the scanner is very much. I have not yet implemented external antennae. Please advise me concerning shielded cabling and type & location of antennae, as well as other factors, including power supply. Please send e-mail and I will summarize responses. Thank you. Sincerely, Ken Morrill.
kmorrill@strauss.udel.edu
--
Kenneth J. Morrill <kmorrill@brahms.udel.edu>

677. Re: 8ch/sec -> 100ch/sec

Newsgroup: rec.radio.scanner
Date: 1994-01-27 02:22:33 UTC
From: mike@node_21033
Message-ID: <CK9nxL.H0F@csc.ti.com>
Source record: 277427

Hello all,
I like the idea of a faster scan rate but is there another problem?
Isn't there a phase lock loop (PLL) inside that needs a certain amount of time
to settle out at the desired frequency? If one speeds up the the
processor, enabling it to execute its internal instructions faster,
thats great.

I am under the impression that the PLL looks to its own (analog) filter
for this settling time constant. If the processor "is asking" the PLL for
new frequencies faster that the PLL can settle (and thus produce them)
the scanner just sits there and scans (never stopping, or in a better
case, it will stop if the two programmed frequencies are very close and
the PLL does not have to make much of a transition).

Is this correct or is the frequency synthesisor different from the
bare bones description above?
--
****
* Misspelled text? No way, can't be, IMPOSSIBLE. *
* This modem is error correcting! *
****
* Michael H. Haight * mike@sh-gpl.ti.com *
****

678. Re: TV channel spacing

Newsgroup: rec.radio.scanner
Date: 1994-01-27 02:45:17 UTC
From: kronz@periphae.ecn.purdue.edu
Message-ID: <CK9ozI.2oJ@noose.ecn.purdue.edu>
Source record: 277425

Ill try to answer this one...

Im Not 100 percent sure this is totally correct but should be in the ball park

The reason channels are spaced apart is not so much that they
will co-channel interfer but rather that they don't interfer with
with the same channel in a nearby state (area).

Remember on good nights T.v. signals can really go the distance.

About whether or not you are recieving video. Well the answer is yes/no

it depends on how you look at it yes that is the video signal /no
you cannot hook up the audio out of your scanner to the video in
of a monitor and expect to see the video..

The bandwidth of a T.V. channel is 6Mhz by the way if your interested
in how that 6Mhz is organized I can post something a little more
in depth...

hope this made some sort of sense...

--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }

679. Re: pro 2021 mods

Newsgroup: rec.radio.scanner
Date: 1994-01-27 03:28:32 UTC
From: jerry.smith@radiohobby.chigate.com
Message-ID: <abe_9401271847@chigate.fidonet.org>
Source record: 277438

t> From: tmurrin@fox.nstn.ns.ca (Sydney Academy)
t> Date: 23 Jan 1994 13:10:05 -0400

t> Does anyone know where I can get specs for modification to a Realistic
t> PRO2021 so that it can get shortwave frequencies and/or frequencies in
t> the 800 MHz range?

Sorry, John...While you could modify the 2021 to display 800 Mhz freqs,
the circuitry isn't there to receive 800 Mhz frequencies.

Jerry...Chicago

... Rush Limbaugh...'See, I told you so'
* Evaluation copy of Silver Xpress. Day # 8

680. Re: Pro-43, Problem locking out CH 100

Newsgroup: rec.radio.scanner
Date: 1994-01-27 03:32:48 UTC
From: jerry.smith@radiohobby.chigate.com
Message-ID: <abf_9401271847@chigate.fidonet.org>
Source record: 277446

c> From: clinehe@cherokee3.rtsg.mot.com (Harry E. Cline)
c> Date: 24 Jan 1994 16:01:53 GMT

c> I picked up the Pro-43 last week and discovered I can't lockout channel
c> 100. Every other channel works fine. Anybody else had this problem?

c> Harry

Hi, Harry...
Channel 100 will not lock out if channels 81-99 are locked out or have
no enteries. Is this the case?

Jerry...Chicago

... Uh, we're like, uh, closed or something
* Evaluation copy of Silver Xpress. Day # 8

681. Re: Cellphone-->>Scanner??

Newsgroup: rec.radio.scanner
Date: 1994-01-27 03:40:02 UTC
From: jerry.smith@radiohobby.chigate.com
Message-ID: <ac0_9401271847@chigate.fidonet.org>
Source record: 277448

c> From: camter28@astro.ocis.temple.edu (-=FOOBARF=-)
c> Date: Tue, 25 Jan 1994 16:22:57 GMT

c> Weird, I saw an article, I think in monitoring times, although I
c> can't be sure. But anyway the article stated that someone was
c> giving a speech on the security of cellular phones or something,,
c> (being real specific here) but anyway, the point is that this guy
c> punched a couple of buttons on a hand held phone and it suddenly
c> became a cellular phone scanner!

c> 1) Is there any truth to this,

c> 2) How realistic is it to preform this?
c>
c> 3) Any comments / Info about this new Free cellular phone scanner
c> possibility??

1. Yes, it is true. I believe it was an address to a subcommittee of
Congress, but can't be sure. It was in MT.

2. You can do it, but it would require knowing the password of the
phone. By typing in the correct numbers in sequence, you can 'unlock' the
phone to scan any frequency that is desirable.

3. Unless you can get a service manual of the phone, (highly unlikely
now that some of the manufacters know that we know) you won't be able to
unlock the phone. There was (or still is) a book that was talked about on
CompuServe that had the key to several manufacters of cell phones. Maybe
someone can shed some light on the title as I don't seem to recall the
name.

Jerry...Chicago

... wwwhhhoo...wwwhhhooo...Is this thing on?
* Evaluation copy of Silver Xpress. Day # 8

682. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-01-27 03:45:10 UTC
From: jerry.smith@radiohobby.chigate.com
Message-ID: <ac1_9401271847@chigate.fidonet.org>
Source record: 277447

v> From: vhealey@crl.com (Victor Healey)
v> Date: 25 Jan 1994 16:53:07 -0800

v> Is the Pro 43 any good? Yeah i know it is radio shacks top hand held but
v> I see many apparently do not like dieplay battery life and unreliable
v> speaker .

v> PS I do know what triple conversion is but is it worth $120?

Hi, Victor...
I have seen only a couple of complaints about the speaker problem. I
don't think it is widespread, though.

Battery life is about average with every other scanner. The good thing
about this one is that you can have ni-cads or standard AA batteries,
something that Uniden doesn't offer. (Stuck w/ battery packs)

I believe the $120 is worth it. If you hate getting cellular images in
the middle of your sheriff or police frequency, then the '43 is the one to
get.

Jerry...Chicago

... This is a test of the Silver Xpress system...
* Evaluation copy of Silver Xpress. Day # 8

683. Re: Recorder Recommendations ????

Newsgroup: rec.radio.scanner
Date: 1994-01-27 04:16:52 UTC
From: gesman@ionews.io.org
Message-ID: <2i7f7k$6tm@ionews.io.org>
Source record: 277434
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <CJxstH.MAo@umassd.edu>,
Richard M. Flood <rflood@cis.umassd.edu> wrote:
>Does anyone have any recommendations for a voice activated recorder.

I planning to purchase Sony model with time stamp. I was told, that
it records time in a digital format on tape, so that one will see the time
recording was started. I saw this recorder in a local store.
It small, looks nice and not much expensive. I do not remember exact model
number, but I found only one from Sony, that actually voice activated with
time stamp.

--
G.Esman.

684. scanner info ...

Newsgroup: rec.radio.scanner
Date: 1994-01-27 05:07:46 UTC
From: rgray@afit.af.mil
Message-ID: <1994Jan27.050746.18534@afit.af.mil>
Source record: 277432
Cross-posted to: rec.radio.scanner,alt.radio.scanner

1. I have just purchased a PRO43 scanner, and would appreciate any advice with regards to the scanner (operating procedures not published in the manual, etc.) and any good frequencies for the following cities I travel to/from:

a. Dayton OH (Beavercreek OH, Wright-Patterson AFB, OH)
b. Erie, PA
c. South Bend, IN (Notre Dame, IN)

Note: I purchased a Radio Shack Police Call Guide, but it seems to contain only "canned" frequencies which may not be as important (or up to date) as other known frequencies in these cities.

2. I am thinking about subscribing to Grove's Monitoring Times. Any comments?

3. I am aware of the PRO43 800MHZ mod. As far as anyone knows, does this mod work for all PRO43s manufactured thus far? Also, for those
who are familiar with this mod, if someone were to ask, "What was the most difficult step in completing the mod", what would you say? (I'm looking for "lessons-learned").

4. Has anyone been able to figure out how to restore 108-118MHz for the pilots? I don't believe anyone has been able to restore these frequencies. Why they designed their top of the line hand-held not to receive frequencies that are available on their low-end units, I really don't know.

5. Please send email if you can help on any of the above items.

Thanks-you.

Robert Gray
rgray@afit.af.mil

Disclaimer: My own viewpoints are listed above, not my employers.

685. Re: Bought your Yupiteru MVT7100 in Japan?

Newsgroup: rec.radio.scanner
Date: 1994-01-27 05:27:25 UTC
From: crisp@netcom.com
Message-ID: <crispCK9wHp.91I@netcom.com>
Source record: 277435
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <2hk6uc$akt@panix2.panix.com> schuster@panix.com (Michael Schuster) writes:
>In article <maxCJw2oq.Cv6@netcom.com>,
>Michael Max Stoaks <max@netcom.com> wrote:
>>Hi,
>>I was wondering if anybody
>>bought their Yupiteru MVT7100 in Japan.
>
>The model sold in Japan has numerous frequency ranges excluded.
>You have to modify the radio for full coverage. Just be aware.

And it is a trivial mod. A single surface mount component is removed

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

"one useless man is a lawyer, two lawyers are the first family, and three?
The beginning of the Cabinet" -R. Crisp (apologies to John Adams)

686. Re: Bought your Yupiteru MVT7100 in Japan?

Newsgroup: rec.radio.scanner
Date: 1994-01-27 05:28:38 UTC
From: crisp@netcom.com
Message-ID: <crispCK9wJq.96L@netcom.com>
Source record: 277433
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <CJxw63.pFr@hawnews.watson.ibm.com> gesman@vnet.ibm.com writes:
>In <maxCJw2oq.Cv6@netcom.com>, max@netcom.com (Michael Max Stoaks) writes:
>>Hi,
>>I was wondering if anybody
>>bought their Yupiteru MVT7100 in Japan. If so, I'd like to know:
>>1. Where you bought it
>>2. Price
>>3. Did it come with a warranty
>>Any info would be much appreciated !
>>Thanx,
>>Michael
>
>I didn't bought it in Japan (or anywhere else either yet! :)) but I would suspect, that
>it will have cell. frequencies eliminated for Japan market. Consider that.
>

It is a trivial mod. A single surface mount component is removed.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

"one useless man is a lawyer, two lawyers are the first family, and three?
The beginning of the Cabinet" -R. Crisp (apologies to John Adams)

687. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-01-27 06:38:24 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Jan27.013824.1@uoft02.utoledo.edu>
Source record: 277428

In article <nick+.1109991028C@usenet.pitt.edu>, nick+@pitt.edu (Nick) writes:
> In Article <2i4etj$sbs@crl2.crl.com>, vhealey@crl.com (Victor Healey) wrote:
>
Lots of stuff deleted....

> I'm shopping for a scanner too, and was looking at the Pro 43
> and 46 - but I just found out about the BC 200XLT deal.
>
> Pro 46 Pro 43 BC 200 XLT
> 100 channels 200 channels 200 channels
> 1 priority ? priority 10 priority
> 800 MHz 800 MHz 800 MHz
>
> $170 $350 ($299) $160
>
> All of 'em have limit search, up and down, and are modifiable
> for cellular. Any one know of any reason to prefer the
> Pro series at all over the BC 200 XLT (discounting triple
> conversion)?
>
> -- Nick
> Well,the 43 blows the 46(uniden)and of course the 200/205bearcats away
on 800!First it is much more sensitive than the others.It searches the
"forbidden band"in 30 khz(the 46 does too but gets a lot of uhf tv images)
the 200 does 800 in 12.5 khz steps,so you will get badly dis
>
>
>--
Barry Felstein N8PVX using t acct of:
Brad Steinmaniy of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

688. Re: AT&T 900MHz phones

Newsgroup: rec.radio.scanner
Date: 1994-01-27 07:07:08 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jan27.070708.11412@hpcvaac.cv.hp.com>
Source record: 277429

heinle@cmf.nrl.navy.mil (Glenn Heinle) writes:
:
: I just saw an add for the AT&T 900 MHz digital cordless phone. The add
: says things like, "Fully digital transmission", and "Digitally scrambled
: voice commuinications between handset and base."
:
: Has anyone seen these? Do you know what they are doing to the
: transmission?

I have not seen one. However, the buzz words sound like it is simply a
digital transmission between handset and base. No scrambling or spread
spectrum.

Bill

689. Re: MA State Police 800 MHz system

Newsgroup: rec.radio.scanner
Date: 1994-01-27 07:13:19 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jan27.071319.11479@hpcvaac.cv.hp.com>
Source record: 277431

b_cobb@hannah.enet.dec.com () writes:
:
: You image problems cannot be fixed, at least easily. I have the same problem
: with a PRO-37. There is nothing you can do about it, it is problem with the
: radio's design.

Well, you could put a sharp cutoff low pass filter in the antenna circuit. It would help quite a bit.

Other people have mentioned other possibilities.

Bill

690. Re: TV channel spacing

Newsgroup: rec.radio.scanner
Date: 1994-01-27 07:15:19 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jan27.071519.11551@hpcvaac.cv.hp.com>
Source record: 277430

johnlt@hub.parallan.com (John Lautmann) writes:
: Why is it that TV channels are usually not just assigned sequentially ie.
: 2,3,4,5,6,7 but instead in most areas the TV channels skip around some so
: that they are pretty evenly spaced out. Is it so that the sequential
: channels don't interfere with each other? Also it seems like certain
: channels are more popular - 2,4,5,7,9,11,13. When the a scanner stops on
: something that sounds like noise is it ever getting the video signal from
: a TV channel and converting it to audio? What frequencies would the
: video signal from tv be sent on, would it be right next to the audio
: signal?

The video signal is most of the 5-6 MHz band segment. The audio is at the
upper end of the segment.

Bill

691. PRO-43 QUESTIONS (was scanner info ...)

Newsgroup: rec.radio.scanner
Date: 1994-01-27 13:53:18 UTC
From: lriggins@afit.af.mil
Message-ID: <lriggins.759678798@afit.af.mil>
Source record: 277437
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I've been lurking this group for about a week and am really interested in the PRO-43 going on sale at RS outlets and mail-order sources this week. I got the faqscan.txt and mod files, but still have unanswered questions.

Where can I get a description of what frequencies are used by what services?

I take it from rgray's previous post that the 43 is missing 108-117 (which is aircraft) which is covered by lower cost units. Why? Restorable?

I also see that by moving the "restoration" diode vs removing it, I can pick up 55-88 MHz. What's of interest in that range?

Does the "restoration" add back both 824-850 AND 869-895MHz? Are both ranges cellular?

Any mods to pick up the 25-29MHz or so range for CB transmissions?

Any other suggestions?
--
Maurice INTERNET: lriggins@afit.af.mil

692. Re: Cellphone-->>Scanner??

Newsgroup: rec.radio.scanner
Date: 1994-01-27 13:56:21 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Jan27.135621.2686@rsd0.rsd.dl.nec.com>
Source record: 277442

In article <2i5t23$ac5@linus.mitre.org>, mick_costa@iegate.mitre.org (Mick Costa) writes:

|> and then change the phone number so the phone company can't tell it's
|> my phone that's off the hook (if they can do such a thing).

Oh yes they can. The ESN, an electronic serial number, is programmed
into PROM at mfg. These can be changed on some cell phones by
connecting them to a PC based cell phone programmer. On some others the
PROM must be physically changed. The models that can be reprogrammed
are the hot ticket among the drug dealer crowd since they can use dthe
phone for a month or two without being traced. Then they simply
reprogram it.

BTW, the reprogrammers are available for as little as $250. See Nuts
and Volts magazine for adds.

==
Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

In the absence of leadership, we have decided to follow ourselves.

693. off subj: is there a faq list for GMRS?

Newsgroup: rec.radio.scanner
Date: 1994-01-27 15:16:35 UTC
From: reda@gandalf.rutgers.edu
Message-ID: <Jan.27.10.16.34.1994.185@gandalf.rutgers.edu>
Source record: 277444

I know this is off subject - no flames please...

Does anyone no where to get more info on GMRS (the other cb
radio).

TIA,
FRank

--

Frank J. Reda, Assistant Director, Rutgers University Computing Services
reda@gandalf.rutgers.edu

694. Re: Bought your Yupiteru MVT7100 in Japan?

Newsgroup: rec.radio.scanner
Date: 1994-01-27 15:46:47 UTC
From: clifto@indep1.chi.il.us
Message-ID: <2663@indep1.chi.il.us>
Source record: 277454
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <crispCK9wHp.91I@netcom.com> crisp@netcom.com (Richard Crisp) writes:
:In article <2hk6uc$akt@panix2.panix.com> schuster@panix.com (Michael Schuster) writes:
::The model sold in Japan has numerous frequency ranges excluded.
::You have to modify the radio for full coverage. Just be aware.
:
:And it is a trivial mod. A single surface mount component is removed

But I'm sure I'm not the only one who'd like to know which component that
is!

--
+---+
| Cliff Sharp | clifto@indep1.chi.il.us |
| WA9PDM | |
+---+

695. Re: Recorder Recommendations ????

Newsgroup: rec.radio.scanner
Date: 1994-01-27 17:05:19 UTC
From: rflood@cis.umassd.edu
Message-ID: <CKAssw.KK2@umassd.edu>
Source record: 277452
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In <2i7f7k$6tm@ionews.io.org> gesman@ionews.io.org (Gleb Esman) writes:

>In article <CJxstH.MAo@umassd.edu>,
>Richard M. Flood <rflood@cis.umassd.edu> wrote:
>>Does anyone have any recommendations for a voice activated recorder.

>I planning to purchase Sony model with time stamp. I was told, that
>it records time in a digital format on tape, so that one will see the time
>recording was started. I saw this recorder in a local store.
>It small, looks nice and not much expensive. I do not remember exact model
>number, but I found only one from Sony, that actually voice activated with
>time stamp.

Does anyone know of a mail-order electronics that sells sony products.
The local electronics stores only have a few of the cheaper sony
products.

-Rich

--

============================
/---\ Richard M. Flood
| O O | rflood@cis.umassd.edu
------oOO--U--OOo------ rflood@umassd.edu
Always Expose, Explain,and Explore, ============================
that which is forbidden!

696. Re: Pro-2010 question

Newsgroup: rec.radio.scanner
Date: 1994-01-27 18:36:26 UTC
From: rathinam@ins.infonet.net
Message-ID: <2i91ja$rl3@insosf1.infonet.net>
Source record: 277450

In article <2i5amp$hvl@illuminati.io.com>, hoagy@illuminati.io.com (Sir Hoagy) writes:
>I recently purchased a Radio Shack Realistic Pro-2010 from a garage sale.
>It works great, save no manual.
>
>It's been a long time since I've owned a scanner, and a few buttons
>I can't get to work. I have a monitor button, a limit button, and
>an up and down arrow button.
>
>Does anyone know what these do? Is it possible to program a lo and
>high frequency(cies) and have it do a scan between them?

To program HI and LO frequencies and search between them, do
program
limit
{enter LO freq}
limit
{enter HI freq}
enter (i think)
press up or down arrow(direction of search)

I hope I have not missed anything. If this does not work (or
if you don't have the PROGRAM key or ENTER key), try some variations
of the above procedure. [I don't have a Pro2010] :)

Monitor button is when you want to capture the frequency (in SEARCH)
into the monitor memory (that can be later transferred into a
memory channel). When you hear something interesting when
searching, press MONITOR and it stores it in the next (of 10?)
monitor channel (and comes out of the search mode).
--
rathinam@ins.infonet.net
n7twl

697. Cordless phone reception?

Newsgroup: rec.radio.scanner
Date: 1994-01-27 18:56:10 UTC
From: lenny@pmafire.inel.gov
Message-ID: <1994Jan27.185610.14747@pmafire.inel.gov>
Source record: 277439

Having recently purchased a PRO 2006 and searching the 46-49MHz range, I have yet to pick up any cordless phone conversations (other than my own). What is the reception range for a cordless phone to be overherd on a scanner??

698. Re: Cellphone-->>Scanner??

Newsgroup: rec.radio.scanner
Date: 1994-01-27 19:27:37 UTC
From: johnlt@hub.parallan.com
Message-ID: <q9sTgc1w165w@hub.parallan.com>
Source record: 277471

jackson@longlast.cs.nyu.edu (Steven Jackson) writes:

> |> someone was giving a speech on the security of cellular phones
>
> Many moons ago, we saw a posting by a man who performed that procedure
> in front of some Congressional committee in Washington, D.C. He explained
> (in soft focus) what he did and stated that he will not give out the
> details of the procedure to those who asked. It was, I believe, to argue
> against the son of the ECPA by showing that cellular phones were indeed the
> types of devices the son of the ECPA forbids the manufacture of, or that
> it is very easy in general to monitor such conversations.
>
> Over time, we have seen many postings by people who explain the procedure
> for specific models, but I don't think the issue was ever settled as to
> whether the cellular carrier knows the unit is "off the hook" and, thus,
> charges for air time while you are listening to conversations.
>
> I guess if you never register the phone, you might be able to get something
> going, but dealers often put in fine print under the $47 cell phone "add
> $300 to price without phone activation".
>
> --
> Steven Jackson New York Universi
> Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Scienc
> jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 100
Well, you could buy a phone with activation, canceling it after the first
month. Or how about buying a used phone from someone. Usually they will
have it de-activated since they don't want to get charged for the new
owners calls.

John Lautmann

699. TROUBLESHOOTING AN AR900

Newsgroup: rec.radio.scanner
Date: 1994-01-27 20:50:09 UTC
From: HF.MMZ@forsythe.stanford.edu
Message-ID: <2i99e1$b1e@morrow.stanford.edu>
Source record: 277456

I recently upgraded from a Bearcat 70XLT to an AR900 handheld. I'm a little disappointed with the AR900, but since I bought it used I don't know if it's broke or just the radio's characteristics.

The scanning isn't smooth-it seems to bounce off some channels and lock on others for no reason. There is also an annoying 'chattering' sound when certain frequencies lock in. Any ideas?

Thanks...MikeM

700. Re: Cellphone-->>Scanner??

Newsgroup: rec.radio.scanner
Date: 1994-01-27 21:14:39 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Jan27.161439.1@uoft02.utoledo.edu>
Source record: 277472

> The article goes on by saying some of the things that Gage failed to tell
> the subcommittee - keys have to be pressed in a specific order, the procedure
> varies between manfacturers and some disassembly may be required. Check out
> the articles in Nuts and Volts. They have been covering cell phone
> reprogramming lately. On the surface it seems as if there are elements of
> truth in the MT article. [Just for the record: is Gage a noted authority on
> cellular phones?]
>
> -= stan

A file containing the instructions AND codes to reprogram cell phones [NAMM codes not included *grin*] for quite a few popular models exists on a FTP site (I forget which). I remember reading the file, it had step by step procedures on how to do it.

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

"A screaming headache on the brow of the state..." --- Ministry

701. Re: off subj: is there a faq list for GMRS?

Newsgroup: rec.radio.scanner
Date: 1994-01-27 22:25:17 UTC
From: linnig@m2000.dseg.ti.com
Message-ID: <LINNIG.94Jan27162517@m2000.dseg.ti.com>
Source record: 277464

I found this somewhere (I seem to have lost the uppercase):

---------- cut here --

General Mobile Radio Service (GMRS)
An Introduction

by Benn Kobb KC5CW (bkobb@access.digex.com)

on november 10, 1988 the federal communications commission released new rules for the general mobile radio service (gmrs), one of three personal radio services regulated by part 95 of the fcc rules (title 47 of the u.s. code). on the basis of the number of current licensees, the gmrs growth rate is one of the highest in the private land mobile radio services.

the new rules went into effect january 1, 1989 and added several enhancements to gmrs. they include interstitial frequencies and improved transient use (roamer) privileges. gmrs licensees use commercial-quality equipment but use gmrs for personal, family and volunteer public-service communications.

originally known as class a of the citizens' radio service (not to be confused with "citizens band"), gmrs was created in 1946 by an fcc that wanted to apply wartime radio technology to civilian use. the original spectrum allocation to class a was from 460 to 470 mhz. the fcc announced:

"the possible uses of this service are as broad as the imagination of the public and the ingenuity of equipment manufacturers can devise."

by 1949 the commission had clarified that it intended to restrict eligibility in the new service to those applicants who could not qualify in one of the other commercial/industrial radio services that it had established. still, the use of class a by businesses and organizations was permitted, and became predominant in the 1950s.

in 1957 the fcc answered the need to increase mobile radio capacity by consolidating several industrial services into a new business radio service. the agency reallocated the 460 - 470 mhz band from citizens' radio to the wide business category. as a form of compensation, in an action widely decried by radio amateurs, the fcc also reallocated 11-meter amateur spectrum to create the 27 mhz citizens band. it retained a small uhf allocation for gmrs.

other reallocation actions eventually left the gmrs with 16 primary frequencies (8 channels) at 462 mhz and 467 mhz.

in 1987 the fcc proposed to modify the gmrs rules to increase the service's flexibility for personal communications. high in priority was the unresolved issue of whether a small, personal-use service should continue to license parties eligible in the business and government services.

the "keystone" of its final decision, the commission said, was to limit eligibility for obtaining a new gmrs system license to individuals in order to encourage personal use and discourage commercial exploitation of the service. "business communications needs, particularly the needs of large volume dispatch operations, should be satisfied through the use of communications alternatives other than gmrs," the fcc concluded. "the gmrs is not and should not become the 'other' business radio service."

the new gmrs rules classify licensees into two categories: individuals and non-individuals. "individuals," for the purposes of licensing, are persons 18 years of age or older who are not representatives of a foreign government. members of an individual licensee's immediate family who live in the same household may be operators of the licensee's station. licensees' employees who do not themselves hold gmrs licenses may not operate gmrs stations licensed to their employers. after january 1, 1989, only individuals are eligible for gmrs licenses.

non-individuals include such entities as partnerships, corporations, associations, state or local governments or other legal entities. gmrs systems licensed to non-individuals before july 31, 1987 will be grandfathered. such systems can continue operations to the extent that they comply with all applicable gmrs rules, including channel sharing and station identification among others. there are several exceptions to the grandfathering rules and interested parties are advised to consult the rules and the personal radio steering group for the details.

the new gmrs rules granted increased privileges to licensees who are individuals. one of the longest-sought privileges was increased flexibility for roamers (or transient users). under previous gmrs rules, two parties could not communicate through a repeater unless at least one of the parties held a license for that repeater or a written cooperative-sharing contract with the repeater licensee. this requirement frustrated transient users, who wanted easier repeater access while traveling. even if the repeater licensee agreed to such operation, he/she did not have authority to grant oral permission to roamers.

with the new gmrs rules, the individual repeater licensee can grant oral or written permission to traveling gmrs users who do not otherwise have a licenses or contract for that repeater. this permission may only be granted to mobiles and not to control stations, and fixed point-to-point communications are prohibited. the gmrs national repeater guide, published annually by the personal radio steering group, lists repeater systems across the country, together

with access policies and contact information.

to make direct, non-repeater use in the service available the fcc released seven 12.5khz interstitial frequencies in the 462 mhz band to individual gmrs licensees. stations on interstitial frequencies may transmit with no more than five watts effective radiated power. the frequencies may not be used for repeater input or output; they are simplex only. no paperwork is required from individual licensees in order to gain access to these interstitial frequencies.

the new rules permit individual gmrs applicants to license for a maximum of two primary (25 khz) channels or channel pairs. the applicant must choose the channels to request; the fcc does not choose the channels, nor do part 90 (business radio) frequency coordinators have any authority from the fcc to coordinate gmrs frequencies.

in addition to the two primary channels, any individual licensee is free to use the channel pair 462/467.675 mhz for traveler assistance and emergency communications. if the user is licensed for that channel pair as one of the two primary channels, he or she is then not limited to traveler assistance and emergency content.

individual gmrs licensees are now able to use handheld and mobile transceivers as small base stations in gmrs. they may connect these radios to external power supplies and antennas. applicants must show their small base station on the license to be operated at a particular location, but need not supply geographic coordinates and heights. the small base station may transmit on the 462 mhz channels shown on the license, and on the new interstitial channels. base-to-base operation still is prohibited, and small base stations are limited to five watts erp and antenna no more than 20 feet above the ground, building or tree on which it is mounted.

the personal radio exchange newsletter, plus a wide variety of tutorials, licensing services and the national repeater guide and national gmrs licensee registry, as well as online access to the gmrs license database and user-cooperative contracts, is available from the not-for-profit gmrs advocacy organization:

personal radio steering group, inc. p.o. box 2851 ann arbor, mi 48106

313 mobile 3 (313 662 4533) voice
313 995 2100 bbs

-- Mike, N5QAW

- - - - - - - - - - - - - - - - - - - + - - - - - - - - - - - - - - - - - +
Mike Linnig, Texas Instruments Inc. | 97.43% of all statistics are made |
Phone: (214) 575-3597 | up; most of them (83.6 percent) |
Internet: mike.linnig@dseg.ti.com | are wrong. |
- -

702. Re: Aircraft band 118-136 MHZ activity in PA?

Newsgroup: rec.radio.scanner
Date: 1994-01-27 22:50:16 UTC
From: dave@frackit.UUCP
Message-ID: <4013@frackit.UUCP>
Source record: 277389
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <2i1bo4$k1m@jake.esu.edu>, yt7062@ARK.SHIP.EDU writes:
- In article <94021.151847DCS4@psuvm.psu.edu>, Dave Shaffer <DCS4@psuvm.psu.edu> writes:
- >I anticipate getting a scanner that includes an aircraft band
- >range (118-136 MHZ, I believe) that is not available on my
- >current scanner.
- >What type of activity might I find in that band? Does anyone
- >have any suggestions of specific frequencies I might find in
- >west-central Pennsylvania?
-
- The Aircraft are TREMENDOUSLY HELPFUL (and cool to listen to) if you know what
- to listen for. Here in central PA (Hbg) Harrisburg Departure is on 124.100MHz
- (aircraft have been heard on this channel as far away as Snow Shoe, PA on my
- BC-580 XLT).

- Any questions about Central PA, write to YT7062@ark.ship.edu for more info...

Add these to your list:

Aircraft (and associated) frequencies in Central PA/Harrisburg area
==

118.25 Hbg Int. Airport Approach/Descent
118.75 Washington Center
118.80 Hbg Information (ATIS)
119.50 Capitol City Airport Tower
120.90 Lancaster Airport Tower
121.50 National ELT (Emergency Locator Transmitter)
121.70 Hbg/Lancaster Ground Control
121.90 Capitol City Ground
122.20 Hbg Flight Service
122.40 Hbg Flight Service
122.75 Air to Air
122.80 Unicomm/Business Airport of Carlisle
122.85 PSP Air to Ground
124.10 Hbg Approach West
124.80 Hbg Tower
126.20 U.S. Army Ft. Indiantown Gap Tower
126.45 Hbg Approach East
127.20 Air National Guard
128.20 New York Center
130.05 Hbg Unicomm
133.15 New York Center
134.50 Washington Center
134.95 Capitol City Information (ATIS)

135.45 New York Center
139.00 U.S. Army Ft. Indiantown Gap Ground Control

Source: FCC Frequency Data Base

Now THAT oughtta be enough to keep y'all busy :)

--
Dave Ratcliffe vogon1!frackit!dave@cse.psu.edu
Harrisburg, Pa.

703. Re: Cordless phone reception?

Newsgroup: rec.radio.scanner
Date: 1994-01-28 00:00:19 UTC
From: schuster@panix.com
Message-ID: <2i9kij$uj@panix2.panix.com>
Source record: 277436

In article <1994Jan27.185610.14747@pmafire.inel.gov>,
Lenny <lenny@pmafire.inel.gov> wrote:
>Having recently purchased a PRO 2006 and searching the 46-49MHz range,
>I have yet to pick up any cordless phone conversations (other than my
>own). What is the reception range for a cordless phone to be overherd
>on a scanner??

Several feet to several miles, depending on propagation, antenna, and
sensitivity of the receiver. Many scanner antennas are quite insensitive
on the VHF low band.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

704. Encryption

Newsgroup: rec.radio.scanner
Date: 1994-01-28 04:51:04 UTC
From: tmnichol@alioth.cc.nps.navy.mil
Message-ID: <CKBpH4.28o@taurus.cs.nps.navy.mil>
Source record: 277451

I often hear the local police here in Monterey, CA say "Go to code".
When they "Go to code" they activate some sort of encryption device.
The freq remains the same, but I hear noise/static -no voice. After
what was a short transmission the units report "Clear code" and
everything is back to normal. My question is as follows -Is their a
way to decode this info? My guess is no, but thought I would ask.
Am I correct in assuming that this transmission it digitally encoded?

705. Re: scanner info ...

Newsgroup: rec.radio.scanner
Date: 1994-01-28 15:02:14 UTC
From: yt7062@ARK.SHIP.EDU
Message-ID: <2ib9dm$cd@jake.esu.edu>
Source record: 277388
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <1994Jan27.050746.18534@afit.af.mil>, rgray@afit.af.mil (Robert nmi Gray) writes:
>1. I have just purchased a PRO43 scanner, and would
>appreciate any advice with regards to the scanner (operating
>procedures not published in the manual, etc.) and any good
>frequencies for the >a. Dayton OH (Beavercreek OH, Wright-Patterson AFB, OH)
>b. Erie, PA
I know a few freqs for Erie, I used to go to school at PSU Behrend.
PS Behrend Campus Police are on 461.0250MHz
Erie PD Main Band is really active: 460.0500MHz
Erie PD Ax band is pretty active: 460.2000MHz I think
Use the 155.6700MHz and 155.9100MHz Combos for PSP on I-79.
Conrail on 160.8000MHz is also active.
462.9500MHz for EMS
155.2200MHz for Hospital - Not St. Vincent...the other one...
I may have my old freq list that I used to use from up there, drop me a
line at YT7062@ark.ship.edu if interested...
YAT:

706. Tropez 900DL cordless (my opinions)

Newsgroup: rec.radio.scanner
Date: 1994-01-28 15:11:57 UTC
From: horak@convex.com
Message-ID: <horak.759769917@convex.com>
Source record: 277467

I've had my new toy for about a week now. The useable range is great, probably about 150 yards around my apartment complex. The range would no doubt be more if there were no obstructions. The sound quality is good for a cordless and there is very little noise. The popping sound people refer to when a line is ringing is not a problem. The phone does cut out when I approach the maximum range and there is occasional static then too. I can't get anything but noise on my scanner on the 900 MHz frequencies. My freq counter locks on just fine but all the scanner gets is white noise. One problem that has been mentioned that I have also noticed is that there is an emission from the handset around 448 MHz and a few other freqs in the 440 range. The unscrambled voices can be heard on these freqs but the power level at that freq is so low that I could not pick it up more than ten feet from the handset. Also, even at close range the voice signal is a bit noisy. All in all, I'd say the Tropez is a pretty secure phone. I'm satisfied with it, especially for $179. In our area, Home Depot or Office Depot is the place to buy them.

David

707. Audio Freq for Channel 4

Newsgroup: rec.radio.scanner
Date: 1994-01-28 15:15:43 UTC
From: dkelham@lincoln.gpsemi.com
Message-ID: <CKCIE8.KnC@lincoln.gpsemi.com>
Source record: 277465

Could somebody please help me with the above subject.

Happy listening......

Darren Kelham
Computer System Technician
==========
_/_/_/_/ _/_/_/_/ _/_/_/_/ E-Mail : dkelham@lincoln.gpsemi.com
_/ _/ _/ _/
_/ _/_/ _/_/_/_/ _/_/_/_/ Address: GPS, Lincoln, England, UK, Earth.
_/ _/ _/ _/
_/_/_/_/ _/ _/_/_/_/ Phone : 0522 502331
==========

"The quadruple turbochargers kicked in. My brain flattened against
the back of my skull cavity. The blood was driven out of my nuckles,
knees, and nose. All my bodily orifices shut with a snap except for
my eyes, which I'll probably never be able to close again."

- Buggatti EB110 Worlds Fastest Production Car.

708. Re: Encryption

Newsgroup: rec.radio.scanner
Date: 1994-01-28 15:19:17 UTC
From: yt7062@ARK.SHIP.EDU
Message-ID: <2ibadl$cd@jake.esu.edu>
Source record: 277397

\In article <CKBpH4.28o@taurus.cs.nps.navy.mil>, tmnichol@alioth.cc.nps.navy.mil (Troy M. Nichols) writes:
>I often hear the local police here in Monterey, CA say "Go to code".
>When they "Go to code" they activate some sort of encryption device.
>The freq remains the same, but I hear noise/static -no voice. After
>what was a short transmission the units report "Clear code" and
>everything is back to normal. My question is as follows -Is their a
>way to decode this info? My guess is no, but thought I would ask.
>Am I correct in assuming that this transmission it digitally encoded?

Yeah, the encoding is digital all right, and there is NO way the average person without a CRAY can decode the system, there are millions of combinations, and they can be changed at the drop of a hat. Most of the "Static" coders are Motorola units, tradename Secure-net. Capitol Police Department here in Harrisburg has that capability, but they rarely use it (except for when they filmed "The Distinguished Gentleman" downtown. Harrisburg PD also encodes, but they use Frequency Inversion instead. Just be thankful they don't code 100%!
YAT:

709. Re: Radio Interference

Newsgroup: rec.radio.scanner
Date: 1994-01-28 16:00:37 UTC
From: bmiller@landesk.intel.com
Message-ID: <2ibcr5$pg8@ornews.intel.com>
Source record: 277461

In article <CK9n3u.AK1@news.udel.edu> kmorrill@brahms.udel.edu (Ken Morrill) writes:
>My Sony 2010 and Realistic Pro-2006 sit on the same table as my Gateway
>2000 486 DX2-66V and near my HP LaserJet 4. What steps should I take to
>reduce or eliminate interference? 800 Mhz and above is not affected,
>while 30 to 50 Mhz on the scanner is very much. I have not yet
>implemented external antennae. Please advise me concerning shielded
>cabling and type & location of antennae, as well as other factors,
>including power supply. Please send e-mail and I will summarize
>responses. Thank you. Sincerely, Ken Morrill.
>kmorrill@strauss.udel.edu
>--
>Kenneth J. Morrill <kmorrill@brahms.udel.edu>

Using Coax (i.e. shielded cable) of most any type should eliminate most
of your problems. Power cords can also act like antennas to attract
interference, but this is less likely. Using torroids (ferrite) as close
to the radio as possible will usually help this. But most of the
noise comes in through the antenna - use coax and place your antenna AT
LEAST in another room (roof is better).

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

710. recent fcc law

Newsgroup: rec.radio.scanner
Date: 1994-01-28 16:30:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.3395.5773.0N192B9F@canrem.com>
Source record: 277470

Could somebody e-mail me the recent FCC law that overrides any
state/municipal laws banning amateurs from possessing equipment that is
capable of receiving public service freqs?

I'm specifically wondering if the above law also applies to scanners that
may be in an amateur's possession.

Thanks
Steve
* JABBER v1.1 * Scrute the inscrutable; eff the ineffable.

711. Re: Are newsfeeds out there?

Newsgroup: rec.radio.scanner
Date: 1994-01-28 16:47:09 UTC
From: abottone@minerva1.bull.it
Message-ID: <CKCMMM.5L2@minerva1.bull.it>
Source record: 277458
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

gl8574@eve (LASHER GLENN C.) writes:

>Question:

>My thought on the matter was that it would be neat to pick up the newsfeeds
>if they're out there. As I tune across my dial, I hear many RTTY signals,
>and I was wondering two things:

>1. Are the newsfeeds (AP, UPI, etc) out there and available in this form?

In my experience only the so-called-third-world-countries news agencies are
still on shortwave. AT least in my site in Italy I can only receive news
from agencies of Korea, Marocco, Jugoslavjia, Iran, and the like.

>2. Is an old Hallicrafters (an s-38b) sufficient to the task, and if so, what
> sort of hardware should be connected between its headphone socket and the
> input on my machine, and should the BFO be on or off and what useful info
> is there on how to tune it?

I don't know abount the specific receiver. In my experience the most useful
device has been an insultation transformer (600ohm-600ohm or something close
to that) so to better insultate the receiver from the computer (for noise
reduction purposes).

>Thanks for any help you could supply.
>Critter

You're welcome
Alex

--
* Alessandro Bottonelli | BULL/IBT Network Security Manager *
* E-Mail: A.Bottonelli@it12.bull.it | Phone: +39-(0)2-6779-8081 Bullcom=260 *
* Bulltx: /BULLIT/IT12X/BOTTONELLI A.| Fax: +39-(0)2-6779-8463 *
****** To err is human - and to blame it on a computer is even more so *******

712. Re: Cordless phone reception?

Newsgroup: rec.radio.scanner
Date: 1994-01-28 16:49:40 UTC
From: myers@pongo.West.Sun.COM
Message-ID: <2ibfn4INN86c@abyss.West.Sun.COM>
Source record: 277468

In article <1994Jan27.185610.14747@pmafire.inel.gov> lenny@pmafire.inel.gov (Lenny) writes:
>Having recently purchased a PRO 2006 and searching the 46-49MHz range,
>I have yet to pick up any cordless phone conversations (other than my
>own). What is the reception range for a cordless phone to be overherd
>on a scanner??

Hmm, using a Hamtronics receiving converter on my FT-747, I can easily receive telephone handsets over a block away in my area. My antenna was a 2m 1/4 wave ground plane; a real 50MHz antenna would probably work a lot better.

I got such a kick out of hearing one of my neighbors, who is always very convservative in public, talking dirty to someone... :-)
--
* Dana H. Myers KK6JQ, DoD 466 | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* This Extra supports the abolition of the 13 and 20 WPM tests *

713. Re: WWCR 5.810MHZ 8pm 12pm Eastern(CHECK IT OUT!!)

Newsgroup: rec.radio.scanner
Date: 1994-01-28 17:01:50 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <Z2KIjGG8ybAR053yn@dorsai.dorsai.org>
Source record: 277387
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.scanner

In article <2i743j$1f1@delphinium.cig.mot.com>, Harry E. Cline wrote:
> In article <5KJHjGG8ynrC053yn@dorsai.dorsai.org>, bigsteve@dorsai.dorsai.org (Steve Coletti) writes:
> |> |> The show is anything but religion, you see WWCR also means World Wide
> |> Conspiricy Radio. Anyone want to take a vote on starting an
> |> alt.radio.conspiricy newsgroup for WWCR listeners? C'mon all you Tom
> |> Valentine and Pastor Pete fans, this is for you.
>
> Don`t forget the Hour of the Time with William Cooper!
> They are usually entertaining and address subjects you won't here elsewhere.
> How about alt.new_world_order?

That's who we were orinally talking about.

< ^^>
< "Big Steve" Coletti >
< Shortwave Listener, Broadcaster, Computer Consultant >
< and all around nice guy >
< Internet: bigsteve@dorsai.dorsai.org ==== S.COLETTI2@genie.geis.com >
< UUCP: Steve_Cole@islenet.com ==== steveny@lopez.marquette.mi.us >
< Fidonet: 1:278/712 US Mail: P.O. Box 396, New York, NY 10002 >
< Voice: +1 212 995-2637 >
~~~~~~
~~~~~~

714. Question on PRO-43 Mod

Newsgroup: rec.radio.scanner
Date: 1994-01-28 17:40:34 UTC
From: MCRoss@Haverford.edu
Message-ID: <MCRoss-280194124034@s131.stokes.haverford.edu>
Source record: 277457

I have read over the Cellular and Low-Band mods for the PRO-43. I am considering these mods, but I have a few questions.

First of all, the mod describes a row of five places for diodes, labeled D1-D5, with diodes in the D1, D2, and D4 positions. The mod says that if you remove D4 it will restore the cellular capabilities and if you place it into D3 it will extend the low band coverage. Does anyone know what D5 is for, or for that matter, what would happen if you removed or otherwise played with the other diodes?

Secondly, for anyone who has done this mod, what sort of tools should I get. Most of my tools are at home (I am at school) so I would probably buy new ones at the Shack (cause it's right down the street.) Should I get a 15 watt soldering iron, or is a 30 watt small enough. What kind/size solder should I use. I have never done much soldering, at least now with electronics. Is this out of my league? I can't afford to have a $350 paperweight with an antenna attatched to it.

Thanks for your help.

Michael

715. Freq lists on the net?

Newsgroup: rec.radio.scanner
Date: 1994-01-28 18:32:27 UTC
From: savage@viper.rtp.dg.com
Message-ID: <1994Jan28.183227.18329@dg-rtp.dg.com>
Source record: 277459
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does anyone know of any frequency lists that are on internet? Any pointers are appreciated...

Thanks,

--Ed

Edward Savage savage@dg-rtp.dg.com

716. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-01-28 18:57:13 UTC
From: r_egeland@cc.colorado.edu
Message-ID: <CKCsnF.E30@Colorado.EDU>
Source record: 277463

In article <nick+.1109991028C@usenet.pitt.edu>, nick+@pitt.edu (Nick) writes:
>In Article <2i4etj$sbs@crl2.crl.com>, vhealey@crl.com (Victor Healey) wrote:
>
>>Is the Pro 43 any good? Yeah i know it is radio shacks top hand held but
>>I see many apparently do not like dieplay battery life and unreliable
>>speaker .
>>
>>I picked up a Pro 46 and for $180 it gives a bigger bang for the buck
>>then I thought it would.
>....
>>Comments... I take the 46 back in a heartbeat if you can tell me why the
>>43 is worth $120 more cash outlay.
>....
>>PS I do know what triple conversion is but is it worth $120?
>
>I'm shopping for a scanner too, and was looking at the Pro 43
>and 46 - but I just found out about the BC 200XLT deal.
>
> Pro 46 Pro 43 BC 200 XLT
> 100 channels 200 channels 200 channels
> 1 priority ? priority 10 priority
> 800 MHz 800 MHz 800 MHz
>
> $170 $350 ($299) $160
>
> All of 'em have limit search, up and down, and are modifiable
> for cellular. Any one know of any reason to prefer the
> Pro series at all over the BC 200 XLT (discounting triple
> conversion)?
>
> -- Nick
>
>
>
>
> _/ _/ _/ _/_/_/ _/ _/ Sea Shells to C shells, Waikiki to
> _/_/ _/ _/ _/ _/ _/_/_/ the Internet, a wave, is a wave...
> _/ _/_/ _/ _/ _/ _/
>_/ _/ _/ _/_/_/ _/ _/ CompSrv: 71232,766 I-Net: Nick+@pitt.edu

I recently bought a 200XLT over the net - it is modified for cellular and fast scan. I was thinking about the Pro 43 for a while because the cellular band restores to the correct frequency step of 30 khz. The 200XLT restores to 12.5khz. However, the 200XLT has a better receiver and better audio, and it

can easily tune in ALL cellular freqs. I love the 200XLT. One thing that is great about the 200xlt is that it can be easily modified to scan at 42ch / sec. Try to get that out of a pro series scanner. :-) The BC200XLT is the only way to go. (BTW, where did you see the $160 price).

RDE

717. TV Antenna for Scanner Use!

Newsgroup: rec.radio.scanner
Date: 1994-01-28 19:07:01 UTC
From: r_egeland@cc.colorado.edu
Message-ID: <CKCt3q.FA4@Colorado.EDU>
Source record: 277466

Just a little tip - I had an old tv antenna laying around (it was equipped for FM radio, too), and I decided to use it for my scanner. It's got the standard RS rotator. I first tried using the antenna just as it had been set up for TV, and it worked a lot better than the handheld antenna, but was not excellent. I then mounted the antenna VERTICALLY, and I can now recieve cordless phones from a half mile away or more, and I'm in the city! If you really want scanning power, just buy a cheap TV antenna with FM cap. and a rotator, and you can really see some scanning power for under $75!!! The rotator REALLY cleans up interference - as much as 5 degrees can make the signal crystal clear. WOW!

RDE

718. DTMF Decoders - Where?

Newsgroup: rec.radio.scanner
Date: 1994-01-28 19:21:18 UTC
From: r_egeland@cc.colorado.edu
Message-ID: <CKCtrI.G3H@Colorado.EDU>
Source record: 277469

Other than soundblaster, are there any cheap DTMF decoders around? Where do you find them? I know there is test equipment available for around $300 that will do the job, but that's more than my scanner!!! Anyone have any creative/cheap ideas (besides recording and then trying to compare by pressing buttons on the telephone ;-)).

ADVAthanksNCE

RDE

719. Pro-34 charger

Newsgroup: rec.radio.scanner
Date: 1994-01-28 19:36:53 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2ibpgl$jmr@slinky.cs.nyu.edu>
Source record: 277455

Good afternoon r.r.s.

I gave a Pro-34 to my girlfriend last weekend without the charger (oops). I found what I think is the charger I've always used, but upon looking at it, I think it read 9v 300ma with "for cassette players or radios without antenna plugs" Is that right? Can someone out there please confirm for me that the charger I'm about to give her is apparently not the correct one, or did Radio Shack make that charger before the specs for the Pro34 were set in stone?

Just a simple "use it" or "don't use it" by email would be fine..

Thanks much!
Steve

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

720. AR1000XLT for sale

Newsgroup: rec.radio.scanner
Date: 1994-01-29 00:30:47 UTC
From: mjr@crl.com
Message-ID: <2icann$hkg@crl2.crl.com>
Source record: 277473
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

I have an AR1000XLT I will sell for $275.

It is in perfect condition, used for about 1.5 years, and tuned about
6 months ago by ACE. It works great given the general limitations of
this particular model.

General characteristics:

1000 memory channels in 10 banks. 10 separate search programs also
can be stored (one per bank). The bank capabilities are very
flexible. For example you can program it to scan or search the
channels (or search ranges) programmed into several banks
simultaneously, even skipping banks in between, etc.

It's ostensible range is 500Khz to 1.3Ghz. There are no gaps. Nothing
is locked out. Bear in mind the unit is effectively useless below
30Mhz unless you can put a Loooong antenna on it... Above 30Mhz though,
it is pretty good. ..

It does AM, WFM, NFM modes. Any step increment from 5khz to 995khz
can be selected on any band. Unlike some scanners, it will not lock
to a particular even-increment when stepping. So if you start at
xxx.112Mhz and give it a step of 30khz, the next freq it will hit
will be xxx.142Mhz and not xxx.140 as with many other scanners.

All-in-all a very powerful scanner at $275 in prime condition. I also
have a copy of H. Bornstein's GUIDE TO THE AR1000 I will throw in
with the deal, along with all the original documentation and purchase
receipts.....c

If you are interested, call me at work (Larkspur CA) at 415 461-6790
or send mail to me mjr@crl.com

Happy scanning...

--
matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70271,255 Internet: mjr@crl.com

721. Re: Pro-2010 question

Newsgroup: rec.radio.scanner
Date: 1994-01-29 01:27:18 UTC
From: jerry.smith@radiohobby.chigate.com
Message-ID: <c3e_9401290432@chigate.fidonet.org>
Source record: 277381

h> I recently purchased a Radio Shack Realistic Pro-2010 from a garage sale.
h> It works great, save no manual.

h> It's been a long time since I've owned a scanner, and a few buttons
h> I can't get to work. I have a monitor button, a limit button, and
h> an up and down arrow button.

h> Does anyone know what these do? Is it possible to program a lo and
h> high frequency(cies) and have it do a scan between them?

Hi, Matt...
Yes, it is possible to program a low and high frequency. The limit, up
and down arrows and monitor buttons are all used during a 'search'. To do
this, enter a frequency, press limit, then program a second frequency, then
press limit. Hit either the up key or down key depending on whether you
want to search up or down. If you find something of interest, press
Monitor. It is possible that this unit has a 10 channel memory bank to
hold frequencies that are stored after pressing monitor. The only way to
find out is to stop the scanning of the radio and press monitor. Look at
the top and see if there is an indication of what monitor memory channel
you are at.

Jerry...Chicago

... Uh, we're like, uh, closed or something
* Evaluation copy of Silver Xpress. Day # 10

722. Re: Pro 43 Technical Info/Question

Newsgroup: rec.radio.scanner
Date: 1994-01-29 01:32:54 UTC
From: jerry.smith@radiohobby.chigate.com
Message-ID: <c3f_9401290432@chigate.fidonet.org>
Source record: 277383

c> I was wondering if anyone was getting some sever intermod in the MED
c> 1-10 base channels, and if you are, is your 43 modified or stock.
c> I seem to be getting some really nasty inter-mod (mostly pagers) in
c> the standard MED channel (462-463 Mhz area) and was wondering if this was
c> related to the modifications as normally recognized.

Hi, Chris...

I don't have this particular model of scanner, but I can tell you what I
have heard from many users of the '43. The sensitivity is extremely strong
in the 450 to 480 Mhz range. Not too much you can do except maybe a
different antenna tuned to a different range.

Jerry...Chicago

... wwwhhhoo...wwwhhhooo...Is this thing on?
* Evaluation copy of Silver Xpress. Day # 10

723. Re: Scanner mods in Chicago

Newsgroup: rec.radio.scanner
Date: 1994-01-29 01:34:38 UTC
From: jerry.smith@radiohobby.chigate.com
Message-ID: <c40_9401290432@chigate.fidonet.org>
Source record: 277384

h> Is anyone aware of a place in the Chicago area that will do mods on
h> scanners?

h> I really would like a professional ... not "My name is Joe, sure I can do
h> that for you ... that'll be $4.53, you want fries or a hot apple pie with
h> that?".

I have not heard of anything in the area here. What kind of unit do you
want modified? Some units are easy to do by the owner of the radio.

Jerry...Chicago

... Rush Limbaugh...'See, I told you so'
* Evaluation copy of Silver Xpress. Day # 10

724. Force me to buy a scanner...

Newsgroup: rec.radio.scanner
Date: 1994-01-29 03:10:52 UTC
From: elassley@nde.unl.edu
Message-ID: <2ick3s$pqi@crcnis1.unl.edu>
Source record: 277386

I have read about so many radio shack scanners and the ones I have seen are cool. I want a 200 channel scanner that runs pretty darn fast or that be modified to run scan as fast as possible. So, I want everyone to just TELL me what scanner is best for me. I have a $200 to $250 limit. No ands, ifs , and buts, just tell me and I will obey...

--
| // // ONLY AMIGA *-=>SS<=-* Imperial Realm: 402-223-2089 |
| _ // // MAKES IT ********** Where you going now? When you |
| \\//\\// POSSIBLE!! *-KB0DMU-* get to the top of the hill, |
| \/ \/ ********** gonna be there yes I will. - DY |

725. Re: Cordless phone reception?

Newsgroup: rec.radio.scanner
Date: 1994-01-29 05:07:20 UTC
From: jerry.smith@radiohobby.chigate.com
Message-ID: <c41_9401290432@chigate.fidonet.org>
Source record: 277376

```
l> From: lenny@pmafire.inel.gov (Lenny)
l> Date: Thu, 27 Jan 94 18:56:10 GMT

l> Having recently purchased a PRO 2006 and searching the 46-49MHz range,
l> I have yet to pick up any cordless phone conversations (other than my
l> own). What is the reception range for a cordless phone to be overherd
l> on a scanner??

Hi, Lenny...
The typical range of a cordless phone is at 1000 feet. If you are in a
good location and have an external antenna, you can pick up cordless phones
as much as 3 miles.

Jerry...Chicago

... This is a test of the Silver Xpress system...
* Evaluation copy of Silver Xpress. Day # 10
```

726. Re: TROUBLESHOOTING AN AR900

Newsgroup: rec.radio.scanner
Date: 1994-01-29 05:09:58 UTC
From: jerry.smith@radiohobby.chigate.com
Message-ID: <c42_9401290432@chigate.fidonet.org>
Source record: 277382

H> I recently upgraded from a Bearcat 70XLT to an AR900 handheld. I'm a
H> little disappointed with the AR900, but since I bought it used I
H> don't know if it's broke or just the radio's characteristics.

H> The scanning isn't smooth-it seems to bounce off some channels and
H> lock on others for no reason. There is also an annoying 'chattering'
H> sound when certain frequencies lock in. Any ideas?

Hi, Mike...
From what I have read on CompuServe, the AOR scanners are not that good
in quality. My suggestion? If you still can, send it back as soon as
possible.

Jerry...Chicago

... This is a test of the Silver Xpress system...
* Evaluation copy of Silver Xpress. Day # 10

727. Re: Audio Freq for Channel 4

Newsgroup: rec.radio.scanner
Date: 1994-01-29 05:13:46 UTC
From: jerry.smith@radiohobby.chigate.com
Message-ID: <c43_9401290432@chigate.fidonet.org>
Source record: 277375

d> Could somebody please help me with the above subject.

d> Happy listening......

The frequency for the audio portion of Channel 4 is 71.750 Mhz.

Jerry...Chicago

... wwwhhhoo...wwwhhhooo...Is this thing on?
* Evaluation copy of Silver Xpress. Day # 10

728. Re: DTMF Decoders - Where?

Newsgroup: rec.radio.scanner
Date: 1994-01-29 05:20:37 UTC
From: ttait@lynx.dac.neu.edu
Message-ID: <2icrn5$lla@lynx.dac.neu.edu>
Source record: 277385

There are a number of cheap IC's (<5$) that decode touch-tones well with little external circuitry. On example I know of is the Silicon Systems Semiconducter SSI202 an 18? pin dip. All you need is a color-burst xtal and a few resistors + caps to have an excellent decoder - the tricky part is the display - the chip has 8 outputs for the 4 rows and 4 colunms. Should be a simple project!

Tim

729. Re: Ski patrol radio frequencies

Newsgroup: rec.radio.scanner
Date: 1994-01-29 05:33:21 UTC
From: rmcneil@uxa.cso.uiuc.edu
Message-ID: <2icsf1$q2k@vixen.cso.uiuc.edu>
Source record: 277378
Cross-posted to: rec.radio.scanner,rec.skiing

gws4273@Msu.oscs.montana.edu writes:

>>villa olivia country club, ski patrol, sports
>> [bartlett]__________ 155.1600_____call? (others)
>>--
>>==========
>> Copyright 1994, Bob Parnass, AJ9S
>> AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

>Finally someone else who has had the mispleasure of skiing at V.O. Thanks Bob,
>I was starting to think that everyone who had started at Villa Olivia up and
>quit skiing! Then again w/ a 200' vert who can blame them?

I grew up near V.O. and went past it every day to and from school. I couldn't understand what anyone saw in this skiing stuff!! Why would anyone stand in those long lines for that 10 second slide down? As an adult my wife and my best friends conned me into driving them to Colorado and I learned to ski. Now I've come full circle, as I took my kids to V.O. this spring for their spring ski warm up before heading for the bigger hills. As I've heard others say - "A small hill's better than no hill" & "A bad day of skiing is better than a good day of work."

R McNeil
DoD #1182
rmcneil@uiuc.edu

730. Re: Question on PRO-43 Mod

Newsgroup: rec.radio.scanner
Date: 1994-01-29 06:33:58 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Jan29.013358.1@uoft02.utoledo.edu>
Source record: 277474

In article <MCRoss-280194124034@s131.stokes.haverford.edu>, MCRoss@Haverford.edu (Michael Ross) writes:
> I have read over the Cellular and Low-Band mods for the PRO-43. I am
> considering these mods, but I have a few questions.
>
> First of all, the mod describes a row of five places for diodes, labeled
> D1-D5, with diodes in the D1, D2, and D4 positions. The mod says that if
> you remove D4 it will restore the cellular capabilities and if you place it
> into D3 it will extend the low band coverage. Does anyone know what D5 is
> for, or for that matter, what would happen if you removed or otherwise
> played with the other diodes?

> I don't know wt d5 does either.
> Secondly, for anyone who has done this mod, what sort of tools should I
> get. Most of my tools are at home (I am at school) so I would probably
> buy new ones at the Shack (cause it's right down the street.) Should I get
> a 15 watt soldering iron, or is a 30 watt small enough. What kind/size
> solder should I use. I have never done much soldering, at least now with
> electronics. Is this out of my league? I can't afford to have a $350
> paperweight with an antenna attatched to it.
>
I would try to find TWO small irons!I've done 15 43's and two irons come in handy to pop off d4 instantly.You need a solder sucker(I personally hate wick), a small phillips screwdiver,solder of course,and good eyes or a magnifing glass.You have to realize the diodes are apox. 1\8th of an inch long!If that makes your knees shake,I'd say dont do it!I've seen a couple that were "modified"and didn't work anymore.I don't know actly where you are at,but it shouldn't be too hard to find somody in a scanner club in the area to do it for you or help you do it.It's not hard,but you have to be CAREFUL! And if you decide to try it,make SURE if you install d3,to get the polarity of the diode right(the stripe on one end goes the same way on all the diodes)! Good Luck!

> Thanks for your help.
>
> Michael
--
Barry Felstein N8PVX using Brad's acct:
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

731. Re: Cordless phone reception?

Newsgroup: rec.radio.scanner
Date: 1994-01-29 06:43:28 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Jan28.224328.3482@cmkrnl>
Source record: 277396

In article <2ibfn4INN86c@abyss.West.Sun.COM>, myers@pongo.West.Sun.COM
(Dana Myers) writes:
> I got such a kick out of hearing one of my neighbors, who is always
> very convservative in public, talking dirty to someone... :-)

You know what they say - it's always the quiet ones. :-)

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CIS: 74140,2055

732. Re: Codes and Scrambling

Newsgroup: rec.radio.scanner
Date: 1994-01-29 09:28:00 UTC
From: "Frank Cusack Jr." <fcusack@psu.edu>
Message-ID: <2ida70$p5q@genesis.ait.psu.edu>
Source record: 277379

In article <CK8xIw.Kr2@umassd.edu> Richard M. Flood,
rflood@cis.umassd.edu writes:
> I just got my scanner so I am new at all this. Someone mention touch
> tones and decoders a few posts ago. I was wonndering if anyone could
> explain why touch tones and decoders are used? Why would you want
> to get the information contained in the tones?

I guess you are referring to squelch tones. This is a system to enable
radios to receive only those signals that actually contain information
important to the listener. It solves problems associated with intermod,
etc. It is very advantageous for frequencies that are shared by various
agencies - for instance, medical dispatch in neighboring counties. The
system is called CTCSS - Continuous Tone Coded Squelch System.
Manufacturers have their own names for their implementation - Motorola's
is P/L (Private Line). I can't recall the others offhand.
What happens is that along with a broadcast, an agency specific
"sub-audible" tone is transmitted. The receiving radio listens for the
P/L tones and opens the squelch when it hears it. If another agency
transmits on the same frequency, they use a different tone to prevent say
Centre County to have to listen to all of Blair County's transmissions.
There is no "information" as such in the tones.

Anyone, please feel free to correct this if there are any errors, or add
to it.

733. Re: off subj: is there a faq list for GMRS?

Newsgroup: rec.radio.scanner
Date: 1994-01-29 14:29:39 UTC
From: bkobb@newsignals.com
Message-ID: <netnewsCKEAxF.948@netcom.com>
Source record: 277377

Thanks Mike N5QAW for posting my GMRS FAQ. I don't know what happened
to the upper case characters.

By the way, my E-mail address has changed from the one shown in the
FAQ.
It is now bkobb@newsignals.com.

The Personal Radio Steering Group now has an audiotext voice-mail info
service where you can press buttons and listen to recordings
to answer questions about the service.

You know, "Press 1 if you just bought a Radio Shack GMRS radio and
want the correct license information," or whatever. It's the same
phone number 313 MOBILE 3.

PRSG is working on getting out the next edition of the National
Repeater Guide and it should be eyeball-popping, with info on
all GMRS repeaters in the U.S.A.

Cheers,
Benn Kobb KC5CW

734. Yupiteru MVT7100 (brand new) for sale $575

Newsgroup: rec.radio.scanner
Date: 1994-01-29 14:30:43 UTC
From: crisp@netcom.com
Message-ID: <crispCKEAz7.IuM@netcom.com>
Source record: 277390
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

I picked up an extra MVT7100 with full coverage while in Japan last week.
It is for sale, is new in the box with all accessories and is $575. Buyer
pays shipping. To all of those who contacted me to get the others,
thanks. This puppy will not last long so get it while you can.
It also includes an English operating manual.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

"one useless man is a lawyer, two lawyers are the first family, and three?
The beginning of the Cabinet" -R. Crisp (apologies to John Adams)

735. SALE 2 MOTOROLA P100s

Newsgroup: rec.radio.scanner
Date: 1994-01-29 15:45:07 UTC
From: "James D. Mason Jr." <jmb2+@andrew.cmu.edu>
Message-ID: <4hGcG3W00iV6M1bsIH@andrew.cmu.edu>
Source record: 277392
Cross-posted to: misc.emerg-services,cmu.cs.market,misc.forsale,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap,cmu.misc.market,cmu.student.amateur-radio

My organization, Carnegie Mellon University Emergency Medical
Services is selling 2 Motorola P-100s V2 VHF handhelds. The freq. range
is 150.8 to 162 They have 1 watt(Low) and 5(High) watt outputs. Each
radio has 2 channels, with digital private line, duckie flex antenna, 1
battery that is 6 months old and another battery that is 2 months old.
Each radio comes with a holster to put on ones' belt. The radios were
purchased 4/16/91, I still have the original invoice. These radios are
presently in service and all in fine working condition. The only work
performed on these radios has been reprogramming. Each radio
set(radio,charger, holster,2
batteries) is going for $300 each. You can buy one or two.
In addition, we have 5 earphones specially designed for the P100.
These earphones are 10 months old. Each earphone is being sold for $20.
These radios are not in bad shape or worn-out by any stretch of the
imagination. We are being offered a chance to upgrade.

Any questions call 412-862-2815 or email me at jmb2@andrew.cmu.edu

---
James Mason Jr. NREMT-National Registered Emergency Medical
Carnegie Mellon University Technician
-Navy ROTC American Heart Association CPR Instructor
-Emergency Medical Services Pennsylvania EMT-MAST
OPERATIONS MANAGER

Problems: jmb2+@andrew.cmu.edu
"Doctors practice medicine, EMTs have to get it right the first time!"
---

736. Scanner Antennas

Newsgroup: rec.radio.scanner
Date: 1994-01-29 17:20:16 UTC
From: rflood@cis.umassd.edu
Message-ID: <CKEItt.B3z@umassd.edu>
Source record: 277391

We have about 3 Pre-Cable TV Antennas installed on our roof and and attick (sp??). I would like to connect them to my Pro-43 to increase the range. Has anyone done this? I'm just looking for a little info before I try it.

Anything special I should do?

Anything I should watch out for?

How much good will it do?

This is just for occasional use. I don't have any plans on connecting it all the time. If anyone has any expeirence doing this i would appreciate any info.

Thanks in Advance!!!!
-Rich--

==========
/---\ Richard M. Flood
| O O | rflood@cis.umassd.edu
------oOO--U--OOo------ rflood@umassd.edu
Always Expose, Explain,and Explore, ==========
that which is forbidden!

737. Re: Question on PRO-43 Mod

Newsgroup: rec.radio.scanner
Date: 1994-01-29 20:04:16 UTC
From: ah301@yfn.ysu.edu
Message-ID: <ah301-290194160336@129.228.248.119>
Source record: 277402

In article <MCRoss-280194124034@s131.stokes.haverford.edu>,
MCRoss@Haverford.edu (Michael Ross) wrote:

> I have read over the Cellular and Low-Band mods for the PRO-43. I am
> considering these mods, but I have a few questions.
>
>[stuff deleted]

> Secondly, for anyone who has done this mod, what sort of tools should I
> get. Most of my tools are at home (I am at school) so I would probably
> buy new ones at the Shack (cause it's right down the street.) Should I get
> a 15 watt soldering iron, or is a 30 watt small enough. What kind/size
> solder should I use. I have never done much soldering, at least now with
> electronics. Is this out of my league? I can't afford to have a $350
> paperweight with an antenna attatched to it.
>
> Thanks for your help.
>
> Michael

I have all the tools indicated in the mods. In addition, I borrowed
my wife's tweezers, a magnifying glass will GREATLY HELP in identifying
the components. I didn't have one at that time so I just used
my camera lens :) Also, a Soldapult (suction for melted solder) tool
is a MUST. As for the soldering iron, I already have a 30 watt, but
I think smaller watts is better, but what I did was I just unplug it
when it starts to melt solder, and let it cool down for a minute or so,
worked just fine. just make sure the tip is nice and sharp, not blunt.

The most important thing to keep in mind while doing the mods,
"patience is a virtue". don't rush it.

good luck
jerry

738. AR1000XLT vs. MVT-7100 revisited

Newsgroup: rec.radio.scanner
Date: 1994-01-29 20:53:36 UTC
From: mjr@crl.com
Message-ID: <2ieicg$lm4@crl.crl.com>
Source record: 277395

Ok, so I joined the Yupiteru 7100 craze and got one of the critters. I also own an AR1000XLT which while it serves me well (from 30Mhz to 1.2Ghz) was never entirely satisfying. Even without SSB, I would have liked it to have a 1khz minimum step and not 5khz, and an S-meter sure would have made a big difference.

So now that I've played with the Yupiteru I ask myself is there anything the AR1000XLT can do that the MVT-7100 can not? Is there anything good that can be said for the AOR as *compared* to the MVT-7100? The answer is yes with respect to a few small items. Bear in mind that with respect to everything *important* like the ability to really bring in stations throughout its band spread, and resistance to interference of various kinds, the Yupiteru blows the AOR away!

Ok, so what's positive about the AR1000XLT.... A few things...

1) The mode and step settings are *entirely* independent of eachother and the frequency. This has *one* important consequence. When you set the AR1000XLT to an odd frequency (say 850.010Mhz) and ask it to search in 30Khz steps from there, it stops next on 850.040 like it should. The Yup, and others, will not permit you to search an odd step like that but will lock to the next nearest increment frequency starting with .000. The only way to overcome this on the Yupiteru (for really odd start points) is to use the 1khz step (which the AOR does not support).

Further more, you can search the frequencies above in WFM if you want! the Yupiteru will allow only certain steps in certain modes. Yes it is pretty reasonable, but still restricted.

This also means the AR1000XLT supports a true 30Khz step. The MVT-7100 can get to 30 only by stepping in 10s...

2) The AR1000XLT has more flexible scan and search bank joining capabilities. You can scan programmed frequencies in up to 4 banks at a time (or all of them) in the MVT-7100, but with the AR1000XLT you can link any number from none to all 10. The MVT does have a PROGRAM scan (really 1 program) that you can use to join up to 10 frequencies from any one bank across some or all banks, but this isn't as wide open as is the AORs ability in this area.

Not only can you join banks in any sequence (skipping any number as well) with the AOR, but you can also join SEARCH ranges set in different banks as well. The MVT-7100 can only SEARCH *one* range at a time.

3) Both units support only 1 priority frequency. With the Yupiteru, it is always the 1001 frequency (memory 1000) with normal memory ranging from 000 to 999. In the AR1000XLT, *any* frequency in any bank can

become the priority frequency.

4) Marking a frequency to be skipped/bypassed in SCAN or SEARCH mode is a 2 key function in the Yupiteru [FUNC]+[PASS], but a ONE key function (hit the lock key) on the AOR.

5) The *cost* of a new MVT-7100 is 50%-75% higher then the AR1000XLT. Used units have a better ratio. I'm selling my AR1000XLT (I can't afford both unfortunately) for $275, 63% of its new retail cost (and I'm including H. Bornstein's GUIDE as well). By contrast, even *used* Yutiperu's are going for $525 at least, about 78% of their new cost.

Well it isn't much, but that is what I have discovered. If anyone is interested at a VERY GOOD AR1000XLT at a very reasonable price, call me at work: 415 461-6790 x426, or email me here at mjr@crl.com.

--
matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70271,255 Internet: mjr@crl.com

739. Re: off subj: is there a faq list for GMRS?

Newsgroup: rec.radio.scanner
Date: 1994-01-29 23:56:30 UTC
From: jwilkers@news.delphi.com
Message-ID: <2iet3e$jhq@news.delphi.com>
Source record: 277394

reda@gandalf.rutgers.edu (Frank J. Reda) writes:

>I know this is off subject - no flames please...

>Does anyone no where to get more info on GMRS (the other cb
>radio).

Subscribe to the rec.radio.cb newsgroup. The bimonthly faq on there
covers GMRS. igf that info isn't enough, just ask there for info.

740. SCA Receiver

Newsgroup: rec.radio.scanner
Date: 1994-01-30 00:52:15 UTC
From: ah013@yfn.ysu.edu
Message-ID: <2if0bv$c6s@news.ysu.edu>
Source record: 277399

I would like info on where I might obtain a receiver capable of
tuning in the sub carrier channels that TV stations use to broadcast
programs for the blind. Please reply via e-mail. Thanks
Chuck Mareno

741. Yupiteru MVT-8000: Comments?

Newsgroup: rec.radio.scanner
Date: 1994-01-30 05:28:52 UTC
From: telenaut@well.sf.ca.us
Message-ID: <CKFGK5.AL4@well.sf.ca.us>
Source record: 277344

I'm thinking of getting a scanner for my car - something smaller than Pro-2006, but with its reliability, number of channels, and frequency coverage. I've heard good things about the Yupiteru MVT-7100, but fiddling with it while driving seems difficult. My local dealer recommends the Yup MVT-8000, a mobil unit, 6.3" wide by 6.1" deep by 1.75" high, for $500.00 + tax. Is this a good unit at a fair price?

I was considering buying the AOR mobil unit (kin to the AR 1000 and 1500) but I understand the plastic case doesn't properly shield the unit from engine noise. Plus, the manual looked cheesy, and the backlight was weak (inportant for car use). But the size was right.

Any recommendations? Thanks.

742. Wanted AOR AR1000xlt

Newsgroup: rec.radio.scanner
Date: 1994-01-30 13:57:00 UTC
From: Paul.Brzonkala@f239.n109.z1.fidonet.org
Message-ID: <2c6_9401300951@blkcat.fidonet.org>
Source record: 277410

WANTED WANTED WANTED

AOR AR1000xlt wanted to complete listening set. If interested, please feel free to call me at the number below.

(703) 816-7823 I'll call back.

743. Returned mail: Host unknown

Newsgroup: rec.radio.scanner
Date: 1994-01-30 15:20:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <759968548.AA07941@rochgte.fidonet.org>
Source record: 277418

```
* Originally by uucp, 1:2613/333
* Originally to David Stark, 1:2613/333.2
* Originally dated 29 Jan 1994, 12:11

----- Transcript of session follows -----
421 Host nosc.navy.mil not found for mailer tcp.
550 keating@nosc.navy.mil... Host unknown
^^^^^^^^^^^^^^^^^^^^^

To Roger Keating - please recheck your Internet address in your signature
file and correct as needed. Here is a message that I tried to send to you:

----- Unsent message follows -----
Received: from rochgte.UUCP by valhalla.ee.rochester.edu with UUCP
(4.1/2.12ee) id AA02928; Sat, 29 Jan 94 12:05:21 EST Received: by
rochgte.fidonet.org (Fred/1.9q) id AA07809; Sat, 29 Jan 1994 12:03:58 -0500
From: david.stark@rochgte.fidonet.org (David Stark) Reply-To:
david.stark@rochgte.fidonet.org Date: Sat, 29 Jan 1994 09:39:06 -0500
Message-Id: <759863041.AA07809@rochgte.fidonet.org> Subject: What is a scanner
info service? To: keating@nosc.navy.mil

> From: ur-valhalla!manta.nosc.mil!keating (Roger Keating)
> I read your post to rec.radio.scanner.
> I have no idea what a scanner info service is.

> Do you mind explaining to satisfy my curiosity?

Not at all. Scanner information services, or notification services, are
organizations that monitor public safety calls for certain geographic areas
and notify their members when a significant or major event occurs. Some such
services use two-way radio (mostly GMRS) and others send the notification via
alphanumeric pager. There are a number of such services on the coasts, and I
will post a listing of all such services that respond to the survey.

Can you satisfy my curiosity? What does a "Cognitive" engineer do?

Dave, NF2G

===========================================================================
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
===========================================================================
```

744. ***SCannER FoRSaLe***

Newsgroup: rec.radio.scanner
Date: 1994-01-30 15:58:54 UTC
From: roebuck@infi.net
Message-ID: <CKG9q6.609@infi.net>
Source record: 277404
Cross-posted to: wyvern.forsale,alt.radio.scanner,rec.radio.scanner,misc.forsale

SCANNER FORSALE!!!
HANDHELD 0-900MHz REALISTIC PRO-37 HYPERSCAN
PICKS UP ANYTHING FROM AIRCRAFT TO CELLULAR
PHONE CALLS TO CORDLESS PHONE CALLS.

200 CHANNEL WITH LIMIT SELECTION AND PRIORITY
OPTION. UNIT IS LIKE BRAND NEW!!!!
WITH MANUAL.
WILL SELL FOR $230 = SHIPPING.........

--
My Escape From Unresourceful Thought is Illuminated Through
My Knowledge of the Progression on the Enlightened Path.
- S. Timothy Roebuck
>> roebuck@infi.net

745. cellular 30mhz jumps

Newsgroup: rec.radio.scanner
Date: 1994-01-30 17:19:02 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <759968548.AA07942@rochgte.fidonet.org>
Source record: 277419

> In article <888_9401201730@chigate.fidonet.org>,
> jerry.smith@radiohobby.chigate.com (Jerry Smith) writes:

>|> phone channels is 30 khz. So, you aren't missing anything.

> Then I'm confused. My BC200xlt scans like this:

> 870.600
> 870.612

Nothing is "wrong" with your scanner. It just wasn't designed with
cellular scanning in mind. Actual C-phone channels are 30 kHz apart, like
this:

870.030
870.060
870.090
etc

==
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==

746. Questions about air traffic terms

Newsgroup: rec.radio.scanner
Date: 1994-01-30 18:13:56 UTC
From: bjb@petrel.icd.ab.com
Message-ID: <1994Jan30.181356.13461@icd.ab.com>
Source record: 277393

I spent part of my weekend renewing my acquaintance with the airport frequencies at Cleveland Hopkins airport. (Having a PRO-39 certainly beats the analog Patrolman SW-60, although I can no longer receive several closely-spaced frequencies concurrently like I used to ;-).

Anyway, I was reminded of several questions I never bothered to answer. Sometimes when pilots are receiving instructions, they get something like 'contact xxxx, 126.7, squawk 5.' What does the "squawk" signify?

Also, occasionally, I hear commercial airliners give their designation as something like 'United 564 heavy.' My observation is that these are usually large aircraft, but I wondered what 'heavy' designates. Is this a plane loaded past a certain percentage of its capacity, or too big to use certain runway lengths, or what?

Best two exchanges of the day were:
1) a pilot asking permission to push back on a ramp that was cramped because it also being plowed at the time. Ramp control: "OK, push back but don't block gate 18--he's next out." Pilot: "Roger, don't block Charlie-18. If the driver does, we'll kill him." Laughter from ramp control.

2) another pilot calling for a pushback for the second time, upset that there was no ground crew anywhere on the ramp. The tower answered, "He's under your nose; there's a guy waving at you right now."
"Oh... Roger."

Anybody interested in the Hopkins frequencies I have can send e-mail.
--
Bradley J. Bittorf|"I'll go round people up. I'd rather truncate them, but
Allen-Bradley Co. | I'll round 'em up." --David J. Bauer, expressing his
(216) 646-4629 | frustration about the late start of a meeting, 26 Jan 1989
bjb@icd.ab.com |

747. FCC Database Online For Calif.

Newsgroup: rec.radio.scanner
Date: 1994-01-30 18:55:25 UTC
From: daryl@tcomeng.com
Message-ID: <2igvqt$ov2@tcomeng.tcomeng.com>
Source record: 277411
Cross-posted to: rec.radio.scanner,alt.radio.scanner,ba.broadcast,rec.radio.amateur.misc

We're experimenting with providing free public-access to our Informix database of FCC license information for radio transmitters located in California. The information should be accurate as of 09/30/93. More than 300,000 records are on file. Microwave, satellite, broadcast, and cellular records are included as well as business and public safety.

Telnet to: tcomeng.com
Login: fcc (no password)

VT-100 terminal terminal emulation is required. If there is enough interest, we will enhance the query interface and support other terminal types. You will need to carefully read the introduction in order to successfully use the database.

This service is provided in the public interest by Telecommunications Engineering Associates of South San Francisco, California. Send comments to fcc@tcomeng.com.
--
Daryl Jones daryl@tcomeng.com
Telecommunications Engineering Associates {decwrl}!tcomeng!daryl
South San Francisco, California Phone: (415) 871-4200

748. More ski freqs wanted in PA

Newsgroup: rec.radio.scanner
Date: 1994-01-30 19:23:56 UTC
From: c002@ns1.cc.lehigh.edu
Message-ID: <1994Jan30.192356.99581@ns1.cc.lehigh.edu>
Source record: 277412

I'm looking for Blue Mountain ski hill freq! weather it be ski patrol, or just mantanence! <perferable as many as posible!>

Thanks

DAvid
--

:)**(:
** ** The Flying HAm **
** David Roseman ** c002@lehigh.edu **
** ** **
** Cole's Law: ** Les Boules Qui Roulet **
** Thinly sliced Cabbage ** Toutes Les Poules!! **

749. Michigan FIRENET

Newsgroup: rec.radio.scanner
Date: 1994-01-30 21:35:00 UTC
From: John.Morrison@f239.n109.z1.fidonet.org
Message-ID: <fcc_9402121931@blkcat.fidonet.org>
Source record: 277398

Well scanner freaks and fire buffs in Michigan here's what you've been waiting for: The Fire Notification Network of Michigan. For a minimum amount of fees to cover the costs of this not-for-profit service, you'll receive an alphanumeric pager with pages of major fire and police events in primarily the Metro Detroit area, with some from out-state.

Among events paged: 2nd alarm fires or greater from Detroit, all major fires from the suburbs, major hazmat situations, fire fatalities, mutual aid requests, explosions, and major police events.

Once you have the pager it can be used for personal use as well. In fact some former pager owners have switched to Michigan FIRENET only to find out that they're paying the same now as they were previously paying for standard numeric service without any great features such as scanner events.

If you're interested call Garry at (810) 772-4423 for more information. This line is usually answered from 5pm to 9pm Detroit time. If you call and no one answers, leave a message and you'll be contacted. Or leave a message for me here. This is a great service that's growing and growing. Its very similar to other nets around the country which for the most part have had great success.

Don't delay; with trunking and many, many freqs out there to listen to, you can't catch it all. This is a key to getting much more out of your scanners that would have otherwise been missed.

John M Morrison, Detroit, MI

***
* WinQwk 2.0 a#634 * Captain please, not in front of the Klingons.

750. ICOM Scanners

Newsgroup: rec.radio.scanner
Date: 1994-01-30 22:50:52 UTC
From: ah879@FreeNet.Carleton.CA
Message-ID: <CKGsss.JHF@freenet.carleton.ca>
Source record: 277414

I was wondering if anybody had any info on the ICOM family of scanners: quality and reputation, price range, mods, that type of thing.

751. It's that kinda world

Newsgroup: rec.radio.scanner
Date: 1994-01-30 23:42:07 UTC
From: jkearman@nyx.cs.du.edu
Message-ID: <1994Jan30.234207.15774@mnemosyne.cs.du.edu>
Source record: 277417

While on the road today, I was listening to the police department in Bridgeport, Connecticut, the murder capital of the state. A policeman was dispatched to see a person whose dog had just been eaten by another dog!

I think I'd be nervous about leaving the vehicle on that block.

Good listening (and bon appetite)

Jim Kearman
jkearman@nyx.cs.du.edu

752. CHP FREQS.

Newsgroup: rec.radio.scanner
Date: 1994-01-31 00:33:27 UTC
From: agosta@claris.com
Message-ID: <2ihjkn$gpk@claris.com>
Source record: 277400
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hi:

I would like any info. on CHP Freqs. that I can get. I am currently monitoring
both the Base and mobile freqs. for all of the Bay area, but I only get the
dispatch side of the conversation. I have checked the freqs. through various postings and
also the Bay Area Freq. Directory. Can someone tell me why I only
hear one side of the conversation. I also monitor the handheld/repeater freq.

Thanks,
Keith

753. Re: BC200XLT from Damark

Newsgroup: rec.radio.scanner
Date: 1994-01-31 01:14:03 UTC
From: mike@node_21033
Message-ID: <CKGzFG.FqD@csc.ti.com>
Source record: 277401

Craig Steinberger (stein-c@acsu.buffalo.edu) wrote:
: Has anyone bought the BC200XLT that Damark has for sale? Are they
: reconditioned? And if so, what have your experiences been? I was told by
: a salesman at a local store that these scanners have "intermittent"
: problems that couldn't be found by the repair techs, which is why they
: are being sold cheaply. Is this true?
: -Craig

Yes I own one. It was owned by someone else, but I have no absolute
proof the unit is reconditioned (if they do a good job, you can't tell).
I've been inside of it too. I have owned it about one month and have had
no problems at all.

It was backordered big time, but when they finally got it in they sent it
2nd day air. Got it on a Saturday and had the weekend to play with it.

Oh BTW, that "salesman at a local store". Would it have been Rad Shack
by chance (or soneplace else that sells lots of scanners)?
The person in that store does have a vested interest. :-)
--
****
* Misspelled text? No way, can't be, IMPOSSIBLE. *
* This modem is error correcting! *
****
* Michael H. Haight * mike@sh-gpl.ti.com *
****

754. Request for freqs Kingston Ont Ca?

Newsgroup: rec.radio.scanner
Date: 1994-01-31 01:55:42 UTC
From: roth@news.brandonu.ca
Message-ID: <1994Jan30.195542.6657@news.brandonu.ca>
Source record: 277332

I will be spending the months of Feb and Mar in Kingston, Ontario, Canada and I would like a head start on the freqs used in that area. If anyone has a freq list for the Kingston Ontario Canada area could they please email it to me or post it?
Thanks in advance.
Carl from Sunny Shilo Manitoba.

755. Welcome to rec.radio.info!

Newsgroup: rec.radio.scanner
Date: 1994-01-31 04:00:05 UTC
From: rec-radio-info@ve6mgs.ampr.ab.ca
Message-ID: <rec.radio.info-welcome_759988805@ve6mgs.ampr.org>
Source record: 277421
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.info,news.answers,rec.answers

```
Archive-name: radio/rec-radio-info/welcome
Last-modified: $Date: 1994/01/02 22:00 $
Version: $Revision: 1.06 $

*** Welcome to rec.radio.info! ***

Welcome to rec.radio.info, a group that aims to provide a noise-free source
of information and news for the entire rec.radio hierarchy.

Two introductory articles about rec.radio.info are posted to the group and
to news.answers every two weeks. You are now reading the first article, which
explains what rec.radio.info is, and answers some Frequently Asked Questions.
The second article is titled "Submission Guidelines", and you only need to
read it if you want to submit an article to rec.radio.info.

You can skip to the next section of this article by searching for the next
" -- " string. The sections available are:
- What is the purpose of rec.radio.info?
- Why are messages almost always cross posted to rec.radio.info?
- What is a 'follow-up', and what does 'moderated' mean?
- OK, so now I know what 'moderated' means. Tell me more.
- What type of material is considered inappropriate?
- I do not have access to news, how can I get the information posted to
rec.radio.info?
- Will the material appearing in rec.radio.info be archived somewhere?
- I have a regular posting with timely information, is there a way to
speed up it's delivery, or automate for more convenience?

-- What is the purpose of rec.radio.info?

The purpose or charter of rec.radio.info is to provide the Usenet community with
a resource for information, news, and facts about any and all things radio.

All the other rec.radio groups are intended for discussions and general chit
chat about radio. Rec.radio.info will contain informational, factual articles
only. Follow-ups are redirected to an appropriate other group, and further
discussion (if any) will not take place in rec.radio.info.

In order to ensure that rec.radio.info contains only appropriate articles, it
was decided to create the group as a moderated newsgroup.

-- Why are messages almost always cross posted to rec.radio.info?

It provides a "tag" for each article to be assembled into a filtered
presentation in rec.radio.info (even with cross-posting, only one message, with
```

a unique Message-ID, is propogated across the net). This tag also facilitates a pre-existing method of dropping or cancelling the articles locally within the discussion groups if you don't want to see them. This accommodates individuals who want to separate the bulletins from the discussions, discussions from the bulletins, as well as those who are adamant about not reading another newsgroup and wanted to see everything all in one basket.

With the total size of Usenet (in number of newsgroups and total traffic) doubling every year or so, this is no insignificant contribution to reducing information noise and chaos. Making the discussion groups a catch-all, and making extra newsgroups filters on that catch-all, is also the most realistic way to implement such a scheme (It's not intuitively obvious what the charter, contents, and general appropriate topics for each and every newsgroup are. Seeing FAQ's and charter/intro postings in the home newsgroup is beneficial for new readers).

By cross-posting one only is adding a few tens of bytes to each bulletin (to specify the extra group on the Newsgroups line), but are adding the capability for very powerful filtering features available on most news servers, listservers and readers. Your local news guru could probably explain these features in more detail.

In rn, for example, according to Leanne Phillips in her rn kill-file FAQ, add a line of the form:
/Newsgroups:.*[,]rec\.radio\.info/h:j
either in ~/News/KILL (if you don't want to see rec.radio.info articles anywhere) or ~/News/rec/radio/amateur/misc/KILL (if you don't want to see them just in rec.radio.amateur.misc). The latter method means your kill file will only be consulted during rec.radio.amateur.misc (and hence runs more efficiently), and will probably work for most people.

In nn, according to Bill Wohler in his nn FAQ, add a line of the form:
rec.radio.info:!s/:^
in ~/.nn/kill (if you don't want to see rec.radio.info articles anywhere), or put the following lines:
sequence
rec.radio.info
rec.radio.
at the end of ~/.nn/init in order to see all the rec.radio.info bulletins first, then read the remaining rec.radio.* without the bulletins.

-- What is a 'follow-up', and what does 'moderated' mean?

If you are new to Usenet and are not familiar with the terminology, you might want to read the general introductory articles found in the newsgroup news.announce.newusers. Doing so will make your life on the net much easier, and will probably save you from making silly beginner's mistakes.

If you think that at this moment you are reading an echo, a conference, or a bulletin board, I'd also strongly suggest a trip over to news.announce.newusers.

For the rest of this article, I will assume you have a basic knowledge of Usenet terminology and mechanics.

A moderated group means that any article that needs to be posted to the group has to be accepted by the moderator of the group. Since we need to ensure that followups to an article (discussion) do not show up in the rec.radio.info newsgroup, the `Followup-To:' header line contains a newsgroup that is appropriate for disussions about the specific article.

-- OK, so now I know what 'moderated' means. Tell me more.

Rec.radio.info is a moderated newsgroup, which means that all articles submitted to the group will have to be approved by the moderator first.

The current moderator of the group is Mark Salyzyn. Submissions to rec.radio.info can be posted, or e-mailed to:

rec-radio-info@ve6mgs.ampr.ab.ca

Comments, criticisms, suggestions or questions about the group can be e-mailed to:
rec-radio-request@ve6mgs.ampr.ab.ca

But before you do so, please be sure to check out the "Submission Guidelines" article.

The influence of the moderator should be minimal and of an administrative nature, consisting chiefly of weeding out obviously inappropriate articles, while making sure correct headers etc. are used for the appropriate ones.

-- What type of material is considered inappropriate?

There are three broad categories of articles which will be rejected by the moderator:

1) Requests for information: rec.radio.info is strictly a one-way street. I receive information in my mailbox; I then post it to rec.radio.info. Requests for specific information belong in the normal discussion newsgroups. If your request gets answered, you might consider passing the answer on to rec.radio.info, though. Especially if you can edit it into a informational, rather than a discussion, format.

2) Obvious discussion articles, or articles that appear unsubstantiated.

3) Commercial stuff: a relatively unbiased test of a radio product would be accepted, but any hint of for-profit might be reason for rejection. For three reasons: This is not the purpose of the list, for-profit is a controversial topic, and this list may be passed onto Amateur Packet Radio (where for-profit is prohibited except under certain provisos).

rec.radio.swap (or possibly comp.newprod) may be more deserving of the posting in any matter.

Similarly, copyrighted material generally cannot be used. If it's TRULY worthwhile to the net, I would recommend obtaining permission from the copyright holder. Please note the source, and if permission was given. I

reserve the right to make the final decision concerning appropriateness in all situations. In most cases, a brief summary of, or pointer to, the copyrighted information may be all I can allow.

-- I do not have access to news, how can I get the information posted to rec.radio.info?

brian@UCSD.EDU (Brian Kantor) has kindly supplied a mail list server for rec.radio.info. Non of the articles will be digested, due to their size, so you will receive individual mailings for every article posted to the group.

Mail sent to radio-info@ucsd.edu will be forwarded to the moderator and thus is an alias to rec-radio-info@ve6mgs.ampr.ab.ca

To subscribe and unsubscribe via the listserver; the format for that is

sub address radio-info
unsub address radio-info

where 'address' is your full mailing address. Send this request to

listserv@ucsd.edu

Note that the server will automatically delete any address that bounces mail. If you leave the address portion blank, it will try to deduce your address from the mail headers. This may not work if you are on bitnet, milnet or some other non-Unix host, so it is recommended to put your return address in any case. For example:

sub mymailbox@myhost.mydomain.mil radio-info
or
sub MEMEME01@DMBHST.bitnet radio-info

or something like that.

-- Will the material appearing in rec.radio.info be archived somewhere?

Yes. Still firming up details at the moment but here is a preliminary list:
- unbc.edu as maintained by Lyndon Nerenberg <lyndon@unbc.edu>
- nic.funet.fi maintained by Risto Kotalampi <rko@cs.tut.fi>
saved to /pub/dx/text/rec.radio.info currently stored as numbered files.

Effectively this means that anything you post to rec.radio.info will be permanently stored, so your work will not be lost.

-- I have a regular posting with timely information, is there a way to speed up it's delivery, or automate for more convenience?

Yes, there is! It may take a bit of chatter with the moderator, but we are willing to take responsible people and provide them the means of posting the articles directly from their site. We will try everything we can as we fully realize that DX (distant signal) and astronomical data can be somewhat transitory. We are also willing to allow regular posters of information the same courtesy, even if the information is not as time critical.

We refer to this as self-moderation, which is partly based on the model for news.answer. This requires co-operation and good will to be beneficial to the community in the rec.radio hierarchy.

I suggest reading the posting guidelines for more information. I am open to suggestions.

I thank the following individuals for their input into this article:
rec.music.info moderator Leo Breebaart rec-music-info@cp.tn.tudelft.nl
rec.radio.broadcasting moderator Bill Pfeiffer wdp@gagme.chi.il.us
Paul W. Schleck, KD3FU pschleck@unomaha.edu
Ian Kluft, KD6EUI ikluft@uts.amdahl.com

--
Mark Salyzyn -- Moderator rec.radio.info
Submissions to: rec-radio-info@ve6mgs.ampr.ab.ca
Administrivia to: rec-radio-request@ve6mgs.ampr.ab.ca
* Requests for information do *not* belong in rec.radio.info *

756. Ham Radio FTP area on World

Newsgroup: rec.radio.scanner
Date: 1994-01-31 04:00:07 UTC
From: wy1z@netcom.com
Message-ID: <rec.radio.info-ham.radio.ftp_759988806@ve6mgs.ampr.ab.ca>
Source record: 277341
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.info,rec.radio.scanner

This is a periodic reminder that the Boston Amateur Radio Club maintains an FTP area on world.std.com (192.74.137.5) in pub/hamradio.

This area is accessible via: anonymous ftp, gopher, and World Wide Web (and possibly other methods I'm not yet aware of). World is not *fsp*-able yet (I asked them).

Via Gopher, the easiest path to the area is by selecting the following from World's main menu:

18. Membership and Professional Associations

3. Boston Amateur Radio Club

And go from there...

Please feel free to browse through the area.

If anyone has any questions about it, please do not hesitate to e-mail me.

Also, up-to-date copies of the files on the ARRL's information server (info@arrl.org) are available in the directory pub/hamradio/ARRL/Server-files.

All text files are uncompressed, so they are both retrievable and viewable via Gopher and World Wide Web. (If you have any troubles with any text file, please e-mail me).

Source code for programs is always welcome. It can permit people to use those programs on other computers with other operating systems.

Scott

757. Re: Questions about air traffic terms

Newsgroup: rec.radio.scanner
Date: 1994-01-31 06:15:16 UTC
From: asirene@ntuvax.ntu.ac.sg
Message-ID: <1994Jan31.141516.1@ntuvax.ntu.ac.sg>
Source record: 277403

In article <1994Jan30.181356.13461@icd.ab.com>, bjb@petrel.icd.ab.com (Bradley J. Bittorf) writes:
> I spent part of my weekend renewing my acquaintance with the airport
> frequencies at Cleveland Hopkins airport. (Having a PRO-39 certainly
> beats the analog Patrolman SW-60, although I can no longer receive
> several closely-spaced frequencies concurrently like I used to ;-).
>
> Anyway, I was reminded of several questions I never bothered to
> answer. Sometimes when pilots are receiving instructions, they get
> something like 'contact xxxx, 126.7, squawk 5.' What does the
> "squawk" signify?

Squawk: System to transmit the response frequency from aircraft to answer the inquiring frequency from radar in order to trace the aircraft more clearly on radar. Called a radar identification which is sent via squawk indent by radar operator when such response is required.

>
> Also, occasionally, I hear commercial airliners give their
> designation as something like 'United 564 heavy.' My observation
> is that these are usually large aircraft, but I wondered what
> 'heavy' designates. Is this a plane loaded past a certain percentage
> of its capacity, or too big to use certain runway lengths, or what?

Heavy: Jumbos?

>
> Best two exchanges of the day were:
> 1) a pilot asking permission to push back on a ramp that was cramped
> because it also being plowed at the time. Ramp control: "OK,
> push back but don't block gate 18--he's next out." Pilot: "Roger,
> don't block Charlie-18. If the driver does, we'll kill him."
> Laughter from ramp control.
>
> 2) another pilot calling for a pushback for the second time, upset
> that there was no ground crew anywhere on the ramp. The tower
> answered, "He's under your nose; there's a guy waving at you
> right now."
> "Oh... Roger."
>
> Anybody interested in the Hopkins frequencies I have can send e-mail.
> --
> Bradley J. Bittorf|"I'll go round people up. I'd rather truncate them, but
> Allen-Bradley Co. | I'll round 'em up." --David J. Bauer, expressing his

> (216) 646-4629 | frustration about the late start of a meeting, 26 Jan 1989
> bjb@icd.ab.com |

73 de 9V Daniel

758. Re: Question on PRO-43 Mod

Newsgroup: rec.radio.scanner
Date: 1994-01-31 06:56:37 UTC
From: mraub@prairienet.org
Message-ID: <2iia35$1er@vixen.cso.uiuc.edu>
Source record: 277405

In a previous article, cscon0151@uoft02.utoledo.edu () says:

>In article <MCRoss-280194124034@s131.stokes.haverford.edu>, MCRoss@Haverford.edu (Michael Ross) writes:
>> I have read over the Cellular and Low-Band mods for the PRO-43. I am
>> considering these mods, but I have a few questions.

I did mod last week. I didn't even try to remove the diode, I just
crushed it into oblivion with the tip of a small pair of needle nose
pliers. Everything works fine.

Diode 1 enables the keylock switch
Diode 2 enables 30-50 MHz reception
Diode 3 enables 54-88 MHz reception
Diode 4 locks out cellular reception
Diode 5 steps cellular bands in 12.5 KHz steps (30 KHz used in US)

Good luck and be careful.

Mike Raub
mraub@prairienet.org
>

759. Re: Questions about air traffic terms

Newsgroup: rec.radio.scanner
Date: 1994-01-31 07:11:47 UTC
From: mraub@prairienet.org
Message-ID: <2iiavj$4jr@vixen.cso.uiuc.edu>
Source record: 277406

In a previous article, bjb@petrel.icd.ab.com (Bradley J. Bittorf) says:

>Anyway, I was reminded of several questions I never bothered to
>answer. Sometimes when pilots are receiving instructions, they get
>something like 'contact xxxx, 126.7, squawk 5.' What does the
>"squawk" signify?
The pilot enters the number ATC gives him after "squawk" on his radar
transponder which allows ATC to indentify him on their radar screens.

>
>Also, occasionally, I hear commercial airliners give their
>designation as something like 'United 564 heavy.' My observation
>is that these are usually large aircraft, but I wondered what
>'heavy' designates. Is this a plane loaded past a certain percentage
>of its capacity, or too big to use certain runway lengths, or what?
You are right. Planes designated as "heavy" are usually widebodies-
747, 767, DC-10 etc. An important reason to designate a very large
plane as "heavy" is that they can create so much turbulence in their
wakes that a smaller plane can lose control if they get too near.

Mike Raub
mraub@prairienet.org

760. Re: CHP FREQS.

Newsgroup: rec.radio.scanner
Date: 1994-01-31 07:17:35 UTC
From: drw@esl.com
Message-ID: <drw-300194231426@macm402.esl.com>
Source record: 277407

In article <2ihjkn$gpk@claris.com>, agosta@claris.com (Keith Agosta) wrote:

> Hi:
>
> I would like any info. on CHP Freqs. that I can get. I am currently monitoring
> both the Base and mobile freqs. for all of the Bay area, but I only get the
> dispatch side of the conversation. I have checked the freqs. through various postings and also the Bay Area Freq. Directory. Can someone tell me why I only
> hear one side of the conversation. I also monitor the handheld/repeater freq.
>
> Thanks,
> Keith

How's your antenna? The base radios are typically high level (antennas on the hills, etc), and very strong no matter what you're listening with. The mobiles, by contrast, are relatively weak by comparison. So monitoring requires not only some height, but a bunch of metal up in the sky as well (like a good multi-band antenna).

--
Dave Waters WA6AWZ
ESL Inc.
drw@esl.com

761. Re: cellular 30mhz jumps

Newsgroup: rec.radio.scanner
Date: 1994-01-31 07:25:19 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Jan31.022519.1@uoft02.utoledo.edu>
Source record: 277408

In article <1994Jan25.154945.21844@cbmnews.commodore.com>, dean@cygnuscommodore.com (Jeff Dean) writes:
> In article <888_9401201730@chigate.fidonet.org>, jerry.smith@radiohobby.chigate.com (Jerry Smith) writes:
> |> Hi, Cali...
> |> Do you mean 30 khz intervals? The typical channel spacing for cellular
> |> phone channels is 30 khz. So, you aren't missing anything.
> |>
> |> Jerry...Chicago
>
> Then I'm confused. My BC200xlt scans like this:
>
> 870.600
> 870.612
> 870.625
> 870.637
> 870.650
> 870.662
> 870.675
> 870.687
> 870.700
>
> That looks to me to be 12.5khz spacing. What's wrong?
>
> ==========
> | |\ /| Commodore Technology |
> | 'O O` Jeffrey Dean 1200 Wilson Drive |
> | > v < Manager, Design Assurance West Chester, PA 19380 |
> | ^ dean@commodore.com |
> ==========
--Your BC-200,unfortunatly,only searches 800 in 12.5khz steps!It's not supposed to do it correctly,Uniden didn't make it the right way.You will hear MOST of the calls but some will be distorted and you will miss a FEW(not too many)due to the wrong spacing.If you want the ultimate in handheld cellular,get a pro-43 mail order,not from your local RS(you save about $75).

Barry Felstein,N8PVX,using the acct of:
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

762. Ann Landers asks Cellular"EXPERT?"

Newsgroup: rec.radio.scanner
Date: 1994-01-31 07:35:44 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Jan31.023544.1@uoft02.utoledo.edu>
Source record: 277409

There was something in Ann Landers(Im pretty sure,it might have been Abby)
in the Saturday paper that everybody should find amusing:

Some guy wrote in that he was "repairing"a friends scanner and he wanted Ann
to alert her readers that "everything you say on a cordless phone or cellular
phone is broadcast over a wide area"Well,Ann called an "EXPERT"who worked
for a CELLULAR PH.comp and she stated that a scanner could only pick up one
side of a conversation!OK!!!!!I guess the phone companies will say anything
rather than admit that cellphones arent private in any way!I got a good laugh
out of it!!

Barry Felstein N8PVX,using the acct of:
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

763. Questions about air traff

Newsgroup: rec.radio.scanner
Date: 1994-01-31 13:49:00 UTC
From: larry.nebron@pcgfx.com
Message-ID: <e7.1064.2508.0NE70FD3@pcgfx.com>
Source record: 277413

B>Message-ID: <1994Jan30.181356.13461@icd.ab.com>
>Newsgroup: rec.radio.scanner
>Organization: Allen-Bradley Company, Inc.

B>I spent part of my weekend renewing my acquaintance with the airport
>frequencies at Cleveland Hopkins airport. (Having a PRO-39 certainly
>beats the analog Patrolman SW-60, although I can no longer receive
>several closely-spaced frequencies concurrently like I used to ;-).

B>Anyway, I was reminded of several questions I never bothered to
>answer. Sometimes when pilots are receiving instructions, they get
>something like 'contact xxxx, 126.7, squawk 5.' What does the
>"squawk" signify?
Squawk is the transponder code assigned by ATC. 0,1,2,3,4,5,6,7.
Transponder codes are four numbers.

B>Also, occasionally, I hear commercial airliners give their
>designation as something like 'United 564 heavy.' My observation
>is that these are usually large aircraft, but I wondered what
>'heavy' designates. Is this a plane loaded past a certain percentage
>of its capacity, or too big to use certain runway lengths, or what?
Heavy is any aircraft giving a wake tubulance of 300,000 pounds or
greater. B747,B767,B707,DC8,DC10,MD11.AB300,AB310,AB340,IL66 did I miss
any commercial aircraft.

The most interesting activity is the operation frequencies from 128.5 to
131.95.
---
* QMPro 1.50 41-2745 * Danger: Shortwave listening is habit forming!

764. Re: FCC Database Online For Calif.

Newsgroup: rec.radio.scanner
Date: 1994-01-31 16:04:09 UTC
From: hatunen@netcom.com
Message-ID: <hatunenCKI4Mx.4HD@netcom.com>
Source record: 277343
Cross-posted to: rec.radio.scanner,alt.radio.scanner,ba.broadcast,rec.radio.amateur.misc

In article <2igvqt$ov2@tcomeng.tcomeng.com> daryl@tcomeng.com (Daryl Jones) writes:
>We're experimenting with providing free public-access to our Informix
>database of FCC license information for radio transmitters located in
>California. The information should be accurate as of 09/30/93. More
>than 300,000 records are on file. Microwave, satellite, broadcast, and
>cellular records are included as well as business and public safety.
>
>Telnet to: tcomeng.com
>Login: fcc (no password)
>
>VT-100 terminal terminal emulation is required. If there is enough
>interest, we will enhance the query interface and support other
>terminal types. You will need to carefully read the introduction in
>order to successfully use the database.
>
>This service is provided in the public interest by Telecommunications
>Engineering Associates of South San Francisco, California. Send comments
>to fcc@tcomeng.com.

I did not see any introduction to carefully read.

What I was hoping for was antenna locations. Are these available in the
database?

--
********** DAVE HATUNEN (hatunen@netcom.com) **********
* Daly City California: *
* where San Francisco meets The Peninsula *
* and the San Andreas Fault meets the Sea *
****

765. vinyl case for MVT-7100 where to buy?

Newsgroup: rec.radio.scanner
Date: 1994-01-31 16:17:04 UTC
From: mjr@crl.com
Message-ID: <2ijau0$368@crl.crl.com>
Source record: 277342

Hello... I've called 3 scanner stores across the U.S. looking to order the vinyl case for the MVT-7100, and none of the stores I've called even stocks the radio! Scanners Unlimited in San Carlos CA. has them, but they are out of stock. I suppose I could call Radio Lorenz in Montreal, but I'd like to find a source closer to home (central California) if possible.

Does anyone have any suggestions? Where could I order the case and get it shipped second-day for a reasonable rate?

Thank you

--
matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70271,255 Internet: mjr@crl.com

766. Police Codes

Newsgroup: rec.radio.scanner
Date: 1994-01-31 16:21:00 UTC
From: demp@saucer.cc.umr.edu
Message-ID: <1994Jan31.162100.7485@umr.edu>
Source record: 277415

Hey does anyone have the police codes i.e. a 5150 is a crazy person. If you do can you e-mail them to Demp@umr.edu

Thanks.

767. ?? 30khz ?? -- step size in 800Mhz on BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-01-31 16:31:07 UTC
From: dean@cygnuscommodore.com
Message-ID: <1994Jan31.163107.25408@cbmnews.commodore.com>
Source record: 277416

```
|> The typical channel spacing for cellular
|> phone channels is 30 khz. So, you aren't missing anything.
|>
|> Jerry...Chicago

Then I'm confused. I've seen a BC200xlt stepping like this:

870.600
870.612
870.625
870.637
870.650
870.662
870.675
870.687
870.700

That looks to me to be 12.5khz spacing. What's wrong?

================================================================================
| |\ /| Commodore Technology |
| 'O O` Jeffrey Dean 1200 Wilson Drive |
| > v < Manager, Design Assurance West Chester, PA 19380 |
| ^ dean@commodore.com |
================================================================================
```

768. Re: Ann Landers asks Cellular"EXPERT?"

Newsgroup: rec.radio.scanner
Date: 1994-01-31 16:44:04 UTC
From: bmiller@landesk.intel.com
Message-ID: <2ijcgl$bpi@ornews.intel.com>
Source record: 277347

In article <1994Jan31.023544.1@uoft02.utoledo.edu> cscon0151@uoft02.utoledo.edu writes:
>There was something in Ann Landers(Im pretty sure,it might have been Abby)
>in the Saturday paper that everybody should find amusing:
>
>Some guy wrote in that he was "repairing"a friends scanner and he wanted Ann
>to alert her readers that "everything you say on a cordless phone or cellular
>phone is broadcast over a wide area"Well,Ann called an "EXPERT"who worked
>for a CELLULAR PH.comp and she stated that a scanner could only pick up one
>side of a conversation!OK!!!!!I guess the phone companies will say anything
>rather than admit that cellphones arent private in any way!I got a good laugh
>out of it!!
>
>Barry Felstein N8PVX,using the acct of:
>Brad Steinman, N8ZRP
>The University of Toledo
>Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
> stu0105@uoft01.utoledo.edu (131.183.1.2)
>* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

In theory, there is SOME truth to this. Cell towers receive from the
mobile station and transmit the othe side of the communication back to the
mobile. I'm sure you have heard conversations where only one side is
audible. The only reason you can hear the mobile side of the call is
because of SIDETONE (or BATTERY as it used to be called). This is just
the audio that is fed back to the earpiece so you can hear your voice on
the line. This is done so you have some feedback on whether you are
speaking loud enough. SO in theory, the cell tower doesn't REBROADCAST
the mobiles audio, it just happens because of the sidetone built into the
switching office equipment.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

769. Re: FCC Database Online For Calif.

Newsgroup: rec.radio.scanner
Date: 1994-01-31 17:26:07 UTC
From: tweek@netcom.com
Message-ID: <tweekCKI8FK.5xr@netcom.com>
Source record: 277420
Cross-posted to: rec.radio.scanner,alt.radio.scanner,ba.broadcast,rec.radio.amateur.misc

In article <hatunenCKI4Mx.4HD@netcom.com> posted to the Usenet Newsgroup(s)
rec.radio.scanner,alt.radio.scanner,ba.broadcast,rec.radio.amateur.misc
hatunen@netcom.com (DaveHatunen) writes:
>
>I did not see any introduction to carefully read.
>
>What I was hoping for was antenna locations. Are these available in the
>database?

I too was hoping for a little different implementation. I noticed that
you must exactly match the Licensee name (MC DONALDS REST works whereas
MC DONALDS does not work) as it is in the licensee field.

I suspect that this is just an early version of the software and it is
still being revised. If this is so, a couple of features I would like
to see would be a secondary search criteria (do you know how many licensee's
there are for 154.6) such as city, zipcode, and maybe partial matches of
the licensee.

I do however realize that you (tcomeng) are providing a service and asking
nothing in return (cept name recognition). Thank you for providing this
lookup service.

tweek@netcom.com tweek@tweekco.uucp WWIVNet 1@511 DoD #MCMLX
I'd rather get my cable service from the phone company,
than my phone service from the cable company.

770. Re: Recorder Recommendations ????

Newsgroup: rec.radio.scanner
Date: 1994-01-31 17:44:34 UTC
From: roth@news.brandonu.ca
Message-ID: <1994Jan31.114434.6666@news.brandonu.ca>
Source record: 277354
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <2i7f7k$6tm@ionews.io.org>, gesman@ionews.io.org (Gleb Esman) writes:
> In article <CJxstH.MAo@umassd.edu>,
> Richard M. Flood <rflood@cis.umassd.edu> wrote:
>>Does anyone have any recommendations for a voice activated recorder.
>
> I planning to purchase Sony model with time stamp. I was told, that
> it records time in a digital format on tape, so that one will see the time
> recording was started. I saw this recorder in a local store.
> It small, looks nice and not much expensive. I do not remember exact model
> number, but I found only one from Sony, that actually voice activated with
> time stamp.

I like the idea of digital recording and time stamp also but when I checked into Sony recorders they all had mic inputs for powered mics and I was not sure how that would effect just pluging good old audio into them. Instead Santa brought ne a Radio Shack with VOX (works with cable to mic input) and variable speed and pitch play back. It
uses standard cassetts and has a built in mic etc. I have been using it with good success to date. Sorry but I can't remember the model number and it seems that Radio Shack has a different catalogue here in Canada (usually less selection).
Hope this helps.

Carl from Sunny Shilo Manitoba.

771. Freq Range of 43/46/BC200

Newsgroup: rec.radio.scanner
Date: 1994-01-31 17:45:36 UTC
From: nick+@pitt.edu
Message-ID: <nick+.1110425976E@usenet.pitt.edu>
Source record: 277422

People:

The following are frequencies of unmodified 43 and 46 - can someone
tell me what they are for the BC200?

-- Nick

Pro 46
======

Frequencies:

029-054
108-136
137-174
406-512
806-956

Pro 43
======

Frequencies:

034-054
118-174
220-512
806-823
851-868
896-999

_/ _/ _/ _/_/_/ _/ _/ Sea Shells to C shells, Waikiki to
_/_/ _/ _/ _/ _/ _/_/_/ the Internet, a wave, is a wave...
_/ _/_/ _/ _/ _/ _/
_/ _/ _/ _/_/_/ _/ _/ CompSrv: 71232,766 I-Net: Nick+@pitt.edu

772. Re: vinyl case for MVT-7100 where to buy?

Newsgroup: rec.radio.scanner
Date: 1994-01-31 17:53:04 UTC
From: schuster@panix.com
Message-ID: <2ijgi0$3r2@panix2.panix.com>
Source record: 277352

In article <2ijau0$368@crl.crl.com>, Matthew Rapaport <mjr@crl.com> wrote:
>Hello... I've called 3 scanner stores across the U.S. looking to order the
>vinyl case for the MVT-7100, and none of the stores I've called even
>stocks the radio! Scanners Unlimited in San Carlos CA. has them, but they
>are out of stock. I suppose I could call Radio Lorenz in Montreal, but
>I'd like to find a source closer to home (central California) if possible.
>
>Does anyone have any suggestions? Where could I order the case and get
>it shipped second-day for a reasonable rate?

Since Yupiteru does not have a US distributor, it is unlikely you'll find
any accessories for sale in the USA. Radio Lorenz, or Javiation UK have
the cases. Javiation also sells a custom made LEATHER case which is much
more durable.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

773. Re: vinyl case for MVT-7100 where to buy?

Newsgroup: rec.radio.scanner
Date: 1994-01-31 17:55:54 UTC
From: schuster@panix.com
Message-ID: <2ijgna$41k@panix2.panix.com>
Source record: 277423

In article <2ijau0$368@crl.crl.com>, Matthew Rapaport <mjr@crl.com> wrote:
>Hello... I've called 3 scanner stores across the U.S. looking to order the
>vinyl case for the MVT-7100, and none of the stores I've called even
>stocks the radio! Scanners Unlimited in San Carlos CA. has them, but they
>are out of stock. I suppose I could call Radio Lorenz in Montreal, but
>I'd like to find a source closer to home (central California) if possible.
>
>Does anyone have any suggestions? Where could I order the case and get
>it shipped second-day for a reasonable rate?

Postscript to my previous post on this.
Design Eq in California (i.e. Howard Bornstein) sells the Javiation
leather case. Since you're on CompuServe, stop into Hamnet and leave him a
message. It'd probably be faster than ordering it from overseas, unless
you're stuck on the vinyl case.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

774. Searching Military Air Freqs

Newsgroup: rec.radio.scanner
Date: 1994-01-31 18:20:21 UTC
From: scott@redstorm.nawc-ad-indy.navy.mil
Message-ID: <9401311820.AA03412@cs.utexas.edu>
Source record: 277424

Does anyone have any tips for searching through the military air band (225-400MHz)? I just bought a PRO-2006 and I don't have any specific mil-air freqs for my area (Indianapolis, IN). I have tried searching through areas 15-20MHz wide at a time. Should I break it up into smaller banks while searching? Wider banks? Maybe I just need some more patience.

I'm planning on purchasing the HB-232 computer-scanner interface, but that's a ways down the road. Until then, I'd like to hear some mil-air stuff. I did manage to get my local national guard freqs from a UH-1 Huey during our town's fall festival (copied them off the control panel).

Any help is greatly appreciated.

| Scott Richardson |
| scott@redstorm.nawc-ad-indy.navy.mil |
| 72237.2420@compuserve.com |

775. Re: Questions about air traffic terms

Newsgroup: rec.radio.scanner
Date: 1994-01-31 18:40:28 UTC
From: reece@eco.twg.com
Message-ID: <2ijjas$i87@scoop.eco.twg.com>
Source record: 277325

In article <1994Jan30.181356.13461@icd.ab.com>, bjb@petrel.icd.ab.com (Bradley J. Bittorf) writes:
|>I spent part of my weekend renewing my acquaintance with the airport
|>frequencies at Cleveland Hopkins airport. (Having a PRO-39 certainly
|>beats the analog Patrolman SW-60, although I can no longer receive
|>several closely-spaced frequencies concurrently like I used to ;-).
|>
|>Anyway, I was reminded of several questions I never bothered to
|>answer. Sometimes when pilots are receiving instructions, they get
|>something like 'contact xxxx, 126.7, squawk 5.' What does the
|>"squawk" signify?

The squawk code is a four digit octal number which is used to uniquely identify an aircraft within a given airspace. The secondary radar polls the transponder, which then replies with the squawk code (mode 'A') and the aircraft's current altitude (mode 'C').

|>Also, occasionally, I hear commercial airliners give their
|>designation as something like 'United 564 heavy.' My observation
|>is that these are usually large aircraft, but I wondered what
|>'heavy' designates. Is this a plane loaded past a certain percentage
|>of its capacity, or too big to use certain runway lengths, or what?

The official designation of 'heavy' refers to aircraft capable of takeoff weights of 300,000 pounds or more. There are a lot of reasons for the use of the 'heavy' designation, but one of the most important is for wake turbulance avoidance.

When an aircraft wing generates lift, it also generates a vortex at each wingtip. In general, the heavier the aircraft, the greater the strength of the vortex. The vortex of a 'heavy' aircraft can be strong enough to flip a smaller aircraft several miles behind it. Knowing you are following a 'heavy' aircraft alerts you to the possibility of severe wake turbulance, and requires a greater following distance.

Recently the NTSB and the FAA have determined that the Boeing 757 generates a tremendous vortex, even though it is not a 'heavy' class aircraft. This vortex is strong enough to have caused an uncommanded roll of 30 degrees or more in a Boeing 737 5 miles behind the 757. A recent bizjet crash has been traced to the wake turbulance of a 757 ahead of it. A notice to all pilots was recently mailed by the FAA warning of this, and ATC is providing greater separation between 757s and other aircraft. If you hear ATC announce "Caution, wake turbulance, a non-heavy Boeing 757 nn miles ahead", this is the reason.

776. Re: Freq Range of 43/46/BC200

Newsgroup: rec.radio.scanner
Date: 1994-01-31 18:41:12 UTC
From: cab@col.hp.com
Message-ID: <2ijjc8$of9@hp-col.col.hp.com>
Source record: 277326

> The following are frequencies of unmodified 43 and 46 - can someone
> tell me what they are for the BC200?

No, but I can tell you what MY unmodified 43 receives (or claims to):

YOUR Pro 43 MY Pro-43
Frequencies: Frequencies

034-054 30-54
118-174 118-174
220-512 220-512
806-823 806-823.9375
851-868 851-868.9375
896-999 896-999.9875

Maybe you just left off the .9x75 as a convenience in referring to those ranges, but that's almost a whole MHz each time - hardly fair to the 43. Don't know what happened on the VHF low - maybe a misprint, maybe you got some bad information. Or maybe it varies with the age of the unit?

Just thought I'd be excruciatingly accurate (there's a term for this) for those who like it that way...

777. Re: DTMF Decoders - Where?

Newsgroup: rec.radio.scanner
Date: 1994-01-31 18:56:07 UTC
From: mike@hermes.louisville.edu
Message-ID: <2ijk87$852@hermes.louisville.edu>
Source record: 277327

r_egeland@cc.colorado.edu (RYAN EGELAND) writes:

>Other than soundblaster, are there any cheap DTMF decoders around? Where do
>you find them? I know there is test equipment available for around $300 that
>will do the job, but that's more than my scanner!!! Anyone have any
>creative/cheap ideas (besides recording and then trying to compare by pressing
>buttons on the telephone ;-)).

If you are so inclined or would like to learn about electronics, a DTMF decoder can be built pretty cheaply nowadays. It depends on how "full-featured" you want it to be. If you just want a single digit display that shows the last digit heard, that can be done for about $20. If you want features like counting 7-10 digits, memory functions, etc., you need a microcontroller, the DTMF chip, some switches and a display. You also need the software for doing the development and some patience. I have done this and found it to be great fun. You may not. I don't know how electronically inclined you are.

There is an outfit that advertises a cheap DTMF decoder in Monitoring Times. You may check them as well. I think they call themselves MoTron or somesuch.

Hope this helps.

Mike Harpe, N4PLE
University of Louisville
--
Michael Harpe, Programmer/Analyst Information Technology
mike@hermes.louisville.edu University of Louisville
(502) 852-5542 Louisville, Ky. 40292
"He's not a man, he's a remorseless eating machine!" - The Simpsons

778. Re: Police Codes

Newsgroup: rec.radio.scanner
Date: 1994-01-31 19:50:22 UTC
From: rflood@cis.umassd.edu
Message-ID: <CKIF3z.47q@umassd.edu>
Source record: 277355

In <1994Jan31.162100.7485@umr.edu> demp@saucer.cc.umr.edu (Dempsey Rollins) writes:

>Hey does anyone have the police codes i.e. a 5150 is a crazy person. If
>you do can you e-mail them to Demp@umr.edu

Could you also post it. I have been running into the same problems. I
have the Mass. edition of scanner master, but all thet list is the 10
codes. My local police dept uses codes like 6-XX, 45-XX, 46-XX, ect ..
The 45-XX codes seem to be the same, but the other codes don't make
any sense.

-Rich

--

============================
/---\ Richard M. Flood
| O O | rflood@cis.umassd.edu
------oOO--U--OOo------ rflood@umassd.edu
Always Expose, Explain,and Explore, ============================
that which is forbidden!

779. Re: Questions about air traffic terms

Newsgroup: rec.radio.scanner
Date: 1994-01-31 19:53:13 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2ijnj9$4qs@slinky.cs.nyu.edu>
Source record: 277357

```
|> >What does the "squawk" signify?
|> The pilot enters the number ATC gives him after "squawk" on his radar
|> transponder which allows ATC to indentify him on their radar screens.

I was amazed the first and only time I've seen the transponder in use in
flight. I was flying with a friend in a Cessna 172 into Allentown-Bethlehem.
He called approach and estimated we were 12 miles out. ATC came on and told
him to "squawk with ident". He dialed up the digits on these four side by
side rotary knobs and pushed in a little button that read "ident" on it.
Before he could get his finger off the button, ATC came on and said, "okay,
cessna blah blah blah, we show you 17 miles out to the south east" and
started with the heading and alititude directions to walk us in. That's
quick.

If you ever watch public television, I think NOVA did an episode on keeping
sanity in America's skies. Good episode. A little dated by now, I'm sure,
but the technology seemed current enough to get a feel for what ATC's go
through today.

Now that you know what squawk means, you have a better idea of what happened
about five to eight years ago when we shot down the Libyan passenger plane.

We had ships over there that bragged about being able to pick up a basketball
from 1,000 miles offshore... and about being able to pick what rowhouse a
missle will hit that will destroy half a city. Well, as the airliner was
cruising north across the Mediterranean, we sent out a code that tells the
airplane's transponder to auto-identify.

It's still up in the air, but some people say that our ship picked up the
ident from Libyan jet fighters on the ground some 100 miles past the airliner.
However, our ship's computers identified the airliner as the fighter and we
creamed it. Others say Libyans don't know how to use transponders and had the
computers set in the airliner to identify the plane as a fighter. Too bad the
flight path was directly towards and over our ship.

Also, the made for t.v. movie about when our Pan Am airship was destroyed
over Lockerbie showed some pretty interesting scenes of London ATC where
they hand off planes to whoever controls the Atlantic.

"I'm getting multiple returns!"

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend
```

780. Re: It's that kinda world

Newsgroup: rec.radio.scanner
Date: 1994-01-31 20:10:10 UTC
From: jqtaylor@boi.hp.com
Message-ID: <CKIG0y.KIq@boi.hp.com>
Source record: 277328

Jim Kearman (jkearman@nyx.cs.du.edu) wrote:

: While on the road today, I was listening to the police
: department in Bridgeport, Connecticut, the murder capital
: of the state. A policeman was dispatched to see a person
: whose dog had just been eaten by another dog!
: ...

While on the road... (great topic!)
I heard the other day an ambulance call for a woman who had been putting
eye make-up on and by accident used superglue...

"An intelligent chess computer would ask, `Why does White always go first?'"
jqtaylor@hpdmd48.boi.hp.com John P. "Quill" Taylor Writer at Large
"When in doubt, do as doubters do." -jqt
__Catch & Release___73s___Sonata in G___Scotch Gambit___C-spine 1972__Szia__

781. Re: FCC Database Online For Calif.

Newsgroup: rec.radio.scanner
Date: 1994-01-31 20:28:41 UTC
From: jholly@cup.hp.com
Message-ID: <CKIGvt.4zw@cup.hp.com>
Source record: 277373
Cross-posted to: rec.radio.scanner,alt.radio.scanner,ba.broadcast,rec.radio.amateur.misc

Michael D. Maxfield (tweek@netcom.com) wrote:

: I too was hoping for a little different implementation. I noticed that
: you must exactly match the Licensee name (MC DONALDS REST works whereas
: MC DONALDS does not work) as it is in the licensee field.

of all the things to listen to on a scanner, I still am trying to figure
out why some one would want to listen to "that's a big Mac, ...". Watching
paint dry must really make some people wet thier pants.

782. Police Codes

Newsgroup: rec.radio.scanner
Date: 1994-01-31 20:30:35 UTC
From: anapra@netcom.com
Message-ID: <anapraCKIGz0.2zL@netcom.com>
Source record: 277360

Hello All,

I am interested in finding out the codes that U.S. police officers are using when speaking to one another. Specifically in San Diego, CA (assuming they vary by district). Can anyone suggest a guide that might list such codes and their meanings.....

Thanks in advance

John Penn II
--

John Penn II - ANAPRA Computer Consultants
Internet: anapra@netcom.com
AppleLink: D3678
America Online: ANAPRA

[Meteors dont fall on the earth. They fall on the sun and the earth gets in the way... From Arthur C. Clarke's - The Hammer Of God]

783. Mods for the BC100xlt

Newsgroup: rec.radio.scanner
Date: 1994-01-31 20:31:24 UTC
From: sdevine@camelot.bradley.edu
Message-ID: <sdevine.760048232@camelot>
Source record: 277329

I heard that there were mods posted for the 100xlt a while back. I musta missed them.. I have a mod for adding 100 channels and a mod for a new resonator that doubles the scan rate.. Does anyone have any experience with these mods? I ask because one of the parts listed doesn't match what is in my 100xlt.. Also, is there a way to add the 800mhz unit of the 200xlt to the 100xlt? Any help appreciated and if those mods that were posted could be emailed or reposted, I'd be grateful.

--
--
_ /// Scott Devine (sdevine@camelot.bradley.edu)
\\///\ --
\//--\miga! Nuclear war would really set back cable TV. -Ted Turner

784. Re: Questions about air traffic terms

Newsgroup: rec.radio.scanner
Date: 1994-01-31 20:37:04 UTC
From: Michael Polak <p00780@psilink.com>
Message-ID: <2969127021.1.p00780@psilink.com>
Source record: 277330

>DATE: Sun, 30 Jan 1994 18:13:56 GMT
>FROM: Bradley J. Bittorf <bjb@petrel.icd.ab.com>
>
>I spent part of my weekend renewing my acquaintance with the airport
>frequencies at Cleveland Hopkins airport. (Having a PRO-39 certainly
>beats the analog Patrolman SW-60, although I can no longer receive
>several closely-spaced frequencies concurrently like I used to ;-).
>
>Anyway, I was reminded of several questions I never bothered to
>answer. Sometimes when pilots are receiving instructions, they get
>something like 'contact xxxx, 126.7, squawk 5.' What does the
>"squawk" signify?
>

><stuff deleted>

An aircraft is give a four digit squawk code that is entered into
a transponder. This allows a radar controller to see a box on his
radar scope that can have the call sign and type of aircraft in it.
(ie. The radar has a cross reference that code 1234 is a Cessna 152 tail
number N12345, and code 5678 is United Flight 432).

If it is a mode C transponder (most are), then the transponder also
sends the altitude of the aircraft back to the radar.

785. Mods for a RS-PRO 41?

Newsgroup: rec.radio.scanner
Date: 1994-01-31 21:04:10 UTC
From: gdo7q@galen.med.Virginia.EDU
Message-ID: <CKIIIy.57D@murdoch.acc.Virginia.EDU>
Source record: 277331

I need a new scanner unless I can get more channels, does
anyone know what mods are available for a RS-PRO 41?? esp.for
more channels, 10 channels are sooo boring !!! You can either
post it or e-mail me at gdo7q@virginia.edu

Thanks

****
"The time has come for all things to come to an ......

Joe Orsolini gdo7q@virginia.edu

786. Paper Help

Newsgroup: rec.radio.scanner
Date: 1994-01-31 21:31:51 UTC
From: sjp117@psuvm.psu.edu
Message-ID: <94031.163151SJP117@psuvm.psu.edu>
Source record: 277371

To anyone that can help...

I am looking to write a paper on the development of police land communications.
I have contacted Motorola and I am still waiting for some information.
If anyone has suggestions as to where I might find citable information on the
development of law enforcement radio, I would be very interested.
If anyone has information that they would not might sending to me, I would
appreciate that as well. I just need to make sure the info is accurate and
appropriate to include in a research paper.

Thanks for any help,

****
Steven Pellegrino @@@@ @@@@ @ @ (((|)))
646 E. College Avenue @ @ @ @ @ |X|
State College, PA. 16801 @@@@ @@@@ @ @ |X|
SJP117@PSUVM.PSU.EDU @ @ @ @ |X| ___
@ @@@@ @@@@ |X| | |
****

787. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-01-31 21:57:05 UTC
From: a-timcar@microsoft.com
Message-ID: <CKIL0s.FFI@microsoft.com>
Source record: 277333

FYI, Pioneer Data in Woodburn, OR sells the Pro43 for $269,
which includes delivery. I received mine the day after I
ordered it. They're a RShack dealer. (503) 982-5115

788. Re: Police Codes

Newsgroup: rec.radio.scanner
Date: 1994-01-31 22:01:34 UTC
From: bmiller@landesk.intel.com
Message-ID: <2ijv3u$q3p@ornews.intel.com>
Source record: 277372

In article <1994Jan31.162100.7485@umr.edu> demp@saucer.cc.umr.edu (Dempsey Rollins) writes:
>
>Hey does anyone have the police codes i.e. a 5150 is a crazy person. If
>you do can you e-mail them to Demp@umr.edu
>
>Thanks.
>
>

Most of these codes are taken from the Penal code, so there are thousands of them. There is a company that sells abridged versions of the calif. penal code, as well as vehicle code, narcotic codes and health codes. I think the company is called CODE-KEY (?? can anyone confirm?) I have several of their books and find them very useful. They are only about $10 each. If you are interested, and no one else on the net can confirm the company info, then I can look it up. Sorry folks but this is for California only. But, you should look up a local Cop-shop (police supply store) and see what neeto stuff they have!

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

789. Questions about air traffic terms

Newsgroup: rec.radio.scanner
Date: 1994-01-31 22:08:03 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <760083893.AA08095@rochgte.fidonet.org>
Source record: 277334

> something like 'contact xxxx, 126.7, squawk 5.' What does the
> "squawk" signify?

It is a code that the pilot is instructed to set into his transponder. It should be 4 digits long.

> 'heavy' designates. Is this a plane loaded past a certain percentage

An aircraft weighing more than 300,000 lbs. The reason for the "heavy" suffix is to warn the controllers (and other traffic) that there should be extra spacing behind them.

790. Re: Searching Military Air Freqs

Newsgroup: rec.radio.scanner
Date: 1994-01-31 22:44:52 UTC
From: bmiller@landesk.intel.com
Message-ID: <2ik1l4$rmu@ornews.intel.com>
Source record: 277277

In article <9401311820.AA03412@cs.utexas.edu> scott@redstorm.nawc-ad-indy.navy.mil writes:
>Does anyone have any tips for searching through the military air band
>(225-400MHz)? I just bought a PRO-2006 and I don't have any specific
>mil-air freqs for my area (Indianapolis, IN). I have tried searching
>through areas 15-20MHz wide at a time. Should I break it up into smaller
>banks while searching? Wider banks? Maybe I just need some more patience.
>
>I'm planning on purchasing the HB-232 computer-scanner interface, but that's
>a ways down the road. Until then, I'd like to hear some mil-air stuff. I
>did manage to get my local national guard freqs from a UH-1 Huey during
>our town's fall festival (copied them off the control panel).
>
>Any help is greatly appreciated.
>
>| Scott Richardson |
>| scott@redstorm.nawc-ad-indy.navy.mil |
>| 72237.2420@compuserve.com |
>

A rule of thumb for all search operations on a scanner: The block size you search should not take longer to search than the expected transmission length.

For example, Mil-air comms are usually quite short, lets say 2 seconds. If your 2 limits take more than 2 seconds to search between, you MIGHT miss the traffic. I'm not saying that you will always miss it, but you might. You have to compromise. Maybe you are willing to search a larger block of frequencies since maybe there will be more than one active one.

As far as finding mil-air comms, your best bet is to ask someone in your area, or buy a book like Top Secret Frequencies by Knietel (sp?)

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT IP: 128.215.210.58

791. RE: Police codes

Newsgroup: rec.radio.scanner
Date: 1994-01-31 23:00:14 UTC
From: awp6f@poe.acc.Virginia.EDU
Message-ID: <CKInwE.7xH@murdoch.acc.Virginia.EDU>
Source record: 277335

Hi everyone! If anyone needs police codes for Wasington DC or
Arlington and Fairfax Cointies Virginia, please e-mail me at
awp6f@poe.acc.virginia.edu. These are the "10 codes" used to
signiify such transmissions as DOA, crazy person, etc.

Andrew "no-sig-yet" Pang

792. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-02-01 00:39:47 UTC
From: an678@FreeNet.Carleton.CA
Message-ID: <CKIsIB.J56@freenet.carleton.ca>
Source record: 277336

Especially, since the BC200XLT is a simple, simple mod for full 800 MHz coverage!

793. Introduction to Scanning, posted monthly

Newsgroup: rec.radio.scanner
Date: 1994-02-01 01:18:34 UTC
From: parnass@ih4gp.att.com
Message-ID: <CKIuAp.4v3@cbnewse.cb.att.com>
Source record: 277337
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: January 17, 1994

Introduction to Scanning
by Bob Parnass, AJ9S

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This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves by their sensitive baby monitor intercom. Yes, it's legal to listen, and it's all there in the 46 and 49 MHz ranges.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. Change is in the wind -- it will soon be illegal for companies to sell scanners which cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend AOR brand scanners.

Scanners are available in two varieties: crystal controlled and programmable. The crystal controlled models are cheaper, but require the user purchase and install a $5 crystal for each frequency of interest. Programmable (synthesized) units are replacing crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crys-

tal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system.

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band unless you live in a very rural area where this band is not used. Usage of the 800 MHz band is growing by leaps and bounds.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to most scanner owners.

Currently, the more popular scanners include the Uniden/Bearcat 760XLT (a/k/a 950XLT) and Radio Shack PRO-2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT) and Radio Shack PRO-43 portables.

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be somewhat more prone to lightning strikes because they are not at "DC ground."

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Service Merchandise and Circuit City sell scanners, but carry just a few models. Department stores, like Sears and Montgomery Wards, sometimes offer scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- Scanner World (Albany, NY). Telephone (518)436-9606.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- Marymack Distributing (Katy, TX) sells Radio Shack scanners at discount. Telephone (713)392-0747.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, or listed in the classified advertisement section of your newspaper.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove Enterprises for about $25. This single edition contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more

sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

Grove enterprises sells FCC license information on floppy disks. Disks for each state are sold separately, and the information is basically the same as the FCC "state sort," i.e., transmitter location (state/city), callsign, licensee name, and type of license.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended

search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency

information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
world.std.com

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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

794. How to Find Scanner Frequencies, posted monthly

Newsgroup: rec.radio.scanner
Date: 1994-02-01 01:22:01 UTC
From: parnass@ih4gp.att.com
Message-ID: <CKIuG7.51x@cbnewse.cb.att.com>
Source record: 277338
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

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[last updated August 10, 1993]

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 1: Books, Magazines, Government Records, and Clubs

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

I am often asked, "How do you find these frequencies?" Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books

The most convenient source of fire and police frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores for under $10. Police Call is basically a computer printout of FCC license information in the fire, police, local government, and conservation services in two lists: by licensee name within state, and by frequency. Later editions have included a few pages of local airport and nonsensitive federal government frequencies.

I highly recommend Richard Prelinger's 1992 book, Monitor America, published by Scanner Master Corp., and available from Grove Enterprises for about $25.1 This second edition is crammed full of police, fire, local government, news media, sports, national park, and commercial broadcast frequencies for all 50 states. The information was compiled mainly from members of the world's largest scanning club, the Radio Communications Monitoring Association (RCMA). Monitor America contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for

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1. Grove Enterprises, PO Box 98, 140 Dog Branch Road, Brasstown, NC 28902. tel (704)837-9200

several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.2

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide.3 The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $20. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is the best book in print for this difficult to obtain information.

A more accurate, but smaller and less comprehensive book is Midwest Federal Frequency Directory. It was published in 1986, and copies are getting scarce. Copies may still be available for $10 from Scan America.4

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2. Scanner Master, PO Box 428, Newton Highlands, MA 02161. telephone 1-800-722-6701.

3. Official Scanner Guide, PO Box 712, Londonderry, NH 03053.

4. Scan America, 430 Garner Drive, Suffield, OH 44260-1557

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells the information on PC floppy disks for each state instead.

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me.

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)5. Only 12 of the 21

information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau",

indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'6.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information is marked 'unclassified', but all fields are furnished, including some which indicate security related usage. Grove sold this set of 33 microfiche cards for about $13.

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

In 20 years of being an amateur radio operator, and belonging to amateur radio clubs, I never realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges,

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5. See "The Government Giveth, the Government Taketh Away", by Richard Prelinger, in Monitoring Times, July 1982.

6. See "AFIO and the FOIA", by Bob Grove, in Monitoring Times, September 1982.

there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road
Springfield, OH 45503

Do Your Own Sleuthing

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

More about sleuthing will be discussed in Part II of this article.

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HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

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Part I of this series discussed how scanner enthusiasts can obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall7, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use.

Most listeners use a combination of both approaches.

What Makes Station Identification Difficult?

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7. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

- 7 -

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters. Police and fire departments, especially those with trained radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army

Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information.

- 8 -

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find Dymo tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I examined a military manpack radio being used by dispensary paramedics. The radio's tuning dial was set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored personnel carriers at the local county fair, each equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM radio had a set of channel select pushbuttons, much

like those in a car radio. I asked a guardsman a few questions about the radio, and he demonstrated the channel preset feature. A panel above the channel pushbuttons was labeled with the frequencies: 32.055, 34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at the Marseilles armory "open house". The public was permitted to climb aboard, and observe the instrumentation and radio gear. A channel plate on the instrument cluster listed over a dozen frequencies.

Hobbyists are urged to exercise a modicum of restraint and good judgement. In New Jersey, a radio technician/hobbyist called to service a transmitter in a

county building, noticed a new unattended repeater installation in the same room. Being curious about what frequency this repeater was on, he opened the access door to copy the frequencies from the radio's crystals. It turns out that this radio belonged to the US Secret Service, and opening the access door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's permission to tamper with that equipment.

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

How Can I Determine To Whom I'm
Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot easier for me, and legal for them!8

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8. One may use FCC license microfiche, described in Part I of this article, to identify stations using call

Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls. A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center9
Lisle, Illinois

I watched the driver pick up a microphone, and listened
to him on my portable scanner checking back with his

---

letters.

9. XYZ is a pseudonym for the actual licensee name.

"base".

All the pieces fit: the "guests", the "classes", the
"instructors". Mystery solved; I had been monitoring the
customer training center for a large computer manufac-
turer. The training center has hotel rooms and dining
facilities to accommodate students from out of state. As
a convenience, shuttle van service is provided to local
shopping malls.

Summary

Through books, government records, and radio clubs,
scanner listeners can make use of frequency information
compiled by others. Two-way radio users often fail to
identify their transmissions properly, making it more
difficult for listeners to know who they are monitoring.
By examining radio equipment labeling, and monitoring and
taping transmissions, scanner enthusiasts can unearth new
information.

--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

795. Re: cellular 30mhz jumps

Newsgroup: rec.radio.scanner
Date: 1994-02-01 02:11:18 UTC
From: copeland@metronet.com
Message-ID: <CKIwqv.A0C@metronet.com>
Source record: 277339

In article <1994Jan25.154945.21844@cbmnews.commodore.com>,
Jeff Dean <dean@cygnuscommodore.com> wrote:
>In article <888_9401201730@chigate.fidonet.org>, jerry.smith@radiohobby.chigate.com
(Jerry Smith) writes:
>|> Hi, Cali...
>|> Do you mean 30 khz intervals? The typical channel spacing for cellular
>|> phone channels is 30 khz. So, you aren't missing anything.
>|>
>
>Then I'm confused. My BC200xlt scans like this:
>
> 870.600
> 870.612
> 870.625
> 870.637
>
>That looks to me to be 12.5khz spacing. What's wrong?

You have discovered the bad side of Uniden's when mod'd for cellular.
The frequency spacing is wrong! The GRE's (PRO-39,PRO-43...) have
correct frequency spacing when modified.

796. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-02-01 03:11:07 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2ikh8b$etr@cronkite.ocis.temple.edu>
Source record: 277340

Victor Healey (vhealey@crl.com) wrote:

: Is the Pro 43 any good? Yeah i know it is radio shacks top hand held but
: I see many apparently do not like dieplay battery life and unreliable
: speaker .

I don't think that it is worth 120, but the pro43 has EEproms for the
memory, so that when you take the batteries out, you will never loose your
frequencies that you programmed.

: Comments... I take the 46 back in a heartbeat if you can tell me why the
: 43 is worth $120 more cash outlay.

: PS I do know what triple conversion is but is it worth $120?

The triple conversion scheme is only for the 800-900 band. It uses
a downconverter for 800-900 and converts them to 400-500 and then processes
them normally. A downconverter only costs 45 or something.

797. Re: BC200XLT from Damark

Newsgroup: rec.radio.scanner
Date: 1994-02-01 05:07:36 UTC
From: jruschme@sed.csc.com
Message-ID: <CKJ4wo.Ko9@sed.csc.com>
Source record: 277345

In article <CKBDGt.4Dt@acsu.buffalo.edu> stein-c@eng.buffalo.edu writes:
>Has anyone bought the BC200XLT that Damark has for sale? Are they
>reconditioned? And if so, what have your experiences been? I was told by
>a salesman at a local store that these scanners have "intermittent"
>problems that couldn't be found by the repair techs, which is why they
>are being sold cheaply. Is this true?

Pbbbtttt.... (to the sales droid, that is).

Sitting about 10 feet from me is one of those reconditioned Damark scanners.
If there are any problems, I am yet to see them in the nearly three months
that I've had mine.

I am very happy with it.

>If they do have problems, does anyone have a inexpensive place to
>mail order these radios from?

Just let Damark sell you the extended warrantee for $20.

<<<John>>>

798. === Intro to this newsgroup ===

Newsgroup: rec.radio.scanner
Date: 1994-02-01 05:18:53 UTC
From: an42095@anon.penet.fi
Message-ID: <053324Z01021994@anon.penet.fi>
Source record: 277346

Recently there was an article in a newspaper
regarding this newsgroup which was very
interesting. However, my site does not
subscribe to this particular newsgroup.

Therefore, I was wondering if someone would
kindly email the INTRO FAQ ARTICLE for this
newsgroup (the one with specific info on
which scanners to buy, methods of scanning,
etc.)

Your help is very much appreciated. THANK YOU VERY MUCH!

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

799. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-02-01 06:06:25 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Feb1.060625.27271@alw.nih.gov>
Source record: 277348

Victor Healey (vhealey@crl.com) wrote:

: Is the Pro 43 any good? Yeah i know it is radio shacks top hand held but
: I see many apparently do not like dieplay battery life and unreliable
: speaker .

[stuff deleted]

If the 46 does it for you, then keep it. I found that my BC70XLT (about 7 yrs old) is totally unusable around Washington, DC due to intermod from pagers. My experience has been that the 43 has much fewer problems. I also had a lot of trouble with cellphones imaging onto police bands (or, at least, I think that's what it was) and I haven't had the problems with the 43.

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

800. Mods for BC70 XLY?

Newsgroup: rec.radio.scanner
Date: 1994-02-01 06:09:40 UTC
From: gheald@robins.af.mil
Message-ID: <2ikrn4$kuv@wrdis02.robins.af.mil>
Source record: 277349

the airport traffic. thanks, glenn

--
Please send any mod info for the BC70xlt. thanks, Glenn

Glenn Heald\gheald@wrdis01.robins.af.mil/Macon, Ga.a
The Rabbit in the Hat's; where its at.

801. Re: It's that kinda world

Newsgroup: rec.radio.scanner
Date: 1994-02-01 07:05:19 UTC
From: cyborg@infinet.com
Message-ID: <2ikuvf$5re@rigel.infinet.com>
Source record: 277350

John Quill Taylor (jqtaylor@boi.hp.com) wrote:
: Jim Kearman (jkearman@nyx.cs.du.edu) wrote:

: : While on the road today, I was listening to the police
: : department in Bridgeport, Connecticut, the murder capital
: : of the state. A policeman was dispatched to see a person
: : whose dog had just been eaten by another dog!
: : ...

: While on the road... (great topic!)
: I heard the other day an ambulance call for a woman who had been putting
: eye make-up on and by accident used superglue...

Well, I have a couple...I am a volunteer Paramedic, and we got sent to a case of "Pedal Edema" (Swollen Leg), however, the dispatcher put it out as "Penile Edema"..... Chuckles came over the radio for the next few minutes...

Also, have been on a few "Coke Bottle" runs.... (Ask a local medic about these... Or E-mail me for explanation..)

Laters....
Kris Hurt
EMT-P

802. Re: Paper Help

Newsgroup: rec.radio.scanner
Date: 1994-02-01 07:11:07 UTC
From: cyborg@infinet.com
Message-ID: <2ikvab$5re@rigel.infinet.com>
Source record: 277351

sjp117@psuvm.psu.edu (SJP117@psuvm.psu.edu) wrote:
: To anyone that can help...

: I am looking to write a paper on the development of police land communications.
: I have contacted Motorola and I am still waiting for some information.
: If anyone has suggestions as to where I might find citable information on the
: development of law enforcement radio, I would be very interested.

You might want to send mail to the American Radio Relay League. They are
an Amatuer Radio organization, but they may have the info you need, or at
least point you in the right direction.

Try postmaster@arrl.org

Hope this Helps,
Kris Hurt
EMT-P

803. FCC License Data Sources

Newsgroup: rec.radio.scanner
Date: 1994-02-01 08:12:21 UTC
From: bill@thd.tv.tek.com
Message-ID: <1994Feb1.081221.3955@tvnews.tv.tek.com>
Source record: 277353
Cross-posted to: rec.radio.scanner,rec.radio.info

[last changed 24-Jan-94]

This is a list of FCC license data sources available to scanner listeners. Please e-mail corrections and additions to me.

POLICE CALL

This is probably the most cost-effective source for public service license information. The detail is limited, but the information that is there is often more useful form than the raw FCC data. For example, an entry in Police Call that reads, "Portland Police, Net 3, North Precinct," reads, "Portland, City of" in the FCC master.

Police call is available in 9 volumes covering different regions of the US. It can be purchased at Radio Shack stores for $10 per volume.

MICROFICHE

Lee Reynolds (lee@tosspot.sv.com) has made available copies of the entire US database on microfiche for $75 a copy. There are three sets in all - by callsign, geographic area, and frequency - for a total of about 200 fiche. His current set is from early 1993. E-mail Lee for more information.

The Bearcat Radio Club sells microfiche by state for $15. Bearcat Radio Club can be reached at P.O. Box 291918, Kettering OH, 45429.

GROVE

Grove sells FCC data on disk by state. The first state is $40, and each additional state is $30 (add $10 for CA, FL, TX). The disk comes with a database search program. The following data fields are provided: frequency, call sign, licensee name, service code, city, county, state, latitude, longitude. Grove Enterprises can be reached at 800-438-8155.

SCANWARE ASSOCIATES

ScanWare Associates sells a PC-based database called the FCC Frequency Retrieval System V2.0. Comes with FCC data for all services from 10 kHz through 2036 MHz in the state of your choice. Cost is $29.95. Demo copy downloadable from their BBS at 206-871-4228 (FCC2BETA.ZIP). ScanWare Associates can be reached at 206-698-1383

PERCON

PerCon sells FCC data on CD-ROM by state or by category for $100 per CD. The categories are divided as follows: public service & land mobile, common carrier, industrial, etc. The data is complete, i.e., it contains all of the

data in the FCC master database for the state or category covered.

PerCon has developed a CD-ROM of the entire US FCC database (approximately 3 million records). This product is now shipping. I will provide a description as soon as I get more information.

PerCon can be reached at 716-386-6015.

C.E.T.

CET sells records of all stations inside a 30-mile radius for $80. (Major cities cost extra.) A 70-mile search costs $178. The data is provided on floppy disks and is available in ASCII columnar and comma-delimited formats.

I recently sent for this data and found it impressive. The 30-mile radius around Portland, OR (which CET does not consider a major city) contains nearly 10,000 records.

The data is more detailed than Grove's and isn't much more expensive if you need more than one state. CET does not provide data for licenses that do not contain specific geographic coordinates (i.e., mobile-only systems) or specific operating frequencies (e.g., amateur radio).

To do the search, CET requires the latitude and longitude for the center of the 30-mile radius. I calculated mine from a USGS topographic map I obtained at a local nautical supply store. Alternatively, you can obtain the coordinates for your town from the University of Michigan's geographic name server. Run "telnet 141.212.99.9 3000" and enter your zip code. In my case, the server returned the coordinates of the main post office.

If you are interested in purchasing this data, you might want to consider forming a co-op of people in your area to share the cost. As far as I know, this is legal since the information is in the public domain. You do this at your own risk, however. CET can be reached at 800-445-0297.

The CET data records contain the following fields: transmitter frequency; service code; type code; transmitter latitude and longitude; call sign; transmitter output power; effective radiated power (ERP); antenna height from tip to ground; site elevation above sea level; number of vehicle, portable, aircraft, marine, and pager mobiles; transmitter city, county, and state; current expiration date; licensee name, mailing address, city, state, and zip code.

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

804. Wackenhut freq's wanted

Newsgroup: rec.radio.scanner
Date: 1994-02-01 08:23:30 UTC
From: jeffrey_p_wendt@jplpost.jpl.nasa.gov
Message-ID: <jeffrey_p_wendt.1.00086486@jplpost.jpl.nasa.gov>
Source record: 277363

Looking for Wackenhut freq's for So Cal, and the Nevada Test Site. Also any other info on facilities in So Cal would be greatly appreciated.

Thanks in advance,

JPW

805. Where is everyone?

Newsgroup: rec.radio.scanner
Date: 1994-02-01 11:13:00 UTC
From: dave.santoro@cld9.com
Message-ID: <7.2708.2202.0N5AD459@cld9.com>
Source record: 277356

Hi All -

I was told that this echo was replacing alt.radio.scanner.
So, I got my sysop to carry it. So far it seems that there are
only a few messages a day here (2-3). Is it me, my BBS or is the
traffic here really this low?

Thanks in advance for your responses

73 Dave N2VYP
---
* [R2.00o] * Usenet * Nitelog BBS * Monterey CA * 408-655-1096

806. FRG-9600 scanner controller program with interface

Newsgroup: rec.radio.scanner
Date: 1994-02-01 12:52:06 UTC
From: asirene@ntuvax.ntu.ac.sg
Message-ID: <1994Feb1.205206.1@ntuvax.ntu.ac.sg>
Source record: 277358
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hi,

This is the last call for anyone who wants a program for controllling the FRG-9600/965 using the CAT interface. Program includes circuit diagram for enhanced CAT interface which is compatible with the FIF-232-C from Yaesu. Does not require external power supply.

Program gives high speed scanning, 10 banks of 100 memories for 100 memories. 2 VFOs, 10 priority channels, stop on signal/squelch or both. Bank sort, band limits, band skip, VFO tracking, many different scan steps, description field in memory, pop-up TSR which continues scanning even when other DOS programs are running. Very simple and cheap to construct interface which fits into DB-9 or DB-25 casing. And a host of other features.

E-mail me and ask for it if you want.

Everything you need to bring FRG-9600 up to date with today's scanners.

73 de 9V Daniel

807. Re: FCC Database Online For Calif.

Newsgroup: rec.radio.scanner
Date: 1994-02-01 14:36:50 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CKJv9p.83A@cbnewse.cb.att.com>
Source record: 277359
Cross-posted to: rec.radio.scanner,alt.radio.scanner,ba.broadcast,rec.radio.amateur.misc

jholly@cup.hp.com (Jim Hollenback) said:

> of all the things to listen to on a scanner, I still am trying
> to figure out why some one would want to listen to "that's a
> big Mac, ...". Watching paint dry must really make some people
> wet thier [sic] pants.

"... don't criticize what you can't understand." - Bob Dylan
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

808. Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-02-01 14:47:05 UTC
From: jlloyd@pluto.cs.clemson.edu
Message-ID: <2ilq19$218@hubcap.clemson.edu>
Source record: 277285
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

---

Below is a collection of SW receiver reviews written by readers of Rec.radio.shortwave. The number following the brand and model number is the number of readers, who indicated they use this type of receiver.

All credit for these reviews should be given to the readers of this group and not me.

John Lloyd

Sony 2010 - 3

I found it VERY easy to plug in and start listening. The supplied instructions are adequate for what they do, but
are not really enough to really start enjoying the radio. The whip antenna works great at home, but just doesn't cut it at work (way too much metal/interference). Even the supplied wire antenna does not seem to help at work (I have not yet tried it at home (no real need).

****
Realistic DX-342 - 1

I've owned this little radio for about a year
now and am really pretty happy with it.

Advantages: Size - Measuring approximately
4 3/4 x 2 5/8 x 1, you can take this little
mini anywhere! Even slip it into your shirt
pocket!
SW bands - Covers 9 SW bands: 49m, 41m, 31m,
25m, 21m, 19m and 16m.
MW, FM, FM Stereo (thru headphones)
Travel Power lock
Push button control
Runs on two AA batteries or AC adapter
Travel pouch
Carrying strap

Disadvantages: It's an analog unit, guys and gals,
no digital display.
No back stand
Antenna does not rotate up

I've had a lot of fun with this little receiver. The
SW sensitivity is quite good for my area of the
country, Cleveland, Ohio. The speaker has a nice sound
and improves thru the earphones. FM stereo thru
headphones is great! MW DXing is surprisingly
good! I can grab signals from Boston, Chicago,
New York and Cincinnati much better than on my
Magnavox AE 3625 Digital!

Summary: A nice little travel radio that's fun
to fiddle with or take for travel when you're in
a pinch. Radio Shack has discontinued this model
so you might be able to find it on sale for around
$50.00. I love the size! Ideal for travel! I'm
beginning to think that anything larger is too
cumbersome. I do miss the Digital Display and all the
features that go with it: Freq. display, Alarms,
world time display, etc. If I were buying today, though,
I'd consider what else is out there for just a bit more
money. For example, the new Sangean 606 is only
slightly larger and has all the digital features mentioned above that I miss. I
've seen it priced for as little as
$179.95!

****
Realistic DX-375 - 1

It costs $99.99 though I got it for $89 since I had a coupon for a
rebate. For the price I think I got a good deal. It has digital tuning
and direct input of frequencies which allows tuning to be a pretty
simple job and not a time consuming act of patience. It uses two C type
batteries... I use rechargable ones and they last a pretty long time..

It is not small enough to carry in your shirt pocket but it could fit in
the front or side pocket of an average sized backpack. It is just great
when you are walking back home from school/work ... it can be easily
carried in one hand as you catch up on the news from
BBC/Deutschewelle/Radio Australia/etc.... as you walk home..
I get decent reception of all the `big stations' even indoors and have, on
occasion also been able to tune to Radio UAE....

The sleep function is perfect for someone like me who likes to fall asleep
with music... the FM sound is pretty good in stereo (headphones)... The
AM reception is also fairly good but it has a very high tendency to catch
those Bible bashing stations...probably a reflection of the region where
I live...

The strap is a little shoddy and I have a feeling I may have to `fix it'
soon... I expect it to pop out any moment....
Despite that, I like it...

****
Realistic DX-380 - 1

I am by no means an expert, but I have a DX-380 and can give some of my experiences. First of all, I would pay the extra to get the 390 to get the single side band capability. I miss it. I miss it. Also, the sensitivity for foreign broadcasts (I'm in DC) without an external antenna is poor. You get the BBC and some German broadcast relays from Canada transmitters, some south american stuff, and that's it. BUT with a 50 m Cu wire out my 2nd story window attached to the antenna with an alligator clip, I regularly get Abu Dhabi and Australia at night.

****
Realistic DX-390 - 2

Great mid-sized digital portable. Good sensitivity and selectivity. Digital display shows time, frequency, signal strength, and memory location. Covers LW (in 9 kHz steps), MW (in 9 or 10 kHz steps) and SW continuously from 150 kHz to 30000 kHz. FM reception (88-108 MHz) with stereo through headphone jack. BFO control for SSB reception. Built-in timer/clock, 9 programmable memory locations per band, except 18 on SW. Good audio output. RF Gain and AM bandwidth controls. Keypad frequency entry. External antenna, AC-adapter inputs.

A great radio for the beginner or as an upgrade from a smaller and/or analog unit.

Purchased from Radio Shack for $219 in January, 1992.

I have a new Realistic DX-390 (alias Sangean 813??). Seems to be a great value for the price $169 US. I haven't yet heard from someone who can recommend a radio for the same price that is better, and can back it up with facts.

****
Grundig Satellit 700 - 3

Truly a world-class portable, digital receiver. Excellent sensitivity and selectivity. Digital display with two separate clock/timers, signal strength meter, band selection, frequency readout, and user-definable eight-character "name" for each memorized station. Has RDS circuitry on FM to decode the newly-phased-in system for identifying stations by call letters, format, etc. 512 memory positions, upgradable to 2048. Tunes in .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. Receives USB and LSB. Synchonous detector helps pick difficult-to-receive stations out of the crowd. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz). Excellent audio output, with separate treble and bass controls. Stereo through headphones or external speakers. Line-level out (left and right), external antenna, and 12 VDC-in jacks. Local/DX switch. Built extremely rugged. Multi-national power

supply included.

An outstanding performer, and worth the price to a serious SWL
or DX'er who requires portability.

Purchased from Universal Radio for $479 in April, 1993.

The Following is a comparison of the SONY ICF-SW77 and the
GRUNDIG SATELLIT 700:

Both of the receivers you are looking at are pretty solid. The
Sony is slightly smaller and has a somewhat more "finished" feel
about it. The Grundig is SOLID with a much better sound. Neither
is as good a SW signal receiver as the previous Sony, the '2010
(2001). However, they both have very advanced features;
multiple (and in the Grundigs case, expandable) memories with
alphanumeric tags so that you have a name as well as a frequency,
all sorts of memory grouping and scanning etc. The Grundig has
good RDS ident. on it's FM band, but I have a feeling that this
isn't used much, if at all, in the US. If you intend to buy
second-hand, be very wary of the SW77 - the early version was
pretty flakey. The later version is better but still not as good
as the '2010.
I think that the choice comes down to "feel". They are both quite
complex to use, but both work as advertised. Try 'em both as they
have quite distinct operational methods. If sheer performance on
SW is the main point for you, compare them with the Sony ICF2010.
You'll buy it and save some loot !
For what it's worth, I tried them both and settled on the
Grundig. I have my Satellit 700 in daily use and it's performed
without a hitch.

My reasons for the choice were:

1. Performance. The Grudig was much better than the early SW77.
2. Sound. I happen to prefer the slightly bassy Grundig sound to
the somewhat sharper Sony.
3. Power. The Grundig takes D cells and can self-charge Nicads in
the set, which is how I have it set up. (The SW77 used C cells)
They both run down batteries fast. The Sony worse than the
Grundig due to it's smaller cells.
4. RDS. I love it and the SW77 doesn't have it.
5. Feel. I like the, I don't know, Germanic solidity and sheer
heft of the Satellit. A Satellit with a full load of 4AH Nicads
can tip the scales at twice the weight of a SW77. Of course, if
drop one on your foot the Sony would be the better bet ! I
only use the Grudig about the house. I have a '2010 for the
road.

I hope this splurge hasn't clouded the issue for you.

Editor's Note:
I have one of these radios and love it! I sent the following

message to someone just after I bought it.

I just recently forked out $500 and bought a Grundig Satalit 700.
The sound from the radio is truely impressive! I have always
wondered why broadcasters put music on shortwave, because it
alway sounded like garbage. However with the 700 I can listen and
enjoy the music. The 700 has Bass and Treble controls, which
improve the sound quality but the Automatic Gain Control most
likely does the most toward improving the sound (I'm not an
expert, so this is just a guess!). Anyway my Wife
regularly listens to music coming from a 60m band radio station
in Guatemala, and can enjoy the sound. However there are some
bad points. It is programable, but I have not worked out how to
do it yet. Well I tried once and gave up. This is not too
bad though, because BBC, Deutche Welle, and about 10 others
are stored in a ROM table. And these frequences actual work
(i.e. they are the frequencies for North America and NOT
Germany).
Also I connected a long wire antenna and found my local AM
station on shortwave. I guess the front-end is not good enough to
sort the signals out when coming from a large antenna. But don't
worry about this either.
If you only want to listen to the biggies like BBC, Deutche
Welle, you won't need an external antenna. I am planning to put
a Pre-selector between The Radio and the Antenna, and I think
this will cure the problem of AM stations on shortwave and cut
out some interference. Finally I recommend this radio to you. I'm
sure you will have hours if enjoyment from it.

****
Grundig Satellit 500 - 2

Formerly Grundig's flagship portable SW receiver, this is
still an excellent piece of equipment. Excellent sensitivity and
selectivity. Digital display with two separate clocks (only
one displayed at a time), signal strength meter, frequency
readout, and four-character user-definable "name" for each
memorized station. 42 memory positions. Tunes to .1 kHz
increments. Selectable wide/narrow bandwidth for AM mode
reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry.
In addition to AM, has three receiving "modes" for LW, MW, and
SW: USB, LSB, and "Sync," which should more accurately be
described as "fine tuning," as this implementation of synchronous
detection operates differently from the Satellit 700 or Sony
2010. Selectable automatic/manual gain control. Covers LW
(150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM
(87.5-108 MHz).
Excellent audio output, with separate treble and bass controls.
Stereo through headphones. Line-level out (mono), external
antenna, and 12 VDC-in jacks. Local/DX switch.
Built extremely rugged. Power supply included.

An all-around great performer. Now that it's discontinued,
many outlets are selling this unit at close-out prices, making
this radio an excellent value for the money.

Purchased from Universal Radio for $379 in December, 1992.

I have a Grundig Satellit 500 and am basically satisfied with it.
I miss the 512 memories of 700 and 'SSB clarify' control
sometimes.

Yes, its 'sync' is exactly fine tuning in 100 Hz steps. However,
it is rather simple to make it work similarly to '700 and '2010,
because the detector chip is the same in all three. Only a switch
with two pairs of contacts is needed. Another design fault, the
excessive distortion in SSB mode, can be partly cured by adding
two resistors. For serious DX-ers it may be important that the
internal ferrite rod cannot be disabled on MW and LW in both 500
and 700, so the in-house noise may become a problem on these
bands.

****
Lowe HF-150 - 1

The Lowe HF-150 (sold by Universal and EEB) is a nice compromise.
Similar number of cubic inches as the Sony (different shape), but
offering some features of the R8. Also the Lowe is made with a
mostly solid alumnum case, which is better than the Sony or the
Drake. The Lowe has dual antenna inputs (wire or SO-239), record
out, audio out, 12vDC in. It can run off any 12V DC battery.
I use 7 aH gelcells which I recharge. The Lowe also takes
8 internal AA nicads *OR* disposable batteries. It will recharge
the nicads with a builtin recharger if you plug it into
an external power supply. It's a nice semi-portable radio. It
has a few ideosyncracies, but you might want to look at it.

****
Lowe HF-225 - 2

I've had an HF-225 for a few years now, and I'm pretty happy with
it. I use it mainly for broadcast listening. It's connected to
25m of random wire via a 5m coax run inside the house.

I tried using an ATU to improve the matching between the aerial
and the coax, and on some frequencies it gave a (small)
improvement in signal strength, but it was such a pain to keep
retuning that I gave up using it.

I recently bought a "magnetic longwire balun", and this seems to
offer the best of both worlds - improved matching between the
wire and the coax, but no retuning necessary. It's rather
expensive, though, and it may be that I'd have been just as well
off with a home brew transformer on a ferrite ring...

The other potential advantage of an ATU, filtering out of strong signals well away from where you're listening, seems to be completely irrelevant on the HF-225. I've never yet found a case where switching in the attenuator did anything beneficial. The receiver's front end seems to be excellent in this respect.

I've got the sychronous detector option, and I wouldn't be without it. It quite often makes a heavily fading signal quite pleasant to listen to. Pity it doesn't have a selectable sideband option, though - I quite often find myself tuning an AM signal in the LSB or USB modes to try to get rid of an adjacent interfering signal.

Would I buy it again? Yes, unless I decided that I really wanted a receiver which offered a computer interface.

****
Sony SW-1 - 2

I bought an SW1E over a year ago, for listening to broadcast SW and FM at home and while travelling. I like this very small radio a lot. It is maybe expensive for a portable, but the build quality is very good, - everything looks and feels right. Battery life is good, and the set DOES work with NiCads (2*AA) contrary to the instructions. Reception of broadcast SW is good, either with the whip or clothes-line antenna. I've never noticed any big problems from adjacent channels either. As a bonus, FM stereo reception is good through headphones. Audio quality from the in-built speaker is fair, but you'll want to use phones for noisy environments. The only bug with this radio is the memory capacity - only 10 mems is really not enough to cover ALL of AM and FM.
Summary - if you want a very small portable, and appreciate high quality (and can afford it), I would recommend the SW1E. Note the E, which denotes the SW1 kit without the active antenna and brief case - these add a lot to the price, and I don't rate the antenna too highly either.

****
Sony SW-15 - 1

I bought one of these puppies on impulse the other day (at my age you should give in to the occasional impulse, just so they keep coming). Cost $85; you could probably do better by shopping the discounters.

Specs:

Dual Conversion Receiver, 6 1/2 x 4 x 1 1/2 inches, 3 AA or 4.5v DC.

Nine Bands:

FM: 76-108 Mhz, 10.7 Mhz IF.

SW: 5.775 -6.425; 6.875-7.525; 9.375-10.025; 11.6.5-12.265; 15.00-15.65
17.50-18.15; 21.325-21.975. 1st IF 10.7 Mhz; 2nd IF 455 Khz.

MW: 530 - 1710 Khz; 455 Khz IF.

Analog Tuning dial, volume control, music/news tone switch, 7 position SW band selector. FM/MW/SW select buttons double as "on" switches. "Off" button. "Hold" button to disable "on" (prevents accidental turnons) Slide rule, multicolumn frequency display. Hand strap, foldout stand to hold at angle on table, soft carrying case. Basic shortwave guide. Telescoping antenna. FM/MW/SW "on" and tuning LEDs. Mono earphone jack.

Subjective Review:

I'm pretty impressed. Sensitivity is up there with the Pomtrex [:-)] without the "splatter" of strong stations. Analog tuning dial requires a delicate touch but for me that's part of the fun. Drift seems nonexistent; you get a station and it keeps it without a lot of vernier twiddling. MW performance was surprisingly good, as was FM. I'd recommend it as a starter radio.

****
Sony ICF-5100 - 1

I bought this radio in Kuala Lumpur in 1988, and I'm not sure if it goes by the same model number in other parts of the world. It is a shirt pocket analog tuned radio with coverage from 6MZ to about 21MZ in seven bands. The radio is very rugged and has served me well despite of the physical abuse it has gone through. Because of its small size the speaker is only small and the sound from it it a little tinny, but I used it mainly to receive news in countries without English language news services and in remote areas while camping etc. I recommend this radio to anyone, who considers size the most important factor. Cost was about US$70.

****
Sony ICF-7601 - 2

In some respects this is my favorite radio. No bells no whistles no FM stereo -- just a good solid (feels like a small brick) analogue unit. It covers AM, FM and has 10 SW bands that cover most of the "out of band" frequencies. Band switching on SW is done by a slide on the front of the radio while buttons are used to switch from AM to FM to SW. The dial is accurate to 5 kHz so is very easy to locate a station. I believe that it was simply the best low cost analogue rig out there. It's still around and can be had for well under $100.00. Grab it!!

I have a 7601 also. Most of its weight is from the batteries and the speaker, giving it better tone and volume than smaller, lighter sets.

As with other cheap analog sets, it wasn't very hot out of the box.

If you "super tweek" the 7601, it's pretty good on AM, but no match for a 2010 or Superradio III. Most of the shortwave bands peaked up well, but I never could get 19 meters working right. As with most analog portables, the whip is part of the RF tuned circuit, so one must be careful to duplicate the exact listening conditions when tweeking the radio. Even the presence of headphones will shift the antenna tuning.

Unfortunately the 7601 picks up FM stations at various places on the shortwave bands. If you're far enough away from FM and TV stations you might have room for an R-390.

When going on trips I usually take my SW-1 because of the convenience of the presets and the reception flexibility provided by the active antenna that comes with it.

****
Sony ICF-SW33 - 1

I've owned this radio (SW33) for about 9 months and use it as my "carrying around the house rig." It was purchased to replace a Sony 7601 that now resides on my desk at college (things electronic can grow legs on a college campus). By far the best features of this unit are its convenient size and excellent performance on all bands, AM, SW and FM stereo. Don't get me wrong -- this is not a DX machine on SW but for listening to the major broadcasters, it's excellent.

The single filter selection seems just about right and tuning on SW is in 1 kHz intervals. This at least gives you a "fighting chance" to move away from interference. That's a major improvement over the 5 kHz that many radios in this price range allow. In addition, the dual conversion design on SW keeps image interference at bay - a major plus for a small portable.

The radio does not have a keypad so entering frequencies is a bit clumsy. However, by entering the middle frequency of each of the major SW bands in the 7 memories (5 memories plus 2 timer memories) and slewing up or down from those positions you can get around reasonability fast. The SW bands are changed by a combination of 2 keystrokes.

The sleep control (shuts the radio off after 1 hour) can let you be lulled to sleep and the timer alarm can make sure that you get to work on time (radio shuts down after 2 hours if it is turned on by the timer). Setting the radio alarm is very easy - once you have set the clock, but that frankly, is a pain. The clock function, which works very well (combination world/home time), takes at least 7 distinct steps to set it. Fortunately the clock is fairly accurate (looses about 0.2 sec/day) so you don't have to reset it very often. The lighted dial (stays on for 20 sec at the touch of a button) is a nice touch.

Battery life is excellent contrary to the 1994 Passport to World Band Radio (see below). The radio has a battery "gauge" that is

activated at the touch of a button radio and shows in the display
as a battery icon with 3, 2, 1 or 0 dots inside of the battery outline.
It disappears after about 5 seconds. As soon as the number of
dots reaches 0, the radio shuts off immediately. I ran a a series of
tests with Radio Shacks Super Alkaline batteries and got the
following results: 3 dots showed for 37 hours, then 2 dots showed
for an additional 11 hours, and finally 1 dot showed for 3.0 hours
for a total of 51 hours. (Radio ran 1.5 to 2.5 hours/day with the
volume control set at 1/2 volume most of the time). At $2.89 (plus
5% for tax) for a package of four AA batteries (the radio takes 3),
that figures out to 4.5 cents/hour which is excellent. This figure differs
greatly from that given in the 1994 Passport (25-30 cents/hour). I have
no explaination for the difference but I stand by my test values.

Would I recommend this radio to anyone? If you do a lot of band-
scanning, forget it; it will drive you crazy. But at about $140.00 plus
shipping (NYC mail-order) it's an excellent "second" radio to carry
around for listening to the major broadcasters. I like it!

****
Realistic DX-440 - 2

I have a DX-440 and I think it is a good 'dabble' radio but if I
ever get serious I will look for a > $500 table model.

I love this radio! It's my main radio and I use it
exclusively at home, moving it from room to room. It really is
too large for travel

I've found the sensitivity to be tremendous on SW, MW
and FM! Very rarely do I need to attach a clothsline
antenna! It has continuous SW coverage, a great sounding
speaker, BASS and Treble controls, two bandwidths, great
sensitivity, good spurious signal rejection...It has
all the features I wanted in a starter radio! I bought
it about three years ago on sale for $150.00! I still
don't know why Radio Shack discontinued it. If you're
looking for a good starter shortwave radio and can still
find one laying about at a Radio Shack store priced to move,
GRAB IT!

****
DAK DMR-3000 - 1

I bought this radio since they have a 30-day money back guarantee
and I did not know if I would like the hobby or the radio. Good
points: direct-entry tuning, 36 station memories, fairly small so
it is easy to travel with, speaker sound was good, reception was
okay, but improved dramatically with the addition of the Radio
Shack 23' rollup longwire ($8.95). Bad points: only 5kHz tuning
steps, only major broadcast bands tunable (large gaps between
bands), selectivity not so good, no fine tuning, no BFO, no SSB

or CW, poor FM reception. All in all, not a bad radio of $69.90, however, it left me wanting for more, so I got rid of it.

I have seen a couple of posts asking for a low cost SW receivers. I have recently bought a DAK Model DMR-3000, for just $69.90+$6.00 shipping from DAK - a mail order company.
The receiver has a direct access, so you can type in the desired frequency, and a manual / automatic scanning system. It also has a dual time clock with alarm and 'sleep' timer. Unfortunately you can tune only to the commercial frequencies on SW, AM and FM bands. I have to say though that cheapness comes at a price. The first receiver I got was defective so I had to ship it back and ask for a replacement. Now, I received a new one which works very well.

Compared to my Sony ICF-7601 the DAK unit is an insensitive brick. The fancy clock and timer features aren't really worth it. About the only thing nice is the FM Stereo support if you plug in headphones but the FM sensitivity leaves much to be desired as well.
Something else to watch for.... That pretty lettering on the buttons will wear off REAL fast. If you haven't used it much yet you won't see a wear off REAL fast. If you haven't used it much yet you won't see a problem. After you've done some tuning you'll see the pretty arrows disappear from the buttons.

****
Sangean ATS-803A - 1

Since I was now turned on by SWL'ing, I moved up to what most people agree is the best all-around radio for this price. Good points: excellent frequency band coverage (150kHz to 30mHz), fine tuning, good selectivity, BFO for SSB and CW, many scanning options, lots of accessories included, good AM and FM reception. Bad points: way too big to travel with, high battery consumption, synthesizer noise in background all the time, scanning frequently skipped lots of "listenable" stations that I was able to get by manual tuning (what's the use in scanning, then?). I found that adding a longwire antenna only increased interference and noise while not improving the set's scanning sensitivity. Overall, a fairly good radio for the price...

I have a Sangean ATS803A which I love. Comments to quote me on would be that it's an excellent beginner's radio for the price. Although I've heard that the 818 is the "latest and greatest" in this price/performance category. I especially love the full coverage 150kc-30mhz and the (albeit lo tech bfo) SSB capability.

****
Sony ICF-SW20 - 1

I was in dispair when I could not find a decent travel portable for under $200. However, I accidentally crossed paths with a Sony ICF-SW20 on sale (normally $99, on sale for $49.99) at a local store and had to check it out. It is an analogue set, but since I got a 30-day return policy on it, what the heck? Good points: analogue tuning so no problem with confining 5kHz tuning steps, INCREDIBLE SENSITIVITY - this radio blew the DAK and Sangean away with the number of stations I picked up, good selectivity (no fine tuning knob - all you need to do is turn the tuning knob slowly), tiny size (4"w x 3"t x 1"d), small whip antenna (only 18"), addition of Radio Shack rollup longwire increased sensitivity even more, great low price (if I lose it or its gets destroyed, no problem replacing it), tuning bands are wider than the major broadcast bands, so you do get some utilitiy reception as well as WWV, AM and FM are really sensitive while FM goes from 76mHz to 108mHz so I can pick up some TV as well. Bad points: frequencies cover only seven broadcast bands (I can live with that, though), only monaural earphone included (however, you can get a $1.39 mono to stereo headphone plug), no BFO for SSB or CW, no station memories. All in all, this radio gave me the best price/features/size ratio of the ones I checked out first-hand. It's a keeper for me!

****
Magnavox 3625 - 1

Finally received my Magnavox 3625! Well, I'm certainly happy I purchased this little radio. Sure, it's not top shelf, but it's suitable for travel purposes and gives adequate SW coverage.

Has these features:
Travel Lock
Alarm (beeps, does not turn on radio)
Sleep Timer
9/10 KHz switch - for world travel
12 hour clock (however, when unit is swith to 9 KHz steps 24 hour clock kicks in)
20 presets - 5 for each band FM, AM, SW1, SW2
Dual time
Auto store - this feature allows the radio to automatically find the five strongest stations in an area and program
them into the memory of the FM & AM band.
Back stand
Antenna swivels and rotates
Runs on four AA batteries.

Well, the sensitivity is quite good. Steps in 1 KHz increments. No tuning knob but the slew tuning buttons work just fine. It's about the size of a paperback book and can be taken anywhere reasonably well. No carrying strap,
though. The SW coverage is limited but it grabs the major broadcasters exceptionally well. Example: the 41 meter band is

covered from 7100 to 7300. So if you want to listen to the BBC on 7325, you're oput of luck.

However, I like to listen to the BBC on 12095 or 15070 European signals during the day that I cangrab when I attach a long wire. The 3625 can't tune these freqs. but it can grab 15400 (from africa) WITHOUT a long wire antenna! I'm pretty impressed.

Bottom line....A GREAT little travel radio for $70.00! Call a Magnavox outlet if you are interested.

****
Magnavox AE-3805 - 2

Great little digital portable. Good sensitivity, average selectivity. Covers MW (in 10 kHz steps only), FM (no stereo), and SW in two "bands": 3200-7300 kHz and 9500-21750 kHz. Built-in timer/clock (12 hour format only), 5 programmable memory locations per band. Great for travel use.

Purchased from Damark for $49 in May, 1993.

$50 from Damark closeout -- cheapie category

****
Emerson PSW-4010 - 1

Great analog portable. Good sensitivity and selectivity. Covers MW, FM (stereo through headphones), and SW in 8 bands (roughly split out as 13m, 16m, 19m, 25m, 31m, 41m, 49m, and 60/75/90/120m). An excellent travel portable.

Purchased from DAK for $49 in June, 1988.

****
Sony ICF-5900W - 1

Sony ICF-5900W was a good radio in its day, but isn't worth listing now.

****
Icom IC-R70 - 1

I purchased my R70 in early 1983. It came with a scratched plastic window for the digital display, which the factory replaced. It is an extremely sensitive receiver. I installed the FM detector board option, which is highly useful for Sub-Carrier detection from FM broadcast receivers in conjuction with the R70's ability to tune below 100khz without a frequency convertor. The so-called PassBand Tuning (PBT), in actuality an asymmetrical bandwidth narrowing control, is very mediocre with the factory 455khz filters. Replacing the 455Khz ceramic SSB filter with a Fox-Tango FT-44 2.4khz 8-pole crystal filter (equivolent to the ICOM FL-44) makes the passband filter work as one would want. The AM 455Khz ceramic filter is junk,

and was replaced with a higher quality "4Khz" ceramic filter from
the long-defunct Radio Plus firm. The actual specs for the 4Khz filter
indicate that it is a slightly asymmetrical filter of 5.6Khz bandwidth,
causing a slight degredation of the "highs" (The original spec is
for a 6Khz bandwidth; the 9Mhz AM filter is a 6-pole device). Inclusion
of both replacement 455Khz filters results in a combined shape factor
of much better than 2:1 on AM or SSB. In addition, the RF amplifier
was enabled for AM broadcast band use, and an MOV was placed across
the AC input for protection against voltage transients. [Actually,
a Transorb would be far better in defending against narrow transients.]
For awhile, I replaced the diode AM detector with a Shottkey diode,
but my ears could detect no difference in distortion, and so the
original AM diode was returned to the circuitry. It's been serviced
once by ICOM for an intermittant problem ($150 ouch). There exists
several modifications to enable selection of the 455Khz SSB filter
whilst in AM mode for additional selectivity.

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YORX AM908 - 1

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Drake R8 - 1

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Drake SPR-4 - 1

****
Icom R-71A - 2

Eskab & Edvis of Sweden used to offer a Phase-Locked AM (PLAM) detector for
the R-70 and later R-71; they also offer a version for the NRD525. I have
the R71 version. It is a synchronous detector which allows selection of USB
or LSB via the IF filter/BFO offset. The PLAM board phase-locks one of the
R71 local oscillators (I forget which one, probably the BFO) to the AM
carrier. It contains its own product detector. The lock range is not very
large, perhaps +/- 20 Hz. The detector seems to have lower distortion than
the ICOM AM detector.

Compared to ECSSB, aside from the advantages of phase-locking the product
detector BFO, the PLAM unit also lowers the corner-frequency of ICOM's
low-pass audio filter, giving better bass response than normal SSB mode on
the R71. I find that this improves the intelligibility of the signal.

The PLAM board piggybacks in the mounting area for the ICOM FM option
board; both can coexist. Installation is somewhat difficult, as it involves
connecting over a dozen wires to various boards in the R71.

Eskab & Edvis also offered a 4 KHz 2nd IF crystal filter for the R71. This
installs fairly easily in place of the narrow CW filter. It is very much
better than the stock ICOM 6 kHz bandwidth, which is wide-open until it
hits at cheap ceramic filter in the 3rd (455 kHz) IF.

I don't know if Eskab & Edvis still offer the R-71 PLAM and 4 kHz filter.
They used to advertise in the WRTH.

Regarding other options: I believe Sherwood Engineering offers an outboard
synchronous detector for the R71 as well as other receivers. The Kiwa MAP
unit should also be adaptable to the R71.

Also, Dom Moman of Shortwave Horizons publishes a modification manual,
which details mods like enabling the preamp on MW, true pass-band tuning,
sub-10 Hz RIT, etc.

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Kenwood R-2000 - 1

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Kenwood R-5000 - 1

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Kenwood TS-450-1

I know it's not a reciever, but since it has general coverage,I decided to
put it in here.The TS-450S iaN amateur transciever that costs little more than
a R-5000,and if you have your ham ticket or are thinking about getting it,may
be worth checking out if you are in the market for a new toy.I'd be willing
to bet the replacement for the 5000 will look just like the 450,just like the
5000 looks like the 450's predacessor,the TS440S.First thing it is EXACTLY
the same size as the 5000/440.Unlike the 5000/440,it has an LCD display that
is unlike any other I've ever seen.It is almost too bright!The brightness
cannot be adjusted,unfortunatly.The 450 recieves in all the standard modes
except for fax.It has a"normal"keypad unlike the 5000 and the aggravating
CW that is producewhen a major button is pressed can be silenced by y
-a simple menuss,you dont have to cut a wire like the 5000he S-Meter
is a bar-graph type that I like but some people dont.It also has an Audio
meter function that kin baffles me.I still dont know what use it is,but it
looks nice!Probably the most notable thing you will observe when using the
450 is the QUIET!It is so quiet,it seems strange the first couple of times you
use it.The AGC is non-defeatable and has a fast/slow toggle.It is the strangest
and slowest AGC I've ever seen,on slow the S-Meter just sits there and then
SLOWLY goes down.On fast,it just isn't quite so slow.It seems to work ok,but is
really odd.The stock filter for AM is a mile wide but you can add the YK88 AM
filter but you wll lose the open slot for the 8.83 ssb filter.I'm not sure,but
the 450 seems to have the same stock am filter the 5000 has.On SSB,it uses one
of the better Murata ceramic filters and is ok but the optional SSB filters are
highly recommended.The audio is FANTASTIC on all modes and if you put one of
the minimus speakers from Radio Shack on it,you will like it a lot.Dont bother
with the Kenwood speakers,the one that goes with the 450 is not too good and is
expensive too!The ergonomics are pretty good,except for the tuning knob,yes
like all the recent vintage Kenwood rigs,IT DOESN'T HAVE A FINGER HOLE!!Why
does Kenwood insist on putting these awful knobs on all the rigs they have made
lately!All in all,it is a very good riever in almost all respects,and since t
it only costs about $100 more than a 5000,it is worth a lookND as a bonus,
the recieve coverage goes up to 40 mhz!If you are into low band scanning,you
will hear things on the 450 you never knew existed on your scanner.If you can

swing the 450's sister model the TS690,you can recieve all the way to 60 mhz. When the 5000 is put out to pasture,if it's replacement is the 450 without the transmitter,it will be very tough competition for the other makes.All it needs is Sync.detection and you really couldn't ask for much more.

****
Japan Radio Company NRD-515

THE all time most user-friendly recieveof recent vintagHas PBT,analog fine tune,four I.F.bandwiths,AM,LSB,USB,and RTTY modes.There is no squelch but it really doesnt matter much.Of all the recievers I have owned,or ad over here to play with,it is the most sensitive in the SSB modeI have the standard 6 and 2.4 khz filters,and th600 and 300 hz filters whitch are great for RTTY or CW(if you are truly desparate!)The "protection"diodes have been removed due to intermod from a local AM station.The reciever's case,front and back panels are made of Aluminum,no plastic to crack on the 515!The audio in AM is very bad,almost as bad as the Icom R-71a,but in a different way.The audio is "fuzzy"out of the speaker jack,but not too bad out of the record jack but still a little "fuzzy".In the SSB modes,the audio is pretty clear and doesn't fatigue me like the Icom dos far as thergonomics goes,it's almost prefect!All the knobs are the right size,the tuning knob is large and has a nice deep finger hole(Kenwood,are you listening???).The S-meter is big and easily seen across the room.Dynamic range is very good after the diodes have been clipped(a one minute operation).The filters all are good quality and have good shape factors.This was the first "affordable"rig that had a memory option that was worth something with 24 or 96 channels available. The NDH-518 I have(96 ch.)is also made totally out of cast and sheet aluminum and matches the 515's styling.It stores frequency only,unfortunatly, due to the year it was designeIm guessing.There are lots of these recievers floating around on the used market for about $600 or so.Universal seems to have a lot of them passing thrgh the store.

****
Japan Radio Company NRD-525 - 1

This is a great reciever,marred only by bad audio and a hiss that will drive you bonkers if you have good hearing and a speaker that can put out the highs. I have had two of these,the first I traded for a sateite setup,and the one I have now.The newer reciever has mucbetter audio then the first one and lesess hiss too.Ergonomics are very good MUCH,MUCH better than the Drake R-8.(IMHO,the Drake is seriously overrated and all the stuff about made in the U.S.A.is kind of funny cause a LOT of the innards are MADE IN JAPAN!!!)Oh well,back to the 525,if you are into AM,it's probably not the reciever for you, but in allthe other modes,it is one of the best consumer grade recievers ever made.Performance in all modes is basically excellent except fothe audio pr problem,and stability is rock solid.JRC has only cut a few corners compared to the 515,probably the ultimate in construction for consumer recievers. The case is made of very thin sheet metal and the front panel is plastic.The keys fit loose in the keypad but work ok.The display has four brightness levels and is very easily read from across the room.The S-Meter is "digital" and is a floating vertical bar segment that seems to be yellow on some samples,

and green on some others.It is sort of "spastic"and twitched a lot on the first one I had,but not as much on the seconone.The first 525 I had would "click" on strong AM signals,but the new one doesn't.The main tuning knob spins very smoothly and has a nice finger hole.(KENWOOD,WHY DONT YOU LISTEN!!) All in all, a great reciever.

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Japan Radio Company NRD-535D - 1

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Yaesu FRG-100 - 1

****
Panasonic RFB-65L - 2

$220 from Universal, EEB, etc. -- my main set, an excellent portable, many features, nice construction and details.

****
Sony SW-55 - 2

This is my principal radio at the present time (I also have the Sony ICF-SW33 and the Sony 7601). This rig is an extremely sophisticated piece of equipment. I especially like the fact that you can store up to 125 frequencies on 25 electronic pages that can be named as you wish (by country). Once programed this is very convenient. The two filter selections are well chosen (much better than the stock Sony 2010 filters). My use the radio to copy WEFAX with excellent results attests to its stability (and that it receives USB and LSB).

The versatile timer/alarm and tape remote feature allow automatic recording with certain tape recorders (Sony and others) of up to five times and frequencies in a 24 hour period. I use this feature all of the time. Audio (stereo on FM) qualitity for a portable is very good; better I believe than the stock 2010 although as with the 2010, it is improved with a set of external speakers.

Unlike the 2010, the SW55 does not have synchronous detection. That's too bad because I believe that if it had this feature it would blow away
tition. As it stands it is an excellent radio. Most interference can be eliminated with the narrow filter or moving away from the interference a bit (the radio is tunable in steps of 0.1 kHz) so the lack of sd is not critical. I really believe that Sony did not include it because it would have then had a very negative impact on sales of the SW77.

Would I buy this radio again. You bet! The only problem I've had in the year an
owned it is that the lettering has worn off the 1, 5, 0 and EXE keys on the keypad. That should not happen on a $300.00 radio!

****
Philips AE3905 - 1

In short, in my experience, the AE3905 is no real great shakes. It looks neat as hell, and marks its owner as a man of taste and distinction with more money than brains (like I said, *I* have one). Its shortwave performance is mediocre. Using this in a hotel last February, I found that attaching the included reel antenna caused the radio to overload fairly badly. The batteries don't last very long. The filters included are fair, but you still get a fair amount of interference from adjacent stations (not as bad as some small portables, but not good). I certainly wouldn't want to use this as my primary radio. For portability, it's fantastic. I can listen to the BBC or VoA anywhere. The radio fits in my shirt pocket, although reception in my pocket isn't all that good. In short, the radio isn't worth what Philips charges for it, but if you've got more money than you know what to do with and a desire to have a flashy looking toy, it'll do. The radio has only recently been available in small quantities in the U.S., and appears to have been discontinued in Europe. I got a reconditioned copy for $179 from the Magnavox factory outlet in Kentucky. Universal lists the radio in their catalog for something like $250 new if I recall correctly. You're not likely to find it anywhere else.

John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

809. Re: FCC Database Online For Calif.

Newsgroup: rec.radio.scanner
Date: 1994-02-01 15:41:28 UTC
From: nsyslaw@riogrande.acs.ncsu.edu
Message-ID: <1994Feb1.154128.15507@ncsu.edu>
Source record: 277361
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

Jim Hollenback (jholly@cup.hp.com) wrote:
: Michael D. Maxfield (tweek@netcom.com) wrote:

: : I too was hoping for a little different implementation. I noticed that
: : you must exactly match the Licensee name (MC DONALDS REST works whereas
: : MC DONALDS does not work) as it is in the licensee field.

: of all the things to listen to on a scanner, I still am trying to figure
: out why some one would want to listen to "that's a big Mac, ...". Watching
: paint dry must really make some people wet thier pants.

Quite the contrary. I found one by accident, and while waiting for a
simple cup of coffee I could tell the two cars who had ordered before me
were going to cause a 15 minute + wait. I decided quickly (because I'd
heard the order/reply/sleepiness of the clerk) that maybe I should go
elsewhere. Had I not heard what was in front of me, I'd probably have
waited until I was fuming mad and then left. So now, I don't need blood
pressure treatment! :)

Actually - any radio broadcast has it's usefulness. Its up to the
listener to decide what that usefulness is. (and it's legality, of
course, disclaimer alert, etc, etc, etc)

--
Lou Williams (nsyslaw@acs.ncsu.edu) | aka: KE4ARM
Unix Systems Programmer | Phone: (919) 515-2794
NCSU Administrative Computing Services | FAX: (919) 515-3787

February 1st, 1993, The Raw Deal Countdown continues:
Day 378 for the poor & middle class.
Day 397 for the rich & the dead. (due to retroactivity)
1082 Days remaining for all of us.
----

810. Pro-43 cell mod info

Newsgroup: rec.radio.scanner
Date: 1994-02-01 15:54:09 UTC
From: fenno@jupiter1.mae.ncsu.edu
Message-ID: <1994Feb1.155409.16420@ncsu.edu>
Source record: 277362
Cross-posted to: rec.radio.scanner,alt.radio.scanner

First of all, thank you to all those who responded to my request for help on the cellular modification of my Pro-43. The modification called for removing diode D4 (which restores the cell band) and then putting the D4 diode in the previously empty D3 position (which extends the lower band between 54 MHz and 88 MHz). My problem was that I had damaged the diode in the process of removing it from the D4 position and, thus, could not extend the lower band. I realize that the extended frequency range is mostly just TV channels 2 through 6, but it still might be fun to go exploring.

The solution: I got in touch with the Tandy Parts center in Fort Worth. Their address and phone number is:

Tandy National Parts Center
900 E. Northside Dr.
Fort Worth, TX 76102.
(817)870-5600

I got a copy of the Pro-43 service manual for under $6.00 and a replacement diode for $1.22 (Mfr's Part No. MA110). They were very helpful and were more than happy to take my credit card number and send the stuff right out via UPS. It arrived in less than a week. The diode is now in and works just fine.

811. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-02-01 16:49:06 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2im162$3f9@cronkite.ocis.temple.edu>
Source record: 277364

-=FOOBARF=- (camter28@astro.ocis.temple.edu) wrote:
: Victor Healey (vhealey@crl.com) wrote:

: : Is the Pro 43 any good? Yeah i know it is radio shacks top hand held but
: : I see many apparently do not like dieplay battery life and unreliable
: : speaker .

: I don't think that it is worth 120, but the pro43 has EEproms for the
: memory, so that when you take the batteries out, you will never loose your
: frequencies that you programmed.

: : Comments... I take the 46 back in a heartbeat if you can tell me why the
: : 43 is worth $120 more cash outlay.

: : PS I do know what triple conversion is but is it worth $120?

: The triple conversion scheme is only for the 800-900 band. It uses
: a downconverter for 800-900 and converts them to 400-500 and then processes
: them normally. A downconverter only costs 45 or something.

:

812. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-02-01 16:51:52 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2im1b8$3f9@cronkite.ocis.temple.edu>
Source record: 277365

-=FOOBARF=- (camter28@astro.ocis.temple.edu) wrote:
: -=FOOBARF=- (camter28@astro.ocis.temple.edu) wrote:
: : Victor Healey (vhealey@crl.com) wrote:

: : : Is the Pro 43 any good? Yeah i know it is radio shacks top hand held but
: : : I see many apparently do not like dieplay battery life and unreliable
: : : speaker .

: : I don't think that it is worth 120, but the pro43 has EEproms for the
: : memory, so that when you take the batteries out, you will never loose your
: : frequencies that you programmed.

: : : Comments... I take the 46 back in a heartbeat if you can tell me why the
: : : 43 is worth $120 more cash outlay.

: : : PS I do know what triple conversion is but is it worth $120?

: : The triple conversion scheme is only for the 800-900 band. It uses
: : a downconverter for 800-900 and converts them to 400-500 and then processes
: : them normally. A downconverter only costs 45 or something.

: :

813. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-02-01 16:53:50 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2im1eu$3f9@cronkite.ocis.temple.edu>
Source record: 277366

SORRY SORRY SORRY.

It's obiously not working, but I am trying to post a letter that I saved
that someone pointed out to me that My claim of the pro43 using a downconverter
is falsw.

I am wrong on that, and the pro 43 does not use a downconverter, but in
fact uses triple conversion for all bands that It covers, according to the
manual.

Any other comments are greatly appreciated.

814. Re: FCC Database Online For Calif.

Newsgroup: rec.radio.scanner
Date: 1994-02-01 17:08:16 UTC
From: tweek@netcom.com
Message-ID: <tweekCKK29t.7qD@netcom.com>
Source record: 277367
Cross-posted to: rec.radio.scanner,alt.radio.scanner,ba.broadcast,rec.radio.amateur.misc

In article <CKIGvt.4zw@cup.hp.com> posted to the Usenet Newsgroup(s)
rec.radio.scanner,alt.radio.scanner,ba.broadcast,rec.radio.amateur.misc
jholly@cup.hp.com (Jim Hollenback) writes:
>Michael D. Maxfield (tweek@netcom.com) wrote:
>
>: I too was hoping for a little different implementation. I noticed that
>: you must exactly match the Licensee name (MC DONALDS REST works whereas
>: MC DONALDS does not work) as it is in the licensee field.
>
>of all the things to listen to on a scanner, I still am trying to figure
>out why some one would want to listen to "that's a big Mac, ...". Watching
>paint dry must really make some people wet thier pants.
>

Actually, that was just to test the system... Drive-ups indeed are rarely
exciting... although there may be other interesting things on the same
frequency... I remember one day in particular, after setting up some
audio-visual equipment for a conference at a conference center I do some
work at, I sneaked a peek at the frequency on the groups wireless
microphone and punced the frequency into my car's scanner... well, within a
mile from the conference center, I picked up three different transmissions...
the local McD's... the Dave DelDotto Conference, and the treat ;-) an
aerobics class at the local Health Club 1-2-3-breath ;-)

815. cordless phone range

Newsgroup: rec.radio.scanner
Date: 1994-02-01 17:24:40 UTC
From: srbeckle@cbnewse.cb.att.com
Message-ID: <CKK31H.Fv0@cbnewse.cb.att.com>
Source record: 277368
Cross-posted to: rec.radio.scanner,alt.radio.scanner

```
>> The typical range of a cordless phone is at 1000 feet. If you are in a
>> (stuff deleted)
>> Jerry...Chicago
>>
~

That's why I don't own a cordless phone...everyone I talk to lives
a lot farther than 1000 feet from my house.

Steve Beckle
AT&T Bell Telephone Laboratories
```

816. Coverage extension mod for FRG-9600/965

Newsgroup: rec.radio.scanner
Date: 1994-02-01 17:33:17 UTC
From: asirene@ntuvax.ntu.ac.sg
Message-ID: <1994Feb2.013317.1@ntuvax.ntu.ac.sg>
Source record: 277369
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hi,

I have a mod to extend the coverage of FRG-9600 from 20 mHz to
950 mHz. Very simple, no convertor involved. Interested, please mail
me.

73 de 9V Daniel

817. 200XLT/205XLT info wanted

Newsgroup: rec.radio.scanner
Date: 1994-02-01 18:15:08 UTC
From: scott@redstorm.nawc-ad-indy.navy.mil
Message-ID: <9402011815.AA00789@cs.utexas.edu>
Source record: 277370

Can anyone give me information on the frequency coverage of the Bearcat 200XLT/205XLT scanners. Also any information on scan and search rate as well as any other features would be appreciated.

A friend is considering buying this scanner from Damark.

Thanks in advance.

| Scott Richardson |
| scott@redstorm.nawc-ad-indy.navy.mil |
| 72237.2420@compuserve.com |

818. Re: FCC Database Online For Calif.

Newsgroup: rec.radio.scanner
Date: 1994-02-01 18:45:28 UTC
From: jkimbro@hercii.lasc.lockheed.com
Message-ID: <CKK6ru.EwD@butch.lmsc.lockheed.com>
Source record: 277287

In article 83A@cbnewse.cb.att.com, parnass@cbnewse.cb.att.com (Bob Parnass, AJ9S) writes:
>
>jholly@cup.hp.com (Jim Hollenback) said:
>
> > of all the things to listen to on a scanner, I still am trying
> > to figure out why some one would want to listen to "that's a
> > big Mac, ...". Watching paint dry must really make some people
> > wet thier [sic] pants.
>
>
>"... don't criticize what you can't understand." - Bob Dylan
>--
>==
> Copyright 1994, Bob Parnass, AJ9S
> AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

But he's right! And by the way, your quote of Mr. Hollenback is incorrect.
His post did not have the "[sic]" in it. Must be a slow day when we resort
to correcting typos!

Jon Kimbrough jkimbro@lasc.lockheed.com
=====
Disclaimer: The opinions expressed herein, either stated or implied, are
solely my own and do not reflect Lockheed's views in any manner.

819. Icom R1 Wanted Immediately

Newsgroup: rec.radio.scanner
Date: 1994-02-01 20:20:07 UTC
From: r_egeland@cc.colorado.edu
Message-ID: <CKKB5L.CyI@Colorado.EDU>
Source record: 277374

I am looking for an Icom R1, and would like to find a used one for less than $300. A friend recently purchased one, and except for the low sensitivity and little intermod, I think it's the best scannner available. Would like to buy before April :-) in case I have to buy one new. I just missed one that was being sold for $250 (DAMN!!!). Thanks for any help.

RDE
R_EGELAND@CC.COLORADO.EDU
719-389-7205

820. Re: WWCR 5.810MHZ 8pm 12pm Eastern(CHECK IT OUT!!)

Newsgroup: rec.radio.scanner
Date: 1994-02-01 20:28:12 UTC
From: eb795@cleveland.Freenet.Edu
Message-ID: <2ime0s$e0i@usenet.INS.CWRU.Edu>
Source record: 277275
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

But socialism is a way to enslave people, do you think it is not?
--
Eric Matthews
eb795@cleveland.freenet.edu

821. SCANNING CELLULAR "DATA CHANNEL"

Newsgroup: rec.radio.scanner
Date: 1994-02-01 20:43:36 UTC
From: bmcmulli@fox.nstn.ns.ca
Message-ID: <bmcmulli-010294164141@halifax-ts2-3.nstn.ns.ca>
Source record: 277276

On each cellular system their is a dedicated data channel (or signalling) that carries all call setup information. When a call is made to a cell phone the the switch send a signal out over the data channel to all sites in the system. This data is (I believe) in a digital format and of an unknown protocal. You can scan the voice channels very easily and when you lock onto the data channel it sounds like you are on a modem or fax line.

There must be a way to decode this information and read it?

Would be very interesting to find out because you could pump this stuff into a computer and see "whats going on in your area?"

Anybody know anything about this?

--
Bill McMullin "I think too much about telecommunications
Bedford, Nova Scotia, and when I can't understand something I
Canada just about loose it!"

822. More ski freqs wanted in PA

Newsgroup: rec.radio.scanner
Date: 1994-02-01 23:11:01 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <53f_9402020700@rccons.lm.com>
Source record: 277278

Reply-To: rccons!aosc_pa@telerama.pgh.pa.us

30 Jan 94 14:23, c002@ns1.cc.lehigh.edu wrote to All:

From: Rob Hart

PENNSYLVANIA SKI FREQUENCY LISTING

LOCATION FREQ SV LICENSEE
PALMERTON 461.7500 IB BLUE MT SKI AREA
PALMERTON 152.9300 IS BLUE MOUNTAIN SKI AREA

PA 155.1600 PS NATIONAL SKI PATROL SYS
PA 155.1750 PS NATIONAL SKI PATROL SYS
PA 155.3400 PS NATIONAL SKI PATROL SYS
PA 155.2200 PS NATIONAL SKI PATROL SYS
PA 155.2650 PS NATIONAL SKI PATROL SYS
PA 155.2350 PS NATIONAL SKI PATROL SYS
PA 155.2950 PS NATIONAL SKI PATROL SYS
PA 155.2800 PS NATIONAL SKI PATROL SYS

USA 464.5500 DURANGO SKI CORP.
USA 464.5500 SKI SCHOOLS INC.
USA 464.5500 SKI CLUBS INC.
USA 151.6250 SKI VIEW CORP.
USA 151.9250 U.S. SKI TEAM
USA 151.9550 U.S. SKI TEAM
USA 467.7250 U.S. SNOWMOBILE
USA 469.4400 U.S. FIGURE SKATING

Rick Christian, AAJP/BSEE
AOSC PA Editor/PCO Peters Twp. P.D.
Internet:rccons!aosc_pa@telerama.pgh.pa.us
Conferences: Race/RF/Use/Fido/AOSCNet SCAN

823. conn state police freq?

Newsgroup: rec.radio.scanner
Date: 1994-02-02 00:12:47 UTC
From: tgosse@world.std.com
Message-ID: <CKKLxC.rI@world.std.com>
Source record: 277279

Dear friends,

A while back there was a conversation about the Conneticut State Police changing their frequencies. Does anyone know if they moved to an 800 MHz trunked system?

My Scanner Master pocket guide list low-band, 42 MHz frequencies. Are these still active?

Thanks in advance for you help,

--

Tom Gosse
N1PHG
tgosse@world.std.com

824. Re: Ann Landers asks Cellular"EXPERT?"

Newsgroup: rec.radio.scanner
Date: 1994-02-02 00:16:59 UTC
From: lrk@netcom.com
Message-ID: <lrkCKKM4C.FvF@netcom.com>
Source record: 277280

In article <2ij59g$og3@panix2.panix.com> schuster@panix.com (Michael Schuster) writes:
>In article <1994Jan31.023544.1@uoft02.utoledo.edu>,
> <cscon0151@uoft02.utoledo.edu> wrote:
>>There was something in Ann Landers(Im pretty sure,it might have been Abby)
>>in the Saturday paper that everybody should find amusing:
>>
>>Some guy wrote in that he was "repairing"a friends scanner and he wanted Ann
>>to alert her readers that "everything you say on a cordless phone or cellular
>>phone is broadcast over a wide area"Well,Ann called an "EXPERT"who worked
>>for a CELLULAR PH.comp and she stated that a scanner could only pick up one
>>side of a conversation!OK!!!!!I guess the phone companies will say anything
>>rather than admit that cellphones arent private in any way!I got a good laugh
>>out of it!!
>
>Actually, many cellular switches have echo cancellation circuitry which
>pretty much blanks out one side. So you will only hear one side of the
>conversation, even when tuned to the cell output frequencies.
>
Not likely. However, the cellular side is 'four wire' so you don't hear
the other side if it happens to be another cell phone or an ISDN line.

825. Sources of Yupiteru. What's the difference?

Newsgroup: rec.radio.scanner
Date: 1994-02-02 01:02:28 UTC
From: gesman@ionews.io.org
Message-ID: <2imu34$6td@ionews.io.org>
Source record: 277293

So far the only sources for MVT-7100 I've noticed are Javiation (in UK) and
Radio Lorenz in Montreal. No one ever considered other Canadian sources.
I am planning to purchase it and just wonders is that the only sources?
Here in Toronto I opened Yellow Pages, found few stores and all of them
had MVT-7100. I visited one and guy demonstrated me how easy it receives
Local TV news channel or cellphone conversations.
Does anyone purchased this unit in Toronto or area?
Should I stay away of local stores and ham radio clubs for some reason?
Should I order it from Montreal or so? Or maybe source of this model is
the problem only for US folks?
I'd appreciate any information about warranties and policies of resellers.

--
Gleb Esman.

826. Re: Ski patrol radio frequenc

Newsgroup: rec.radio.scanner
Date: 1994-02-02 01:06:04 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CKKoE6.A40@cbnewse.cb.att.com>
Source record: 277294

Raymond.Hartley@f601.n3661.z1.ronnie.wsnc.org (Raymond Hartley) said:

| Bob,
| If you don't mind a question coul you tell me what program you use to
| keep up with your freqs. I am looking for a program to keep mine in. I
| don't think I have ever seen one that has a print out like that before.
| It look like one that might fit my bill. What is the name of it and
| where could I get a copy?

Sorry, all my frequency database software is homebrew.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

827. Re: BC200XLT from Damark

Newsgroup: rec.radio.scanner
Date: 1994-02-02 03:59:24 UTC
From: ae631@yfn.ysu.edu
Message-ID: <2in8es$bq8@news.ysu.edu>
Source record: 277281

I've had a reconditioned Damark scanner for over a year with no problems,
in fact I have two.. I would go ahead and get the 1 yr extended repair
coverage for $20 to play it safe..
David

828. Re: DTMF Decoders - Where?

Newsgroup: rec.radio.scanner
Date: 1994-02-02 04:12:32 UTC
From: n1ist@netcom.com
Message-ID: <n1istCKKx0w.FxL@netcom.com>
Source record: 277282

In article <2icrn5$lla@lynx.dac.neu.edu> ttait@lynx.dac.neu.edu (Timothy Tait) writes:
-There are a number of cheap IC's (<5$) that decode touch-tones well with
-little external circuitry. On example I know of is the Silicon Systems
-Semiconducter SSI202 an 18? pin dip. All you need is a color-burst xtal
-and a few resistors + caps to have an excellent decoder - the tricky
-part is the display - the chip has 8 outputs for the 4 rows and 4
-colunms.

Actually, it has 4 bits and a strobe coming out - should be trivial to connect
it up to a PC printer port...
/mike
--
\|/ Michael L. Ardai N1IST Teradyne ATG Boston
--- --
/|\ ardai@maven.dnet.teradyne.com n1ist@netcom.com

829. Re: BC200XLT for sale

Newsgroup: rec.radio.scanner
Date: 1994-02-02 05:12:48 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb2.051248.19528@hpcvaac.cv.hp.com>
Source record: 277300
Cross-posted to: rec.radio.scanner,alt.radio.scanner

twm@pancreas.csc.ncsu.edu (Ton') writes:
: BC200XLT hand-held scanner
:
: - cellular range restored
: - 200 channels
: - search, scan (of course)
: - one-touch weather
: - runs off NiCd battery pack (included)
: - AC adapter/charger
:
: $120 shipped.
:
: Get yours before the new manufacture/import laws go into effect in April!

If you are interested in celllular, then the BC200 is a piss-poor choice.
It does not receive with the proper channel spacing - so some channels will
be distorted, and you are unlikely to even receive others.

Bill

830. PRO 37

Newsgroup: rec.radio.scanner
Date: 1994-02-02 06:31:03 UTC
From: SABOT@uhavax.hartford.edu
Message-ID: <CKL3Ft.9IK@hartford.edu>
Source record: 277283

Does anybody have a Radio Shack Pro-37 Scanner out there. I want to know if there are any MODS available, thanks.

831. Re: Cellphone-->>Scanner??

Newsgroup: rec.radio.scanner
Date: 1994-02-02 09:23:02 UTC
From: scrooge@moneybin.equinox.gen.nz
Message-ID: <4954gc5w165w@moneybin.equinox.gen.nz>
Source record: 277323

cscon0151@uoft02.utoledo.edu writes:

> A file containing the instructions AND codes to reprogram cell phones [NAMM
> codes not included *grin*] for quite a few popular models exists on a FTP
> site (I forget which). I remember reading the file, it had step by step
> procedures on how to do it.

You big tease! :-)

Glenn.

Glenn Murphy. +64 3 3811862. 1 Traynor Lane
Avonside
Christchurch 8006
New Zealand.

---

832. Re: want to build reciever for 108-137Mhz

Newsgroup: rec.radio.scanner
Date: 1994-02-02 10:00:05 UTC
From: elendir@enst.fr
Message-ID: <2intj5$aui@cismsun.univ-lyon1.fr>
Source record: 277284
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.scanner

Kristopher Hurt (cyborg@infinet.com) wrote:
: Chad Berthelson (berthec@osiris.cso.uiuc.edu) wrote:
: : As the subject line says, I want a tunable receiver that will pick
: : up Air Bands (108-137 Mhz).

: You can convert any standard Broadcast FM reciever to get Aircraft. To do
: so is a matter of spreading the tuning coil (a length of copper wire in a
: coil, usually coated with wax) out pretty much as far as they can go.

Be careful that while FM broadcast is FM :), aircraft band is AM. SO that
is more than a simple mod. (At least in Europe)

Vince.

833. Mexico

Newsgroup: rec.radio.scanner
Date: 1994-02-02 16:31:41 UTC
From: mstone@nyx.cs.du.edu
Message-ID: <1994Feb2.163141.5087@mnemosyne.cs.du.edu>
Source record: 277286

Does anyone have any Peurto Vallarta mexico frequencies (or around there)
as I am goinf down there during March Break and hopefully I will
bring my scanner with me..

Matthew

834. Re: SCANNING CELLULAR "DATA CHANNEL"

Newsgroup: rec.radio.scanner
Date: 1994-02-02 17:06:29 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.62.000B1C06@CCCS.UMN.EDU>
Source record: 277288

In article <bmcmulli-010294164141@halifax-ts2-3.nstn.ns.ca> bmcmulli@fox.nstn.ns.ca (Bill McMullin) writes:
>From: bmcmulli@fox.nstn.ns.ca (Bill McMullin)
>Subject: SCANNING CELLULAR "DATA CHANNEL"
>Date: 1 Feb 1994 16:43:36 -0400

>On each cellular system their is a dedicated data channel (or signalling)
>that carries all call setup information. When a call is made to a cell
>phone the the switch send a signal out over the data channel to all sites
>in the system. This data is (I believe) in a digital format and of an
>unknown protocal. You can scan the voice channels very easily and when you
>lock onto the data channel it sounds like you are on a modem or fax line.

>There must be a way to decode this information and read it?

>Would be very interesting to find out because you could pump this stuff
>into a computer and see "whats going on in your area?"

>Anybody know anything about this?

I found this article from Ed Gurney in my archives. It looks like it should do what you want if you spring for a R-7x00.

--rick

==========
From: egurney@vcd.hp.com (Ed J. Gurney)
Subject: Cellular Data Snooper article in Nuts & Volts
Sender: news@vcd.hp.com (News user)
Message-ID: <CBwx9L.8J7@vcd.hp.com>
Date: Tue, 17 Aug 1993 16:46:32 GMT
Organization: Hewlett-Packard VCD
X-Newsreader: TIN [version 1.2 PL1.2]
Lines: 66

The August '93 Nuts & Volts magazines has a review of the CSI, the Cellular Surveillance Interface test set on page 81. It's a "little box [that] can do an awful lot when coupled to a good scanner and an IBM-compatible computer." I found it very interesting; I'm amazed that someone hasn't come out with a cheaper version with the wide-spread availability of cellular-specific ASICs out there. Below are some extracts from the article; see the whole thing for pictures and sample data output from the device.

The CSI "allows you to survey the messages being broadcast over a control channel or being spit out by a phone." The device is marketed by Spytech, a division of Electronic Countermeasures Inc. of Canada. "The CSI will interpret data on the control channel from any scanner capable of receiving wideband FM and delivering quality audio. Many stock scanners can be modified to provide this clean signal to the CSI. The firwmware outputs plain ASCII text at 9600 baud and could be used with a dumb terminal."

"In one mode the CSI follows the first call on the forward control channel directed to a voice channel. When the call is completed, the unit returns to the control channel and displays the overhead message data until another call is processed and handed a voice channel. Then that call is followed from frequency to frequency to frequency. One of the other CSI modes just displays all of the data streaming on the forward control channel and doesn't follow any calls. It can also be programmed to track voice calls when they involve a specific cellular phone."

"While the CSI can control an ICOM radio directly, it can also control other radios via the PC software when the radio is equipped with a serial port for computer control. Manufacturers such as Datametrics produce kits to add this feature to several popular Radio Shack scanners. The CSI is then connected to one of your PC's serial ports while the radio is connected to another RS-232 port." Spytech has modification kits and instructions for many scanners to get audio of sufficient bandwidth to the CSI, and includes the appropriate info with your order.

The device is available for US$394 until 12/15/93, including shipping and modification info for your radio if available. An info packet is available for $3.00. E-mail info is available via bill.fischer@t8000.cuc.ab.ca if you'd like an on-line reply. There address is Spytech, Division of Electronic Countermeasures, Inc., 65-31 Avenue South West, Calgary, Alberta, Canada T2S 2Y7.

If you want a copy of the EIA standard on the format of the cellular data fields, you can purchase the "Cellular System Mobile Station -- Land Station Compatiblity Specification" from:

Electronic Industries Association
Attn: Engineering Department
2001 Eye Street N.W.
Washington, DC 20006

Does anyone have any info on "Datametrics"? Is their kit for the Pro-200x any cheaper than the CommTronnics HB-2323 ($194.95 + $5 S&H)?

--
Eddy J. Gurney N8FPW Hewlett-Packard Company, Vancouver (USA!) Division
egurney@vcd.hp.com #include <standard-disclaimer.h>
"Failures are divided into two classes-- those who thought and never did,

and those who did and never thought." John Charles Salak

+---+
| Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
| Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |
| Cancer Screening Trial voice: (612) 627-4151 |
| University of Minnesota fax: (612) 627-4158 |
| 212 Ontario St SE, Suite 202 |
| Minneapolis, MN 55414 |
+---+

835. PRO-46 mods for CB frequencies

Newsgroup: rec.radio.scanner
Date: 1994-02-02 17:15:36 UTC
From: ms_anton@acad.fandm.edu
Message-ID: <1994Feb2.221537.679@acad.fandm.edu>
Source record: 277289

I currently own a Pro 46 scanner and I was wondering if anyone out there knew if it is possible to modify it so it can pick up the CB range, 26-29 MHz. I anyone knows how, I would greatly appreciate writing back to me with very explicit directions. I'm not the greatest with electronics and don't want to ruin my scanner. (I love it!!) Thanks.

Marc

If you choose you can e-mail me directly at MS_ANTON@fandm.edu OR you can post it to the newsgroup.

836. ICOM R-1 vs. AOR1500??

Newsgroup: rec.radio.scanner
Date: 1994-02-02 18:43:41 UTC
From: rgb@cbnewsj.cb.att.com
Message-ID: <CKM1DB.BE9@cbnewsj.cb.att.com>
Source record: 277290
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

If you have any information on either of these radios that
might help in deciding which to purchase, PLEASE let me know!

Thanks!
Rich Bantel rb\@mtqua.att.com 908-957-2710

837. Re: It's that kinda world

Newsgroup: rec.radio.scanner
Date: 1994-02-02 18:43:46 UTC
From: clinehe@cherokee3.rtsg.mot.com
Message-ID: <2ios92$uf@delphinium.cig.mot.com>
Source record: 277291

While on the road...

The police dispatcher was describing the suspect of an armed robbery, "Brown hat, black jacket, white pants. Jacket has some round insignia in white on it." Just after this someone interjected "That's the target!". Then other traffic continued without skipping a beat. It was for one of Chicago's busier districts.

838. Re: CHP FREQS.

Newsgroup: rec.radio.scanner
Date: 1994-02-02 19:00:29 UTC
From: jparkyn@kilroy.jpl.nasa.gov
Message-ID: <2iot8d$57t@elroy.jpl.nasa.gov>
Source record: 277292
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <1994Jan31.164628.1@vms4.sci.csupomona.edu>,
Alex Myrman <armyrman@vms4.sci.csupomona.edu> wrote:
>In article <2ihjkn$gpk@claris.com>, agosta@claris.com (Keith Agosta) writes:
>> Hi:
>>
>> I would like any info. on CHP Freqs. that I can get. I am currently monitoring
>> both the Base and mobile freqs. for all of the Bay area, but I only get the
>> dispatch side of the conversation. I have checked the freqs. through various
>> postings and also the Bay Area Freq. Directory. Can someone tell me why I only
>> hear one side of the conversation. I also monitor the handheld/repeater freq.
>>
>> Keith
>--
>
>I too rarely hear anything but the dispatch side of the conversation
>with CHP unless the units are fairly close (10 miles?). Their radios
>are 50-100 watt's and should be heard everywhere and alot more often
>I would say. I use a pro-2006 with a discone, so cutting the antenna
>for 40 megs would help. I'm also about 800 feet above average terain
>so it's not like I'm in a pit. I'm not sure why hearing the mobile
>transmissions is so much more difficult given the above conditions.
>
>
>With MDT's these days there is probably not much traffic anyway.
>
>---
>Alex Myrman
>KC6TMB
>armyrman@vms4.sci.csupomona.edu
>

I use a 50 MHz ringo style antenna I picked up at a local ham swap meet.
I didn't really try to fine tune it but used the instructions and extended
the element to full length. Works far better that the ICOM discone. You can
aslo try monitoring the extender VHF frequency for your area. Ours is
154.905 MHz

Jim

PS: To anyone who used to call the SAC BBS in Orange, CA, a new one using
Wildcat will be up with an 818 area code as soon as I get the phone line
installed.

839. From Usenet to print

Newsgroup: rec.radio.scanner
Date: 1994-02-02 20:28:30 UTC
From: paulb@harley.tti.com
Message-ID: <1994Feb2.202830.3211@ttinews.tti.com>
Source record: 277295
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.amateur.misc,tti.vox

Back on May 13th, I published an article on USENET about a SWAT incident that involved using my home as a command post.

Several readers suggested that I send the article to Monitoring Times or QST. I really did not think that either publication would have any interest in it, but since it was already written, I sent it to MT with a note that I can clean it up if they were interested.

They said that they were and would pay me $75 plus a year's sub, if published. They also said not to rewrite it too much or it would lose the spontanaity.

So, I cleaned it up & resubmitted it. It is on page 27 of the February issue. Thanks to those that suggested that I publish it!

Paul

"We hate our politicians so much that if they tell us that they lied, we don't believe them" -- Peter Newman
---
Paul Blumstein, paulb@harley.tti.com, DoD #36, ABATE, AMA, HOG, BWA #1
Transaction Technology, Inc., Santa Monica, CA

840. Scanner Repair Location.

Newsgroup: rec.radio.scanner
Date: 1994-02-02 21:10:21 UTC
From: amuljadi@ivan
Message-ID: <1994Feb2.211021.1@ivan>
Source record: 277296

Does anyone know where the location of Scanner Repair Shop around Dallas, TX or Little Rock, AR is?

Another question is which one is better; rubber duck antenna or extended-metal antenna that is sold in RS for around $9.00 ?

Thank You.

841. Re: want to build reciever for 108-137Mhz

Newsgroup: rec.radio.scanner
Date: 1994-02-02 23:29:27 UTC
From: cyborg@infinet.com
Message-ID: <2ipd0n$8r7@rigel.infinet.com>
Source record: 277297
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.scanner

Elendir (elendir@enst.fr) wrote:
: Kristopher Hurt (cyborg@infinet.com) wrote:
: : Chad Berthelson (berthec@osiris.cso.uiuc.edu) wrote:
: : : As the subject line says, I want a tunable receiver that will pick
: : : up Air Bands (108-137 Mhz).

: : You can convert any standard Broadcast FM reciever to get Aircraft. To do
: : so is a matter of spreading the tuning coil (a length of copper wire in a
: : coil, usually coated with wax) out pretty much as far as they can go.

: Be careful that while FM broadcast is FM :), aircraft band is AM. SO that
: is more than a simple mod. (At least in Europe)

: Vince.

Read the last couple of lines again...The last step of the mod changes
the reception from FM to AM. This mod takes all of 10 minutes to do.

Later,
Kristopher D. Hurt
cyborg@infinet.com

842. AR-3000 Software

Newsgroup: rec.radio.scanner
Date: 1994-02-02 23:33:42 UTC
From: jefft@gatecom.com
Message-ID: <gate.Vu05gc1w164w@gatecom.com>
Source record: 277298

I know there are several diffrent types of software out there that will drive the AOR AR-3000. I was wondering if anyone had any opinions on the different types of software out there? Also, is there anyone working on a Mac driver for the ar-3000? Thanks in advance for the info.
Jeff Trudell

Gateway Online ... 38 Line Multi-user Interactive Information System
Taylor, Michigan - (313)291-5571 2400 baud (313)291-5571 9600 baud
Sysops: Bill Mullen - Jeff Breitner

843. Bearcat Mr. Scanner club

Newsgroup: rec.radio.scanner
Date: 1994-02-02 23:36:12 UTC
From: jefft@gatecom.com
Message-ID: <gate.yu05gc1w164w@gatecom.com>
Source record: 277299

A friend of mine just bought a bearcat scanner and it came with a brocure for a Mr. Scanner Club. Is anyone out there a memeber? What type of club is it. Also, I live in the Detroit, MI area, does anyone know a good scanner club around this area? Thanks in advance for any input.
Jeff Trudell

Gateway Online ... 38 Line Multi-user Interactive Information System
Taylor, Michigan - (313)291-5571 2400 baud (313)291-5571 9600 baud
Sysops: Bill Mullen - Jeff Breitner

844. AOR AR2002 . AUSTRALIA. MODS.

Newsgroup: rec.radio.scanner
Date: 1994-02-03 00:16:50 UTC
From: u9270264@wumpus.cc.uow.edu.au
Message-ID: <2ipfpi$dsd@wumpus.cc.uow.edu.au>
Source record: 277301

Hi there.

I own a A*R 2002 scanner and want to know what modifications I can do to it.

I also have a 486 dx 33 at my disposal.....

Can I install a serial cable to the scanner and run it through my computer?

Can I transmit through my scanner....with some mods...

Thank you for any help.

Mike Jones : u9270264@wumpus.cc.uow.edu.au

845. Cellular world.

Newsgroup: rec.radio.scanner
Date: 1994-02-03 00:48:12 UTC
From: an60557@anon.penet.fi
Message-ID: <005310Z03021994@anon.penet.fi>
Source record: 277302
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hi, all! Sorry for screwed upped messages. I will be re-send 'em as soon
as in 24 hours.

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

846. FNEWS -> Re: Powering portables

Newsgroup: rec.radio.scanner
Date: 1994-02-03 01:24:49 UTC
From: jebright@magnus.acs.ohio-state.edu
Message-ID: <199402030124.UAA02920@bottom.magnus.acs.ohio-state.edu>
Source record: 277303

I thought this news article would be of interest to you.

--- James R Ebright

Newsgroups: sci.aeronautics.airliners
Path: magnus.acs.ohio-state.edu!usenet.ins.cwru.edu!howland.reston.ans.net!news.moneng.mei
.com!uwm.edu!fnnews.fnal.gov!unixhub!ditka!ohare!bounce-back
From: drinkard@bcstec.ca.boeing.com (Terrell D. Drinkard)
Subject: Re: Powering portables
References: <airliners.1994.885@ohare.Chicago.COM> <airliners.1994.890@ohare.chicago.com>
<airliners.1994.899@ohare.chicago.com>
Message-ID: <airliners.1994.903@ohare.Chicago.COM>
Approved: kls@ohare.Chicago.COM
Organization: Boeing Commercial Airplane Group
Sender: kls@ohare.Chicago.COM
Lines: 76

In article <airliners.1994.899@ohare.chicago.com>,
James R Ebright <jebright@magnus.acs.ohio-state.edu> wrote:
>In article <airliners.1994.890@ohare.chicago.com>,
>Kurt W. Dekker <kwd@netcom.com> wrote:
>>Regarding powering portables, I recently heard about an incident where an
>>aircraft was advised by ATC that they were several miles off their
>>assigned route,
>...
>
>Is this stuff Urban Legend (Aircraft Legend?) or is it true?

It is very true.

>Delta now lets you run scanners except at takeoff/landing... ...some carriers
>seem not to mind shavers, PCs, radios... Some seem to ban them. There appears
>to be little consistancy.

There is a technical committee working on that.

>Given the huge amounts of RFI already existing, especially around airports,
>(some flight paths are quite near multi-hundred megawatt xmitters) I wonder
>what the facts are. Is there any non-anedotal, scientific information on this
>topic?

Yes, but you can't have it. :-) Seriously, the FAA and AvWeek have
published gobs on the subject. From an aircraft systems point of view, let
me give you my two cents worth.

The navaids come in all varieties. Some have a coax that runs from the
antenna (typically near the midbody of the aircraft) to the box in the

rack, some (like the ADF) have a box near the antenna and run unshielded wires in tracks under the floor and sidewalls in the passenger cabin to the box in the rack. The box in the rack is right underneath the first class cabin in most airplanes. Some aircraft have boxes in racks in the cabin with the passengers (Fokker 100 for example). All of you EE types should be familiar with the possibility of cross talk between and unshielded digital device such as a consumer-class CD player and another digital system running through unshielded wires.

Aircraft flying by multi-megawatt transmitters are the subject of HIRF testing, a recent and very expensive certification requirement. However, the inverse square law works in your favor here, where it wouldn't with a portable computer or CD player in the cabin. BTW, a cellular phone is considered to be the most hazardous consumer electronic device on board the airplane, and there are a number of documented incidents involving their influence on the navigation systems. I think they may well be involved in the rash of rudder hard-overs on landing that commercial carriers have experienced lately. (Airplane is landing, the busy traveler sneaks out the cell-phone to confirm the rent-a-car or tell Boopsie he has arrived - BTW, he didn't believe the cabin crew when they asked him not to use his phone on the airplane until it arrived at the gate.)

For those who didn't catch it, airplane wiring is rarely shielded. Shielding is very heavy (and there are several miles of wiring in every airplane these days) and costs the airlines in terms of more fuel burned to haul it through the air, which in turn costs the consumer more for the ticket (or makes the airline lose more money depending on your paradigm).

>(Karl, sorry to restart an old thread...but it died last time before we
>got any really useful information.)
>--
> A/~~\A 'moo2u from osu' Jim Ebright e-mail: jre+@osu.edu
>((0 0))_______ "Education ought to foster the wish for truth,
> \ / the \ not the conviction that some particular creed
> (--)\ OSU | is the truth." -- Bertrand Russell
>

--
Terry
drinkard@bcstec.ca.boeing.com
"Anyone who thinks they can hold the company responsible for what I say has more lawyers than sense."

847. Re: BC200XLT from Damark

Newsgroup: rec.radio.scanner
Date: 1994-02-03 03:23:47 UTC
From: "Frank Cusack Jr." <fcusack@psu.edu>
Message-ID: <2ipqo3$osh@genesis.ait.psu.edu>
Source record: 277304

In article <2inh0k$251@agate.berkeley.edu> Alan Michael Gutman,
gutman@uclink.berkeley.edu writes:
> Would someone kindly post some more information on Damark.
> -Is it a mail order house?
> -What are their prices?
> -What is their phone number?

Yes, cheap, 800/729-9000

they sell surplus/discontinued/reconditioned merchandise. You can get new
(at least I believe they're new) BC200XLT's at Walmart for about $260.
You can get a new PRO-43 from Marymac for $288. No contest!

--Frank

848. RE: Police codes

Newsgroup: rec.radio.scanner
Date: 1994-02-03 03:25:08 UTC
From: "Frank Cusack Jr." <fcusack@psu.edu>
Message-ID: <2ipqqk$osh@genesis.ait.psu.edu>
Source record: 277305

If anyone needs 10-codes or freqs. for Centre County, PA. Let me know.

-- Frank

849. Freq. DataBase Software

Newsgroup: rec.radio.scanner
Date: 1994-02-03 04:00:56 UTC
From: rflood@cis.umassd.edu
Message-ID: <CKMr5K.4pE@umassd.edu>
Source record: 277306

I was wondering if anyone knows of any software to keep track of
freq's. I took a look in the usuall places and haven't found anything.
I was wondering if anything like this exists.

I have my states scanner master book and know about their on-line
version. But $100 database + $60 program is kinda steep since I
probably won't use 5% of the freq's in it. I would like a program that
would manage my local freq's though. If anyone can point me to such a
thing I would appreciate it.

Thanks in Advance!!
-Rich
--

============================
/---\ Richard M. Flood
| O O | rflood@cis.umassd.edu
------oOO--U--OOo------ rflood@umassd.edu
Always Expose, Explain,and Explore, ============================
that which is forbidden!

850. Yupiteru 7100 cases compared

Newsgroup: rec.radio.scanner
Date: 1994-02-03 04:20:24 UTC
From: mjr@crl.com
Message-ID: <2ipu28$a0@crl.crl.com>
Source record: 277307

I asked here about a week ago regarding a case for my MVT-7100. Someone was kind enough to suggest I contact Howard Bornstein on CIS. His ID is 76174,637. His company is Design Equilibrium in Menlo Park CA. at (415) 328-9181. He has both the stock [Yupiteru] and his own leather cases for sale. Both are 27.95 + shipping & tax. He is at this time out of the vinyl cases, but has some of the leather ones.

There are advantages and disadvantages to both.

The vinyl case protects the radio much better from dust, moisture, etc. It has plastic windows over the display and the keyboard, and a flap that hinges over the top of the radio with holes for the nobs and BNC. I've seen both cases now and over all, I'd say the vinyl one is a better deal.

Except.... The vinyl one is very thin, not much of a physical shock protector. The leather case is thick, 1/8 inch of heavy leather. It will obviously protect the radio better from physical shock, but there are no plastic windows over the display and keyboard, only open holes (appropriately sized of course), and no top flap. One further problem, it fits very snugly. So tight in fact that the designer provided a finger sized hole on the bottom to help push the case out. It is *so* snug however that I can't even push it out with my finger. I have to prop the radio on a cylinder of some kind (the diameter of the hole) and push down on the case (hard) to get the radio out far enough to grab it and pull the rest of the way. I hope it loosens up with use!

OK, so any of you who know me (and I know at least one of you who does :-^)) know I'm into function, even if it's tacky... I cut a piece of plastic out of a reletively thick sandwich bag, sized it just right, and taped it over the case with some scotch type tape and it seems to work fine. It has the added bonus of protecting the switches on the left from dust as well. Don't know how durable my hack will turn out to be, but it is easy enough to replace (if you have the plastic and tape handy).

So how about the radio? Its great... I won't extend this post to 200 lines extoling its virtues. Is there any place on the net containing documentation for undocumented features?

--
matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70271,255 Internet: mjr@crl.com

851. DTMF decoding w/ Soundblaster?

Newsgroup: rec.radio.scanner
Date: 1994-02-03 10:58:06 UTC
From: shdomaji@kuhub.cc.ukans.edu
Message-ID: <1994Feb3.045806.58107@kuhub.cc.ukans.edu>
Source record: 277308

Are there any DTMF decoding, and or logging soundblaster software
available. Any info on this, or where it can be found [sites] would be greatly
appreciated.

852. BC2500XLT mods

Newsgroup: rec.radio.scanner
Date: 1994-02-03 13:16:58 UTC
From: paidukas@huey.mis.semi.harris.com
Message-ID: <1994Feb3.131658.11175@mlb.semi.harris.com>
Source record: 277309

I have a Uniden BC2500XLT handheld scanner. I was wondering if any information on this unit was available here? Also any mods?

paidukas@huey.mis.semi.harris.com

853. Re: F Sale: Touch Tone Decoders

Newsgroup: rec.radio.scanner
Date: 1994-02-03 14:48:48 UTC
From: Gabriel Evans <gevans@panix.com>
Message-ID: <2ir2sg$h19@panix.com>
Source record: 277310

In <CKMG1F.G6D@Colorado.EDU> r_egeland@cc.colorado.edu (RYAN EGELAND) writes:

>I am going to build a DTMF decoder for my scanner. DTMF codes are the touch
>tone codes used by ma bell. The design comes from the ARRL handbook for 1994.
>The decoder is based on the silicon systems chip 202. The output will be a
>binary representation in LEDs, and can be converted into the familiar 0-9, #,

Do you have a source for the SSI202? I've scoured Mouser and Digi-Key
and can't find it at all. Am I just blind? I would love to have a
good mail-order source for this and other IC's.

Much Thanks,

--
Gabe Evans
Transplanted Mancunian
gevans@panix.com

854. Re: MA State Police 800 MHz system

Newsgroup: rec.radio.scanner
Date: 1994-02-03 14:49:10 UTC
From: slitel@cadre.com
Message-ID: <1994Feb3.144910.8075@fripp.ri.cadre.com>
Source record: 277311

Does anyone know the frequencies for the new MA State Police 800 system???

Please post them for all. Also what is the status of the old 44.XX and 42.XX frequencies they were using???

855. Re: Bearcat Mr. Scanner club

Newsgroup: rec.radio.scanner
Date: 1994-02-03 14:59:14 UTC
From: miltf@ux1.cso.uiuc.edu
Message-ID: <2ir3g2$o5l@vixen.cso.uiuc.edu>
Source record: 277312

I have been a member of the Bearcat Club for over a year. They maintain a BBS with a database on frequencies nationwide. This is really helpful if you don't want to buy a book for an area. They also have a DOS based program with the same info for your own pc. Each state is purchased as a separate disk. Members pay somewhere around $10 per disk. You can combine several states into your own database for states you need. Canada is available as well. The publication is produced every 2 months with articles related to scanning and a few frequency updates. I find the club to be worthwhile for the price, and I do recommend it.

Milt Forsberg
K9QZI

856. Re: BC200XLT from Damark

Newsgroup: rec.radio.scanner
Date: 1994-02-03 15:02:07 UTC
From: gt8303a@prism.gatech.EDU
Message-ID: <135930@hydra.gatech.EDU>
Source record: 277313

Bad news for anyone wanting a BC200XL from Damark...they're out.
I called last night to get more information on it and the guy
said they had dicontinued that model. He went on to search his
computer for other comparable scanners. They have a base scanner
(BC700A) and another handheld (BC100XLT), in addition to some
other model which priced at over 400 dollars (I didn't bother to ask
for a model number). At any rate, they're out of the 200.

Andy Entrekin
gt8303a@acme.gatech.edu

--
Andy Entrekin
gt8303a@prism.gatech.edu
(404) 355 - 6616

857. Scanner Info NEEDED

Newsgroup: rec.radio.scanner
Date: 1994-02-03 15:14:54 UTC
From: gt8303a@prism.gatech.EDU
Message-ID: <135932@hydra.gatech.EDU>
Source record: 277314

Hi all. I've got a few questions for anyone who can help me out.
I called Damark about their Bearcat 200XL(T?) last night, and discovered,
much to my chagrin, that they had discontinued that model. That led
me to ask about other scanners that they had, and I got a little more
information. Now I need to know about the scanner they suggested.
It was the BC100XLT. I don't know where all the frequency bands are,
but my primary interest is listening to military aircraft, since I work
right next to an air force base here in Atlanta (we can see the tarmac
from our labs). My questions are these:

- What are the frequencies used by military aviation?
- What scanners do you know of that receive these frequencies?
(ie, does the 100XLT?)
- What are some good places (read: relatively cheap) to look for
a good scanner for this purpose?
- Is there anyone out there with a good scanner that they want
to sell (of course it must get mil a/c)?

I thank you all very much for any help you can provide. Please e-mail
responses to me at gt8303a@acme.gatech.edu or reply with a follow-up
article here, as I generally read this group. Thanks again.

Andy Entrekin
--
Andy Entrekin
gt8303a@prism.gatech.edu
(404) 355 - 6616

858. TV frequencies

Newsgroup: rec.radio.scanner
Date: 1994-02-03 15:45:32 UTC
From: cbarkley@cbnewst.cb.att.com
Message-ID: <CKnns4.I5L@cbnewst.cb.att.com>
Source record: 277315
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I want to listen to TV on my RS Pro-2021. Could someone tell me the freq.
for channel 2,10 (ABC NY,PHIL), channel 3,4 (NBC) and channel 6,7 (ABC)?

Thanks,
Shawn.

859. Reset key sequence for a BC100XLT

Newsgroup: rec.radio.scanner
Date: 1994-02-03 17:04:48 UTC
From: Dave Shaffer <DCS4@psuvm.psu.edu>
Message-ID: <94034.120448DCS4@psuvm.psu.edu>
Source record: 277316

Someone recently suggested there is a reset key sequence for a BC100XLT -- a sequence that will clear all of the frequencies in memory so you can start programming from scratch. Anyone know if this is true, and if so what the sequence would be? - Dave

860. Re: FCC Database Online For Calif.

Newsgroup: rec.radio.scanner
Date: 1994-02-03 17:39:52 UTC
From: garym@alsys.com
Message-ID: <CKnt2K.Dsl@alsys.com>
Source record: 277317
Cross-posted to: rec.radio.scanner,alt.radio.scanner,ba.broadcast,rec.radio.amateur.misc

In <tweekCKI8FK.5xr@netcom.com> tweek@netcom.com (Michael D. Maxfield) writes:
>I too was hoping for a little different implementation. I noticed that
>you must exactly match the Licensee name (MC DONALDS REST works whereas
>MC DONALDS does not work) as it is in the licensee field.

I tried it today and noticed you can use * as a wildcard. So if you try
MC DONALDS* it will work.
--GaryM

861. Re: Cellular world.

Newsgroup: rec.radio.scanner
Date: 1994-02-03 17:54:26 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Feb3.175426.28710@news.csuohio.edu>
Source record: 277318
Cross-posted to: rec.radio.scanner,alt.radio.scanner

an60557@anon.penet.fi writes:
:
: Hi, all! Sorry for screwed upped messages. I will be re-send 'em as soon
: as in 24 hours.
: --

Those 7 Cellular World messages are all encoded. What is contained in
them? An article, short story? Just wanna know. Thanks.

Mike
--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Mike Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO T+
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@pvi.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^ Catch the WAVE v^v^v^

862. Re: FCC Database Online For Calif.

Newsgroup: rec.radio.scanner
Date: 1994-02-03 18:35:52 UTC
From: dtiller@cscsun.rmc.edu
Message-ID: <CKnvnt.I4E@cscsun.rmc.edu>
Source record: 277319
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc

Michael D. Maxfield (tweek@netcom.com) wrote:

: I suspect that this is just an early version of the software and it is
: still being revised. If this is so, a couple of features I would like
: to see would be a secondary search criteria (do you know how many licensee's
: there are for 154.6) such as city, zipcode, and maybe partial matches of
: the licensee.

I also thank tcomeng for providing this service. I'd like to see a listing
by class and I'd like to be able to search a (narrow) frequency range. You
might like to chat with the folks that run the ham callsign server at
cs.buffalo.edu - they've got a relatively versatile setup.

: I do however realize that you (tcomeng) are providing a service and asking
: nothing in return (cept name recognition). Thank you for providing this
: lookup service.
--
David Tiller | Network Administrator | Voice: (804) 752-7373 |
dtiller@rmc.edu | Randolph-Macon College| Fax: (804) 752-7231 |
n2kau@wa4ong.va.usa.na | P.O. Box 5005 | ICBM: 37d 42' 43.75" N |
+++Arch-Conservative+++ | Ashland, Va 23005 | 77d 31' 32.19" W |

863. Re: Reset key sequence for a BC100XLT

Newsgroup: rec.radio.scanner
Date: 1994-02-03 19:21:15 UTC
From: bmiller@landesk.intel.com
Message-ID: <2irirb$9m7@ornews.intel.com>
Source record: 277320

In article <94034.120448DCS4@psuvm.psu.edu> Dave Shaffer <DCS4@psuvm.psu.edu> writes:
>Someone recently suggested there is a reset key sequence for a
>BC100XLT -- a sequence that will clear all of the frequencies
>in memory so you can start programming from scratch. Anyone know
>if this is true, and if so what the sequence would be? - Dave

Turn the scanner off. Hold down 2,9,MANUAL keys and turn it on while
holding all 3 down.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT

864. Re: help w/ celworld

Newsgroup: rec.radio.scanner
Date: 1994-02-04 15:41:18 UTC
From: mike@node_21033
Message-ID: <CKpI8u.9JK@csc.ti.com>
Source record: 277321

Frank Cusack Jr. (fcusack@psu.edu) wrote:
: Could someone please send me a copy of the cellular world document (that
: was recently posted here) via email. I am having problems unencoding it.

: thanks, Frank

I've uudecoded it but get errors unzipping it. That anonymous poster is
probably laughing his (her) carcass off at us. I think anonymous origins
are going to end up in my kill file!
--
****
* Michael H. Haight * mike@sh-gpl.ti.com *
****

865. Re: FCC License Data Sources

Newsgroup: rec.radio.scanner
Date: 1994-02-04 20:29:30 UTC
From: dtiller@cscsun.rmc.edu
Message-ID: <CKpvL6.5Bu@cscsun.rmc.edu>
Source record: 277322

William K. McFadden (bill@thd.tv.tek.com) wrote:

: PERCON

: PerCon sells FCC data on CD-ROM by state or by category for $100 per CD. The
: categories are divided as follows: public service & land mobile, common
: carrier, industrial, etc. The data is complete, i.e., it contains all of the
: data in the FCC master database for the state or category covered.

: PerCon has developed a CD-ROM of the entire US FCC database (approximately 3
: million records). This product is now shipping. I will provide a
: description as soon as I get more information.

: PerCon can be reached at 716-386-6015.

Called 'em, full US database is $99, "just like the states." She's faxing
the particulars now - watch this group for more.

--
David Tiller | Network Administrator | Voice: (804) 752-7373 |
dtiller@rmc.edu | Randolph-Macon College| Fax: (804) 752-7231 |
n2kau@wa4ong.va.usa.na | P.O. Box 5005 | ICBM: 37d 42' 43.75" N |
+++Arch-Conservative+++ | Ashland, Va 23005 | 77d 31' 32.19" W |

866. Re: Searching Military Air Freqs

Newsgroup: rec.radio.scanner
Date: 1994-02-05 15:07:06 UTC
From: jmscamar@titan.ucs.umass.edu
Message-ID: <2j0cmq$78h@nic.umass.edu>
Source record: 277185

You should purchase The Directory of North American Military Communications
(I think that's the correct title) by Sullivan. There are four regional
editions for the US. The directory is very accurate and will give you
lots of frequencies including bases, air-air refueling, tactical comms, etc.
Except it does'nt list base ground freqs for maintainance, etc but these
can be found in another book which I can't remember the correct title of--
something like Directory of US Military Installations--the author is
D. Symmington. You want the 2nd editions of both books. Both are
available from Grove Enterprises and also EEB.

This may be obvious but remember when using the 2006 to change to AM when
entering most 225-400mhz freqs.

Good Luck!

--
******Joe Scamardella******University of Massachusetts/Amherst******
scamardella@library.umass.edu
******"No one's asked us to eat ten raw pigs for breakfast"*********

867. military a/c call signs

Newsgroup: rec.radio.scanner
Date: 1994-02-05 16:36:02 UTC
From: jmscamar@titan.ucs.umass.edu
Message-ID: <2j0hti$m99@nic.umass.edu>
Source record: 277189

Does anyone have a reference source for miliatry aircraft call signs? I don't think there's a comprehensive source, but I thought it worth a try anyway.

Thanks,

--
******Joe Scamardella******University of Massachusetts/Amherst******
scamardella@library.umass.edu
******"No one's asked us to eat ten raw pigs for breakfast"*********

868. Re: 200XLT/205XLT info wanted

Newsgroup: rec.radio.scanner
Date: 1994-02-05 16:37:04 UTC
From: eswails@hubcap.clemson.edu
Message-ID: <2j0hvg$ilh@hubcap.clemson.edu>
Source record: 277190

I just recently purchased the BC 200XLT as my first scanner and I
like it alot. Here are the frequency ranges out of the manual:

29.0 - 54.0 MHz
118 - 174 MHz
406 - 512 MHz
806 - 823.9875 MHz
849.0125 - 868.9875 MHz
894.0125 - 956 MHz

The 200XLT is 200 channels (ten 20 channel banks).
It has a scanning speed (channels you have programmed in) of
15 channels per second and has a search speed of 25 frequencies
per second.

Hope this helps.

869. Codes and Scrambling

Newsgroup: rec.radio.scanner
Date: 1994-02-05 17:00:05 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <760490749.AA00021@rochgte.fidonet.org>
Source record: 277324

> From: lvds@stdin.gatelink.fr.net (Laurent Cas)
> Organization: GateLink - Email & Newsfeed for non commercial french
> sites

> There is CW decoders, packet decoders etc... but the only DTMF
> decoders i know are in kenwoods...

I guess you don't read many scanner magazines. There are at least two
commercially available DTMF decoders for hobbyists.

870. Re: FCC Database Online For Calif.

Newsgroup: rec.radio.scanner
Date: 1994-02-05 17:17:48 UTC
From: u29255@uic.edu
Message-ID: <19940206.111734.840458.NETNEWS@UICVM.UIC.EDU>
Source record: 277175

Sounds great, but how do I get into Telnet to go to tcomeng.com? Do I need to
"subscribe" to Telnet? Can you give me the telnet ADDRESS so I can get in
via packet (amateur) radio?

8) Ed

871. Re: Free Cellular Phone C

Newsgroup: rec.radio.scanner
Date: 1994-02-05 18:40:03 UTC
From: an33082@anon.penet.fi
Message-ID: <184309Z05021994@anon.penet.fi>
Source record: 277191

Newsgroups: rec.radio.scanner,alt.radio.scanner
Subject: Re: Free Cellular Phone C
Summary:
Expires:
References: <93d_9401302206@blkcat.fidonet.org>
<19940203.220942.092580.NETNEWS@uicvm.uic.edu>
Sender:
Followup-To:
Distribution:
Keywords:
Cc:

In article <19940203.220942.092580.NETNEWS@uicvm.uic.edu>,
the William Garrett <garrett@cs.unc.edu> wrote:

Lotsa boasting of illegal activities involving cellular phones and fraud.

Gee, let's look at this article's header:

Message-ID: <19940203.220942.092580.NETNEWS@UICVM.UIC.EDU>
Nntp-Posting-Host: 128.248.84.105
X-Posted-From: InterNews 1.0@uicvm.uic.edu.
Xdisclaimer: No attempt was made to authenticate the sender's name.
From: garrett@cs.unc.edu (the following is NOT my address)
Sender: -Not-Authenticated-[4157]

Gee, Mr. Garrett; in spite of all the misleading garbage you put into the
article header to make it appear to be an anonymous posting, it sure looks
like you did a sloppy job.

Let's see if this "not authenticated" address is real:

connecting to mcenroe.cs.unc.edu (152.2.128.184) port 25
<<< 220 mcenroe.cs.unc.edu Sendmail 5.65/UNC_08_21_92 ready at Sat, 5 Feb 94 08:49:28 -0500
>>> VERB on
<<< 200 Verbose mode
>>> VRFY garrett@cs.unc.edu
<<< 250 William Garrett <garrett@cs.unc.edu>
William Garrett <garrett@cs.unc.edu>
>>> QUIT
<<< 221 mcenroe.cs.unc.edu closing connection

Login name: garrett In real life: William Garrett
Directory: /afs/cs.unc.edu/home/garrett Shell: /usr/local/bin/nologin.ftp
Never logged in.
No unread mail
Plan:

Office: 039 Sitterson Hall Home: 1 Rogerson drive
Univ. of North Carolina Chapel Hill, NC 27514
Chapel Hill, NC 27599-3175 tel. 919-942-1675
tel. 919-962-1811

Sure looks like a real address, all right.

Now ... did you simply fail to cover your tracks, or are you someone else,
hacking at Mr. Garrett's account? Either way, this looks like something
the net officials at Chapel Hill ought to know about, yes?

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

872. Re: Wackenhut freq's wanted

Newsgroup: rec.radio.scanner
Date: 1994-02-05 20:03:21 UTC
From: dgoldst@peterpan.unm.edu
Message-ID: <dgoldst-050294130321@mccs_gatorbox01.unm.edu>
Source record: 277194

In article <jeffrey_p_wendt.1.00086486@jplpost.jpl.nasa.gov>,
jeffrey_p_wendt@jplpost.jpl.nasa.gov (Jeffrey P Wendt) wrote:

> Looking for Wackenhut freq's for So Cal, and the Nevada Test Site. Also any
> other info on facilities in So Cal would be greatly appreciated.
>
> Thanks in advance,
>
> JPW

You and everybody else interested in Area 51 (S-4, Dreamland et. all) want
this info. I did see a article that is related to this in this months
Monitoring Times.

873. 800Mhz Cellular Band?

Newsgroup: rec.radio.scanner
Date: 1994-02-05 20:56:25 UTC
From: w644171c@edinboro.edu
Message-ID: <1994Feb5.155625.11363@edinboro.edu>
Source record: 277192

What is the upper and lower limits to the Cellular phone band, and is it a 12.5 STEP NFM?

Thank Bill Chapman

874. BC100 MODS

Newsgroup: rec.radio.scanner
Date: 1994-02-05 21:20:22 UTC
From: hoffmanry@urvax.urich.edu
Message-ID: <1994Feb5.211710.12657@gossip.urich.edu>
Source record: 277199

A friend of mine is looking to modify his BC100 to recieve Cellular
and is looking for some good mods. Any others would also be appreciated
If anyone has mods for this scanner please e-mail him at:
Ellinghau@Urvax.Urich.edu.
Thanks
G. Ryan Hoffman

875. Yupiteru MVT 7000 ?

Newsgroup: rec.radio.scanner
Date: 1994-02-06 00:51:15 UTC
From: rgb@cbnewsj.cb.att.com
Message-ID: <CKs2DH.CxC@cbnewsj.cb.att.com>
Source record: 277197
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

It seems there's alot of fans of the 7100 on the net.
However, I haven't seen anything on the (new) 7000.

ACE advertises the 7100 for $599 while the 7000 is $399.
(Besides the handheld 7000, there's the mobile 8000 for
the same price.)

If you can tell me anything about the 7000, PLEASE do.

Thank you!
Rich Bantel rb\@mtqua.att.com 908-957-2710

876. Re: 800Mhz Cellular Band?

Newsgroup: rec.radio.scanner
Date: 1994-02-06 00:56:30 UTC
From: mraub@prairienet.org
Message-ID: <2j1f7u$q4t@vixen.cso.uiuc.edu>
Source record: 277196

In a previous article, w644171c@edinboro.edu () says:

>What is the upper and lower limits to the Cellular phone band, and is it
>a 12.5 STEP NFM?

Rumor has it that the cell output frequencies are between 868.940-896.000
MHz. Spacing in USA is 30 KHz-this may be different in other counties.

Mike Raub
mraub@prairienet.org

877. Re: AOR AR2002 . AUSTRALIA. MODS.

Newsgroup: rec.radio.scanner
Date: 1994-02-06 01:04:02 UTC
From: mraub@prairienet.org
Message-ID: <2j1fm2$qrc@vixen.cso.uiuc.edu>
Source record: 277198

In a previous article, u9270264@wumpus.cc.uow.edu.au (Mike Jones) says:

>Hi there.
>
>I own a A*R 2002 scanner and want to know what modifications I can do to it.
>I also have a 486 dx 33 at my disposal.....
>Can I install a serial cable to the scanner and run it through my computer?
>Can I transmit through my scanner....with some mods...
>Thank you for any help.
>Mike Jones : u9270264@wumpus.cc.uow.edu.au

I'm sorry I can't answer your question, but I do have one of my own.
I'm going to visit your county in March and thought about throwing my
portable scanner in the suitcase. Before I do, though, I'd like to know
if Australia has any laws prohibiting the possession or use of scanning
VHF/UHF radios. I don't want to begin my vacation with a hassle with
your Customs service.
Thanks for any advice and G'day (that's what they say isn't it? :-))

Mike Raub
mraub@prairienet.org

878. Re: conn state police freq?

Newsgroup: rec.radio.scanner
Date: 1994-02-06 01:25:54 UTC
From: jkearman@arrl.org
Message-ID: <1994Feb6.012554.12090@arrl.org>
Source record: 277176

Thomas Gosse (tgosse@world.std.com) wrote:

: Dear friends,

: A while back there was a conversation about the Conneticut State Police
: changing their frequencies. Does anyone know if they moved to an 800 MHz
: trunked system?

: My Scanner Master pocket guide list low-band, 42 MHz frequencies. Are
: these still active?

Connecticut State Police are still using the 42-MHz frequencies. I
didn't realize Scanner Master made a pocket guide for Connecticut.
Thanks for the tip.

Good listening.

Jim

879. RE: Garfield

Newsgroup: rec.radio.scanner
Date: 1994-02-06 01:38:37 UTC
From: jkearman@arrl.org
Message-ID: <1994Feb6.013837.12236@arrl.org>
Source record: 277177

I've been trying to connect to garfield.catt.ncsu.edu
or the announced new ftp site, fritz.catt.ncsu.edu

I get "connected" but nothing happens after that.

Is it something I said? I'd really like to ftp some
of the freq files. If you can offer a suggestion, please
email to me at jkearman@arrl.org

Thanks,

Jim

880. A few questions about getting started.

Newsgroup: rec.radio.scanner
Date: 1994-02-06 02:33:38 UTC
From: me30400@maroon.tc.umn.edu
Message-ID: <me30400-050294203338@dialup-1-110.gw.umn.edu>
Source record: 277178

Hello all...

I have a couple of questions that weren't addressed in the available faq.

My scanning roots came from my father's old Zenith with a manual dial. Not much compared to what you can buy today, but at that time it was top of the line. I gained an interest but computers took over my free time and haven't really thought about it for years. Well, now I would like to get back into the hobby and buy a new scanner. I was in a Radio Shack and looked at one of their mid line models. I have never been a fan of 'Realistic' so I'm definetly going to look around, esp. at Uniden/Bearcat before I make a purchase. As for my questions:

1. Are there any sacrifices in going for a portable instead of a desktop model? Features, sound/signal quality, or scanning speed, for instance?

2. Is it a good time to buy a new scanner? Meaning, are there some new models coming out soon that might be worth waiting for? And what about legal issues -- when are some (cell phone?) frequencies going to be restricted and not going to be in the new scanner models?

3. Why are there two scanner newsgroups: alt.radio.scanner and rec.radio.scanner?

4. What are some good models in the Uniden/Bearcat and ICOM (?) lineup?

All comments/advice appreciated. Thanks much.

-- Steve

881. BC100 keyboard trick

Newsgroup: rec.radio.scanner
Date: 1994-02-06 02:40:36 UTC
From: al.krol@radiohobby.chigate.com
Message-ID: <d0e_9402051730@chigate.fidonet.org>
Source record: 277195

I just got one of these old gems at a hamfest and wonder if
anyone knows the out of band programming,I recall an MT article
on this years ago but cant find my old copy.

882. Re: Yupiteru MVT 7000 ?

Newsgroup: rec.radio.scanner
Date: 1994-02-06 02:56:21 UTC
From: schuster@panix.com
Message-ID: <2j1m8l$efa@panix2.panix.com>
Source record: 277203

In article <CKs2DH.CxC@cbnewsj.cb.att.com>,
richard.bantel <rgb@cbnewsj.cb.att.com> wrote:
>It seems there's alot of fans of the 7100 on the net.
>However, I haven't seen anything on the (new) 7000.

The 7000 is the =old= model.
It's like a 7100 with fewer channels, and no SSB coverage.
It's like an AR-1000 with better performance and less complicated
programming.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

883. BC200XLT earphone suggestion

Newsgroup: rec.radio.scanner
Date: 1994-02-06 04:37:25 UTC
From: dleon@seas.smu.edu
Message-ID: <1994Feb6.043725.25256@seas.smu.edu>
Source record: 277179

I have a BC200xlt. I would like to use an earphone with this unit, but due to the jack, I have to use a mini adapter. The problem: the mini adapter has to be wiggled on occasion in order to hear. Is there a recommended headphone to use with the correct jack on it? Is it common for the BC's to have this problem with the earphone jack?

Dave

884. Re: 800Mhz Cellular Band?

Newsgroup: rec.radio.scanner
Date: 1994-02-06 07:33:12 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb6.023312.1@uoft02.utoledo.edu>
Source record: 277180

In article <2j1f7u$q4t@vixen.cso.uiuc.edu>, mraub@prairienet.org (Michael E. Raub) writes:
>
> In a previous article, w644171c@edinboro.edu () says:
>
>>What is the upper and lower limits to the Cellular phone band, and is it
>>a 12.5 STEP NFM?
>
> Rumor has it that the cell output frequencies are between 868.940-896.000
> MHz. Spacing in USA is 30 KHz-this may be different in other counties.
>
> Mike Raub
> mraub@prairienet.org
>
-I'm pretty sure the upper limit is 894.000-
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

885. Re: A few questions about getting started.

Newsgroup: rec.radio.scanner
Date: 1994-02-06 07:59:19 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb6.025919.1@uoft02.utoledo.edu>
Source record: 277181

In article <me30400-050294203338@dialup-1-110.gw.umn.edu>, me30400@maroon.tc.umn.edu (me30400) writes:
> Hello all...
>
> I have a couple of questions that weren't addressed in the available faq.
>
> My scanning roots came from my father's old Zenith with a manual dial. Not
> much compared to what you can buy today, but at that time it was top of the
> line. I gained an interest but computers took over my free time and
> haven't really thought about it for years. Well, now I would like to get
> back into the hobby and buy a new scanner. I was in a Radio Shack and
> looked at one of their mid line models. I have never been a fan of
> 'Realistic' so I'm definetly going to look around, esp. at Uniden/Bearcat
> before I make a purchase. As for my questions:
>
> 1. Are there any sacrifices in going for a portable instead of a desktop
> model? Features, sound/signal quality, or scanning speed, for instance?

> Well,the only real sacrifice in going for a portable is usually the audio isn't quite as potent as the base scanner.Most of the features are similar, with some exceptions like CTCSS(subaudible tones).Scanning speed is the same within port\base models from the same manufacturer.

> 2. Is it a good time to buy a new scanner? Meaning, are there some new
> models coming out soon that might be worth waiting for? And what about
> legal issues -- when are some (cell phone?) frequencies going to be
> restricted and not going to be in the new scanner models?
>
BUY IT NOW!!Before the stupid law takes effect.Most of the new models coming out soon are just re-chipped versions of the latest current models.

> 3. Why are there two scanner newsgroups: alt.radio.scanner and
> rec.radio.scanner?
>
I have absolutely no idea!!
> 4. What are some good models in the Uniden/Bearcat and ICOM (?) lineup?
>
IMHO,there are NO good models made by Uniden!The place to go as far as all around good performing scanners is.....RADIO SHACK!The Pro-2006 and the Pro-43 are currently the best all around scanners under 600 bucks!The new JUNK from UNIDUM should never have been released!Intermod,images,birdies galore!THe Pro-43 is "the king of Cellular".I have modified 16 of these and the only complaints I have are:

1.Display too small
2.Light sucks!
3.Weak audio.
The funny part is,the Bearcats do 1,2,and 3 well,but as far as radio performance goes they suck big time.The "realistics"(made by GRE,Japan)are the kings as far as decently priced radios go.The icom R1(handheld)is a dud,especially for the price.Only 100 ch.,the scan\search speed is slow,intermod is terrible,and low freq performance is pitiful.The Icom 7100 is a great radio,and a "fair"scanner,it has some piculiar things that dont make it a great scanner,especially when it costs 1200+!Btw,if you go to Radio Shack,dont even think about a scanner called the pro 46,it is a UNIDEN scanner and a piece of crap!Another thing,dont buy your scanner from your local RS, unless it's on sale,AND you have to have it TODAY.There are lots of mail order places that will save you $40.00+tx on a 2006,and more than $50 on a pro-43!Email me if you dont know where I'm talking about.Well,I hope I've helped,and kept you from making a BIG mistake!

>The mistakes you see on my posts are due to a crappy modem!!

Barry Felstein,N8PVX,using Brad's acct:
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

886. Monitoring Article in *Wired*

Newsgroup: rec.radio.scanner
Date: 1994-02-06 09:00:25 UTC
From: jswan@elaine53.Stanford.EDU
Message-ID: <JSWAN.94Feb6090025@elaine53.Stanford.EDU>
Source record: 277211

For those who haven't seen it, there's an interesting article on military monitoring in this month's issue of *Wired*.

It's about a guy in Texas who has used scanners to listen in on the radio traffic of still-secret military aircraft.

Jay Swan

887. Re: cheapest police scanner?

Newsgroup: rec.radio.scanner
Date: 1994-02-06 10:25:54 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb6.102554.9111@hpcvaac.cv.hp.com>
Source record: 277182

zenith89@bnr.ca (Chris VanFleet) writes:
:
: PS. I asked the Ottawa Chief of Police about their future radio
: plans and he says the various Ottawa area police forces are
: switching to a digital, encrypted trunked system in mid 95
: approximately. They need to stop all public monitoring. So
: don't spend too much $$$ on a "police" scanner, cause after
: they switch no "civvies" will be able to listen !!!!

You might ask the Chief why they have to stop such monitoring.
Ask him what they are doing illegal that they don't want people
to hear about.

You might also talk to the Ottawa politicians about this.

Bill

888. Re: 800Mhz Cellular Band?

Newsgroup: rec.radio.scanner
Date: 1994-02-06 10:29:03 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb6.102903.9276@hpcvaac.cv.hp.com>
Source record: 277183

w644171c@edinboro.edu writes:
: What is the upper and lower limits to the Cellular phone band, and is it
: a 12.5 STEP NFM?

In the US, the spacing is 30 MHz. That means that Bearcat scanners do not work well at all.

Bill

889. Re: AOR AR2002 . AUSTRALIA. MODS.

Newsgroup: rec.radio.scanner
Date: 1994-02-06 10:33:07 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb6.103307.9532@hpcvaac.cv.hp.com>
Source record: 277184

u9270264@wumpus.cc.uow.edu.au (Mike Jones) writes:
:
:
: Hi there.
:
: I own a A*R 2002 scanner and want to know what modifications I can do to it.
:
: I also have a 486 dx 33 at my disposal.....
:
: Can I install a serial cable to the scanner and run it through my computer?

With the proper interface and software, yes. I do not know if such a
commercial product exists. If you have enough knowledge, you could
build your own.

: Can I transmit through my scanner....with some mods...

No. It is a receiver, not a transmitter.

Bill

890. Re: Cordless phone reception?

Newsgroup: rec.radio.scanner
Date: 1994-02-06 12:03:30 UTC
From: hansen@next1.scri.fsu.edu
Message-ID: <2j2mai$q4v@mailer.fsu.edu>
Source record: 277186

The best way to receive cordless phone freq's is to use one yourself. I use my Sony SPP-70 the following way. The SPP-70 has a 10 channel selector button which makes it great for monitoring. Just unplug the phone line from the base, select channel 1-10 and then discoonect the power from the base and away you go. I altered my handset with an amplified version of an appropriate 46-49 Mhz antenna, so I pick up everything within a good half mile. Happy monitoring.

Listening in on cordless transmissions does have its attributes. You can find out if a girlfriend is cheating on you (if she lives close by), or for the mobile approach, use a 12V connector
for your car and give your girlfriend a cordless phone as a gift. I gave a girlfriend one and I found out enough shit to make her and x-girlfriend pretty quick.

-the prying ear.

891. Cordless tel monitoring the right way

Newsgroup: rec.radio.scanner
Date: 1994-02-06 12:17:30 UTC
From: hansen@next1.scri.fsu.edu
Message-ID: <2j2n4q$q4v@mailer.fsu.edu>
Source record: 277187

Let's face it. You spend $600 on a good scanner, hoping
to get in on the real meat and potatos of the freq range,
46-49 and soon 900Mhz, are a source of awsome info. But did
you know 99.9% of scanners can hardly pick up the 46-49Mhz
range? Well if you enjoy, or would like to find out better
info on how to do this, use what was engineered to operate
in this range, the handset!
I bought a Sony SPP-70 just for this purpose. It has
all 10 channels and you can surf through them with the press
of a button. To monitor, just get to your channel, unplug the
phone cord first, then the power. You'll get great range,
and if you do freelance P.I. work like I do, you can take
it on the road provided you have the correct 12V adaptor for
your car.
I have compared it to all my scanners and the handset
takes the cake.

892. Scanner Tutorial

Newsgroup: rec.radio.scanner
Date: 1994-02-06 12:27:25 UTC
From: djc@terapin.com
Message-ID: <djc.2mp2@terapin.com>
Source record: 277188
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Note cross posted.

I was asked to write a guide for a person here in the Bay Area. I have tried to be reasonably accurate. I hope that those of you will get as many years of enjoyment as I have gotten listening. It took me quite a while to write this guide but I worked hard on it to help others just starting out.
Enjoy and feel free to let me know your comments.

SCANNER RADIO TUTORIAL

FREQUENTLY ASKED QUESTIONS AND ANSWERS

PREPARED BY

PSYCHOLOGIST&BROADCASTER

DOCTOR DON COCO

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INTERNET ADDRESS, djc@terapin.com

NOTE: To search for a heading use the star key

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* INTRODUCTION

This document is for your information and entertainment and while I won't mention all the Frequencies that one can explore, I will give you some hints and tips to help you get started in the constantly changing world of Scanning which is exciting listening. This information is reasonably accurate although frequencies are always subject to change as Counties add new radio systems.

I have listened to communications for 26 years. I started before Scanners were invented. Back in the sixty's we used tunable radio's where you would tune in the station you wanted to listen to. Of course they had to be talking or you would tune bye the Frequency and naturally Digital Displays hadn't been invented yet. We didn't have a Squelch on some radio's so we heard the signals with hiss between transmissions and back then only the expensive radios had a squelch. As a young person, I first heard the Boston Fire Department, when visiting a friend and I was so fascinated that as soon as I could afford a $30 tunable set from Radio Shack called the patrolman, I snapped one up. It ran on a 9/volt battery and back then they didn't make adapters so they didn't plug in although I eventually solved that problem with mine by buying an "Electric Battery" which is a 9 volt battery with a chord sticking out one end. Many sets of batteries were consumed and these little radios had the standard A.M. (amplitude modulation) Broadcast Band, and either Low V.H.F. which is F.M. (Frequency modulation) range 30 to 50 Mega Hertz or High V.H.F., 144 to 174 Mega Hertz range and in those early days we didn't have U.H.F. which stands for Ultra High Frequency. What great memories for me and I heard thousands of Fire and Police calls as well as Mobile Telephones and the latest New England Weather during blizzards and hurricanes.

Scanners first appeared on the consumer market around 1972 or so and the first one I ever heard was a Bearcat210. This was a 10 Channel Programmable Unit and it did have lower and upper limit search as well as delay and lockout, but it's sound was noisy. The early processors had a high whistle when the signal was on and this was the first Scanner I ever owned. I eventually bought other Scanners from Bearcat and Regency which were better as they improved and got rid of the bugs. Today's Scanners are truly excellent sounding and they work perfectly for the most part.

I bought my first portable Bearcat in 77 or so and it was a hansom all metal unit and I used it on the streets of Boston and on their subway with an earphone and it worked fine. Unfortunately it was stolen in 81 or so. It had 16 channels. Many of the early Scanners were crystal controlled. You bought a crystal for each Frequency you wanted to listen to and the store ordered it for you. A Crystal has to be cut to a Frequency so that it will match that Frequency or it doesn't work and if it is a hair off the station won't sound correct. It is like listening to an A.M. station that is not tuned in properly and you plugged in these crystals in to slots in your Scanner. I

understand that other types of Scanners such as those that were set with Dip Switches were also manufactured in the early days but I never saw one of these.

* GETTING STARTED

The first thing you need is a Scanner. Several companies make Scanners including Unidend America, Makers of Bearcat. They can be reached at 800-297-1023 from 8-30 A.m. to 5 P.m., Eastern Standard time.
Also Grove Enterprises of Brasstown, North Carolina sells Scanners at discount prices by mail. I checked but couldn't locate an 800 number for them, however, I know they have one but it is not listed interestingly enough. Bob Grove also sells shortwave radios and other equipment relating to the radio hobby and he puts out a magazine called Monitoring Times, however, he has never put it either on tape or in braille although I have asked him to do so.
Radio shack makes a number of fine Scanners from a 10

channel programmable unit to a 400 channel unit. The 10 channel unit is a base unit and I tested one here not so long ago. It isn't to bad but it doesn't cover the 800 and 900 M.H.Z. ranges. It's cost is around $100 as I recall. Their top of the line 400 channel unit costs $400 or so although now is a good time to buy as the end of the year sales are on. You may be able to pick up a bargain during this time or whenever these units go on sale.
Another source for information about the Scanner hobby is Internet where you can read and ask questions about Frequencies and radios. You can get opinions on the best radios and whether they are any good. On Internet you should read alt.radio.Scanner and rec.radio.Scanner as we discuss all issues of the hobby from the latest equipment to the FCC forcing manufacturers to drop Cellular coverage from their models and Frequency books are also available.

* WHAT CAN I HEAR ON MY SCANNER?

If it's business related it can be found on the Scanner bands most likely. You can hear all kinds of stations from Fire, Police and Ambulances, to Cabs, Railroad, Cordless Telephones, Ships, Hams and Weather as well as Government and Aircraft and much more. I suggest that you keep your Squelch just below the noise level. If the Squelch is to tight, the weaker stations won't come in and your Scanner will scan past instead of stopping to hear the action.

* DO I NEED A SPECIAL ANTENNA OR LICENSE TO LISTEN?

You surely don't need much of an Antenna to lick up the signals since many signals are designed for wide coverage areas. Just your Whip supplied with your base Scanner or the Rubber duck

supplied with a Portable Scanner will do the job nicely in most cases. Like any F.M. radio it is important to put your Scanner in a spot where you will get the best reception. Try for a high table or window sill. If you have a portable unit as I do, I recommend picking up a telescopic Whip from Radio Shack which will improve your reception. This aluminum antenna has a BNC connector on one end and I recently purchased one of these for $11. I found here in Oakland that it improved the reception quite a bit, especially on V.H.F. I heard the Space Shuttle from the ham radio repeater at Moffett Field, on 145.585 much clearer once I put this new antenna on my Pro34 200 channel Portable Scanner.
Another accessary that you may want if you have a Portable Scanner is rechargeable batteries. This way if we have an

Earthquake or the power goes out you can find out what's happening and why.
You don't need any license to own or listen to a Scanner, however, you may not record what you hear. This is a violation and if caught you could be in serious trouble. Lets take a further look at this issue. You may have heard about the princess of England and how someone recorded a Cellular conversation that she supposedly had concerning a love affair. Naturally that was unethical for a journalist to record her and then use her conversation, however some people will do anything for a story. Now they are going to sell Scanners without Cellular coverage because of this whole issue and these new Scanners are supposed to be on the market by April of 94.

Personally I feel that if it is out their we should have the right to hear it as long as we don't rebroadcast what we hear. Another example is that many of my neighbors have Cordless phones. While I don't listen often, I occasionally tune in to hear what my neighbors are chatting about. This is certainly legal as long as I don't record, broadcast, or blackmail my neighbor over what I have heard. It is honest for me to listen if I choose because these phones transmit on the radio spectrum between 46.600 and 46.995 M.H.Z.
I could use my Scanner to commit other crimes such as

Robbing banks or setting house's on Fire etc. Now I am not stating here that these things are done every day but I am saying that in Today's world anything is possible and as long as I don't do these sorts of things I should be able to listen. Many Police Departments scramble many of their transmissions and many Departments are now going to the new 800 Trunked Radio System to keep the person who is intent on committing crime from listening.

* BIRDIES AND INTERMOD, WHAT ARE THEY?

Birdies are either internal carriers generated by the

processor inside the unit or external carriers such as those buzzes generated by TV picture tubes.
Intermodulation occurs when the radio's front end is overloaded by extremely strong signals such as data signals. Usually you can solve this problem by either changing Frequency or tightening the squelch.

* HARMONICS, WHAT ARE THEY?

In most radio processors, they use the 21.4 conversion technique which means that you can hear the same signal twice during your search. Examples of this are: TV channel 2 news on 450.3375 which is the correct Frequency or 21.4 M.H.Z. above that Frequency which would be 471.7375 M.H.Z. This Frequency will come in well but not as well as the proper Frequency, however there are times when you may want to go to a harmonic Frequency. For example if a birdie is bothering the main Frequency you may try the harmonic which could solve the birdie problem for you. If the signal on the main Frequency is weak at your listening post, you may not hear it's harmonic. Keep in mind that harmonics are 21.4 M.H.Z. above the main Frequency so don't convert 21.4 below the main Frequency or you won't hear anything. This applies primarily to the U.H.F. section of your radio.

* HOW ARE THE BANDS BROKEN DOWN?

30 to 50 M.H.Z. is the low V.H.F. business band. Some stations use this spectrum and this spectrum goes in .005 M.H.Z. steps. For example the band would go: 30, 30.005, 30.010,

30.015, 30.020, 30.025, 30.030, M.H.Z. etc.
50 to 54 M.H.Z. is the 6 meeter ham band and also is tracked in .005 M.H.Z. steps.
Regular F.M. is broken down as follows: 88.1 to 91.9 M.H.Z. which is the non commercial portion of the spectrum reserved for Public Radio Stations and Stations serving University's. The F.M. band goes like this" 88.1, 88.3, 88.5, 88.7, 88.9, 89.1, 89.3 M.H.Z. etc. The portion of the F.M. spectrum from 92.1 to 107.9 M.H.Z. is reserved for Commercial Broadcasters and this band is tracked in .02 M.H.Z. steps as this is the proper spacing for F.M. You couldn't have a station at 92.2 or 92.4 because the signals at 92.1 or 92.3 would be squeezed out.
The portion above F.M. from 108 to 118 is for Military Aircraft and the portion from 118 to 136 is for Commercial

Aircraft and can be found on most Scanners. This band is tracked in .025 M.H.Z. steps.
The portion from 136 to 138 M.H.Z. is for satellite Weather stations and you would need all kinds of other equipment besides a Scanner to receive these pictures. This band is tracked in .005 steps.
The F.M. portion between 138 to 144 M.H.Z. is for the

Military. This band is tracked in .005 steps.
The portion of the spectrum from 144 to 148 is for ham radio, (2 meeter) use. This band is tracked in .005 M.H.Z. steps.
The portion from 148 to 150 is used by the Government and is for Military use. This band is tracked in .005 M.H.Z. steps.
The V.H.F. portion from 150 M.H.Z. to 174 M.H.Z. is a

general business band although the F.C.C. has allocated certain portions for certain services. This band is tracked in .005 M.H.Z. steps with the exception of the Marreen Band which is tracked in .025 M.H.Z. steps. Examples of how this band is broken down follow and I don't want to confuse you so I will keep this as simple as possible. When using your search limit keys on your Scanner it is a good idea to use a farely narrow limit. This way you won't be confused about where the signals are that you hear and I recommend tracking in 100 M.H.z. steps. You should be sure that the delay is on in this section of your radio so you have 2 seconds to press the hold key so that you can either read or identify the station that is transmitting. I usually track from 150 to 151 M.H.Z. or in that style and if I am looking for new stations to hear I track during the business day or rush hour.

* LOW V.H.F. INFO PLEASE?

Here are some examples of how you may find certain groups of stations. I'll explain the low V.H.F. band which is 30 to 50 M.H.Z. first.
33 to 34 M.H.Z. is allocated for Fire Departments such as Concord and a few Nets. A Net means many Departments sharing the same Frequency. Try these Frequencies; 33.920, 33.940, and 33.960 M.H.Z. I have heard traffic on all these Frequencies from Oakland. I think Concord is at 33.100 M.H.Z. but I am not sure, however, search between 33 and 33.500 and you should come up with the station. I can tell you that they use a fine sounding

repeater. For other Fire Departments on the low band try these; 46 to 46.500 are the search limits. There are Fire Department Frequencies at 46.060 which is Richmond, 46.100 which is Moraga, 46.380, 46.400, 46.460 and 46.500 M.H.Z. I have heard Fire traffic on all of these Frequencies from here but I can't tell you which towns or cities these are.
Other good places to look on this band are; 39 to 40 M.H.Z. where you will find Police Departments, 42 to 43 where you will find the Highway Patrol, 44 to 46 which has some Police Departments including; 45.100, 45.140, 45.420 and 45.580 which are San Francisco Police Frequencies. Also search 46.600 to 46.995 for cordless Telephones. On 47.420 and 47.540 is the Red Cross Frequencies which become active in times of disasters. Channel 1 is for San Francisco and Channel 2 is for the East Bay. Finally search between 49.600 to 49.995 M.H.Z. where you may hear

the transmit Frequencies for the Cordless Phones as well as Baby Monitors.

* WHAT IS HIGH V.H.F.?

The High V.H.F. band is a long one and so are the ultra high U.H.F. bands. We will now discuss the high V.H.F. portion of your Scanner from 150 to 174 M.H.Z. which is grouped like all the bands by the F.C.C. according to type of services for the most part. There are exceptions to this rule but they only apply if there isn't enough Frequency space on a particular band. All stations on the business bands have to have a radio license in order to broadcast. Any employee of a company may use the

business radio for that companies' use as long as the language is kept clean and proper business practices are followed. The F.C.C. lays out the V.H.F. band this way:
From 150 to 152 M.H.Z. you will find low powered stations that don't need a lot of coverage range. You also will find the U.S. forestry Fire Nets here. To hear them Scan between 151.200 and 151.500 M.H.Z. I have heard these Forestry Nets; 151.295, 151.325, 151.370 and 151.445 and these Nets are from Morgan Hill. 151.295 is a Plane to Plane Frequency and is active whenever the hills here in Oakland and other areas catch Fire.
152 to 152.245 is a utility band and is dedicated to paging services both voice and data. 152.265 to 152.495 is reserved for the dispatcher side of Cab Companies. 152.500 to 152.820 is reserved for Mobile telephone communications. Note that these services have either a fast busy signal or a high whistle when not in use and these stations are not Cellular in nature but are land point to point stations.
153.600 to 153.740 is reserved for P.G&E. services such as P.G.&e's Electric service for San Francisco on 153.650 M.H.Z. Now from 153.750 to 154.450 you will find lots of Fire Departments. Here's a list and I will tell you if I know the towns where these Departments are located. I hear all the

Frequencies that I will mention from here. Some signals are weak as they are either up north or down south but I have heard at least the dispatcher on all of these Nets. With the Fire danger here in the Bay Area you may way want to have these Departments in your radio. I listen to them all as I have 200 channels here. Try These:
153.755 which is the radio shop I believe, 153.770 which is way down south in the Mountainview area, 153.830 which is Berkeley Fire Channel 3, 153.890 which is a South Bay county Fire Net, 153.950 which is San Mateo, Hillsboro and Redwood City Fire Net, 154.010 which is San Jose Channel 1, 154.025 and I don't have any info but it is a good sounding repeater from here but weak, 154.040 which is also unknown and weak here, 154.070 which I believe is San Leandro, 154.100 which is Daily City, 154.130

which is Alameda, 154.160 which is the Sacramento North Fire Net and it can be heard here with farely good reception, 154.190 which is Berkeley channel 1 and they just installed an excellent sounding repeater on this Frequency, 154.220 which is unknown but I do know that it is a repeater, 154.235 which is the reserved channel for Berkeley Fire and this Frequency is also repeated, 154.250 which is Santa Clara and Santa Crues areas, 154.265 which is the White Fire Net for the South Bay and also 33.960 seems to be a White Fire Net for the South Bay area, 154.280 which is the White Fire Net for the East and North Bay area and 154.295 is another White Net for either the South or North Bay, 154.310, 154.340, 154.370, 154.385, 154.400 and 154.415 are all Fire Departments that I have heard traffic on but can't say which channels use them.

154.450 to 156.300 has a variety of services on it mainly some Police and Ambulance services. Try 155.07, 155.130 and 155.475 for the Police County Frequencies and 155.100, 155.160, 155.250, 155.280, 155.295, 155.325, 155.340, 155.385, and 155.400 for Ambulance traffic. 155.400 here in the east bay is a jamming channel for the Ambulances responding to the different hospitals. You can hear the Pinole Police on 155.190 and the University of Berkeley's busy Police Department on 155.445 M.H.Z.

The portion from 156.300 to 157.300 is reserved for water craft of all types and this portion is the only portion that has been laid out in .025 M.H.Z. steps. For example; 156.300 is channel 6, 156.325 is channel 66, 156.350 is channel 7, 156.375 is channel 67, 156.400 is channel 8, 156.425 is channel 68 etc. This is slightly confusing but this is the way they have laid out the bands. Certain channels are used by barges, large Cargo Ships, the U.S. Coastgard, or Pleasure Craft. Channel 16 at 156.800 is a good one to have in your Scanner because it is the Calling channel for all crafts to use. Channel 12 at 156.600 is a good one to have in and you will hear the San Francisco Coastgard giving ships notices about water hazards. Channel 22 at 157.100 is a Search and Rescue Frequency. If you want to hear ship to shore telephone search from 161.800 to 161.995 M.H.Z.

157.500 to 157.700 is for the back side of Cabs. In other words the Cabs themselves. Cab companies use a split radio Frequency, that is the dispatchers transmit on 1 Frequency and the Cabs transmit on another Frequency. An example would be Desoto Dispatcher in San Francisco on 152.390 and their Cabs on 157.580 or 585 M.H.Z. I have found the best way to set up Cabs is to put the Cabs in a separate bank of channels with no delays. I put Oakland Yellow which is located at 152.360 dispatcher on channel 141 and their back side or the Cabs themselves on channel 142 on Frequency 157.620 M.H.Z. without any delay on either side so as soon as one side stops talking the other side starts and the Scanner will hear the signal. Split Frequencies are common for some services such as the Highway Patrol 42 to 43 M.H.Z. Also bus companies such as A.C. Transit and San Trans use split

Frequencies.
158.200 to 158.400 has a couple of P.G.&e. Electric services
for the East Bay. Try 158.235 for Oakland and I think it's
158.320 for Berkeley. The Electric Department is handy if your
lights and equipment fail do to power loss and you will hear the
crews talking on their radio's as they locate the problem. It
beats getting a busy signal on the phone when the whole
community, who don't have Scanners' are jamming the phone lines.
159 to 160 has lots of Frate companies such as U.P.S. Try
159.445 and 159.495 for U.P.S. trucks and dispatcher calls.
Other frate services also use these Frequencies so use your
search keys.
I hope that this Information is useful to you and as I tap
the computer keys, we have a long way to go yet. Every Frequency
I have given you so far, or just about every Frequency, I have
heard traffic on. The next section is long but it covers
Railroads such as Amtrack, Southern Pacific and Bart. While I
have heard traffic on many of the following Frequencies I can't
validate all of them. I just received a chart listing Railroad
Frequencies that I haven't heard myself yet but as I type in the
chart on the computer I also am going to type in every Frequency
on the Scanner. I have ridden down to San Carlos and
Mountainview on the Train and have listened to their radio's. I
Love listening to Railroad traffic. You should note that these
bands are laid out the same way all over the country so if you
have a Portable Scanner you just need to program it and while
Frequencies will shift a bit you can Scan in areas and hear the
traffic for the services all over the country just by using your
limits. The Fire Nets and Cabs and Railroad Frequencies are
pretty standard. For example 153.950 which is San Mateo Fire
here is also Sacramento Fire up North.

* RAILROAD FREQUENCIES PLEASE?

#2 djc 3k
From: BENJAMIN COIFMAN <zephyr@cory.EECS.Berkeley.EDU>
Subject: Re: rail freq in SF bay area
Date: Mon, 13 Dec 1993 14:37:04 -0800

Thank you for the extended information on the rail frequencies.
Since I
received your letter, I posted on rec.railroad and got the

following
response:

I'm also new to the area and I haven't spent a lot of time

listening to the
Scanner, but here are some of the frequencies the NRHS Central
Coast
Chapter put on a card they handed out at their last meeting:

SP Road 161.550 (Oakland to Roseville)
SP Road 160.320 (Oakland south, Roseville east
SP PBX 160.890, 160.950, 160.275, 161.220 (Systemwide)
Oakland Amtrak Terminal 160.440
Oakland Carmen 160.980
Oakland Yard 161.100, 161.430, 160.470
ATSF Road 160.650
ATSF PBX 160.245, 160.425, 160.335
ATSF MOW 161.010
UP Road 160.515
UP PBX 160.290, 160.605
UP Oakland Tower 160.680
UP Oakland Yard 160.380, 160.530, 160.620
Oakland Terminal 160.935
BART Road 160.410
BART Yard 160.455
Caltrain Road 160.815

Hope this helps....

So, I will merge the two lists together. It is nice to be able
to sit
at my desk typing away at my homework and be able to listen to
the
railroaders do their job. Sort of calming. Up until I moved to
Berkeley,
I have always lived with in two or three blocks of a rail line.
Now it
is about three miles. But I always smile when I hear the Amtrak
horn
echoing through campus. So, I am a die hard.
I am a member of three rail road museums in the area. If you
ever get
the urge to visit any of them (Western RR museum in Rio Vista,
Pacific
Locomotive Asn in Oakland and Niles canyon, and Golden Gate RR
museum in
South SF), let me know and I would be glad to show you around the
back
yard(s).
Merry Christmas to you too.

p_n__n__----- _______ zephyr@uclink.berkeley.edu
d ___--__| HH|| `---.
zephyr@cory.eecs.berkeley.edu

_T-------'___-|__________|
zephyr@robotics.eecs.berkeley.edu
'o=o ()()()--' o=o`---'o=o
- NP 328 - Benn Coifman

Thanks Ben who I met through the Internet. The only
Frequencies that were not on that list were; Bart channel 2 which

is underground repairs and problems to the trains on 160.860 and Bart channel 3 which is train to train communications at 160.445 and Bart Police on 453.150 M.H.Z. Also S.P. Police on 161.200 and 161.400. There are a couple of other Frequencies for the Railroads such as 160.725, and 161.070, as well as 161.370. Happy traveling with your Scanner. I just put all these Frequencies in my radio and I think it worked out to 32 channels or so.

* WEATHER AND GOVERNMENT?

You will find the weather stations at either 162.400,

162.4750, or 162.550 M.H.Z.
From 163 to 174 is classified as Government. You will find some government stations, however, many of these have been

scrambled by White noise and can not be heard properly. Try 163.410 for the U.S.G.S., 165.240 for the U.S. Customs, 165.375 and 164.650 for the Secret Service. Some transmissions from these stations may be scrambled but I think that some of them are not so give them a try.

* U.H.F. INFO?

We will now discuss the U.H.F. Portion of your scanner. There is plenty to hear on these bands. My Pro34 starts at 380 to 512 M.H.Z., 806 to 823.9375, 851.1125 to 868.9375, and 896.1125 to 960 M.H.Z. As you can see there is a lot of space for stations on these bands and these bands don't seem to be allocated the same way as the V.H.F. portions in terms of grouping, however, certain portions are grouped to some degree.

* HOW ARE THESE BANDS BROKEN DOWN?

380 to 440 is all Government and is tracked in 12.5 M.H.Z. steps. 440 to 450 is for Ham Radio Use and is tracked in 12.5 steps. 450 to 960 is Business's and is tracked in 12.5 steps, thus it would look like this: 450, 450.0125, 450.0250, 450.0375, 450.050, 450.0625, 450.0750, 450.0875, 450.1125, 450.1250,

450.1375, Etc. U.H.F. stands for Ultra High Frequency and from 450 to 469.9875 is U.H.F. where as 470 to 512 M.H.Z. is called The T Band. The bands at 800 and 900 are just called The 800 or The 900 M.H.Z. Band. These bands are also broken down in 12.5 M.H.Z. steps. The new digital cordless phones are between 902 and 903 and 926 and 927 M.H.Z.

* GENERAL TIPS AND HINTS?

I have read that the Presidents communications can be heard between 414 and 416 M.H.Z. 435 to 437 is Space Shuttle Frequencies. 450 to 451 is for TV News Crews. 451 to 452 is Utility stations such as P.G.&E. Gas Services and the Pacific

Bell Line Repair Crews. 452 to 452.500 is the Cab Dispatchers. 454 to 455 is for Data and Mobile Communications. The back sides of repeaters, from 450 to 469.9875 M.H.Z. are 500 M.H.Z. above the repeated frequency. For example, if you put 452.400 in your radio, you will hear the dispatcher side of Metro Cab here in Oakland. If you want to hear the cabs you need a second channel at 457.400 M.H.Z. Again this is the split frequency principle and you don't want the delay turned on. I recommend a separate bank of channels for split frequencies.
On the T band, 470 to 512 M.H.Z., the back sides of repeaters are 300 M.H.Z. steps above the main frequency. Say I hear a repeater at 471.2125 and want to hear just the mobile unit. I can tune to 474.2125 and hear the mobile unit. You only might do this if either a channel is split or you want to see if a mobile is close to your listening post.
Police Frequencies are all over these bands. They can be found almost anywhere except where allocated by the F.C.C.

* ANY HOT TIPS DON?

Try these: 450.0625 for Metro Traffic, 450.0875 for K.C.B.S. Radio, 450.2125 for K.G.O. Radio, 450.2875 and 450.4625 for K.G.O. TV, 450.3375 and 450.3625 for K.T.V.U. TV, 450.4125 and 450.4375 for K.R.O.N. TV, and 450.5125 and 161.690 for

K.P.I.X. TV. There are plenty of other stations in the 450 to 451 and 455 to 456 M.H.Z. bands and you can hear remote broadcasts from K.F.R.C. at 450.750 which is the studio to remote on air link, or 161.700 which is the studio to remote regular talk link.
Try 451.300, 451.350 and 451.400 for Pac Bell. Also try 453.150 for Bart Police.
Try 460.075, 460.125, 460.350, 460.450, 460.300, 460.525, and 460.550 for San Francisco Police.
Try 488.3625, 488.5625 and 488.7625 for San Francisco Fire.
Try 460.600 for the Hayward Fire Department and 488.4125 for the Fremont Fire Department.
Try 482.8875, 484.5125, 484.6125, 484.7125, and 31.140 for Muny.
Try A.C. Transit on 490.5125, 490.6125, and 490.7125 split frequency except for 490.6125 which is a repeater. The back sides are 493.5125 and 493.7125.

* FAST FOOD TO GO?

Try these for fast food drive up windows:
Arby's: 30.840, and 154.570.

Burger King: 31.000, 170.305, 457.550, 457.5625, 457.600,

457.5750, 460.8875, 465.8875, 467.7750, 467.7875, 467.800, and 467.8250.

Hardee's: 30.840, 31.000, 154.570, 170.305, 457.550, 457.5750,
461.1125, and 466.1125.
Kentucky Fried Chicken: 30.840, 31.000, 154.570, 170.305,

457.5875, 460.8875, 465.8875, 462.7625, 467.8125, and 467.8875.
McDonalds: 30.840, 31.000, 33.140, 33.400, 35.020, 151.895,
154.490, 154.570, 154.580, 154.600, 170.245, 170.305, 171.105,
457.550, 461.0375, 466.0375, 463.2875, 468.2875, 464.5125,

469.5125, and 467.7750.
Taco Bell 30.840, 154.570, 460.8875, and 465.8875.
White Castle 461.8125, and 466.8125. These frequencies are
nation wide according to Internet where I obtained this chart.

* FINAL NOTES

Thanks for viewing this document and whether you are a first
time scanner owner or have listened for years, I hope that you
found this Information of some value.

Note: I can be reached through Internet by writing to
djc@terapin.com. If you have questions You may write to me on a
number of computers here in the Bay Area. Under djc you can drop
me E/Mail on Club California, (510) 724-5755, (510) 724-1071,
(510) 724-1275, or (510) 724-7123. You can also leave me E/Mail
on Terapin Transit at (510) 644-9328, (510) 486-1537, (510)
644-3770. Remember on these systems to send mail to djc.
Using the name Don Coco I can be contacted on Baytalk, (415)
864-6430, The K.A.L.W. BBS at (415) 641-4373, or SF/Net at (415)
824-8747 or (510) 450-0155.

HAPPY LISTENING.

djc@terapin.com Out!

893. Re: 800Mhz Cellular Band?

Newsgroup: rec.radio.scanner
Date: 1994-02-06 13:53:14 UTC
From: schuster@panix.com
Message-ID: <2j2soa$5ke@panix2.panix.com>
Source record: 277205

In article <1994Feb6.023312.1@uoft02.utoledo.edu>,
<cscon0151@uoft02.utoledo.edu> wrote:
>In article <2j1f7u$q4t@vixen.cso.uiuc.edu>, mraub@prairienet.org (Michael E. Raub)
writes:
>>
>> In a previous article, w644171c@edinboro.edu () says:
>>
>>>What is the upper and lower limits to the Cellular phone band, and is it
>>>a 12.5 STEP NFM?
>>
>> Rumor has it that the cell output frequencies are between 868.940-896.000
>> MHz. Spacing in USA is 30 KHz-this may be different in other counties.
>>
>> Mike Raub
>> mraub@prairienet.org
>>
>-I'm pretty sure the upper limit is 894.000-

According to the Motorola technical manual, the towers transmit between
869.030 - 893.980, on 832 channel AMPS/NAMPS systems.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

894. Re: BC200XLT earphone suggestion

Newsgroup: rec.radio.scanner
Date: 1994-02-06 14:15:11 UTC
From: dino@CAM.ORG
Message-ID: <2j2u1f$chk@altitude.HIP.CAM.ORG>
Source record: 277210

dleon@seas.smu.edu (David Leon) writes:

>I have a BC200xlt. I would like to use an earphone with this unit, but
>due to the jack, I have to use a mini adapter. The problem: the mini
>adapter has to be wiggled on occasion in order to hear. Is there a
>recommended headphone to use with the correct jack on it? Is it common
>for the BC's to have this problem with the earphone jack?

>Dave

Sound like you have a bad connection Dave. You may try to use a chemical
called Stabilant22, a contact enhancer. You can always find a set of
hearphones you like and change the connector to reduce the stress on the
earphone jack. I have a 200xlt and never had such a problem.
good luck , Dino. dino@cam.org

895. DTMF Decoders - Wher�����

Newsgroup: rec.radio.scanner
Date: 1994-02-06 15:43:00 UTC
From: derek.buchler@channel1.com
Message-ID: <40.768.2433.0NE16D82@channel1.com>
Source record: 277193

MH> r_egeland@cc.colorado.edu (RYAN EGELAND) writes:

MH> >Other than soundblaster, are there any cheap DTMF decoders around?
MH> Where do >you find them? I know there is test equipment available
MH> for around $300 that

I keep seeing references to programs that work with a soundblaster card
but to date, I have never seen a listing of such programs.

Could someone give me an idea of which programs they are and what they
do?

Thanks,

Derek (who is studying for his ticket)
derek.buchler@channel1.com
* RM 1.2 00223 * I live in a quiet neighborhood - they use silencers.

896. Re: Monitoring Article in *Wired*

Newsgroup: rec.radio.scanner
Date: 1994-02-06 18:13:10 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2j3bvm$3l0@umcc.umcc.umich.edu>
Source record: 277212

In article <JSWAN.94Feb6090025@elaine53.stanford.edu>,
Jerold Loren Swan <jswan@elaine53.Stanford.EDU> wrote:
>
>For those who haven't seen it, there's an interesting article on military
>monitoring in this month's issue of *Wired*.
>
>It's about a guy in Texas who has used scanners to listen in on the
>radio traffic of still-secret military aircraft.

Correction: it is about a guy in Texas (Steve Douglass) who
monitors military aviation traffic, and sometimes jumps to conclusions
(regardless of whether or not they end up being right or wrong) that he's
hearing "still-secret military aircraft."

>Jay Swan

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

897. How to SUB?

Newsgroup: rec.radio.scanner
Date: 1994-02-06 18:53:03 UTC
From: ad426@dayton.wright.edu
Message-ID: <9402061853.AA29075@dayton.wright.edu>
Source record: 277213

I tried to subscribe to this newsgroup so thatI could receive the posting by e-mail. I tried to e-mail to the listserver : listserv@ucsd.edu and sending the command sub (my address) radio-info. I am receiving headings that say radio-info, but they are empty. I would appreciate any help in solving my problem.

898. Re: Cordless tel monitoring the right way

Newsgroup: rec.radio.scanner
Date: 1994-02-06 21:00:14 UTC
From: tweek@netcom.com
Message-ID: <tweekCKtMCG.2IA@netcom.com>
Source record: 277200

In article <2j2n4q$q4v@mailer.fsu.edu> posted to the Usenet Newsgroup(s)
rec.radio.scanner
hansen@next1.scri.fsu.edu (Jim Hansen) writes:
>[...]
> I have compared it to all my scanners and the handset
>takes the cake.

This has got to be bait... and being aware that is what it appears to be,
I still opt to follow up to it. (rec.sports.olympic clues me in)

What the heck are you talking about. I have a $99 scanner with a 5 mile
reception rance on cordless phones. You are crazy!

899. TEMPEST - Electronic Eavesdropping

Newsgroup: rec.radio.scanner
Date: 1994-02-06 21:08:33 UTC
From: R.O.Jackson-SE1@cs.bham.ac.uk
Message-ID: <2j3m8h$m6j@percy.cs.bham.ac.uk>
Source record: 277201
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.scanner

Transient Electromagnetic Pulse Emanation Standard (TEMPEST) is the US standard defining the amount of electromagnetic radiation that a device may emit without compromising the information it is processing.

In the US it not illegal to posess TEMPEST-surveillance equipment but it is illegal to take appropriate counter-measures to prevent surveillance. The US government has refused to release details of its TEMPEST research and has restricted the dissemination of independent research by classifying it.

The US Drug Enforcement Agency (DEA) makes use of TEMPEST secured electronics and computers as they believe that the drug cartels may possess surveillance equipment.

I am interested in gathering comments on the social, legal, ethical, and technical aspects of use of TEMPEST surveillance equipment in the US and Europe with the aim of including it in a discussion of the threats to computer/digital systems.

Please reply by E-mail. I will provide a summary to anybody who requests one.

thanks, - Rob Jackson

(more information on TEMPEST can be found in the paper "Eavesdropping On the Electromagnetic Emanations of Digital Equipment: The Laws of Canada, England, and the US" by Cristopher Seline - available on FTP from csrc.ncsl.nist.gov)

900. Radio Shack Pro-51 Scanner!?

Newsgroup: rec.radio.scanner
Date: 1994-02-06 21:52:30 UTC
From: bjparry@netcom.com
Message-ID: <bjparryCKtorJ.41F@netcom.com>
Source record: 277202

I just saw the new RS Pro 51 scanner at a local (bay area) RS. They wouldn't open the case and let me look at it (some nervous newbie) and they didn't have any info on it (they wouldn't let me see the manual either.

Anybody have any info on this scanner?

It has what I consider neat styling - thin and then a buldge near the top for the LCD display. About the same size as the Pro 43. Has buttons marked Wx (weather), Air, and Marine. Has hyperscan, but I don't know how fast that really is. The price was $299 which make me think it wouldn't be as good as the Pro 43, but then again it has a higher model number.

A last thought, this may be the new Pro 43 replacment that can't be modified for cellular.

=Beech=

901. Re: Radio Shack Pro-51 Scanner!?

Newsgroup: rec.radio.scanner
Date: 1994-02-06 22:55:25 UTC
From: schuster@panix.com
Message-ID: <2j3sgt$l8b@panix2.panix.com>
Source record: 277204

In article <bjparryCKtorJ.41F@netcom.com>,
Brian Parry <bjparry@netcom.com> wrote:
>I just saw the new RS Pro 51 scanner at a local (bay area) RS. They wouldn't
>open the case and let me look at it (some nervous newbie) and they didn't have
>any info on it (they wouldn't let me see the manual either.
>
>Anybody have any info on this scanner?
>
>It has what I consider neat styling - thin and then a buldge near the top for
>the LCD display. About the same size as the Pro 43. Has buttons marked
>Wx (weather), Air, and Marine. Has hyperscan, but I don't know how fast that
>really is. The price was $299 which make me think it wouldn't be as good as
>the Pro 43, but then again it has a higher model number.
>
>A last thought, this may be the new Pro 43 replacment that can't be modified
>for cellular.

No. It's the replacement for the PRO-39. Made by Uniden.
(GRE got type acceptance for a re-worked version of the scanner we call the
PRO-43, late last year. Whether that will surface as a "pro-43A" after
April is anyone's guess.)

Early reports say it's got better immunity to intermod on VHF-hi than the
PRO-43. Also it takes 4 AA cells instead of 6. One user said he was
getting images of aircraft comms in the VHF hi band, and images of
cellular traffic in the high 800's. Nobody, to my knowledge, has yet
tested the impresison that the cellular lockout can be undone.

This scanner doesn't tune the mil air band, just like the PRO-39 doesn't.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

902. RE: Garfield

Newsgroup: rec.radio.scanner
Date: 1994-02-07 01:15:01 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb6.201501.1@uoft02.utoledo.edu>
Source record: 277206

jkearman@arrl.org (Jim Kearman (KR1S)) writes:
> I've been trying to connect to garfield.catt.ncsu.edu
> or the announced new ftp site, fritz.catt.ncsu.edu

I just connected and looked at the scanner dir there. ftp.catt.nscu.edu or
fritz.catt.ncsu.edu will get you there. Check the \pub\hamradio\scanner dirs.

> I get "connected" but nothing happens after that.

Do you get a some type of prompt?

> Is it something I said? I'd really like to ftp some
> of the freq files. If you can offer a suggestion, please
> email to me at jkearman@arrl.org
>
> Thanks,
>
> Jim
--
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

903. Re: Scanner Antennas

Newsgroup: rec.radio.scanner
Date: 1994-02-07 01:29:03 UTC
From: lblume@maestro.maestro.com
Message-ID: <CKtysG.3u3@maestro.maestro.com>
Source record: 277207

Forget it Richard. The TV antennas are tuned to the wrong freq. for the scanner. If you go to Radio Shack and plunk down $50 you can get a great scanner antenna that will increase your range by 10 times over your built-in antenna. Or even a mobile $15 antenna will help quite a bit.

Flood (rflood@cis.umassd.edu) wrote:
: We have about 3 Pre-Cable TV Antennas installed on our roof and and
: attick (sp??). I would like to connect them to my Pro-43 to increase
: the range. Has anyone done this? I'm just looking for a little info
: before I try it.

: Anything special I should do?

: Anything I should watch out for?
:
: How much good will it do?

: This is just for occasional use. I don't have any plans on connecting
: it all the time. If anyone has any expeirence doing this i would
: appreciate any info.

: Thanks in Advance!!!!
: -Rich--

: ============================
: /---\ Richard M. Flood
: | O O | rflood@cis.umassd.edu
: ------oOO--U--OOo------ rflood@umassd.edu
: Always Expose, Explain,and Explore, ============================
: that which is forbidden!

904. Police Scrambled was:Re: cheapest police scanner?

Newsgroup: rec.radio.scanner
Date: 1994-02-07 01:50:32 UTC
From: rflood@cis.umassd.edu
Message-ID: <CKtzs9.CE3@umassd.edu>
Source record: 277208

In <1994Feb6.102554.9111@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:

>zenith89@bnr.ca (Chris VanFleet) writes:
>:
>: PS. I asked the Ottawa Chief of Police about their future radio
>: plans and he says the various Ottawa area police forces are
>: switching to a digital, encrypted trunked system in mid 95
>: approximately. They need to stop all public monitoring. So
>: don't spend too much $$$ on a "police" scanner, cause after
>: they switch no "civvies" will be able to listen !!!!

>You might ask the Chief why they have to stop such monitoring.
>Ask him what they are doing illegal that they don't want people
>to hear about.

>You might also talk to the Ottawa politicians about this.

I agree that the police should not scramble ALL there communications.
Listening to there communications give the citizens they WORK for a
wealth of infornmation. Listening to the police bands during storms
give people an idea of what roads are frozen, flooded, ect .... It
also gives people an idea of what is actually happening in there
city/town.

I can only speak for myself, but listening to my local police opened
my eyes to how hard my local police dept. works. They know people can
listen and simply use beepers and telephones to provide more secure
lines of communication.

However I doubt that the police see scanners the same way. It will be
a sad day when police do indeed scramble their communication to
prevent people from knowing what really is going on. Maybe some
communities will see scanners in a more positive light and require
departments to have scrambled and un-scrambled freq's. Does anyone
know if any communities has taken this approach?

-Rich
--

============================
/---\ Richard M. Flood
| O O | rflood@cis.umassd.edu
------oOO--U--OOo------ rflood@umassd.edu
Always Expose, Explain,and Explore, ============================
that which is forbidden!

905. Re: TEMPEST - Electronic Eavesdropping

Newsgroup: rec.radio.scanner
Date: 1994-02-07 02:19:37 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2j48fp$kcd@umcc.umcc.umich.edu>
Source record: 277209
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.scanner

In article <2j3m8h$m6j@percy.cs.bham.ac.uk>,
Rob Jackson <roj@cs.bham.ac.uk> wrote:
>
>In the US it not illegal to posess TEMPEST-surveillance equipment but
>it is illegal to take appropriate counter-measures to prevent
>surveillance. The US government has refused to release details of its
>TEMPEST research and has restricted the dissemination of independent
>research by classifying it.

In no way does that equate to it being illegal to attempt to
suppress spurious electromagnetic radiation from computing devices. The
FCC even has rules requiring EMI/RFI filtering & suppression for
civillian & commercial computers & peripherals, albeit not in the name
of national security.

>The US Drug Enforcement Agency (DEA) makes use of
>TEMPEST secured
>electronics and computers as they believe that the drug cartels may
>possess surveillance equipment.
>
Yes & no. Some DEA processing machines contain or are capable of
accessing classified information. That alone requires the machines and/or
their containing room to meet certain TEMPEST criteria. The classified
info is what necessitates TEMPEST, and not specifically the belief that
narcotic organizations are using Van Eck devices, etc.

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

906. Garfield

Newsgroup: rec.radio.scanner
Date: 1994-02-07 21:46:26 UTC
From: jkearman@arrl.org
Message-ID: <1994Feb7.214626.426@arrl.org>
Source record: 277214

Has anyone tried to ftp from the new "garfield" site,
ftp.catt.ncsu.edu?

Is it overly busy? I get connected, but nothing happens
after that.

Email to me is fine. Thanks.

Jim

jkearman@arrl.org

907. F Sale: Touch Tone Decode

Newsgroup: rec.radio.scanner
Date: 1994-02-07 23:49:00 UTC
From: jack.treger@channel1.com
Message-ID: <40.805.2433.0NE16E40@channel1.com>
Source record: 277215

```
R_>tone codes used by ma bell. The design comes from the ARRL handbook for 199
R_>The decoder is based on the silicon systems chip 202. The output will be a
R_>binary representation in LEDs, and can be converted into the familiar 0-9, #
R_>*, and ABCD digits. The chip costs around five bucks, but needs to be order
R_>in lots of twenty to get a good price. If anyone would like me to build a D
R_>decoder for them, I would be willing to do it for about $25 (parts included)
R_>Just let me know if you would like one of these, and I would be glad to make
R_>one for anyone who asks. I'm not trying to make a lot of money, but would l
R_>to have a little fun making these decoders. I don't mind if you pay in adva
R_>or or send me a check later. (Please be fair). The price that I have seen
R_>similar units in Monitoring Times is $99. Just let me know how many of thes
R_>little guys you want, and I'll put you on a list to recieve them after I ord
R_>the chips, resistors, crystals, etc. and get them assembled.
```

Yes, I'm interested.

• SLMR 2.1a • ==========-

908. Cellworld Buggered Up.!

Newsgroup: rec.radio.scanner
Date: 1994-02-08 00:39:50 UTC
From: adawal@scorch.hna.com.au
Message-ID: <1994Feb8.003950.31798@scorch.hna.com.au>
Source record: 277216

Greetings!

For some reason The cellworld files were out of order on my system and NN would not decode them! :< .. Oweing to a loack of experience in Unix I could not manually decode them either! .. So would someone either Repost em of Email me?

ciao

909. Re: chp freq.-1

Newsgroup: rec.radio.scanner
Date: 1994-02-08 01:12:08 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb8.011208.19732@hpcvaac.cv.hp.com>
Source record: 277217

UofO (dopey) writes:
: I think that you some how have to decode their signals in order to listen
: to the CHP. This is the way police protect their conversation from people
: like us.

The majority of the information is unencoded, as it should be. Sensitive
traffic is scrambled.

Bill

910. Re: Descrambling...

Newsgroup: rec.radio.scanner
Date: 1994-02-08 01:17:59 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb8.011759.19881@hpcvaac.cv.hp.com>
Source record: 277218

cyborg@infinet.com (Kristopher Hurt) writes:
: The Taxicabs in my area use scrambled communications, the scrambling
: sounds like Charlie Brown's teacher talking... Is there any mod/add-on I
: can do to my 100XLT to unscramble these? Any help would be appreciated..

This is simply frequency inversion. There is at least one company that
sells a descrambler (Ramsey?).

Bill

911. Icom I2-SRA / HELP

Newsgroup: rec.radio.scanner
Date: 1994-02-08 04:17:00 UTC
From: nwoodard@nmsu.edu
Message-ID: <2j73nsINN5pd@dns1.NMSU.Edu>
Source record: 277219

E-mail address: norm@rever.nmsu.edu

--
NNNN NNNN OOOOOOO RRRRRRRR MMMMMMMMMMMMMMMMMM
NNNNNN NNNN OOOO OOOO RRRR RRR MMMMMM MMMMM MMMMM
NNNN NNN NNNN OOOO OOOO RRRR RRR MMMMM MMMMM MMMMM
NNNN NNNNNNN OOOOOOOOO RRRR RRRR MMMMM MMMMM MMMMM

912. Icom 2-SRA / HELP

Newsgroup: rec.radio.scanner
Date: 1994-02-08 04:21:36 UTC
From: nwoodard@nmsu.edu
Message-ID: <2j740gINN5ve@dns1.NMSU.Edu>
Source record: 277220

I need to find a mini stereo to bnc connector for the receiver on my hand-
held. Iknow that it exists, I just can't find it anywhere. I would appreciate any help
finding this connector. Thanks in advance.
E-mail address: norm@rever.nmsu.edu

--
NNNN NNNN OOOOOOO RRRRRRRR MMMMMMMMMMMMMMMMMM
NNNNNN NNNN OOOO OOOO RRRR RRR MMMMMM MMMMM MMMMM
NNNN NNN NNNN OOOO OOOO RRRR RRR MMMMM MMMMM MMMMM
NNNN NNNNNNN OOOOOOOOO RRRR RRRR MMMMM MMMMM MMMMM

913. Re: Questions about air traffic terms

Newsgroup: rec.radio.scanner
Date: 1994-02-08 05:27:19 UTC
From: normd@zimmer.CSUFresno.EDU
Message-ID: <CKw4HJ.ICM@zimmer.CSUFresno.EDU>
Source record: 277221

Its my buisness. I work for the FAA.

Let me know if I can help. Norm

914. Re: Frequencies for Miramar NAS

Newsgroup: rec.radio.scanner
Date: 1994-02-08 10:55:29 UTC
From: woody@udcf.gla.ac.uk
Message-ID: <woody.760704929@cent.gla.ac.uk>
Source record: 277222
Cross-posted to: alt.radio.scanner,rec.radio.scanner

tfoecke@nist.gov (Tim Foecke) writes:

>I'll be in San Diego this weekend for business, and have a bit of free time.
>Does anyone have any good frequencies to listen to for Miramar NAS?

You can try these - possibly some have been changed by now. The list is sorted by service and user, but you can resort by frequency to see what range you want to search on your scanner.

Have fun, and if you see the F-14 in Iranian Air Force scheme, give it my regards.

woody
----snip---%<---snippity---%<---CUT HERE---%<-----snip----%<------snip---%<---
350.8000 FAA Radar Controllers
360.8000 FAA Radar Controllers
138.8550 Navy
140.8950 Navy
142.5150 Navy
143.7150 Navy
235.4000 Navy
249.8000 Navy
253.3000 Navy
253.8000 Navy
255.0000 Navy
263.5000 Navy
265.7000 Navy
267.7000 Navy
275.5000 Navy
278.2000 Navy
283.3000 Navy
284.5000 Navy
300.2000 Navy
313.0000 Navy
314.9000 Navy
328.3000 Navy
344.3000 Navy
354.7000 Navy
355.7000 Navy
361.9000 Navy
362.5000 Navy
362.6000 Navy
383.7000 Navy
239.7000 Navy "AARDVARK" Base / Tactical Comms

250.8000 Navy "GOLDEN HAWK" Base
255.3000 Navy "HAPPY HUNTER"
262.7000 Navy "HAPPY HUNTER"
311.8000 Navy "HASSLE" Base
282.7000 Navy "TOP GUN" Base
322.3500 Navy "TOP GUN" Tactical Comms
332.3500 Navy "TOPGUN" Tactical
272.2000 Navy ACMR "WAR WAGON"
280.4000 Navy ATIS
290.4000 Navy Approach / Departure
318.8000 Navy Approach / Departure
323.0000 Navy Approach / Departure
363.1000 Navy Approach / Departure
381.5000 Navy Approach / Departure
300.4000 Navy Approach / Departure (ENE Dept.)
135.2000 Navy Approach Control - 30 nm out +
301.3000 Navy Clearance Delivery
141.1000 Navy Crash and Fire Crews
305.1000 Navy Data
150.2000 Navy EOD / NUC
140.2500 Navy Federal Fire Dispatch - F3
380.8000 Navy Ground Control
304.1000 Navy Interplane Comms
306.0000 Navy Interplane Comms
139.9600 Navy Maintenance
141.0000 Navy Maintenance
142.5250 Navy N.D.R.C. Internal Security
150.5500 Navy Pacific Fighter Wing
134.1000 Navy Radar Controllers
266.8000 Navy Radar Controllers
284.6000 Navy Radar Controllers
289.8000 Navy Radar Controllers
310.8000 Navy Radar Controllers
313.2000 Navy Radar Controllers
322.0000 Navy Radar Controllers
325.2000 Navy Radar Controllers
328.4000 Navy Radar Controllers
346.0000 Navy Radar Controllers
350.8000 Navy Radar Controllers
353.7000 Navy Radar Controllers
355.6000 Navy Radar Controllers
360.8000 Navy Radar Controllers
363.6000 Navy Radar Controllers
374.9000 Navy Radar Controllers
380.3000 Navy Radar Controllers
382.0000 Navy Radar Controllers
385.5000 Navy Radar Controllers
306.7000 Navy San Diego Approach - Area A
285.2000 Navy San Diego Approach - Area C
281.8000 Navy San Diego Approach - Area G

269.1000 Navy San Diego Approach - Area H
150.1500 Navy Security TAC 1
150.0750 Navy Security TAC 2
315.6000 Navy TOWER
265.2500 Navy Top Gun Tactical
376.8000 Navy Universal A/G - "Miramar Radio"
299.7000 Navy VAW-110 "CYCLONE" Base - E2 AWACS
254.7000 Navy VC-12 "SAINT" Base
263.7000 Navy VF-1 "WITCHITA" Base
250.2000 Navy VF-111 "OLD NICK" Base
228.7000 Navy VF-114 "AARDVARKS" Base
253.1000 Navy VF-124 "GUNSLINGER" Base
275.8000 Navy VF-128 "BANDIT" Base
291.3000 Navy VF-2 "BULLET" Base
361.8000 Navy VF-211 "NICKEL" Base
280.2000 Navy VF-213 "BLACK LIONS" Base
344.4000 Navy VF-301 "INFERNO" Base
322.1000 Navy VF-34 "RENEGADE" Base
339.5000 Navy VF-382 "STALLION" Base
254.5000 Navy VF-51 "SCREAMING EAGLES" Base
362.1000 Navy Weather

--
_ __ _,._ __ Ian Woodrow, Glasgow Uni, Scotland _
| | /| / /__ .__ .__/ /\ \/ / phone +44 (0)41-330-4800 >@)
| |/ |/ / _ \/ _ \/ _ / \ / email: woody@compserv.gla.ac.uk (V(_
|__/|__/___/___/___/ /_/===^^\< ==

915. Re: Yupiteru MVT 7000 ?

Newsgroup: rec.radio.scanner
Date: 1994-02-08 12:34:00 UTC
From: ronald@prins.hacktic.nl
Message-ID: <gate.aewFHc1w165w@prins.hacktic.nl>
Source record: 277223

schuster@panix.com (Michael Schuster) writes:

>>It seems there's alot of fans of the 7100 on the net.
>>However, I haven't seen anything on the (new) 7000.
>
>The 7000 is the =old= model.
>It's like a 7100 with fewer channels, and no SSB coverage.
>It's like an AR-1000 with better performance and less complicated
>programming.

How do the 7100 and the 7000 compare in receiving on frequencies
they both cover?

For SSB and 800 more memories I think $200 is a lot of money.

---
ronald@prins.hacktic.nl
---

916. Viewing Webersat TV signals

Newsgroup: rec.radio.scanner
Date: 1994-02-08 14:09:50 UTC
From: wai@iai.mv.com
Message-ID: <760716590snx@iai.mv.com>
Source record: 277224

Has any scanner hobbyist or ham tried receiving live tv views from WEBERSAT
in the following configuration:

440 Mhz ANT--->CABLE TV BOX TUNED BETWEEN CH59 and 60--->Home TV

Basically, the above diagram shows a Cable TV Box hooked up to an
external ant where the cable signal is normally plugged in. The cable box
is then tuned between 59 and 60 where there is on-the-air ham band tv.
The output of the cable box is fed into the big screen TV.

Before I do this at my house, can anybody comment on the quality of the
signal from space? Can I use a discone antenna?

Also, has anybody with a high end scanner (with video output jacks of course)
receive Webersat xmissions.

For the newcomer,
Webersat is a ham satellite that sends live TV pictures of Earth as it
flys over your area. (Don't ask me for Keplerian elements. Get them
from Compuserve or local BBS)

Thanks,

Wai Hom - WB3BHT Imaging Automation, Inc.
wai@iai.mv.com (603) 598-3400
FAX: (603) 598-3422

917. Re: Scanner Antennas

Newsgroup: rec.radio.scanner
Date: 1994-02-08 14:44:12 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb8.094412.1@uoft02.utoledo.edu>
Source record: 277225
Cross-posted to: rec.radio.scanner,alt.radio.scanner

lblume@maestro.maestro.com (Lawrence Blume) writes:

> Forget it Richard. The TV antennas are tuned to the wrong freq. for
> the scanner. If you go to Radio Shack and plunk down $50 you can get a
> great scanner antenna that will increase your range by 10 times over
> your built-in antenna. Or even a mobile $15 antenna will help quite a
> bit.

I beg to differ. If one has access to a log peroidic VHF-UHF antenna, it makes great use as a beam! Only one problem, to pick up most 2-way communications, it would be extremely benefical to vertically polarize the antenna (i.e. turn the antenna 90 degrees).

I use an old VHF-UHF log peroidic with great success. And it only cost me the price of 40ft of RG-8-Sat. My parents switched to cable about 10 yrs. ago, and ever since, the old 'aerial' hasn't been utilized. However, now it sometimes picks UHF repeaters at 60 miles (even more when there's band openings).

Point is, if you or a neighbor has one of these antennae 'laying' around, they can be a cheap external antenna that works extremely well!

> Flood (rflood@cis.umassd.edu) wrote:
> : We have about 3 Pre-Cable TV Antennas installed on our roof and and
> : attick (sp??). I would like to connect them to my Pro-43 to increase
> : the range. Has anyone done this? I'm just looking for a little info
> : before I try it.
>
> : Anything special I should do?
>
> : Anything I should watch out for?
> :
> : How much good will it do?
>
> : This is just for occasional use. I don't have any plans on connecting
> : it all the time. If anyone has any expeirence doing this i would
> : appreciate any info.

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

918. Re: Garfield

Newsgroup: rec.radio.scanner
Date: 1994-02-08 15:01:47 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb8.100147.1@uoft02.utoledo.edu>
Source record: 277226

jkearman@arrl.org (Jim Kearman (KR1S)) writes:

> Has anyone tried to ftp from the new "garfield" site,
> ftp.catt.ncsu.edu?
>
> Is it overly busy? I get connected, but nothing happens
> after that.
>
> Email to me is fine. Thanks.
>
> Jim

I see what you mean. In my previous post, I logged in anonymously
successfully, then moved to the proper directory without 'doing' a dir.

I just tried again, and while I was able to move from dir to dir, I was unable
to get list of the files in any directory. 0 bytes transferred at 0 bps.
Whatever. This site must be offline for awhile!

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

919. Re: Descrambling...

Newsgroup: rec.radio.scanner
Date: 1994-02-08 15:59:33 UTC
From: wai@iai.mv.com
Message-ID: <760723173snx@iai.mv.com>
Source record: 277227

cyborg@infinet.com writes in article <2j5gfq$gio@rigel.infinet.com>:
>
> The Taxicabs in my area use scrambled communications, the scrambling
> sounds like Charlie Brown's teacher talking... Is there any mod/add-on I
> can do to my 100XLT to unscramble these? Any help would be appreciated..
>
It almost sounds like an "off frequency" problem. Can you tune -+5 KC from
the frequency? In other words, if your display is reading "154.19". Can you
punch in "154.185" or "154.195"?

This may help.

> Thanks,
> Kris Hurt
> EMT-P
>
>
>
Wai Hom Imaging Automation, Inc.
wai@iai.mv.com (603) 598-3400
FAX: (603) 598-3422

920. Antenna in Attic?

Newsgroup: rec.radio.scanner
Date: 1994-02-08 16:38:48 UTC
From: lenny@pmafire.inel.gov
Message-ID: <1994Feb8.163848.23733@pmafire.inel.gov>
Source record: 277228

Having recently purchased a PRO 2006, I am now in the market for an antenna that will enhance my scanners performance. Radio Shack has an antenna that covers 50MHz- (approx.)1400MHz for $60. If I place this antenna in my attic will I drastically decrease it's performance as opposed to placing it on the roof??? I live in a two story home on a hill that is above everyone else.

Thanks in advance,
lenny@pmafire.inel.gov

921. Re: Viewing Webersat TV signals

Newsgroup: rec.radio.scanner
Date: 1994-02-08 16:43:24 UTC
From: tweek@netcom.com
Message-ID: <tweekCKwzsD.FML@netcom.com>
Source record: 277229

In article <760716590snx@iai.mv.com> posted to the Usenet Newsgroup(s)
rec.radio.scanner
wai@iai.mv.com (Wai Hom) writes:
>Has any scanner hobbyist or ham tried receiving live tv views from WEBERSAT
>in the following configuration:
>
> 440 Mhz ANT--->CABLE TV BOX TUNED BETWEEN CH59 and 60--->Home TV
>
>Basically, the above diagram shows a Cable TV Box hooked up to an
>external ant where the cable signal is normally plugged in. The cable box
>is then tuned between 59 and 60 where there is on-the-air ham band tv.
> The output of the cable box is fed into the big screen TV.
>
>Before I do this at my house, can anybody comment on the quality of the
>signal from space? Can I use a discone antenna?

I must try this. I wasn't aware that it existed.

I would suspect that a discone antenna, although it might work slightly,
would not get you the best signal available. The design of the discone
is most efficient for signals low on the horizon (read as earth based
signals).

As for picking up Ham TV signals with a cable ready set... it works, but
I would like to know how you "tune between 59 and 60" being that most all
modern day TV tuners (the ones that would be cable ready) are stepped and
not variable. (What is the exact frequency for webersat?) Hopefully you
will have enough signal available so that the tuner will lock onto the
off frequency signal.

922. WEBERSAT TV SIGNALS OF EARTH

Newsgroup: rec.radio.scanner
Date: 1994-02-08 16:46:01 UTC
From: wai@iai.mv.com
Message-ID: <760725961snx@iai.mv.com>
Source record: 277230

Has anyone here tried receiving live TV images of Earth
from the WEBERSAT ham satellite using this configuration?:

440 Mhz Ant --> CABLE TV BOX TUNED BETWEEN CH 59-60 ---> Home TV

Explanation of above:
Replace cable tv signal with 440 antenna.

Cable TV Box is tuned between CH 59 and 60 to pick up the sat's tv
pictures of Earth being transmitted on the 440 ATV Ham Band.

Output of Cable TV box to TV set for viewing.

1. I would like to know what the quality of the signal is with this
configuration, if anyone has done it.
2. Can I get away with using a discone antenna or do I have to use
a hi-gain yagi?
3. Does anyone use their video-capable high-end scanner (Yasea, ICOM)
for viewing tv sat images?

Thanks

Wai Hom - WB3BHT Imaging Automation, Inc.
wai@iai.mv.com (603) 598-3400
FAX: (603) 598-3422

923. Place for scanner mods in Chicago

Newsgroup: rec.radio.scanner
Date: 1994-02-08 16:51:25 UTC
From: System Operator <system@ftgcorp.UUCP>
Message-ID: <e1TFHc1w165w@ftgcorp.UUCP>
Source record: 277231

For the recent poster(s) looking for a professional place near Chicago
to have your scanner modified, go to

The Command Post
6143 West Touhy Ave
Chicago, IL 60648
(312) 631-5560

It's run by Ted and Kim Moran, who also help run the Chicago
area scanner radio group. Ted is also the author (compiler?)
of the Scanner Master book for the Chicago area.

Ted sells scanner-specific supplies and books out of his store,
as well as doing scanner modifications.

I have no connection with Ted or Kim, other than having purchased
an antenna and NiCad batteries from them. They're friendly and
knowledgable folks, and after some negative experiences in some
Chicago-area ham radio stores, I highly recommend giving your
business to Ted.

Dan

--
system@ftgcorp.UUCP (System Operator)
The Fountainhead Title Group Corporation
Real Estate Title Services

924. Re: Questions about air traffic terms

Newsgroup: rec.radio.scanner
Date: 1994-02-08 18:42:02 UTC
From: reece@eco.twg.com
Message-ID: <2j8mdq$b2v@scoop.eco.twg.com>
Source record: 277232

In article <CKu5L2.pt@zimmer.CSUFresno.EDU>, normd@zimmer.CSUFresno.EDU (Norm Davis) writes:
|>
|>Heavy is 350,000 lbs
|>
|>Norm atcs fat fss

In article <CKw4HJ.ICM@zimmer.CSUFresno.EDU>, normd@zimmer.CSUFresno.EDU (Norm Davis) writes:
|>
|> Its my buisness. I work for the FAA.
|>
|>Let me know if I can help. Norm

Uhh... Norm, perhaps you should read the FARs/AIM a little more carefully.
From the "Pilot/Controller Glossary", quoted verbatim:

AIRCRAFT CLASSES -- For the purposes of wake turbulance separation minima, ATC classifies aircraft as Heave, Large, and Small as follows:

1. Heavy -- Aircraft capable of takeoff weights of 300,000 pounds or more whether or not they are operating at this weight during a particular phase of flight.

2. Large -- Aircraft of more than 12,500 pounds, maximum certificated takeoff weight, up to 300,000 pounds.

3. Small -- Aircraft of 12,500 pounds or less maximum certificated takeoff weight.

925. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-02-08 19:51:34 UTC
From: savage@viper.rtp.dg.com
Message-ID: <1994Feb8.195134.9219@dg-rtp.dg.com>
Source record: 277233

In article <CKIL0s.FFI@microsoft.com> a-timcar@microsoft.com (Tim Carlson) writes:
>FYI, Pioneer Data in Woodburn, OR sells the Pro43 for $269,
>which includes delivery. I received mine the day after I
>ordered it. They're a RShack dealer. (503) 982-5115

Better yet, $259.95 from Marymac (800-231-3680) including S&H.

BTW, I love my Pro-43! :) I don't know how long I can wait 'til I do the
audio & cellular mod though! Anybody know of Radio Shack would complain
if I brought the Pro-43 in for warranty work and I moved some diodes
around?

--Ed

Edward Savage savage@dg-rtp.dg.com

926. Re: Descrambling...

Newsgroup: rec.radio.scanner
Date: 1994-02-08 20:25:30 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb8.202530.12247@hpcvaac.cv.hp.com>
Source record: 277234

tim@umcc.umcc.umich.edu (Tim Tyler) writes:
: In article <1994Feb8.011759.19881@hpcvaac.cv.hp.com>,
: bill nelson <billn@hpcvaac.cv.hp.com> wrote:
: >
: >This is simply frequency inversion. There is at least one company that
: >sells a descrambler (Ramsey?).
: >
: >Bill
:
: Perhaps Bill is more familiar with Charlie Brown's teacher than
: I, but while it most likely is just 3kHz baseband invesrion, it could
: also be rolling-code inversion or a similar analog system that is
: exponentially more secure than single-phase inversion.

It could be, but is highly unlikely. Most taxi companies would not be
willing to spend the buck for a RC or other system.
:
:
:
: --
: Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
: P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
: Ypsilanti MI "I'm just an innocent little frog, trying to
: 48197 hop my way across the Information Superhighway"

927. Re: Scanner Antennas

Newsgroup: rec.radio.scanner
Date: 1994-02-08 21:20:23 UTC
From: rbishop@oasys.dt.navy.mil
Message-ID: <2j8vmnINNio@oasys.dt.navy.mil>
Source record: 277235
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In rec.radio.scanner, lblume@maestro.maestro.com (Lawrence Blume) writes:
>....stuff deleted...The TV antennas are tuned to the wrong freq. for
>the scanner. If you go to Radio Shack and plunk down $50 you can get a
>great scanner antenna that will increase your range by 10 times over
>your built-in antenna. Or even a mobile $15 antenna will help quite a
>bit.

I was trying to increase the "reach" of my BC55XLT by putting up an outdoor antenna so I could get a little more coverage of nearby railroad activity. I bought an omni-directional scanner antenna from a radio supplier and looked forward to better performance. However, when I connect to the outdoor antenna my radio picks up fuzzy, garbled broadcast band (like AM or FM) transmissions and dosen't pick up any of the stations that it usually does except for some police and fire service from a repeater antenna about a mile away. (It picks these up with no antenna). I believe that, from reading this net, what I am experiencing is front end overload.

I would like to knock down the signal strength so that it would work with my radio and still be an improvement over the rubber duckie inside the house. Am I correct in my theory about what the problem is? Do I have a "matching" problem requiring a antenna tuner or do I have an overload problem that could be solved by putting some extra resistance in the antenna line? (Or is it something entirely different)?

BTW, the '55 works very well with the duckie and also with the Radio Snack telescoping antenna that is frequently discussed on this net.

Bob Bishop

Robert H Bishop Phone 301-227-1218
David Taylor Model Basin FAX 301-227-2654
CDNSWC Code 5051 _ _
Washington DC 20084-5000 "I ( ) my Z-248"
\ /

928. Re: question about scanners

Newsgroup: rec.radio.scanner
Date: 1994-02-08 21:38:25 UTC
From: jthurs@ukelele.gcr.com
Message-ID: <2j90oh$s7o@ukelele.gcr.com>
Source record: 277236

In article <CKMz6r.M2B@freenet.carleton.ca> af017@FreeNet.Carleton.CA (David R. Smith) writes:
>
>
>I am interested in police scanners, never having used one
>before, but here are my questions (I realize no scanners are
>sold as exclusively 'police' scanners, but ones which include
>police frequencies):
>
>1--Does a particular model, say a radio shack one, when it says
>police frequencies, are those going to be =all= the frequencies
>for police (I know other enforcement agencies have other freq's,
>but not interested in that stuff).
Depends what bands the police are on. If the police are on a 800MHz trunked system, and you get a scanner that only goes to 512 MHz, no it won't. Best bet is to see what frequencies your local departments are on, and then go from there. Chances are, if you are in a large metropolitan area, at least some of the services will be on 800MHz.
>2--More generally, are the same bands for police use in every
>state in the U.S. or can different cities use different
>bands?
The latter is correct. In Maryland, for example, the state police run on low band VHF (around 33 MHz I believe). Prince Georges County, MD police run on UHF frequencies (494 MHz). Baltimore County police are on an 800 MHz trunked system. All in the same state, but on 3 different bands.
>3--What are the bands for police, specifically?
They fall under the public safety area of the FCC charts.
Some of the more common ones are 153-156,158-159.995, and 453-453.995 MHz.
There are more though that I cannot remember specifically.
>4--I understand it is illegal to have a portable scanner used
>for listening to police broadcasts in your car, is it still
>legal to use one at home?
It is only illegal to use a scanner in an car in some areas, not all. I do not know of any areas that ban home scanner use. Not saying that there aren't any (there may be). Best bet is to check with your local police.
>5--How much do you miss when a roving scanner for police
>broadcasts, picks one where there is talking, while the
>others are going also?
A lot of variables to take into effect here. How many channels being scanned. How busy the channels are. The scan speed of your scanner. I usually scan until I hear something that may be interesting, and then just stay on that channel until I get bored.
>6--Is it illegal to tape record (using special 10 hour
>tapes, etc.) the scanner police stuff (at home, not in

>car)?
Not to my knowledge. Once again, check with your police dept. You may get some
strange looks, but oh well. Also, if so...how are they going to catch you?
Most police departments are too busy with drug dealers, murders, rapists,
and drunk drivers to care about things such as that.
What **IS** illegal...
1) Using a scanner in the commission or a crime.
2) Divulging any information received over the scanner.
(This is more of a technicality. If enforced, every traffic reporter
on the radio/TV right now would be doing time.) :-)

>thanks for any info
>David Smith
Hope it helps you out. Feel free to e-mail me with questions.
--Jason

==
| Jason Thurston | thurs_j@cs.odu.edu |
| Firefighter III/EMT-A | jthurs@gcr.com |
| Dumfries-Triangle Rescue Squad, Stations 3-Rescue & 17 |
| Prince William County, Virginia, USA |
==

929. NY police codes needed

Newsgroup: rec.radio.scanner
Date: 1994-02-09 00:00:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <760805606.AA00511@rochgte.fidonet.org>
Source record: 277237

My computer somehow nuked all of my police radio code textfiles. If you have your local codes from upstate NY, northern PA and Ontario Province around Lake Ontario, please zap them over to me. Don't post in rec.radio.scanner because 1) I may not get the messages (Pagesat problems) and 2) everybody else may not want to read them.

There are a couple of better ways to send them.

Internet - David.Stark@rochgte.fidonet.org

Fidonet - 1:2613/333.2

Fax - (716) 273-1078

Mail (if you must)

David T. Stark, NF2G
580 Seneca Pkwy
Rochester, NY, 14613-1020

930. PRO-36 For Sale (?)

Newsgroup: rec.radio.scanner
Date: 1994-02-09 01:22:07 UTC
From: mfount@nmu77.UB.com
Message-ID: <CKxnsv.3tM@pippen.ub.com>
Source record: 277238

Well... I've decided to sell my pro-36. It's been good to me. I've had it a year and not a scratch. I would equate it to the new pro-44. Has all the fetures but only 20 channels.

Does anyone, know anyone, that would like to by a "tip-top" pro-36?

I'll be reasonable on the price.

--Mark

Mark Fountaine
mfount@nmu.ub.com
Ungermann-Bass, Inc.

"No... Ungermann-Bass is not a law firm."

931. cellular mod for BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-02-09 01:33:47 UTC
From: sdsst4+@pitt.edu
Message-ID: <14302@blue.cis.pitt.edu>
Source record: 277239

Where can I get information on modifying the BC200XLT to pickup the
Cellular band?

Thanks
zav3535@cup.edu

932. Re: MA State Police 800 MHz system

Newsgroup: rec.radio.scanner
Date: 1994-02-09 02:38:18 UTC
From: "Terry M. Stader KA8SCP" <p00489@psilink.com>
Message-ID: <2969850709.0.p00489@psilink.com>
Source record: 277240

>DATE: Thu, 3 Feb 1994 14:49:10 GMT
>FROM: Stuart Litel <slitel@cadre.com>
>
>Does anyone know the frequencies for the new MA State Police 800 system???
>
>Please post them for all. Also what is the status of the old 44.XX and 42.XX
>frequencies they were using???

Stuart.... most of the 800 MHz freqs being used by the MSP are in the
same grouping as the old "Met" system. There are an additional groups
of frequencies that have been added. If you have access to the the new
5th Edition of Scanner Master, you'll find the groupings. There are a
few odd freqs as well.

What I have found is that the groupings being used here in Mass. are
not the same rotation as what the guys in NJ are talking about... but I
suspect that because our system is still growing things are not set
in stone just yet.

I have one of the new MTS2000 portables and will be getting a new
mobile very soon... when I do... I'll see if I can figure out the groupings.

Right now...the old "Met" system sites are the only ones being used for
the trunking of Troop A. The Andiver site, Holt Hill, is supposed to be
the next site up for trunking. Robbins Hill in Chelmsford was supposed
to be next... but I heard something about Nabscott Hill too. I guess
we'll have to wait. I can tell you that the coverage in many places
outside of 128 is very marginal! But give it time!

933. Re: Monitoring Article in *Wired*

Newsgroup: rec.radio.scanner
Date: 1994-02-09 02:40:54 UTC
From: "Terry M. Stader KA8SCP" <p00489@psilink.com>
Message-ID: <2969851124.1.p00489@psilink.com>
Source record: 277241

>DATE: 6 Feb 1994 13:13:10 -0500
>FROM: Tim Tyler <tim@umcc.umcc.umich.edu>
>
>In article <JSWAN.94Feb6090025@elaine53.stanford.edu>,
>Jerold Loren Swan <jswan@elaine53.Stanford.EDU> wrote:
>>
>>For those who haven't seen it, there's an interesting article on military
>>monitoring in this month's issue of *Wired*.
>>
>>It's about a guy in Texas who has used scanners to listen in on the
>>radio traffic of still-secret military aircraft.
>
> Correction: it is about a guy in Texas (Steve Douglass) who
>monitors military aviation traffic, and sometimes jumps to conclusions
>(regardless of whether or not they end up being right or wrong) that he's
>hearing "still-secret military aircraft."
>
> >Jay Swan
>
>--
> Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
>P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
>Ypsilanti MI "I'm just an innocent little frog, trying to
> 48197 hop my way across the Information Superhighway"

And yet Steve as well as Tim who both have different opinions about
what they hear... have got lots of good information!

Whether you believe what others report or what you hear yourself... the
article does promote the idea is that our Uncle Same is still
experimenting with nifty things! Right Tim?

934. PRO-46 Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1994-02-09 03:16:35 UTC
From: jebraun@ins.infonet.net
Message-ID: <2j9kij$sf3@insosf1.infonet.net>
Source record: 277242

Has anyone modified their PRO-46 to unlock the Cell bands? If so, which diode or diodes need to be excised?

935. Re: Scanner Antennas

Newsgroup: rec.radio.scanner
Date: 1994-02-09 03:23:15 UTC
From: jebraun@ins.infonet.net
Message-ID: <2j9kv3$sf3@insosf1.infonet.net>
Source record: 277243

Rich, All you need do is impedance match the antenna lead to your scanner. Assuming that the antenna wire is the typical 300-ohm flat wire, get a 300 to 75 ohm matching transformer at Radio Shack. It's not a perfect match for your scanner's 50 ohm input, but close enough. Most of these balun's have "F" connectors, so you'll also need to buy an "F" to "BNC" adaptor. You'll now be set. Good luck!

In article <CKEItt.B3z@umassd.edu>, rflood@cis.umassd.edu (Richard M. Flood) writes:
>We have about 3 Pre-Cable TV Antennas installed on our roof and and
>attick (sp??). I would like to connect them to my Pro-43 to increase
>the range. Has anyone done this? I'm just looking for a little info
>before I try it.
>
> Anything special I should do?
>
> Anything I should watch out for?
>
> How much good will it do?
>
>This is just for occasional use. I don't have any plans on connecting
>it all the time. If anyone has any expeirence doing this i would
>appreciate any info.
>
> Thanks in Advance!!!!
>-Rich--
>
> ============================
> /---\ Richard M. Flood
> | O O | rflood@cis.umassd.edu
> ------oOO--U--OOo------ rflood@umassd.edu
> Always Expose, Explain,and Explore, ============================
> that which is forbidden!

936. Re: SCA Receiver

Newsgroup: rec.radio.scanner
Date: 1994-02-09 03:26:56 UTC
From: jebraun@ins.infonet.net
Message-ID: <2j9l60$sf3@insosf1.infonet.net>
Source record: 277244

You want any TV capable of receiving the SAP (second audio program) channel. Most stereo TV's can do so. You'll find many PBS dramas are "audio captioned" for visually impaired persons. However, any fan of radio dramas will also enjoy listening to TV that doesn't require you to watch.

In article <2if0bv$c6s@news.ysu.edu>, ah013@yfn.ysu.edu (Churck M. Mareno) writes:

>
>I would like info on where I might obtain a receiver capable of
>tuning in the sub carrier channels that TV stations use to broadcast
>programs for the blind. Please reply via e-mail. Thanks
>Chuck Mareno

937. Re: Questions about air traffic terms

Newsgroup: rec.radio.scanner
Date: 1994-02-09 03:33:01 UTC
From: jebraun@ins.infonet.net
Message-ID: <2j9lhd$sf3@insosf1.infonet.net>
Source record: 277245

The "heavy" designation applies to any wide body aircraft such as the 747 or
DC-10. The exchange you monitored with regard to ramp crew members might be
related to the "safety slowdown" at United (read that labor protest),
In article <1994Jan30.181356.13461@icd.ab.com>, bjb@petrel.icd.ab.com
(Bradley J. Bittorf) writes:
>I spent part of my weekend renewing my acquaintance with the airport
>frequencies at Cleveland Hopkins airport. (Having a PRO-39 certainly
>beats the analog Patrolman SW-60, although I can no longer receive
>several closely-spaced frequencies concurrently like I used to ;-).
>
>Anyway, I was reminded of several questions I never bothered to
>answer. Sometimes when pilots are receiving instructions, they get
>something like 'contact xxxx, 126.7, squawk 5.' What does the
>"squawk" signify?
>
>Also, occasionally, I hear commercial airliners give their
>designation as something like 'United 564 heavy.' My observation
>is that these are usually large aircraft, but I wondered what
>'heavy' designates. Is this a plane loaded past a certain percentage
>of its capacity, or too big to use certain runway lengths, or what?
>
>Best two exchanges of the day were:
>1) a pilot asking permission to push back on a ramp that was cramped
> because it also being plowed at the time. Ramp control: "OK,
> push back but don't block gate 18--he's next out." Pilot: "Roger,
> don't block Charlie-18. If the driver does, we'll kill him."
> Laughter from ramp control.
>
>2) another pilot calling for a pushback for the second time, upset
> that there was no ground crew anywhere on the ramp. The tower
> answered, "He's under your nose; there's a guy waving at you
> right now."
> "Oh... Roger."
>
>Anybody interested in the Hopkins frequencies I have can send e-mail.
>--
>Bradley J. Bittorf|"I'll go round people up. I'd rather truncate them, but
>Allen-Bradley Co. | I'll round 'em up." --David J. Bauer, expressing his
>(216) 646-4629 | frustration about the late start of a meeting, 26 Jan 1989
>bjb@icd.ab.com |

938. Re: Antenna in Attic?

Newsgroup: rec.radio.scanner
Date: 1994-02-09 04:18:30 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb8.231830.1@uoft02.utoledo.edu>
Source record: 277246

lenny@pmafire.inel.gov (Lenny) writes:

> Having recently purchased a PRO 2006, I am now in the market for an
> antenna that will enhance my scanners performance. Radio Shack has an
> antenna that covers 50MHz- (approx.)1400MHz for $60. If I place this
> antenna in my attic will I drastically decrease it's performance as
> opposed to placing it on the roof??? I live in a two story home on a
> hill that is above everyone else.
--

I would recommend the Channel Master 8094A. From other monitors listening experience, and a review in Monitoring Times (a few years ago) convinced me. The antenna retails for somewhere around $45. Grove Enterprises has the same antenna under their name (the Scanantenna). I have heard of Austin-Condor's antenna line but have never heard any reviews of them. They claim Federal agencies use their products, so I can imagine they are expensive! ;-)

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

939. Re: Scanner Antennas

Newsgroup: rec.radio.scanner
Date: 1994-02-09 04:27:49 UTC
From: grady@netcom.com
Message-ID: <gradyCKxwEE.L1@netcom.com>
Source record: 277247
Cross-posted to: rec.radio.scanner,alt.radio.scanner

A discone antenna, while great bandwidth, only has unity gain.

You are probably getting 10-15dB gain simply going from an
indoor dummy load (rubber duck) to something high and in the clear.

You might try to filter out some of the offending frequencies
using frequency-specific filters that you can make yourself
from tables in, for example, the ARRL handbook, or can buy
from commercial radio outfitters. (I like International
Communications Equipment, Inc. for their overdesigned boxes;
1 800 ICE COMM for a free brochure and tip sheets).

Knock down the commercial stuff below 25 Mhz and see how that works
before thinking about beam (directional) antennas or other
remedies.

--
Grady Ward | compiler of Moby lexicons: | finger grady@netcom.com
+1 707 826 7715 | Words, Hyphenator, Part-of-Speech | for more information
(voice/24hr FAX) | Pronunciator, Thesaurus | 15 E2 AD D3 D1 C6 F3 FC
grady@netcom.com | and Language; all royalty-free | 58 AC F7 3D 4F 01 1E 2F

940. ALERT ALERT ALERT

Newsgroup: rec.radio.scanner
Date: 1994-02-09 05:58:00 UTC
From: joseph.pereira@channel1.com
Message-ID: <40.826.2433.0NE16EED@channel1.com>
Source record: 277248

Greetings......
I just stoped into Radio Shack to browse.....behold...a brand NEW
hand held scanner!!
RS PRO-51
BEAUTIFUL thing...more compact then the 43!! Scanning frequencies are as
follows:
29-29.7
29.7-50
50-54
108-136.975
137-144
144-148
148-174
406-450
450-470
470-512
806-823.9375
851-868.9375
896.1125-956

Anyone know about this scanner....can it *mod* for "800"?
I tell you...I was VERY impressed by its appearance!!

Joseph Pereira

941. Re: New Handheld Wideband Receiver

Newsgroup: rec.radio.scanner
Date: 1994-02-09 09:19:48 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <760785588snz@javiaton.demon.co.uk>
Source record: 277249
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <1994Feb7.155217.7793@arrl.org>
jkearman@arrl.org "Jim Kearman (KR1S" writes:

>I spotted an ad for another wideband portable scanner in the
>February 1994 issue of CQ Ham Radio, a magazine from Japan.
>
>The tuning range of the Maruhama RT-618 is 0.5 to 1300 MHz,

[snip]

Hi Jim,

As I understand it is not *due* to go on sale until April.

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\--/

942. Pro-46 mod?

Newsgroup: rec.radio.scanner
Date: 1994-02-09 12:12:27 UTC
From: Mark F Trumpbour <shmeck+@CMU.EDU>
Message-ID: <MhKBAfy00WBN00ypsj@andrew.cmu.edu>
Source record: 277250

Does anyone have information on the cell-mod for the PRO-46?
It doesn't seem to be available on any of my favorite ftp sites.

/* | *
* Mark Fritz Trumpbour | If I ever start refering *
* Internet: shmeck+@CMU.EDU | to these as the best years *
* Phone: (412) 862-2675 | of my life, remind me to *
* PGP key available upon request.| kill myself. *
* | */

943. Re: Scanner Antennas

Newsgroup: rec.radio.scanner
Date: 1994-02-09 13:43:21 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Feb9.134321.10578@rsg1.er.usgs.gov>
Source record: 277251

Bzzzzzt! Close but no cigar. For receivers, impedance does not need to
match. You only need to get the right connector.

In article <2j9kv3$sf3@insosf1.infonet.net>, jebraun@ins.infonet.net writes:
|> Rich, All you need do is impedance match the antenna lead to your scanner.
|> Assuming that the antenna wire is the typical 300-ohm flat wire, get a 300 to
|> 75 ohm matching transformer at Radio Shack. It's not a perfect match for your
|> scanner's 50 ohm input, but close enough. Most of these balun's have "F"
|> connectors, so you'll also need to buy an "F" to "BNC" adaptor. You'll now be
|> set. Good luck!
|>
|> In article <CKEItt.B3z@umassd.edu>, rflood@cis.umassd.edu (Richard M.
|> Flood) writes:
|> >We have about 3 Pre-Cable TV Antennas installed on our roof and and
|> >attick (sp??). I would like to connect them to my Pro-43 to increase
|> >the range. Has anyone done this? I'm just looking for a little info
|> >before I try it.
|> >
|> > Anything special I should do?
|> >
|> > Anything I should watch out for?
|> >
|> > How much good will it do?
|> >
|> >This is just for occasional use. I don't have any plans on connecting
|> >it all the time. If anyone has any expeirence doing this i would
|> >appreciate any info.
|> >

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

944. Pro-43 and 108-118 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-02-09 14:27:50 UTC
From: bkunz@boi.hp.com
Message-ID: <CKyo6F.EJ8@boi.hp.com>
Source record: 277252

OK. In the search for a handheld I've found that the Pro-43 doesn't receive 108 to 118 MHz which the RS catalog designates as "air navigation." I thought that most all the plane to ground comm occurred from 118 to about 122 MHz.

What goes on in 108 to 118 MHz? If I want to listen to the tower am I going to miss something? Also, is it correct that the air band is AM rather than FM? The RS dweeb didn't even know how to unlock the keyboard so couldn't answer any *real* questions.

Thanks,

Bob Kunz
bkunz@boi.hp.com

945. Re: cheapest police scanner?

Newsgroup: rec.radio.scanner
Date: 1994-02-09 15:15:51 UTC
From: zenith89@bnr.ca
Message-ID: <2jaun7$9ej@bmerha64.bnr.ca>
Source record: 277253

In article <1994Feb6.102554.9111@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
|> zenith89@bnr.ca (Chris VanFleet) writes:
|> :
|> : PS. I asked the Ottawa Chief of Police about their future radio
|> : plans and he says the various Ottawa area police forces are
|> : switching to a digital, encrypted trunked system in mid 95
|> : approximately. They need to stop all public monitoring. So
|> : don't spend too much $$$ on a "police" scanner, cause after
|> : they switch no "civvies" will be able to listen !!!!
|>
|> You might ask the Chief why they have to stop such monitoring.
|> Ask him what they are doing illegal that they don't want people
|> to hear about.
|>
|> You might also talk to the Ottawa politicians about this.
|>
|> Bill

Yes, I intend to look into this some more, but I don't hold out much hope. The government in general and the cops in particular in this country are contemptuous of the public. Their attitude is "if you need to know, we'll tell you." You should read about the kid glove treatment that 6 Montreal cops got after recently beating a man into a coma. Anyway, I'll be writing to the Police Board, the city, the province etc. etc. If nobody speaks out then they are sure to get their own way.

...CPV

946. Re: Pro-43 and 108-118 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-02-09 15:25:08 UTC
From: bmiller@landesk.intel.com
Message-ID: <2jav8k$d9g@ornews.intel.com>
Source record: 277254

In article <CKyo6F.EJ8@boi.hp.com> bkunz@boi.hp.com (Bob Kunz) writes:
>OK. In the search for a handheld I've found that the Pro-43 doesn't receive
>108 to 118 MHz which the RS catalog designates as "air navigation." I thought
>that most all the plane to ground comm occurred from 118 to about 122 MHz.
>
>What goes on in 108 to 118 MHz? If I want to listen to the tower am I going
>to miss something? Also, is it correct that the air band is AM rather than
>FM? The RS dweeb didn't even know how to unlock the keyboard so couldn't
>answer any *real* questions.
>
>Thanks,
>
>Bob Kunz
>bkunz@boi.hp.com
>

I don't spend a lot of time in that band, but I know there are aircraft
navigation beacons that pilots use to set their course. The only audio
part is the morse code ID for the beacon. I don't know of anything else
in that band. Normal aviation stuff is from 118-136 AM

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp. Internet: bmiller@landesk.intel.com
American Fork, UT

947. Re: Scanner Antennas

Newsgroup: rec.radio.scanner
Date: 1994-02-09 16:21:53 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb9.112153.1@uoft02.utoledo.edu>
Source record: 277255
Cross-posted to: rec.radio.scanner,alt.radio.scanner

grady@netcom.com (Grady Ward) writes:

> You might try to filter out some of the offending frequencies
> using frequency-specific filters that you can make yourself
> from tables in, for example, the ARRL handbook, or can buy
> from commercial radio outfitters. (I like International
> Communications Equipment, Inc. for their overdesigned boxes;
> 1 800 ICE COMM for a free brochure and tip sheets).
>
> Knock down the commercial stuff below 25 Mhz and see how that works
> before thinking about beam (directional) antennas or other
> remedies.

I believe that Grove Enterprises carries a VHF-UHF notch filter. I don't remember all the bands that it attenuates, but I do know that it does filter out the Commercial FM Broadcast band (87-108 MHz). I think that's what the original poster was having problems with.

[I have no affiliation with Grove Enterprises]

Later...

--
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

948. WANTED: AR1000XLT

Newsgroup: rec.radio.scanner
Date: 1994-02-09 16:36:27 UTC
From: bkunz@boi.hp.com
Message-ID: <CKyu4s.J7t@boi.hp.com>
Source record: 277256

A while back, someone was selling an AR1000XLT for around $280. Since that one's gone, do any of you want to part with yours? I'm sure someone out there has since moved on to better stuff and has one sitting around collecting dust.

Bob Kunz
bkunz@boi.hp.com

949. Re: Questions about air traffic terms

Newsgroup: rec.radio.scanner
Date: 1994-02-09 19:03:31 UTC
From: dbushong@wang.com
Message-ID: <CKz0xw.33I@wang.com>
Source record: 277257

reece@eco.twg.com (Reece R. Pollack) writes:

>Uhh... Norm, perhaps you should read the FARs/AIM a little more carefully.
>From the "Pilot/Controller Glossary", quoted verbatim:

>AIRCRAFT CLASSES -- For the purposes of wake turbulance separation
>minima, ATC classifies aircraft as Heave, Large, and Small as follows:
^^^^^

Does this mean that they have barf bags on board?
--
Dave Bushong, Wang Laboratories, Inc.

950. Re: ACSB System

Newsgroup: rec.radio.scanner
Date: 1994-02-09 19:14:23 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb9.141423.1@uoft02.utoledo.edu>
Source record: 277258
Cross-posted to: alt.radio.scanner,rec.radio.scanner

dtiller@cscsun.rmc.edu (Dave Tiller) writes:
> Unlisted by Request (jbond@interaccess.com) wrote:
> : Hey all... First post on A.R.Scanner....
>
> : Anyways...
>
> : I was wondering if anyone out there knows of something called ACSB. Our
> : local PD uses it (commonly called the sideband), and it seems as if the
> : signal was inverted. The freq is 151.4025, uses an automated morse code
> : callsign sender. The communications people at the PD are useless (i.e.
> : don't want to talk about it).
>
> : Any help is appreciated...

No kidding! What police department uses this technology? I wasn't aware the
public safety agencies were already using this technology!

> It stands for Amplitude Compandored SideBand. It is an attempt to use
> a relatively narrow-bandwidth form of communication without all of the
> nasty side effects. A typical SSB (Single SideBand) signal takes about
> 3KHz. A typical NBFM signal takes 10-15 KHz. The side effect of SSB
> is that unless you're tuned exactly on the signal you either get helium
> talk or the Bass singer for The Oak Ridge Boys. With FM the exact freq
> is not nearly so critical, and can be off as much as 5KHz with only slight
> noise and some reduction of the signal. ACSB uses a teeny weeny carrier
> or pilot tone to give the receiver a reference to tune to, thereby
> guaranteeing proper voice sounds in a slightly larger-than-ssb bandwidth.
--
Question:

This technology uses a narrower bandwidth, with minor reductions in dynamic
range right? Doesn't ACSB use some form of compression/decompression to
achieve this? I remember reading about ACSB when looking at the Extra class
test question pool...

73s

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

951. Re: PRO-46 Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1994-02-09 19:16:33 UTC
From: savage@viper.rtp.dg.com
Message-ID: <1994Feb9.191633.10397@dg-rtp.dg.com>
Source record: 277259

In article <2j9kij$sf3@insosf1.infonet.net> jebraun@ins.infonet.net writes:
>Has anyone modified their PRO-46 to unlock the Cell bands? If so, which diode or diodes need to be excised?

A friend ran across these and EMail'ed 'em to me... Haven't tried them because I bought a Pro-43 instead of the Pro-46. Remember, the Pro-46 is made by Uniden I haven't heard too many good things about them...

BTW, I love my Pro-43! :)

Anyway, here are the Pro-46 mods...

--Ed

Here is what I found for the Pro-46 mod - same from 2 different sources:

Pro46.Mod
You will be able to tune continously from 80?whatever to 95?whatever
and this will include the appx 870 - 890 cellular band with the
proper 30 MHz steps for the cellular frequencies.
1.Remove battery pack, battery door and antenna.
2.Remove the 4 black screws on the back of the radio: push upward on bottom at rear case and cantliever (swing) case half up from bottom to separete and remove, its not necessary to remove belt clip.
(note: This sounds much easier than it is. Be prepared to "prop and lever" around 3 catches in the battery case, along with one on each side around 1/4 of the way down the case)
3.Carefully separate RF board from processor board by inserting eyeglass screwdriver between board by plug-in connector.
4.Unsolder copper-coated plastic Rf shield from microprocessor and set aside.
(note: If memory serves me correctly, this SHOULD be the side where the pushpad is. In order to follow the rest of the instructions, place the scanner face down on a piece of cloth or in a clamp with the antenna facing AWAY from you).
5.Locate two resistors marked "0" (zero) on right side of board.
(note: On mine they were labeled "000", not "0")
6.Carefully unsolder and remove BOTH of the resistors.
7.Reinstall ONE of the removed resistors (or jumper) on the UPPERMOST set of EMPTY solder pads.
(note: These are located just to the left of where you just removed the two resistors.)
8.Thats it, reassemble the radio.
PS-Reintstall one of the removed zero marked resistors into top set of empty solder pads. DO NOT install anything into LOWER SET of empty pads (cancels 30-

50 mhz and adds 68-88 mhz.
- -
The Following modification is intended only to restore contin-
uous 760-1300 MHz coverage as originally provided by the design
of the PRO-46 Microprocessor.
824-851, 869-896 MHz Freq Restoration :
Tools Required: Fine-tipped soldering iron, desoldering wick,
small Phillips screwdriver, small jeweler's type screwdriver,
long-nose pliers, rosin core solder.
(1) Remove the battery pack, battery door and Antenna.
(2) Remove the four black screws from the back of the radio,
then push upward on the bottom of the rear of the case,
carefully swinging it upwards and removing it.
(3) Carefully insert a small (jeweler's) screwdriver between
the two boards next to the interconnect plug in the lower
right coner. Gently pry the top board up to sparate it.
and set it aside.
(4) Unsolder the copper-coated plastic shield from the
microprocessor and set it aside. (CAUTION : Too much
heat will damage the shield).
(5) Locate the two chip jumpers imprinted with "0" ,near the
edge. carefully unsolder and remove both.
Note: they are side-by-side below the microprocessor.
(6) Solder one chip jumper across the two uppermost unsed solder
pads (Closest to microprocessor). Soldering a jumper across
the lower two pads (futhurest down from microprocessor),
changes the 30-50 Mhz low band to 68-88 Mhz for foreign
use. Note : Unused pads are allmost straigth across from
where the jumpers where originally installed.
(7) Reversse steps 1-4; the modification is now complete.

Edward Savage savage@dg-rtp.dg.com

952. Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-02-09 20:00:00 UTC
From: tarjan@iastate.edu
Message-ID: <2jbfc0$kug@news.iastate.edu>
Source record: 277260

Ok I just purchased a Pro-43 from Marymac.. and it should be here Friday
or early next week (I cant wait! :>)

Heres the thing.. I need someone to send me all the Mods that they know
work for the Pro-43..

And if you have it .. Frequency lists for Iowa State University and General
Iowa / Ames area freqs..

And one more thing.. if you have it.. the Freqs for the Maryland/DC area..

Thanks alot..

tarjan@iastate.edu

```
--
/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\
| /\/\ | | | | | tarjan@iastate.edu |
| / \ 00. . . () (cDc RuleZ!!!!!!!) |
\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/
```

953. Re: 900 MHz Cordless Phones - Info Please

Newsgroup: rec.radio.scanner
Date: 1994-02-09 21:01:43 UTC
From: ssz@haley.esd.sgi.com
Message-ID: <CKz6Ev.J3t@odin.corp.sgi.com>
Source record: 277261
Cross-posted to: alt.radio.scanner,rec.radio.scanner,comp.dcom.telecom.tech

In article <74@hullabaloo.win.net>, gray@hullabaloo.win.net (Gray Schlichting) writes:
|>
|> In article <1994Jan11.234326.22383@news.cs.indiana.edu>, "Erik S. Kolar"
(ekolar@kiwi.ucs.indiana.edu) writes:
|> >Hi, I've become interested in acquiring one of the new 900 MHz cordless
|> >phones. I've seen several models, but I'm somewhat confused about channels
|> >...
|> >model, I would appreciate it. I've been looking at models from Tropez,
|> >Sony, Uniden, Escort, Panasonic, and Cobra. The Tropez seems to be very
|> >attractive because of its $199 or less price. Thanks in advance.
|>
|> My $0.02: I got a Tropez and LOVED the features, sound, and
|> quality. The high end model has a GREAT speakerphone too! Alas, I
|> returned it because it got less than 1 day battery life from the
|> base. It's also REAL HEAVY (more than my cell phone). The manual
|> indicates that it is to be returned to the base when not in use or
|> needed. This would have worked fine in other setups I have had,
|> but I needed the 7+ days life I get from my AT&T.
|>

--

I have tested several of the 900MHZ cordless phones
(Tropez, Sony, Uniden, AT&T, and a few others) for
sound quality and range. If anyone wants
the test results, E-mail me and I'll give you
a set of data points on specific models.

...

954. Pro-43 Band mods??

Newsgroup: rec.radio.scanner
Date: 1994-02-09 21:05:46 UTC
From: savage@viper.rtp.dg.com
Message-ID: <1994Feb9.210546.13432@dg-rtp.dg.com>
Source record: 277262
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I know about the Pro-43 low-band (50-88) restoration mod... I hope to do it soon.

What I'm looking for are mods to increase the coverage even further. Do you know of any? Is it even possible to do with the circuitry inside of the Pro-43?

Does anybody have the schematic of the Pro-43? Does it look like there are any possibilities?

Please respond via EMail and netnews...

Thanks,

--Ed

Edward Savage savage@dg-rtp.dg.com

955. Re: Viewing Webersat TV signals

Newsgroup: rec.radio.scanner
Date: 1994-02-10 01:07:36 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb10.010736.18064@hpcvaac.cv.hp.com>
Source record: 277263

tweek@netcom.com (Michael D. Maxfield) writes:
: In article <760716590snx@iai.mv.com> posted to the Usenet Newsgroup(s)
: rec.radio.scanner
: >
: > 440 Mhz ANT--->CABLE TV BOX TUNED BETWEEN CH59 and 60--->Home TV
: >
: >Basically, the above diagram shows a Cable TV Box hooked up to an
: >external ant where the cable signal is normally plugged in. The cable box
: >is then tuned between 59 and 60 where there is on-the-air ham band tv.
: > The output of the cable box is fed into the big screen TV.
: >
: >Before I do this at my house, can anybody comment on the quality of the
: >signal from space? Can I use a discone antenna?
:
: I must try this. I wasn't aware that it existed.

: As for picking up Ham TV signals with a cable ready set... it works, but
: I would like to know how you "tune between 59 and 60" being that most all
: modern day TV tuners (the ones that would be cable ready) are stepped and
: not variable. (What is the exact frequency for webersat?) Hopefully you
: will have enough signal available so that the tuner will lock onto the
: off frequency signal.

There is not any ham band there. The frequency for Ch 59 is 433.25 MHz, with
Ch 60 the normal 6 MHz higher.

Some older cable boxes had a fine tune adjustment - they are rare these
days. I suspect that any signal received that way would be due to intermod.

Bill

956. Re: BC100 keyboard trick

Newsgroup: rec.radio.scanner
Date: 1994-02-10 01:44:33 UTC
From: dseitel@crl.com
Message-ID: <2jc3i1$qe9@crl2.crl.com>
Source record: 277264

Al,

I got this from an old scanner magazine in the early '80s. I was never convinced it actually enabled me to scan out of band, but it did tumble the readout numbers out of band. Here are the keystrokes so you can decide for yourself:

Manual
49
Limit
50
Limit
Search
Hold
Manual
406
Limit
405
Limit (reads "Error"--ignore this)
Search
Hold
Limit
Search

David Eitelbach dseitel@crl.com

PS I'm having trouble posting my followups properly and I hope that as part of my learning process I haven't deleted someone else's, because I think there may have been one here before that isn't now.

957. Re: Pro 43 on Sales

Newsgroup: rec.radio.scanner
Date: 1994-02-10 02:07:11 UTC
From: ah301@yfn.ysu.edu
Message-ID: <ah301-090294221235@129.228.248.118>
Source record: 277265

In article <1994Feb8.195134.9219@dg-rtp.dg.com>, savage@viper.rtp.dg.com (Ed Savage) wrote:
> BTW, I love my Pro-43! :) I don't know how long I can wait 'til I do the
> audio & cellular mod though! Anybody know of Radio Shack would complain
> if I brought the Pro-43 in for warranty work and I moved some diodes
> around?
>

theoretically, your warranty is void if you modify the scanner,
so you can't do anything if they refuse. but, do you really want
to wait till the warranty is over before you do the mods ? ;^)

958. question about scanners

Newsgroup: rec.radio.scanner
Date: 1994-02-10 03:05:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <760913243.AA00779@rochgte.fidonet.org>
Source record: 277266

> From: jthurs@ukelele.gcr.com (Jason Thurston)
> Organization: Genuine Computing Resources, Dale City, Va.

> In article <CKMz6r.M2B@freenet.carleton.ca> af017@FreeNet.Carleton.CA
> (David R. Smith) writes:
>>
>>
>>3--What are the bands for police, specifically?
> They fall under the public safety area of the FCC charts.
> Some of the more common ones are 153-156,158-159.995, and 453-453.995
> MHz.

Police frequencies are mainly licensed in the Police Radio Service, with
some PDs also having access to Local Government Radio Service frex.

> aren't any (there may be). Best bet is to check with your local
> police.

No it isn't. Local police officers are generally a poor source of
information about the legalities of anything that they don't actually deal
with every day. Many officers have the opinion that police scanning should be
illegal. Some municipalities have ordinances against mobile or portable
scanning and the officers may not even be aware that the laws exist.

>>6--Is it illegal to tape record (using special 10 hour
>>tapes, etc.) the scanner police stuff (at home, not in
>>car)?
> Not to my knowledge. Once again, check with your police dept. You may
> get some
> strange looks, but oh well. Also, if so...how are they going to catch
> you?

You may also get some wrong answers.

> What **IS** illegal...
> 1) Using a scanner in the commission or a crime.
> 2) Divulging any information received over the scanner.
(This is more of a technicality. If enforced, every traffic reporter
on the radio/TV right now would be doing time.) :-)

Stick with the facts. The general consensus seems to be that what the
news media do with information intercepted by scanner is protected by the
First Amendment. They have the money to protect those "rights".

Other illegal activities -

3) Monitoring mobile telephones, one-way paging, studio-transmitter links, broadcast remotes and certain other services.
4) Monitoring cordless phones in California, Oregon and New York.
5) Unscrambling encrypted communications.

==========
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

959. ** Handheld SCANNER FORSALE! **

Newsgroup: rec.radio.scanner
Date: 1994-02-10 05:21:47 UTC
From: roebuck@infi.net
Message-ID: <CKztKC.GJu@infi.net>
Source record: 277267
Cross-posted to: misc.forsale,rec.radio.scanner,alt.radio.scanner,wyvern.forsale

```
FORSALE ......
REALISTIC PRO-37 HANDHELD 200 CHANNEL HYPERSCAN
REACHES THROUGH 800 MHz (current models lock
cellular frequencies out)
ALLOWS UP TO 10 MONITOR CHANNELS AND ALSO
CONTAINS A LIMIT FUNCTION TO ALLOW A SCAN
BETWEEN DESIRED FREQUENCIES.
LIKE BRAND NEW WITH MANUAL!!! WILL SELL
FOR $200 + SHIPPING /........
--
My Escape From Unresourceful Thought is Illuminated Through
My Knowledge of the Progression on the Enlightened Path.
- S. Timothy Roebuck
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> roebuck@infi.net
```

960. Re: ** Handheld SCANNER FORSALE! **

Newsgroup: rec.radio.scanner
Date: 1994-02-10 05:28:53 UTC
From: roebuck@infi.net
Message-ID: <CKztw6.H5r@infi.net>
Source record: 277268
Cross-posted to: misc.forsale,rec.radio.scanner,alt.radio.scanner,wyvern.forsale

(roebuck@infi.net) wrote:
: FORSALE ......
: REALISTIC PRO-37 HANDHELD 200 CHANNEL HYPERSCAN
: REACHES THROUGH 800 MHz (current models lock
: cellular frequencies out)
: ALLOWS UP TO 10 MONITOR CHANNELS AND ALSO
: CONTAINS A LIMIT FUNCTION TO ALLOW A SCAN
: BETWEEN DESIRED FREQUENCIES.
: LIKE BRAND NEW WITH MANUAL!!! WILL SELL
: FOR $200 + SHIPPING /........
: --
** Please email any responses to roebuck@infi.net

: My Escape From Unresourceful Thought is Illuminated Through
: My Knowledge of the Progression on the Enlightened Path.
: - S. Timothy Roebuck
: >> roebuck@infi.net
--
My Escape From Unresourceful Thought is Illuminated Through
My Knowledge of the Progression on the Enlightened Path.
- S. Timothy Roebuck
>> roebuck@infi.net

961. Re: Radio Shack Pro-51 Scanner!?

Newsgroup: rec.radio.scanner
Date: 1994-02-10 05:54:18 UTC
From: cd651@cleveland.Freenet.Edu
Message-ID: <2jci6a$3a4@usenet.INS.CWRU.Edu>
Source record: 277269

In a previous article, bjparry@netcom.com (Brian Parry) says:

>I just saw the new RS Pro 51 scanner at a local (bay area) RS. They wouldn't
>open the case and let me look at it (some nervous newbie) and they didn't have
>any info on it (they wouldn't let me see the manual either.
>
>Anybody have any info on this scanner?

I work at RS also (sorry about the guy not wanting to pull it out
but we loose lots of them, and like most companies RS ussually suspects
the employee first.) Actually the new 51 looks like the replacement for
the Pro 39. Frequency coverage varies only a few MHz from band to band,
same price as the 39 ($299.99) but most of all it's still a dual conversion
rather than a triple conversion like the Pro 43. Hope this helps.
--

|Wally Blume | af957@yfn.ysu.edu |
---

962. Pro-2030 mod?

Newsgroup: rec.radio.scanner
Date: 1994-02-10 07:01:39 UTC
From: mgp@soda.berkeley.edu
Message-ID: <mgp-090294230139@uncommonly.hip.berkeley.edu>
Source record: 277270
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone have information on cel-mods for the Pro-2030?
The standard ftp sites don't seem to have anything on this model.

Thanks.

==========
Michael Petrotta mgp@soda.berkeley.edu

963. Re: Monitoring Article in *Wired*

Newsgroup: rec.radio.scanner
Date: 1994-02-10 07:07:08 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2jcmes$33f@umcc.umcc.umich.edu>
Source record: 277271

In article <2969851124.1.p00489@psilink.com>,
Terry M. Stader KA8SCP <p00489@psilink.com> wrote:
>>DATE: 6 Feb 1994 13:13:10 -0500
>>FROM: Tim Tyler <tim@umcc.umcc.umich.edu>
>>
>>In article <JSWAN.94Feb6090025@elaine53.stanford.edu>,
>>Jerold Loren Swan <jswan@elaine53.Stanford.EDU> wrote:
>>>
>>>For those who haven't seen it, there's an interesting article on military
>>>monitoring in this month's issue of *Wired*.
>>>
>>>It's about a guy in Texas who has used scanners to listen in on the
>>>radio traffic of still-secret military aircraft.
>>
>> Correction: it is about a guy in Texas (Steve Douglass) who
>>monitors military aviation traffic, and sometimes jumps to conclusions
>>(regardless of whether or not they end up being right or wrong) that he's
>>hearing "still-secret military aircraft."
>>
>> >Jay Swan
>>
>>--
>> Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
>>P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
>>Ypsilanti MI "I'm just an innocent little frog, trying to
>> 48197 hop my way across the Information Superhighway"
>
>And yet Steve as well as Tim who both have different opinions about
>what they hear... have got lots of good information!
>
>Whether you believe what others report or what you hear yourself... the
>article does promote the idea is that our Uncle Same is still
>experimenting with nifty things! Right Tim?

Ignoring any info attributable to Douglass, yes!

Nice to see you on Internet, Terry!

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

964. Re: Viewing Webersat TV signals

Newsgroup: rec.radio.scanner
Date: 1994-02-10 07:31:25 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb10.073125.22812@hpcvaac.cv.hp.com>
Source record: 277272

I wrote:

: tweek@netcom.com (Michael D. Maxfield) writes:
: : > 440 Mhz ANT--->CABLE TV BOX TUNED BETWEEN CH59 and 60--->Home TV
: : >
: : >Basically, the above diagram shows a Cable TV Box hooked up to an
: : >external ant where the cable signal is normally plugged in. The cable box
: : >is then tuned between 59 and 60 where there is on-the-air ham band tv.
: : > The output of the cable box is fed into the big screen TV.
:
: There is not any ham band there. The frequency for Ch 59 is 433.25 MHz, with
: Ch 60 the normal 6 MHz higher.

This is wrong, unless the band has been removed since 1983. 433 MHz is in the middle of one of the UHF Ham bands.

Bill

965. Re: Repair of cellular capable MVT-7100 after April 26th

Newsgroup: rec.radio.scanner
Date: 1994-02-10 12:14:07 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <760882447snz@javiaton.demon.co.uk>
Source record: 277273
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <2jdg9q$d6u@news.iastate.edu>
jdwhite@iastate.edu "Jason White" writes:

>For those of us in the U.S. who purchased a cellular capable MVT-7100 from

[snip]

But they never go wrong <g>

..sorry just lurking.....

--

Cheers
JC

/---\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\---/

966. WANTED : Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-02-10 12:33:00 UTC
From: Paul.Brzonkala@f239.n109.z1.fidonet.org
Message-ID: <ecb_9402100913@blkcat.fidonet.org>
Source record: 277274

WANTED WANTED WANTED

I'm looking for a used (but great condition) Pro-2006. If
you're local, I've got CASH. Please call and leave a message at (703)
816-7823. I'll call right back.

WANTED: Pro-2006 (703) 816-7823

967. Re: Antenna in Attic?

Newsgroup: rec.radio.scanner
Date: 1994-02-10 14:05:27 UTC
From: wai@iai.mv.com
Message-ID: <760889127snx@iai.mv.com>
Source record: 277075

lenny@pmafire.inel.gov writes in article <1994Feb8.163848.23733@pmafire.inel.gov>:
>
> Having recently purchased a PRO 2006, I am now in the market for an
> antenna that will enhance my scanners performance. Radio Shack has an
> antenna that covers 50MHz- (approx.)1400MHz for $60. If I place this
> antenna in my attic will I drastically decrease it's performance as
> opposed to placing it on the roof??? I live in a two story home on a
> hill that is above everyone else.
>
> Thanks in advance,
> lenny@pmafire.inel.gov
>

I think you're talking about the discone antenna. I have it in my attic.
The roof is wood plywood with fiberglass shingles. You might have a problem
if its metal covered.

My antenna works fine with my 2006. I don't know how the wood affects
the antenna above 1 Ghz. I've also used it with my ham rig to contact
the Mir space station (150 miles up) several times.

Wai Hom - WB3BHT Imaging Automation, Inc.
wai@iai.mv.com (603) 598-3400
FAX: (603) 598-3422

968. Repair of cellular capable MVT-7100 after April 26th

Newsgroup: rec.radio.scanner
Date: 1994-02-10 14:28:10 UTC
From: jdwhite@iastate.edu
Message-ID: <2jdg9q$d6u@news.iastate.edu>
Source record: 277076
Cross-posted to: rec.radio.scanner,alt.radio.scanner

For those of us in the U.S. who purchased a cellular capable MVT-7100 from Javiation I have good news! I e-mailed Jonathan Clough concerning repair work in the MVT-7100 after the April 26th cut-off date for the importation of cellular-capable scanners. Here's the reply I received:

- - - - - - - - - -
From: "Jonathan Clough (U.K.)" <100117.535@compuserve.com>
To: Jason White <jdwhite@iastate.edu>
Subject: Re: Future repair of MVT-7100

Hi Jason,

Thanks for the mail last week, and I am sorry for the delay in getting back to you.

After April 26th it will technically be illegal for you as an individual to import cellular capable scanners into the US but if you have something to go out for repair and both you and us provide documentation that you originaly imported the radio before April 26th 1994 their should be no trouble.

I am currently in touch with the FCC and this seems to be the case.

Hope thats helps, but if you have any problems give me a shout.

Cheers
JC
- - - - - - - - - - - - - -
--
Jason D. White Durham Center Operations Staff
jdwhite@iastate.edu Repeater Chairman, Cyclone Amateur Radio Club
Iowa State University Packet: n0rwu @ ki0q.#cia.ia.usa.na
Ames, Iowa

969. Re: DTMF Decoders - Where?

Newsgroup: rec.radio.scanner
Date: 1994-02-10 14:51:11 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-100294065245@earl.llnl.gov>
Source record: 277077

In article <CKCtrI.G3H@Colorado.EDU>, r_egeland@cc.colorado.edu (RYAN EGELAND) wrote:
>
> Other than soundblaster, are there any cheap DTMF decoders around? Where do
> you find them? I know there is test equipment available for around $300 that
> will do the job, but that's more than my scanner!!! Anyone have any
> creative/cheap ideas (besides recording and then trying to compare by pressing
> buttons on the telephone ;-)).
>

Bill Cheeks latest newsrag has detailed plans for a SSI202 based decoder.

Gary

The comments expressed above do not reflect the opinions of LLNL.

Gary Ross
Lawrence Livermore National Laboratory
NOVA Laser Operations
P.O. Box 808, L-489
Livermore, CA 94551
(Ross@novax.llnl.gov)
AOL: Rossman

970. Re: Viewing Webersat TV signals

Newsgroup: rec.radio.scanner
Date: 1994-02-10 15:28:35 UTC
From: wai@iai.mv.com
Message-ID: <760894115snx@iai.mv.com>
Source record: 277078

tweek@netcom.com writes in article <tweekCKwzsD.FML@netcom.com>:
>
> In article <760716590snx@iai.mv.com> posted to the Usenet Newsgroup(s)
> rec.radio.scanner
> wai@iai.mv.com (Wai Hom) writes:
> >Has any scanner hobbyist or ham tried receiving live tv views from WEBERSAT
> >in the following configuration:
> >
> > 440 Mhz ANT--->CABLE TV BOX TUNED BETWEEN CH59 and 60--->Home TV
> >
> >Basically, the above diagram shows a Cable TV Box hooked up to an
> >external ant where the cable signal is normally plugged in. The cable box
> >is then tuned between 59 and 60 where there is on-the-air ham band tv.
> > The output of the cable box is fed into the big screen TV.
> >
> >Before I do this at my house, can anybody comment on the quality of the
> >signal from space? Can I use a discone antenna?
>
> I must try this. I wasn't aware that it existed.

Before you do, I got a response from a Webersat user which I will append
to this message.

>(deleted)
> As for picking up Ham TV signals with a cable ready set... it works, but
> I would like to know how you "tune between 59 and 60" being that most all
> modern day TV tuners (the ones that would be cable ready) are stepped and

I have -+ fine tune on my cable box. Not sure how to tune in between channels
on a cable reay set. I dont remember any fine tune on my TV.

> not variable. (What is the exact frequency for webersat?) Hopefully you
> will have enough signal available so that the tuner will lock onto the
> off frequency signal.

On the handout that was being passed around at the club meeting
I saw WO-18 437?Mhz AM NTSC Video.

Anyway here is the repsonse from a WEBERSAT user:
"

Wai,

Sorry, no video from WO-19. The images are digitized NTSC waveforms from
a heavily modified (for space) Canon Ci-10 color TV camera. The downlink
format has been published in a number of places. Webersat was one of the

original 4 microsats and we didn't configure it to downlink pics in gif form, though we may get around to that someday.

Though first generation microsat technology, the pics compare favorably still with those coming down from some of the newer amateur radio imaging spacecraft. I believe they are still the only color pics coming down from ham birds. I could be out of date on that.

We here at Weber are making a modest contribution to the Phase 3d effort and are deeply involved in a joint project with the Air Force Academy to launch a 3 axis stabilized, very low thrust propelled spacecraft in the fall of 1995. There will be extensive ham payloads aboard. SO So you see we are trying to remain players in the amateur radio/space world.
(deleted)

Chris Williams, WA3PSD
"

>
>
>
Wai Hom - WB3BHT Imaging Automation, Inc.
wai@iai.mv.com (603) 598-3400
FAX: (603) 598-3422

971. This Week on Spectrum 02/12/94

Newsgroup: rec.radio.scanner
Date: 1994-02-10 15:59:58 UTC
From: spectrum@starcomm.overleaf.com
Message-ID: <2jdllu$19p@starcomm.overleaf.com>
Source record: 277079
Cross-posted to:
rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.scanner,rec.video.satellite,rec.radio.cb,alt.radio.scanner,alt.radio.pirate

This week's Spectrum will feature a listener appreciation and input segment. It will be your opportunity to give us feedback. What you like, what you don't like and or what you would change if you were in the Spectrum drivers seat. In addition we'll have lots of the features you enjoy.
--
Spectrum airs live Sunday at 0300 UTC (2200 EST Saturday) on:

WWCR, 5810 KHz, Nashville, TN (World Wide)
WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)

Spectrum is rebroadcast:

Sunday at 1500 EST, on WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
Monday at 0400 UTC (2300 EST Sunday),
on WWCR, 7435 KHz, Nashville, TN (World Wide)

--
Spectrum, "The Communications Magazine You Read With Your Ears."
Box 722, Holmdel, NJ, 07733-0722, USA
spectrum@overleaf.com, askspectrum@attmail.com, spectrumshow@genie.geis.com
+1 800-787-SPECTRUM, +1 908-671-4209

972. WANTED: AR-3000 A

Newsgroup: rec.radio.scanner
Date: 1994-02-10 17:22:00 UTC
From: Scott.Snyder@f239.n109.z1.fidonet.org
Message-ID: <13f_9402101407@blkcat.fidonet.org>
Source record: 277080

WANTED WANTED WANTED

Looking for a used AR 3000 A in good condition. If you want an offer or have one in mind, feel free to call & leave me a message at (703) 816-7823.

973. Wanted: Ar1000xlt

Newsgroup: rec.radio.scanner
Date: 1994-02-10 17:28:00 UTC
From: Scott.Snyder@f239.n109.z1.fidonet.org
Message-ID: <140_9402101407@blkcat.fidonet.org>
Source record: 277081

Bob, I have an AR 1000 xlt in great condition. No Scratches. In fact, tuned up last year by ACE under warranty. I have a Radio Shack scoping antenna that works much better than the stock, so I'll throw that in. Also, Howard Bornstein's Guide to the AR 1000 xlt is included, seeing how the stock instructions are so lousy!. Call me and leave a message if you're still interested.

(703) 816-7823. Voice Mail. I'll call back.

974. Re: Viewing Webersat TV signals

Newsgroup: rec.radio.scanner
Date: 1994-02-10 17:58:12 UTC
From: tweek@netcom.com
Message-ID: <tweekCL0sL2.Gtn@netcom.com>
Source record: 277082

In article <1994Feb10.010736.18064@hpcvaac.cv.hp.com> posted to the Usenet Newsgroup(s)
rec.radio.scanner
billn@hpcvaac.cv.hp.com (bill nelson) writes:
>tweek@netcom.com (Michael D. Maxfield) writes:
>: In article <760716590snx@iai.mv.com> posted to the Usenet Newsgroup(s)
>: rec.radio.scanner
>: >
>: > 440 Mhz ANT--->CABLE TV BOX TUNED BETWEEN CH59 and 60--->Home TV
>
>There is not any ham band there. The frequency for Ch 59 is 433.25 MHz, with
>Ch 60 the normal 6 MHz higher.

Sorry Bill, but the ham band runs from 420mhz to 450 mhz. Many blocks
of frequencies in this segment are restricted near international borders and
near radio-telescope installations, but for the most part, in the US, it is
the ham band.

>
>Some older cable boxes had a fine tune adjustment - they are rare these
>days. I suspect that any signal received that way would be due to intermod.

FWIW, In Contra Costa County CA, atop Mt Diablo there exists an ATV repeater
that is on 427.25. It is receivable on any Cable ready set on Chn 58 via
a UHF Yagi aimed at the top of Mt Diablo. When the ATV repeater was
first installed, the frequency was on 428.25 but due to the flexability of
the frequency 1mhz down, it was re-crystalled. Reception WAS possible on
a CATV set when it was at the 428 mhz frequency, but it was not as good as
it is now that it is on-frequency for cable ready sets.

tweek@netcom.com tweek@tweekco.uucp WWIVNet 1@511 DoD #MCMLX
I'd rather get my cable service from the phone company,
. than my phone service from the cable company.

975. Re: Viewing Webersat TV signals

Newsgroup: rec.radio.scanner
Date: 1994-02-10 18:12:26 UTC
From: tweek@netcom.com
Message-ID: <tweekCL0t8r.ICB@netcom.com>
Source record: 277083

In article <1994Feb10.073125.22812@hpcvaac.cv.hp.com> posted to the Usenet Newsgroup(s) rec.radio.scanner
billn@hpcvaac.cv.hp.com (bill nelson) writes:
>I wrote:
>
>: tweek@netcom.com (Michael D. Maxfield) writes:
>: : > 440 Mhz ANT--->CABLE TV BOX TUNED BETWEEN CH59 and 60--->Home TV
>: : >
>: : >Basically, the above diagram shows a Cable TV Box hooked up to an
>: : >external ant where the cable signal is normally plugged in. The cable box
>: : >is then tuned between 59 and 60 where there is on-the-air ham band tv.
>: : > The output of the cable box is fed into the big screen TV.
>:
>: There is not any ham band there. The frequency for Ch 59 is 433.25 MHz, with
>: Ch 60 the normal 6 MHz higher.
>
>This is wrong, unless the band has been removed since 1983. 433 MHz is in the
>middle of one of the UHF Ham bands.

Now I'm confused. (Aughh... it's your fault Bill ;-)) What are you saying. (that's what I'm confused about)

WeberSat, I assume (haven't heard about it except for here) is a HAM experimental satelite.

Cable Frequencies ARE in the middle of Ham bands, Aeronatical Bands, Public Safety bands and commercial bands. As long as they keep their signal inside the cable, no problem.

CATV 18 is in the 2mtr band
CATV 19 is in the public safety VHV-hi band
etc etc etc

CATV 59 is NOT UHF 59.

Being that ATV follows the standard US commercial NTSC television standard, it is a mixed blessing that CATV uses ham frequencies... It makes ATV reception readily available to anyone with a CATV ready set and a UHF antenna. This can be a great help in time of disaster when the ATV system is used for disaster gathering. In Contra Costa County, most of the EOC's are equiped to receive video from the ATV repeater atop Mt. Diablo. There is at least one helicopter (CA Forestry i believe) and possibly more which have the wiring built in and ready for an Amateur ATV operator to plug in his/her equipment for immediate Air surveying of an incident.

976. Re: Questions about air traffic terms

Newsgroup: rec.radio.scanner
Date: 1994-02-10 18:30:08 UTC
From: reece@eco.twg.com
Message-ID: <2jdufg$29j@scoop.eco.twg.com>
Source record: 277084

In article <CKz0xw.33I@wang.com>, dbushong@wang.com (Dave Bushong) writes:
|>reece@eco.twg.com (Reece R. Pollack) writes:
|>
|>
|>>Uhh... Norm, perhaps you should read the FARs/AIM a little more carefully.
|>>From the "Pilot/Controller Glossary", quoted verbatim:
|>
|>>AIRCRAFT CLASSES -- For the purposes of wake turbulance separation
|>>minima, ATC classifies aircraft as Heave, Large, and Small as follows:
|> ^^^^^
|>
|>Does this mean that they have barf bags on board?

snort Oops. *grin*

Actually that's what happens to light aircraft that get too close to them.

sigh

977. new MASS SP Freqs Info

Newsgroup: rec.radio.scanner
Date: 1994-02-10 19:04:50 UTC
From: slitel@cadre.com
Message-ID: <1994Feb10.190450.8357@fripp.ri.cadre.com>
Source record: 277085

Yes I was finally able to get a copy of the new Scanner Master 5th Edition
for Massachusetts....

Here is what I found for the Mass State Police...

Troop A - 858.2375 (temporary it states)
Troop B - 42.46
Troop C - 42.40
Troop D - 42.50
Turnpike - 159.030
Repeater 154.92
Statewide Emergency 42.44
Tpke. Car to Car 44.90

Then it went in to this long discussion (which I understand less then 10 words)
about the new 800 Mhz system.. This system they are putting into place
and then it listed the 800 band trunking channels.. I will put these up, but
what are these trunking channels in simple english??? Also if you
wanted to effectively listen to the Mass S.P. - should you listen and
monitor all these channels???

Here they are (sorry they are not in order)

856.7375
858.9825
856.9875
857.7125
857.7375
857.9825
857.9875
858.7125
858.7375
858.9625
858.9875
859.7125
859.7375
859.9625
859.9875
860.7125
860.7375
860.9625
860.9875
857.2125
858.2125
859.2375
859.4625

860.2125
860.2375
860.4625

Now for a few others that I finally found... The traffic reports...

Metro Traffic 450.2125
Metro Traffic 455.1125
Skyview Traffic 450.1125 (Book also lists as Metro Traffic too)
Smart Routes 481.300
Smart Routes 466.300 (Repeater)
WBZ Traffic 450.65
WHDH Traffic 450.5875
WROR Traffic 455.35
WHDH/WCOZ Traffic 450.150

A few last notes..
1) The book also lists a few other Mass State Police Misc channels such as:
39.80
39.02
39.12
858.7125
42.38
39.76
42.42
42.54 (RADAR TEAMS!!)

2) The book itself - This book is the biggest collection I have ever seen. It lists everything you could think of from the State Police onto every know Mass. Frequency held by anyone.... The book cost me $29.95 at U-Do-It Electonics in Needham (I know you can get it mail order)

I do ask that you do not go and request frequencies from me on all the cities and towns out there. Go out and get the book if you are that serious. I posted these since they are the most requested and would be of interest to all in Massachusetts. I found the traffic frequencies very nice since I have a portable scanner and I always like to know what the traffic situation is while I am on the road. As for your local city and town - they also have a small handbook that just lists channels of major interest, all cities and towns and state stuff for $13.95.

PLEASE DO NOT GO AND NOW SEND ME MAIL ASKING ME FOR A SPECIFIC FREQUENCY OF SOME PLACE IN MASS!!

978. Re: Pro-43 and 108-118 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-02-10 19:43:00 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.69.000DB7D4@CCCS.UMN.EDU>
Source record: 277086

In article <CKyo6F.EJ8@boi.hp.com> bkunz@boi.hp.com (Bob Kunz) writes:
>From: bkunz@boi.hp.com (Bob Kunz)
>Subject: Pro-43 and 108-118 MHz?
>Date: Wed, 9 Feb 1994 14:27:50 GMT

>OK. In the search for a handheld I've found that the Pro-43 doesn't receive
>108 to 118 MHz which the RS catalog designates as "air navigation." I thought
>that most all the plane to ground comm occurred from 118 to about 122 MHz.

Its been a long time since I've flown, but as I remember it the navaids tended
toward the lower part of the band while the voice communications were placed
in the upper half. So if you want to listen to your local VOR the PRO-43
won't do the trick :-)

>What goes on in 108 to 118 MHz? If I want to listen to the tower am I going
>to miss something? Also, is it correct that the air band is AM rather than
>FM? The RS dweeb didn't even know how to unlock the keyboard so couldn't
>answer any *real* questions.

Again its been 15 years but everything I used was AM.

--rick
+---+
| Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
| Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |
| Cancer Screening Trial voice: (612) 627-4151 |
| University of Minnesota fax: (612) 627-4158 |
| 212 Ontario St SE, Suite 202 |
| Minneapolis, MN 55414 |
+---+

979. Re: Antenna in Attic?

Newsgroup: rec.radio.scanner
Date: 1994-02-10 19:51:55 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Feb10.115155.3631@cmkrnl>
Source record: 277087

In article <1994Feb8.163848.23733@pmafire.inel.gov>,
lenny@pmafire.inel.gov (Lenny) writes:
> [...] If I place this
> antenna in my attic will I drastically decrease it's performance as
> opposed to placing it on the roof???

It wiall almost certainly work less well in the attic than it would on the roof. The roof is full of roofing nails, maybe some metal furnace ductwork, maybe some metal pipes, etc.

But the same is true of the rest of the house. Putting any sort of decent scanner antenna in the attic will give much better results than the scanner's built-in antenna.

Try the attic installation first, and move up when you're ready for more.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CIS: 74140,2055

980. Re: ALERT ALERT ALERT

Newsgroup: rec.radio.scanner
Date: 1994-02-10 20:19:22 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb10.151922.1@uoft02.utoledo.edu>
Source record: 277088
Cross-posted to: rec.radio.scanner,alt.radio.scanner

joseph.pereira@channel1.com (Joseph Pereira) writes:

> Greetings......
> I just stoped into Radio Shack to browse.....behold...a brand NEW
> hand held scanner!!
> RS PRO-51
> BEAUTIFUL thing...more compact then the 43!! Scanning frequencies are as
> follows:
> 29-29.7
> 29.7-50
> 50-54
> 108-136.975
> 137-144
> 144-148
> 148-174
> 406-450
> 450-470
> 470-512
> 806-823.9375
> 851-868.9375
> 896.1125-956

Just one note:

If Joesph copied the 51's reception bands correctly, the 51 doesn't have
military air band reception. Doesn't look like a replacement for the 43, at
least I hope not!

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

981. Re: Garfield

Newsgroup: rec.radio.scanner
Date: 1994-02-10 20:29:47 UTC
From: crhea@mayo.edu
Message-ID: <2je5fr$l51@fermat.mayo.edu>
Source record: 277089

In article <1994Feb8.100147.1@uoft02.utoledo.edu>, cscon0151@uoft02.utoledo.edu writes:
|> I see what you mean. In my previous post, I logged in anonymously
|> successfully, then moved to the proper directory without 'doing' a dir.
|>
|> I just tried again, and while I was able to move from dir to dir, I was unable
|> to get list of the files in any directory. 0 bytes transferred at 0 bps.
|> Whatever. This site must be offline for awhile!
|>

If you can connect and log in, the machine is running. Not being able to
do a "dir" indicated that they didn't set up anon-ftp correctly (didn't make
/bin/ls and the shared libraries in the right places...).

If you know the directory and name of file, it will work fine.

--- Cris

Cristopher J. Rhea Mayo Foundation
Information Services Centerplace 8
Rochester, MN 55905
crhea@Mayo.EDU (507) 284-0587

"A system admin's life is a sorry one. The only advantage he has over
Emergency Room doctors is that malpractice suits are rare. On the other
hand, ER doctors never have to deal with patients installing new versions
of their own innards!" -Michael O'Brien

982. Re: Pro-43 and 108-118 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-02-10 21:14:24 UTC
From: dlkerl@cmack.b11.ingr.com
Message-ID: <2je83g$oa6@b11.b11.ingr.com>
Source record: 277090

In article <2jav8k$d9g@ornews.intel.com>, bmiller@landesk.intel.com (Brett Miller - Support Engineer) writes:
|> In article <CKyo6F.EJ8@boi.hp.com> bkunz@boi.hp.com (Bob Kunz) writes:
|> >OK. In the search for a handheld I've found that the Pro-43 doesn't receive
|> >108 to 118 MHz which the RS catalog designates as "air navigation." I thought
|> >that most all the plane to ground comm occurred from 118 to about 122 MHz.
|> >
|> >What goes on in 108 to 118 MHz? If I want to listen to the tower am I going
|> >to miss something? Also, is it correct that the air band is AM rather than
|> >FM? The RS dweeb didn't even know how to unlock the keyboard so couldn't
|> >answer any *real* questions.
|> >
|> >Thanks,
|> >
|> >Bob Kunz
|> >bkunz@boi.hp.com
|> >
|>
|> I don't spend a lot of time in that band, but I know there are aircraft
|> navigation beacons that pilots use to set their course. The only audio
|> part is the morse code ID for the beacon. I don't know of anything else
|> in that band. Normal aviation stuff is from 118-136 AM
|>
|>
|> --
|> Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
|> Intel Corp. Internet: bmiller@landesk.intel.com
|> American Fork, UT
|>

The aviation frequencies use AM. The reasons for this are primarily historical, although one can make technical arguments for its merit.

VOR navigation provides angular information (magnetic bearing) of the position of the VOR station to the pilot, independent of the orientation (heading) of the aircraft. It's a complex system that uses relative phase between two transmitted signals to represent azimuth with respect to the station.

While not frequent, voice communications do occur on the navigation frequencies. Flight Service Stations can transmit voice information to a pilot through a VOR facility. This is done in a half-duplex mode, where the pilot transmits to a particular frequency in the COM (voice) part of the aviation band (usually 122.1 MHz), and identifies the navaid (VOR) station that's being used in the plane. The FSS responsible for that navaid will

then transmit voice on the navaid frequency. Most aircraft have two NAV/COM units installed, making it possible for the pilot to transmit on a COM frequency while listening to the COM frequency. Also, many VOR transmitters use voice identification in addition to Morse code.

Dan Kerl
dlkerl@cmack.b11.ingr.com

983. Re: cellular mod for BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-02-11 00:39:40 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb11.003940.10585@hpcvaac.cv.hp.com>
Source record: 277091

sdsst4+@pitt.edu (Scott D Schneider) writes:
: Where can I get information on modifying the BC200XLT to pickup the
: Cellular band?

You cannot receive the band properly - the BC200 (like most Bearcats)
scans the band in 12.5 MHz steps. This does not match up with the cellular
30 MHz spacing, so you will not receive some of the channels, and others
will be weak/distorted.

Bill

984. Need BC2500 manual help--please

Newsgroup: rec.radio.scanner
Date: 1994-02-11 01:26:54 UTC
From: ac184@FreeNet.Carleton.CA
Message-ID: <CL1DCv.Bw2@freenet.carleton.ca>
Source record: 277092
Cross-posted to: alt.radio.scanner,rec.radio.scanner

The same black hole responsible for most of my socks
and several of my pets has gotten the manual for my BC2500.
I can do the straightforward functions like entering freqs,
searching, etc., because they're so, umm, straightforward,
but the niftier functions like searching and dumping all hits
into mem channels are a blank. If somebody wouldn't mind
emailing me a quick type-up of the commands for the scanner,
it'd help me out a lot.

Thanks in advance for your time,

Tim Murphy
ac184@freenet,carleton.ca
--

985. Scanner Mods

Newsgroup: rec.radio.scanner
Date: 1994-02-11 01:38:59 UTC
From: an678@FreeNet.Carleton.CA
Message-ID: <CL1Dwz.CCG@freenet.carleton.ca>
Source record: 277093

Does anyone know of someone in the Detroit area who does scanner mods?

986. AR2500 computer controllable scanner for sale $325

Newsgroup: rec.radio.scanner
Date: 1994-02-11 01:45:13 UTC
From: crisp@netcom.com
Message-ID: <crispCL1E7E.I7u@netcom.com>
Source record: 277094
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

includes computer control software too. Price is $325. Buyer pays
shipping.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

"one useless man is a lawyer, two lawyers are the first family, and three?
The beginning of the Cabinet" -R. Crisp (apologies to John Adams)

987. Re: Viewing Webersat TV signals

Newsgroup: rec.radio.scanner
Date: 1994-02-11 02:33:27 UTC
From: tweek@netcom.com
Message-ID: <tweekCL1GFs.AAz@netcom.com>
Source record: 277095

In article <760894115snx@iai.mv.com> posted to the Usenet Newsgroup(s)
rec.radio.scanner
wai@iai.mv.com (Wai Hom) writes:
>
>Before you do, I got a response from a Webersat user which I will append
>to this message.
>
> On the handout that was being passed around at the club meeting
>I saw WO-18 437?Mhz AM NTSC Video.
>
>Anyway here is the repsonse from a WEBERSAT user:
> "
>----------------------
>Wai,
>
>Sorry, no video from WO-19. The images are digitized NTSC waveforms from
>a heavily modified (for space) Canon Ci-10 color TV camera. The downlink
>format has been published in a number of places. Webersat was one of the
>original 4 microsats and we didn't configure it to downlink pics in gif
>form, though we may get around to that someday.
>[...]

Oh Well. False alarm I guess. FWIW, folks might try scanning the
ham bands with their cable ready TV... In this area, the ATV repeater
rebroadcasts NASA Select ie: the shuttle missions.

tweek@netcom.com tweek@tweekco.uucp WWIVNet 1@511 DoD #MCMLX
I'd rather get my cable service from the phone company,
than my phone service from the cable company.

988. BC-8500 Comments?

Newsgroup: rec.radio.scanner
Date: 1994-02-11 03:52:33 UTC
From: philscott@delphi.com
Message-ID: <RM1KtZR.philscott@delphi.com>
Source record: 277096

Looking for opinions on the 'new' BC8500 XLT from Bearcat. Looks like a neat
set of features. Anybody have one? How do u like it? I have 2006 already
but am hungry for the autostore and 100 ch/sec. also the alpha display.
Thanks...respond here or email at pscott@wellfleet.com
THANKS

989. Re: pro 2021 mods

Newsgroup: rec.radio.scanner
Date: 1994-02-11 04:09:59 UTC
From: raymondowens@delphi.com
Message-ID: <RM3K1hX.raymondowens@delphi.com>
Source record: 277097

Is it possible to modify the radio shack pro-2023 to receive frequencies above 800 Mhz?

990. Re: Pro-2030 mod?

Newsgroup: rec.radio.scanner
Date: 1994-02-11 06:01:09 UTC
From: mgp@soda.berkeley.edu
Message-ID: <mgp-100294220110@uncommonly.hip.berkeley.edu>
Source record: 277098
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <mgp-090294230139@uncommonly.hip.berkeley.edu>,
mgp@soda.berkeley.edu (Michael Petrotta) wrote:

> Does anyone have information on cel-mods for the Pro-2030?
> The standard ftp sites don't seem to have anything on this model.

It's probably bad form to reply to oneself.

I found the mod on AOL; Charles Copeland also emailed the mod to me.

Modification to restore cellular frequencies in the Radio Shack
PRO-2030
Scanner.

This mod is essentially the same as the PRO2026 except the location of
the
jumper is slightly different.

1. Remove power cable.
2. Turn unit upside down.
3. Remove five (5) recessed screws from bottom panel.
4. Carefully remove bottom panel.
5. With display panel facing you, locate the jumper marked L201 on
the
circuit board attached to the display. It will be about
2" in from the from and 2" in from the right side. It will look
like a RF coil.
6. Cut the jumper marked L201.
7. Reinstall the bottom and reconnect power. Scanner is ready for
use.
8. Cellular frequencies are now restored with 30 Khz channel spacing.

Please note: I picked up this mod from the FIDO net. I have never
completed the mod myself because I own the 2006. But I do have the
service manual and this is the diode that locks out the cellular band.

Even the specs show this diode connected to pin 10 of the
microprocessor.
This pin is the STRAP OPTION CELLULAR SKIP. Too easy!

73's
Scott Souva
KA2AEW / 7 (living in Utah)

==========
Michael Petrotta mgp@soda.berkeley.edu

991. Re: cellular mod for BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-02-11 12:38:55 UTC
From: schuster@panix.com
Message-ID: <2jfu8v$hn@panix2.panix.com>
Source record: 277099

In article <1994Feb11.003940.10585@hpcvaac.cv.hp.com>,
bill nelson <billn@hpcvaac.cv.hp.com> wrote:
>sdsst4+@pitt.edu (Scott D Schneider) writes:
>: Where can I get information on modifying the BC200XLT to pickup the
>: Cellular band?
>
>You cannot receive the band properly - the BC200 (like most Bearcats)
>scans the band in 12.5 MHz steps. This does not match up with the cellular
>30 MHz spacing, so you will not receive some of the channels, and others
>will be weak/distorted.

It's 30 KHz, not MHz.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

992. Re: ALERT ALERT ALERT

Newsgroup: rec.radio.scanner
Date: 1994-02-11 13:17:29 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CL2A99.5At@cbnewse.cb.att.com>
Source record: 277100
Cross-posted to: rec.radio.scanner,alt.radio.scanner

The new PRO-51 portable scanner, a replacement for the GRE-made PRO-39,
has a Service Search feature for several services including
Fire, Weather, Air, and Marine.

From the frequency coverage and other features, my first
guess is that the PRO-51 is made for Tandy by Uniden.

The rounded case is wider at the top and more narrow at the bottom,
like a hamster squeezed in a tight grip. Too bad it's larger than
the PRO-39/PRO-43.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

993. Re: Reset key sequence for a BC100XLT

Newsgroup: rec.radio.scanner
Date: 1994-02-11 14:21:15 UTC
From: bz840@cleveland.Freenet.Edu
Message-ID: <2jg48s$jme@usenet.INS.CWRU.Edu>
Source record: 277101

Remove power source from BC100XLT, and turn on for more than 30mins
and that most certainly will clear the scanner of memory...or just
reprogram the channels...

--
====>> D.A.R.E. <<==== | ---> Support Your Local Law Enforcement Officers <---
Drug Awareness through | Risking Their Lives. To Save, Serve & Protect Yours!
Resistance and proper | - Member: Buckeye State Sheriff's Association
***** Education ****** | - bz840@cleveland.freenet.edu, scott@mwusa.wariat.org

994. Re: ALERT ALERT ALERT

Newsgroup: rec.radio.scanner
Date: 1994-02-11 15:37:32 UTC
From: hightech@world.std.com
Message-ID: <CL2GqL.E14@world.std.com>
Source record: 277102
Cross-posted to: rec.radio.scanner,alt.radio.scanner

The question is: Is it cellular restorable??

Ron
--

| High Tech Opportunities, Inc |
| Voice 603-893-9486 |
| FAX 603-893-9492 |

995. PRO 2028 Mod??

Newsgroup: rec.radio.scanner
Date: 1994-02-11 15:45:07 UTC
From: lenny@pmafire.inel.gov
Message-ID: <1994Feb11.154507.27467@pmafire.inel.gov>
Source record: 277103

A friend om mine just bought his son a PRO 2028 and is curious if it can be modified to receive celluar. I looked on the FTP sites and found no info. on the PRO 2028. I'm not sure if this scanner even covers the 800MHz freqs..

Thanks in advance,
lenny@pmafire.inel.gov

996. Re: ALERT ALERT ALERT

Newsgroup: rec.radio.scanner
Date: 1994-02-11 16:01:55 UTC
From: schuster@panix.com
Message-ID: <2jga5j$fks@panix2.panix.com>
Source record: 277104

In article <CL2A99.5At@cbnewse.cb.att.com>,
Bob Parnass, AJ9S <parnass@cbnewse.cb.att.com> wrote:
>
>The new PRO-51 portable scanner, a replacement for the GRE-made PRO-39,
>has a Service Search feature for several services including
>Fire, Weather, Air, and Marine.
>
>From the frequency coverage and other features, my first
>guess is that the PRO-51 is made for Tandy by Uniden.

The CPU says "Uniden" on it.... that removes any last doubt.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

997. Re: ALERT ALERT ALERT

Newsgroup: rec.radio.scanner
Date: 1994-02-11 16:03:30 UTC
From: schuster@panix.com
Message-ID: <2jga8i$fpr@panix2.panix.com>
Source record: 277105

In article <CL2GqL.E14@world.std.com>,
ron w cooper <hightech@world.std.com> wrote:
>The question is: Is it cellular restorable??

No. Tandy says this will be true of all new models.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

998. Boston Hynes convention center

Newsgroup: rec.radio.scanner
Date: 1994-02-11 16:30:52 UTC
From: marv@netcom.com
Message-ID: <marvCL2J7G.K6K@netcom.com>
Source record: 277106

Anyone have the freqs for it? It's not in Monitor America....

Thanks!

-marvin

--
Marvin Raab Mountain View, CA 94040
marv@netcom.com (415) 961-6501 (h)

999. question about scanners

Newsgroup: rec.radio.scanner
Date: 1994-02-11 16:41:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.3510.5773.0N194777@canrem.com>
Source record: 277107

DS > *IS** illegal...
> > 1) Using a scanner in the commission or a crime.
> > 2) Divulging any information received over the scanner.
> (This is more of a technicality. If enforced, every traffic reporter
> on the radio/TV right now would be doing time.) :-)
>
> Stick with the facts. The general consensus seems to be that what the
> news media do with information intercepted by scanner is protected by the
> First Amendment. They have the money to protect those "rights".

The original poster was using a freenet in Canada. I'm afraid us folks up
here do not know what the First Amendment is about. It doesn't apply to
us.

> Other illegal activities -
>
> 3) Monitoring mobile telephones, one-way paging, studio-transmitter
> links, broadcast remotes and certain other services.
> 4) Monitoring cordless phones in California, Oregon and New York.
> 5) Unscrambling encrypted communications.
>
> ===
> David T. Stark, NF2G, KYR-7128, KNY2DJ
> Assistant Chief, University of Rochester Medical Center Fire Brigade
> Monroe County Pumpkin Patrol Coordinator
> Honorary Member of NYS Troopers Police Benevolent Association
> Fidonet 1:2613/333.2 RadioNet 500:10/18
> Internet david.stark@rochgte.fidonet.org
> ===
>

Thanks for your insight David. Too bad it's wrong when you cross the border.
The original poster was posting from the freenet in Ottawa, Ontario, Canada.
Points 1 & 2 are the only laws in *Canada* that apply to scanners and radios
in general. Your added points (3,4 and 5) do not apply up here. Remember
that Usenet is worldwide and your laws might not apply.

Steve * JABBER v1.1 * Spock, I though you were dead!" "I rebooted, Captain."

1000. Re: Viewing Webersat TV signals

Newsgroup: rec.radio.scanner
Date: 1994-02-11 17:19:29 UTC
From: bmiller@landesk.intel.com
Message-ID: <2jgen1$b5m@ornews.intel.com>
Source record: 277108

In article <1994Feb10.073125.22812@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>I wrote:
>
>: tweek@netcom.com (Michael D. Maxfield) writes:
>: : > 440 Mhz ANT--->CABLE TV BOX TUNED BETWEEN CH59 and 60--->Home TV
>: : >
>: : >Basically, the above diagram shows a Cable TV Box hooked up to an
>: : >external ant where the cable signal is normally plugged in. The cable box
>: : >is then tuned between 59 and 60 where there is on-the-air ham band tv.
>: : > The output of the cable box is fed into the big screen TV.
>:
>: There is not any ham band there. The frequency for Ch 59 is 433.25 MHz, with
>: Ch 60 the normal 6 MHz higher.
>
>This is wrong, unless the band has been removed since 1983. 433 MHz is in the
>middle of one of the UHF Ham bands.
>
>Bill

I could be wrong, since this thread is a little hard to understand, but
this is CABLE we are talking about not RF. I couldn't find my chart but
it is not unresonable that 433MHz is ch 59 on cable. So you hook an antenna
to the box and get 70cm ATV. I have heard of this before. In fact, you
can do it without a cable box by setting your cable-ready TV to the cable
setting and tune in to CH 59 or 60 using your roof antenna.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1001. Re: ALERT ALERT ALERT

Newsgroup: rec.radio.scanner
Date: 1994-02-11 17:36:19 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.760988179@constellation.ecn.purdue.edu>
Source record: 277109

joseph.pereira@channel1.com (Joseph Pereira) writes:

>Greetings......
>I just stoped into Radio Shack to browse.....behold...a brand NEW
>hand held scanner!!
>RS PRO-51
>BEAUTIFUL thing...more compact then the 43!! Scanning frequencies are as
>follows:
>29-29.7
>29.7-50
>50-54
>108-136.975
>137-144
>144-148
>148-174

(take note of sizeable gap here)

>406-450
>450-470
>470-512
>806-823.9375
>851-868.9375
>896.1125-956

>Anyone know about this scanner....can it *mod* for "800"?
>I tell you...I was VERY impressed by its appearance!!

GAAAAAAAACK. Yet another scanner that apparently can't
listen to the military aviation bands. Some of us really don't
WANT to listen to cellular (although we continue to fight for
repeal of stupid laws......) and would really like to get a
decently priced rig for those 200 and 300 MHz frequencies......

Duane

1002. Re: BC-8500 Comments?

Newsgroup: rec.radio.scanner
Date: 1994-02-11 17:46:57 UTC
From: bmiller@landesk.intel.com
Message-ID: <2jggah$c81@ornews.intel.com>
Source record: 277110

In article <RM1KtZR.philscott@delphi.com> philscott@delphi.com writes:
>Looking for opinions on the 'new' BC8500 XLT from Bearcat. Looks like a neat
>set of features. Anybody have one? How do u like it? I have 2006 already
>but am hungry for the autostore and 100 ch/sec. also the alpha display.
>Thanks...respond here or email at pscott@wellfleet.com
>THANKS

The features are great but I would not reccomend this scanner to anyone
in a city with high RF levels unless you plan to use the CTCSS optional
module. If you have intermod problems with other scanners, this will
probably not meet your needs.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1003. Re: ** Handheld SCANNER FORSALE! **

Newsgroup: rec.radio.scanner
Date: 1994-02-11 17:47:23 UTC
From: horak@convex.com
Message-ID: <horak.760988843@convex.com>
Source record: 277111
Cross-posted to: misc.forsale,rec.radio.scanner,alt.radio.scanner,wyvern.forsale

In <CKztKC.GJu@infi.net> roebuck@infi.net (Tom Manos) writes:

> FORSALE ......
> REALISTIC PRO-37 HANDHELD 200 CHANNEL HYPERSCAN
> REACHES THROUGH 800 MHz (current models lock
> cellular frequencies out)

It was not manufactured cellular capable though. Are you saying it receives cellular. If so, it has been modified.

> LIKE BRAND NEW WITH MANUAL!!! WILL SELL
> FOR $200 + SHIPPING /........

The Pro37 is a pretty nice scanner. I have the earlier almost identical Pro34. I got mine brand new for $229 years ago. $200 is a very steep price for the Pro37. I'd be hesitant to give $150 for it, especially if it has been opened up and modified. But, that's my opinion. If you can find some poor sucker to pay that price, you're lucky.

David

1004. Grove's No-Antenna

Newsgroup: rec.radio.scanner
Date: 1994-02-11 18:33:00 UTC
From: derek.buchler@channel1.com
Message-ID: <40.867.2433.0NE17043@channel1.com>
Source record: 277112

Does anyone have any additional information regard the new "No-Antenna" for scanners and shortwave radios being offered by Grove Enterprises? This device is being advertised as a solution for those that don't want to mount an antenna on their vehicle. I don't think that they are referring to the "splitter" that can be used with the car's original antenna since it was also mentioned that it is suitable for use in hotel rooms.

I'd be interested in hearing from people that have tried this device.

Derek
derek.buchler@channel1.com
* RM 1.2 00223 * Keep honking .... I'm reloading !!!!

1005. subscribe

Newsgroup: rec.radio.scanner
Date: 1994-02-11 18:53:09 UTC
From: 0005682193@mcimail.com
Message-ID: <93940211155039/0005682193NA4EM@mcimail.com>
Source record: 277113

```
subscribe rec-radio-scanner Al Quaglieri
```

1006. Wanted: Uniden MR8100A

Newsgroup: rec.radio.scanner
Date: 1994-02-11 20:32:28 UTC
From: brianw@swqa-sun.NSD.3Com.COM
Message-ID: <2551@bridge2.NSD.3Com.COM>
Source record: 277114

Wanted a used Uniden MR8100A scanner. This must include the accessories, such the documentation, adapters, programming diskette and speaker. Send me your offers.

Send your replies to brianw@swqa-sun.nsd.3Com.com

--
Brian F. Woodson | Internet: brianw@swqa-sun.nsd.3Com.com
3Com Corporation | brian_woodson@3com.com
5400 Bayfront Plaza | Voice : (408-764-5274)
Santa Clara, CA 95052-8145 | Fax : (408-764-5002)

1007. Re: Need BC2500 manual help--please

Newsgroup: rec.radio.scanner
Date: 1994-02-11 20:55:09 UTC
From: bfoust@nic.cerf.net
Message-ID: <2jgrbd$a2c@news.cerf.net>
Source record: 277115
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Tim,

> The same black hole responsible for most of my socks
> and several of my pets has gotten the manual for my BC2500.
> I can do the straightforward functions like entering freqs,
> searching, etc., because they're so, umm, straightforward,
> but the niftier functions like searching and dumping all hits
> into mem channels are a blank. If somebody wouldn't mind
> emailing me a quick type-up of the commands for the scanner,
> it'd help me out a lot.
>
> Thanks in advance for your time,
>
> Tim Murphy
> ac184@freenet,carleton.ca

I don't have much time, but here's the manual entry on the AUTO key:

AUTO KEY
Use [AUTO] toutomatically store active frequencies into open (empty)
channels of specified banks. To use Auto Store, first set the
upper and lower limits of the band to be searched.

In Search Mode, press [AUTO] to activate the Auto Store feature.

Press the numeric key(s) for the bank(s) to store the frequencies.
("AUTO" appears on the display when Auto Store is activated.)

To stop Auto Store, press [HLD], [MANUAL], or [AUTO].

--
Serving the God of Creation
-Brent Foust

1008. Re: Scanner Repair Location.

Newsgroup: rec.radio.scanner
Date: 1994-02-11 21:54:57 UTC
From: tharrell@nmsu.edu
Message-ID: <2jgurhINNp6j@dns1.NMSU.Edu>
Source record: 277116

amuljadi@ivan wrote:
: Another question is which one is better; rubber duck antenna or extended-metal
: antenna that is sold in RS for around $9.00 ?

: Thank You.
The Radio Shack whip, compared to the rubber ducky, is killer in the VHF-Lo
range. I can pick up cordless phones with it that I can't even hear when I
unsquelch the channel while using the ducky. It did, however, work the
BNC connector loose on my old Pro-38 after a while.

--
....
: _\| /\ |/_ T.J. Harrell III (NRA) : #include <witty_sig_saying.h>
: \/ \/ P.O. Box 4334 :
: / \ Las Cruces NM 88003 :
: /________\ weasel@acca.nmsu.edu :
:.....................................:

1009. Re: Bearcat Mr. Scanner club

Newsgroup: rec.radio.scanner
Date: 1994-02-11 21:57:36 UTC
From: tharrell@nmsu.edu
Message-ID: <2jgv0gINNpah@dns1.NMSU.Edu>
Source record: 277117

Milt Forsberg (miltf@ux1.cso.uiuc.edu) wrote:
: I have been a member of the Bearcat Club for over a year. They maintain
: a BBS with a database on frequencies nationwide. This is really helpful
: if you don't want to buy a book for an area. They also have a DOS based
: program with the same info for your own pc. Each state is purchased as
: a separate disk. Members pay somewhere around $10 per disk. You can
: combine several states into your own database for states you need. Canada
: is available as well. The publication is produced every 2 months with
: articles related to scanning and a few frequency updates. I find the club
: to be worthwhile for the price, and I do recommend it.

: Milt Forsberg
: K9QZI

What's the BBS number?? I tried calling the one from an older issue
of NatScan but the number was disconnected. And yes, I'm a member too.
--
....
: _\| /\ |/_ T.J. Harrell III (NRA) :
: \/ \/ P.O. Box 4334 :
: / \ Las Cruces NM 88003 :
: /________\ weasel@acca.nmsu.edu :
:.....................................:

1010. Re: Cordless tel monitoring the right way

Newsgroup: rec.radio.scanner
Date: 1994-02-11 22:16:53 UTC
From: tharrell@nmsu.edu
Message-ID: <2jh04lINNq8j@dns1.NMSU.Edu>
Source record: 277118

Jim Hansen (hansen@next1.scri.fsu.edu) wrote:
: Let's face it. You spend $600 on a good scanner, hoping
: to get in on the real meat and potatos of the freq range,
: 46-49 and soon 900Mhz, are a source of awsome info. But did
: you know 99.9% of scanners can hardly pick up the 46-49Mhz
: range? Well if you enjoy, or would like to find out better
: info on how to do this, use what was engineered to operate
: in this range, the handset!
: I bought a Sony SPP-70 just for this purpose. It has
: all 10 channels and you can surf through them with the press
: of a button. To monitor, just get to your channel, unplug the
: phone cord first, then the power. You'll get great range,
: and if you do freelance P.I. work like I do, you can take
: it on the road provided you have the correct 12V adaptor for
: your car.
: I have compared it to all my scanners and the handset
: takes the cake.

I don't know, but my old pro-38 with the $10 whip is a hell of a lot more sensitive than my at&t's handset! I have a hard time believing that the puny antennas that come on most handsets would do that well, especially from inside a car. My wife's Festiva is set up to use the radio antenna for the scanner, and even THAT is more sensitive than the rubber duckies (which suck on VHF-lo anyway). Methinks you should have gone with a better scanner antenna instead of a phone, but hey, if it works for you then I guess it's okay.

Happy investigating!

--
....
: _\| /\ |/_ T.J. Harrell III (NRA) :
: \/ \/ P.O. Box 4334 :
: / \ Las Cruces NM 88003 :
: /________\ weasel@acca.nmsu.edu :
:.....................................:

1011. Freq allocations file FTP-able at ftp.catt.nscu.edu or not?

Newsgroup: rec.radio.scanner
Date: 1994-02-11 23:25:39 UTC
From: slush@voa.gov
Message-ID: <CL32Es.A68@VOA.GOV>
Source record: 277119

Late last year, a poster notified this newsgroup that he had massaged the 1993 Grove database of FCC allocations for Illinois, and came up with 3800 lines of data which was pretty much an allocations table of frequencies.

He said he had made it available for FTP at garfield.catt.ncsu.edu (recently changed to ftp.catt.ncsu.edu), as "BandPlan_Grove1993" in /pub/alt.radio.scanner/FREQS.

I've found /pub/ham-radio/scanner/FREQS at that site, but no such file (there is a smaller allocations file, but it's only 200 lines or so and a number of them seem to be incorrect). An archie search for "grove" or "bandplan" didn't have any success, either.

Can anybody in Netland supply a better site to access such a file of allocations?

Thanks in advance!

Joe (slush@voa.gov) Standard Disclaimer blah, blah, blah.

1012. New, higher power speaker mod for the Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-02-11 23:29:33 UTC
From: steve@galaxy.nsc.com
Message-ID: <CL32LA.G9r@voder.nsc.com>
Source record: 277120

I called the Radio Shack parts center (817) 870 5600 to ask for the price of a replacement speaker. I was surprised to be told by the individual that some of the Pro-43's had a 200mW speaker installed and that there was just in the last two weeks a new 500mW speaker replacement available through them for $11! The service manual is $6 and delivery of all is very inexpensive ~$2. The 200mW speaker has a part number on it as #123 and the 500mW speaker has a part # 127.
The power saver function, only actived in the manual mode, reduces power use by 75% after about 5 seconds of no reception. 85mA for 270mS, 5mA for 1 second, 1.3 second period.
I just checked my very recently purchased pro-43 and it has the 200mW speaker! The speaker mod, although I have not performed it yet, is convenient to do during any other suggested mod which a person might be inclined to performThe speaker is glued in and under the keypad entry board.

1013. Re: ALERT ALERT ALERT

Newsgroup: rec.radio.scanner
Date: 1994-02-12 01:17:03 UTC
From: an678@FreeNet.Carleton.CA
Message-ID: <CL37KF.748@freenet.carleton.ca>
Source record: 277121

I've been told by reliable sources scanners at Radio Shack are made
by both Uniden and GRE...Uniden makes the lower priced scanners and GRE
makes the higher priced (like the 2006 and Pro 43).

1014. Re: AR2500 computer controlled scanner for sale, $325

Newsgroup: rec.radio.scanner
Date: 1994-02-12 05:26:05 UTC
From: crisp@netcom.com
Message-ID: <crispCL3J3H.6vt@netcom.com>
Source record: 277122
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

The scanner has been sold.

In article <crispCL1E2y.Hwx@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>Includes control software too. Price is $325 buyer pays shipping.
>

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1015. 700a SCANNER AND 800 MHZ

Newsgroup: rec.radio.scanner
Date: 1994-02-12 10:07:45 UTC
From: dj1@vax1.mankato.msus.edu
Message-ID: <1994Feb12.050745.698@vax1.mankato.msus.edu>
Source record: 277123

Hello, I was looking at a Bearcat 700A 800Mhz scanner. I see that the cellular is locked out but I thought that maybe somebody would know if it is restorable or not. Thanks.

dj1@vax1.mankato.msus.edu

1016. Re: ALERT ALERT ALERT

Newsgroup: rec.radio.scanner
Date: 1994-02-12 13:15:23 UTC
From: schuster@panix.com
Message-ID: <2jikpb$5eq@panix2.panix.com>
Source record: 277124

In article <CL37KF.748@freenet.carleton.ca>,
Robert C. Walker <an678@FreeNet.Carleton.CA> wrote:
>
>
>I've been told by reliable sources scanners at Radio Shack are made
>by both Uniden and GRE...Uniden makes the lower priced scanners and GRE
>makes the higher priced (like the 2006 and Pro 43).

Thnaks for this information, but most of the people reading this newsgroup
have known this information for years and years.

By the way, the PRO-51 is priced at $299 and is made by Uniden ... does
that break your price rule?

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1017. Re: cellular mod for BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-02-12 14:17:29 UTC
From: dino@cam.org
Message-ID: <dino-120294091729@dino.hip.cam.org>
Source record: 277125

In article <2jfu8v$hn@panix2.panix.com>, schuster@panix.com (Michael Schuster) wrote:

> In article <1994Feb11.003940.10585@hpcvaac.cv.hp.com>,
> bill nelson <billn@hpcvaac.cv.hp.com> wrote:
> >sdsst4+@pitt.edu (Scott D Schneider) writes:
> >: Where can I get information on modifying the BC200XLT to pickup the
> >: Cellular band?
> >
> >You cannot receive the band properly - the BC200 (like most Bearcats)
> >scans the band in 12.5 MHz steps. This does not match up with the cellular
> >30 MHz spacing, so you will not receive some of the channels, and others
> >will be weak/distorted.
>
> It's 30 KHz, not MHz.
>
>
>
> --
> Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
> ------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

This is true however I have put the radio on the bench and it is very sensitive in the cellular range, also not that some channels will still be readable. If anyone needs the mod, let me know. I have it here.
Regards.

--
"""""""""""""""""""""
| Dino Moriello """""""""""""""""""""""
| PO BOX 105 Internet: dino@CAM.ORG """""""""""""""""""""
| Radisson,Quebec Compuserve: 76120,1472 Tel.: 514-974-0773 |
| CANADA J0Y 2X0 Packet: VE2DM@VE2FKB 819-638-8281 |
"""
Please E-mail replies since I can't always read the USENET postings.

1018. Viewing Webersat TV signals

Newsgroup: rec.radio.scanner
Date: 1994-02-12 16:52:06 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <761150408.AA01202@rochgte.fidonet.org>
Source record: 277126

> From: billn@hpcvaac.cv.hp.com (bill nelson)
> Organization: Hewlett-Packard Company, Corvallis, Oregon USA

> There is not any ham band there. The frequency for Ch 59 is 433.25
> MHz, with Ch 60 the normal 6 MHz higher.

The full 70cm ham band runs from 430 to 450 MHz. Portions of that band
are restricted near the US-Canadian border. The nationwide common ATV video
frequency is 439.250 MHz.

1019. Readership Report for the Radio-Related Usenet Newsgroups

Newsgroup: rec.radio.scanner
Date: 1994-02-12 17:29:58 UTC
From: pschleck@unomaha.edu
Message-ID: <1994Feb12.172958.2948@news.unomaha.edu>
Source record: 277127
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.scanner,rec.radio.info

The following is reprinted from news.lists, with only the radio-related newsgroups (and the first newsgroup for comparison) included.

>From: reid@decwrl.DEC.COM (Brian Reid)
>Newsgroups: news.lists
>Subject: USENET Readership report for Jan 94
>Date: 8 Feb 1994 13:59:13 -0800
>Organization: DEC Network Systems Laboratory
>Summary: data for all groups
>Keywords: arbitron, statistics, full

This is the full set of data from the USENET readership report for Jan 94.
Explanations of the figures are in a companion posting.

```
+-- Estimated total number of people who read the group, worldwide.
| +-- Actual number of readers in sampled population
| | +-- Propagation: how many sites receive this group at all
| | | +-- Recent traffic (messages per month)
| | | | +-- Recent traffic (kilobytes per month)
| | | | | +-- Crossposting percentage
| | | | | | +-- Cost ratio: $US/month/rdr
| | | | | | | +-- Share: % of newsrders
| | | | | | | | who read this group.
V V V V V V V V
1 510000 6243 90% 2 25.1 100% 0.00 12.3% news.announce.newusers

211 91000 1114 77% 1314 4119.6 13% 0.06 2.2% rec.radio.amateur.misc
286 82000 1000 77% 1047 2547.4 6% 0.04 2.0% rec.radio.shortwave
417 72000 872 75% 470 537.3 9% 0.01 1.7% rec.radio.swap
542 64000 776 59% 391 575.9 17% 0.01 1.5% alt.radio.scanner
739 54000 662 74% 383 1012.5 1% 0.02 1.3% rec.radio.amateur.policy
939 48000 581 65% 155 1072.4 6% 0.02 1.1% rec.radio.info
963 47000 571 74% 130 221.1 19% 0.01 1.1% rec.radio.noncomm
969 47000 570 55% 663 977.4 9% 0.02 1.1% rec.radio.scanner
1007 45000 554 73% 184 354.6 3% 0.01 1.1% rec.radio.cb
1083 43000 529 58% 233 354.7 5% 0.01 1.0% rec.radio.amateur.homebrew
1143 42000 509 60% 321 660.1 5% 0.02 1.0% rec.radio.amateur.digital.misc
1156 41000 504 58% 268 440.1 10% 0.01 1.0% rec.radio.amateur.antenna
1207 40000 488 67% 353 820.4 6% 0.02 1.0% rec.radio.broadcasting
1235 39000 478 54% 161 265.1 3% 0.01 0.9% alt.radio.pirate
1245 39000 474 58% 283 372.3 3% 0.01 0.9% rec.radio.amateur.equipment
1314 37000 451 57% 101 350.6 40% 0.01 0.9% rec.radio.amateur.space
1894 24000 294 37% 114 189.5 6% 0.00 0.6% alt.radio.networks.npr
2124 20000 240 50% - - - - 0.5% rec.radio.amateur.packet
```

2279 17000 202 32% 4 4.1 25% 0.00 0.4% rec.ham-radio
2293 16000 199 31% 8 11.9 63% 0.00 0.4% rec.ham-radio.swap
2487 13000 155 16% 50 92.7 0% 0.00 0.3% alt.radio.digital
2778 5900 72 19% 61 212.1 65% 0.01 0.1% aus.radio

Several positive trends continue this month. Readership is up dramatically in all active newsgroups (closely following Usenet's predicted exponential growth patterns). Previously tied, rec.radio.amateur.misc has surged ahead of rec.radio.shortwave, which is running second this month. Other newsgroups with extremely strong showings are rec.radio.swap and rec.radio.amateur.policy (meeting their respective goals of keeping for-sale messages and extended legal debate out of the main discussion newsgroup). Currently, rec.radio.amateur.homebrew leads the other new rec.radio.amateur newsgroups by a slight margin, although all are roughly at the same order of magnitude. The recently-created rec.radio.scanner is slowly gaining in readership as well, its propagation almost tied with alt.radio.scanner, which it supersedes. Recently, Chris Yoder (chris@tali.hsc.colorado.edu) sent out an rmgroup for alt.radio.scanner. Unfortunately, a user at another site (infamous for doing these things) took Chris's rmgroup message, converted it to a newgroup message, and sent it back out. Because of this, alt.radio.scanner will not be deleted at sites that obey control messages automatically. Be advised that the newgroup message is a forgery and only the rmgroup message should be carried out.

It is expected that the newly-created newsgroups will continue to grow in readership like previously-created newsgroups such as rec.radio.info and settle out at about 60-70% propagation. If these new radio-related newsgroups still haven't reached your site, please ask your news administrator to create them (refer him/her to the new newsgroup announcements by Dave Lawrence in news.announce.newgroups or the messages posted to the new newsgroups piling up in "junk" :-). Especially point out to him/her that cost/per-reader/per-month is significantly down in all newsgroups.

The defunct newsgroup rec.radio.amateur.packet has been rmgrouped as of September 21st, 1993, and is no longer connected to the PACKET-RADIO mailing list. Netters interested in packet-radio discussion should use rec.radio.amateur.digital.misc and the HAM-DIGITAL mailing list. Propagation and readership continues to drop in the old newsgroup, which is currently in last place among all the rec.radio newsgroups. If this newsgroup still appears at your site, ask your news administrator to rmgroup it.

Note also that the defunct rec.ham-radio hierarchy reappears this month. If the newsgroups are still active at your site, please try to persuade your your news administrators to delete them as these groups have been rendered obsolete (for over 3 years now) by the rec.radio.amateur hierarchy.

--
73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu

1020. question about scanners

Newsgroup: rec.radio.scanner
Date: 1994-02-12 18:03:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <761150431.AA01204@rochgte.fidonet.org>
Source record: 277128

> From: steve.jones@canrem.com (Steve Jones)
> Organization: CRS Online (Toronto, Ontario)

> The original poster was using a freenet in Canada. I'm afraid us

Maybe the original, original poster was. I can't always tell. Your address as quoted above is pretty clear as to your location. Not all addresses are.

1021. Re: FCC Database?

Newsgroup: rec.radio.scanner
Date: 1994-02-12 18:10:56 UTC
From: daryl@tcomeng.com
Message-ID: <2jj63g$pvt@tcomeng.tcomeng.com>
Source record: 277129

Mark Keiser (mkeiser@scca.Eng.Sun.COM) wrote:

: Having been ill for awhile, I now see some discussion on the FCC database
: being online. Could someone report it's access or address? I seem to have
: missed it.

The FCC database for California in online at tcomeng.com.
Telnet to tcomeng.com and login as 'fcc'.

--
Daryl Jones daryl@tcomeng.com
Telecommunications Engineering Associates {decwrl}!tcomeng!daryl
South San Francisco, California Phone: (415) 871-4200

1022. Re: A is for alpha.....

Newsgroup: rec.radio.scanner
Date: 1994-02-12 19:36:47 UTC
From: taft@adobe.com
Message-ID: <1994Feb12.193647.6790@adobe.com>
Source record: 277130
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Guy.Houle@f134.n167.z1.fidonet.org (Guy Houle) writes:
>Here is the official international list:
>A: Alpha G: Golf M: Mike S: Sierra Y: Yankee
>B: Bravo H: Hotel N: November T: Tango Z: Zulu
>C: Charlie I: India O: Oscar U: Uniform
>D: Delta J: Juliett P: Papa V: Victor
>E: Echo K: Kilo Q: Quebec W: Wisky
>F: Foxtrot L: Lima R: Romeo X: X-Ray
>In USA,and probably elswhere also, some police and others services uses a
>code of their own, but it's not recognized world wide, but mainly on a
>local (or national) basis. For example, A become Able, B = Baker, etc...

Just to elaborate a bit:

The sequence starting with Alpha Bravo is called the International Phonetic Alphabet. It was introduced (in the 1950s, I believe) as a replacement for the sequence starting with Able Baker, which was in widespread use in the U.S. before that time.

The problem with Able Baker is that it is not particularly mnemonic in languages other than English. For example, a French speaker who doesn't know any English might hear "Able" and think that it logically begins with E. The new standard was an attempt to solve this problem, by using words whose phonetic spelling is similar in most European languages.

There are other phonetic alphabets, whose origin I don't know. Around here, the police use an alphabet beginning with Adam Boy.
--
Ed Taft taft@adobe.com ...decwrl!adobe!taft

1023. Cellular frequencies in Australia?

Newsgroup: rec.radio.scanner
Date: 1994-02-12 19:51:43 UTC
From: mraub@prairienet.org
Message-ID: <2jjc0f$guv@vixen.cso.uiuc.edu>
Source record: 277131

Can anyone tell me the cellular base output frequencies in use in Australia
and the channel spacing used?
Are there any laws restricting monitoring of the cellular band in force?

Thanks,
Mike Raub
mraub@prairienet.org

1024. FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-02-12 21:23:00 UTC
From: Paul.Brzonkala@f239.n109.z1.fidonet.org
Message-ID: <fc7_9402121914@blkcat.fidonet.org>
Source record: 277132

FOR SALE FOR SALE

1) YAESU FRG-100. Getting new AM Narrow filter. 5 months new!
Will sacrifice for $380.00.

2) AR 1000 xlt. 800 preprogrammed DC Metro stations. Additional
shortwave on other banks. DC cord. Bornstein's Guide. $280.

Leave me a message at (703) 816-7823. I'll call back.

1025. Re: Pro-43 and 108-118 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-02-12 22:46:43 UTC
From: Leland Van Koten <leevankoten@delphi.com>
Message-ID: <hmzoFjj.leevankoten@delphi.com>
Source record: 277133

Bob Kunz <bkunz@boi.hp.com> writes:

>What goes on in 108 to 118 MHz? If I want to listen to the tower am I going
>to miss something? Also, is it correct that the air band is AM rather than
>FM? The RS dweeb didn't even know how to unlock the keyboard so couldn't
>answer any *real* questions.

Bob -- The 108-118 MHz band is mainly navigation aids, so you won't be missing anything you want to hear. You're correct that aviation is almost entirely AM (I guess the air mobile telephones are FM, however).

I just got a Pro-43 a week or so ago, and have been very pleased with it. The only complaint I've got is that it goes through batteries as fast as my 2 meter HT transceiver -- maybe faster than the 2 meter rig does on one watt. If you are familiar with battery life in ANY other radio receiver, you'll be amazed.

What's nice is that they have a connection so that you can charge a NiCad battery while the scanner is one. (That should have been "the NiCad batteries" since there are several of them.) Buy an AC adaptor and leave it plugged in, but don't plan on spending a lot of time operating the scanner off of batteries.
Lee/KE3FB in Md.

1026. AR2500

Newsgroup: rec.radio.scanner
Date: 1994-02-12 23:04:22 UTC
From: dwetzel@rain.com
Message-ID: <2jjnig$os1@rain.psg.com>
Source record: 277134
Cross-posted to: rec.radio.swap,rec.radio.scanner,misc.forsale

I have an AOR2500 for sale, 7 months old, $350. I pay shipping. Relocation forces sale of this 1-1500 MHz scanner, AM/FM/WFM/SSB modes, entirely programmable, RS232 computer interface.

Contact via email or usmail

Doug Wetzel
16602 NW Somerset Drive
Beaverton, OR 97006

1027. Re: Bearcat Mr. Scanner club

Newsgroup: rec.radio.scanner
Date: 1994-02-13 00:09:52 UTC
From: mpage@netcom.com
Message-ID: <mpageCL4z4H.18q@netcom.com>
Source record: 277135

Jeff Truell (jefft@gatecom.com) wrote:
: A friend of mine just bought a bearcat scanner and it came with a
: brocure for a Mr. Scanner Club. Is anyone out there a memeber? What
: type of club is it.

Unless they have done some great things lately, the computer program is a JOKE! The information was years old and NOT accurate. There were typos throughout it and the program, itself never worked correctly. If the club is in the same calibre, buy a book, and not Betty Bearcat. There is no way to keep up to the day info on freqs, unless you are in business of doing so, but now book or disk should be more that a year behind in both freq and accurate information.
--

==========
| Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436 | |
|==========
	MEDIA PAGE
Internet: mpage@netcom.com	Breaking News Stories to
CIS: 71674,1610	the News Media since 1978
==========

1028. Re: Pro-43 and 108-118 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-02-13 04:29:29 UTC
From: lriggins@afit.af.mil
Message-ID: <lriggins.761113769@afit.af.mil>
Source record: 277136

Leland Van Koten <leevankoten@delphi.com> writes:
>I just got a Pro-43 a week or so ago, and have been very pleased with it. The
>only complaint I've got is that it goes through batteries as fast as my 2 meter
>HT transceiver -- maybe faster than the 2 meter rig does on one watt. If you
>are familiar with battery life in ANY other radio receiver, you'll be amazed.

I just got mine last week. I got close to 30 hours on the first set of
Energizers and over 20 on the second set before replacing them with nicads
(they were still going, and going... :-). I'm not too familiar with radio
receiver battery life, but is this bad?

>What's nice is that they have a connection so that you can charge a NiCad
>battery while the scanner is one. (That should have been "the NiCad batteries"
>since there are several of them.) Buy an AC adaptor and leave it plugged in,
>but don't plan on spending a lot of time operating the scanner off of batteries.

I put RS's 850ma/hr nicad's in a couple of days ago and got around 7-8 hours
after an initial charge of about 14 hours (I really wasn't counting).
Unlike the alkalines which go for quite some time after the display starts
flashing with the warning beep, the nicads go within a minute or so... not
much warning, but that's pretty much typical of nicad discharge. I got the
AC adapter/charger as well as the DC plug for the truck, so it's pretty easy
to keep the nicads charged up, but I do intend to let them discharge fully on
a regular basis. I suspect battery life (and charge time while listening)
depends A LOT on how often and long it breaks squelch and how loud you have
it turned up.

I really like the option of using easily obtained alkaline's as a backup
instead of being stuck with some proprietary nicad pack. And I'm happy
with the other properties of the PRO-43 so far.
--
Maurice INTERNET: lriggins@afit.af.mil

1029. MODS for Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-02-13 05:47:58 UTC
From: keithm@wicat.com
Message-ID: <1994Feb13.054758.3456@wicat.com>
Source record: 277137
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Could someone please e-mail me the cellular (and any other) mods
for the Pro-43 scanner. This is for a friend, and I can't find
them in my collection.

--
Keith McQueen, Wicat Systems Inc. , (801)223-3284 | My opinions are |
Packet: n7hmf @ nv7v.UT.USA.NA | all mine... |
Internet: keithm@wicat.com | ...so there! |

1030. Re: BC-8500 Comments?

Newsgroup: rec.radio.scanner
Date: 1994-02-13 14:22:40 UTC
From: philscott@delphi.com
Message-ID: <xc4pdTg.philscott@delphi.com>
Source record: 277138

Brett, Thanks for the comments. I live about 20 mile out of Philadelphia and have the BC8500 (just got it) run into a DIscone at abt 30'. So far so good...no intermod or RF probs yet. Thanks for the caution...I do love the features...far better than my
PRO -2006

1031. Viewing Webersat TV signa

Newsgroup: rec.radio.scanner
Date: 1994-02-13 19:05:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.3532.5773.0N194AF6@canrem.com>
Source record: 277139

In a message dated 02-13-94 at 12:14, David Stark wrote:
DS> The full 70cm ham band runs from 430 to 450 MHz. Portions of that band
DS>are restricted near the US-Canadian border. The nationwide common ATV
DS>video frequency is 439.250 MHz.

I thought the whole ham band runs from 420-450mhz with some restrictions on the 420-430mhz portion near the Canadian border.

I'm not sure why they'd restrict anything above 430mhz since we don't have any commercial systems in there. Our commercial users have space between 420 and 430mhz only.

Steve

** MS QWiK v4.3 [UNREG] for Amiga **

1032. new questions (or perhaps old news) about batteries...

Newsgroup: rec.radio.scanner
Date: 1994-02-13 20:34:35 UTC
From: surreal@u.washington.edu
Message-ID: <2jm2sr$emn@news.u.washington.edu>
Source record: 277140
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Recently I've bought a Pro-43, a bunch of alkeline batteries,
six eveready rechargable batteries, and a 9v 300mA adapter.
Funny how a scanner on sale quickly jumps to $350 with the
"options"
Anyway, after changing and charging and changing and charging,
a couple questions came to mind:

What's the trick to getting the most out of nic-cad rechargable
batteries?

Has anyone tried/had experience with the "new" RENEWAL alkeline
rechargable batteries? Is it worth the extra $$?

I've also seen a gizmo at Price/Costco that "claims" to recharge
regular-joe alkeline batteries like Energizers, Duracell, etc...
I don't remember the brand name. has anyone tried this route?
Is it the same thing as the RENEWAL, under a different cover?
I don't know about you, but I have terrible childhood memories
of opening the battery compartment of my favorite toys, only to find
leaking batteries. I can't bring myself to insert recharged
alkeline batteries in my new toys.

a reply via news *and* email most appreciated.

Surreal@u.washington.edu

******

i warned you....

1033. Pro-44 Cell Mods

Newsgroup: rec.radio.scanner
Date: 1994-02-14 00:33:07 UTC
From: tcoles@cousteau.uwaterloo.ca.uwaterloo.ca
Message-ID: <CL6uv7.InB@watserv1.uwaterloo.ca>
Source record: 277141

Does anyone know if the Radio Shack Pro-44 is cell restorable? I'd appreciate any help I can get.

Tanks. Todd

1034. Re: Pro-43 and 108-118 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-02-14 00:39:34 UTC
From: me30400@maroon.tc.umn.edu
Message-ID: <me30400-130294183934@dialup-1-75.gw.umn.edu>
Source record: 277142

>
> I just got a Pro-43 a week or so ago, and have been very pleased with it. The
> only complaint I've got is that it goes through batteries as fast as my 2 meter
> HT transceiver -- maybe faster than the 2 meter rig does on one watt. If you
> are familiar with battery life in ANY other radio receiver, you'll be amazed.
>
> What's nice is that they have a connection so that you can charge a NiCad
> battery while the scanner is one. (That should have been "the NiCad batteries"
> since there are several of them.) Buy an AC adaptor and leave it plugged in,
> but don't plan on spending a lot of time operating the scanner off of batteries.
> Lee/KE3FB in Md.

I just bought a Pro-43 and am very pleased also. Just wondering, how long
is the battery life for NiCad's vs. Alakine? I just bought some NiCads
today and they're charging up right now. It sounds like I made the right
decision.

-- Steve

1035. Re: Pro-43 and 108-118 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-02-14 01:54:48 UTC
From: jackson@cs.nyu.edu
Message-ID: <2jmll8$508@longlast.cs.nyu.edu>
Source record: 277143

>>What goes on in 108 to 118 MHz?

>Bob -- The 108-118 MHz band is mainly navigation aids, so you won't be missing
>anything you want to hear.

However, I did enjoy listening to a VOR beacon from an airport around the corner when I wanted up to date weather. It sure beat NOAA's "the next scheduled update will be at 5 p.m." when it's noontime and television's at 6:45am and 5:37pm and better hope you don't miss it. The weather channel is okay, if you a) have cable and b) can wait until they do your part of the country.

I assume it's through all VOR's, but VOR's (VHF Omnidirectional Range) as far as I understand (read books of a good friend as he spent four years at Embry-Riddle) broadcast audio signals in a special format that equipment onboard planes can analyze and tell you which way you are going and how fast. There's more to it than just radials and dme. You hear the output of FSS's, flight service stations that talk to pilots about flight plans and assistance. If you listen to FSS input frequencies (true pilots, please help) you can hear what VORs the pilot is listening to the FSS output. Listen for "I'm listening through [fill in the blank]." Your best bet is to go to a small airport and get a sectional map. You'll see the names of the VORs as well as the frequencies they broadcast on.

There's a lot more detail of course, I'm just saying (without flaming), that after someone told me I would find VORs boring, I found I enjoyed them.

Please note that they have near-zero propagation at ground level, espeically with mountains and valleys, so you need to be VERY close to the towers to hear them. At least I did with my Pro-34 and stock duckie.

Steve

C
Please note that they have near-zero ground wave propa
--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

1036. VHF Low Band Skip 02.13

Newsgroup: rec.radio.scanner
Date: 1994-02-14 02:28:00 UTC
From: russell.wright@xoanon.com
Message-ID: <9402140210061793@xoanon.com>
Source record: 277144

```
VHF Low Band Skip 94.02.13 QTH: Galveston County, TX
-----------------------------------------------------

29.700 - Bootleggers; sounded like a husband/wife team
30.020 - Paging
30.600 - Business
30.640 - Fuel oil truck to Pleasontville
30.710 - Business
30.790 - Spanish
30.960 - Taxis Spanish
31.000 - Taxis Spanish
31.020 - Taxis Spanish
31.080 - Taxis Spanish
31.160 - Taxis Spanish
31.240 - Taxis Spanish
33.240 - Phone patch w/ off hook tones
33.480 - EMS; KCA351
33.480 - Telemetry
33.500 - EMS w/ NE US accent
33.540 - EMS
33.600 - Spanish
33.660 - Spanish
33.700 - FD; KCC987(?)
33.920 - EMS to Mateo St
33.920 - Paging; Spanish
35.500 - cw id 'spokane'
38.300 - Spanish

| 73 de russell@xoanon.com
```

1037. Pro-43 Beep Mod Please!

Newsgroup: rec.radio.scanner
Date: 1994-02-14 02:29:18 UTC
From: sqz1909@axp2.acf.nyu.edu
Message-ID: <1994Feb13.212918.1@axp2.acf.nyu.edu>
Source record: 277145

Hi everyone,
Since this is my first post after several weeks of reading,
let me start by thanking everyone out there for all the
valuable information.

Right now I'm looking for information on how to get rid of
that annoying "beep" on my Pro-43 scanner. Can anyone either direct
me to the directions to this mod or post it here.
Thanks in advance.

Sergej Zoubok
sqz1909@acfcluster.nyu.edu

1038. RS vs BC

Newsgroup: rec.radio.scanner
Date: 1994-02-14 03:06:34 UTC
From: drr1@nauvax.ucc.nau.edu
Message-ID: <14FEB94.03063477@nauvax.ucc.nau.edu>
Source record: 277146

What's the difference between BearCat and Radio Shack scanners, it seems to me that the BC's are quite a bit cheaper. Maybe I'm not looking at all the features. Can anyone help? Thanks.

1039. PRO2021 MODs

Newsgroup: rec.radio.scanner
Date: 1994-02-14 03:55:59 UTC
From: jpk1929@TAMUTS.TAMU.EDU
Message-ID: <2jmsof$k0m@TAMUTS.TAMU.EDU>
Source record: 277147

I am looking for any mods for the PRO2021. Please email replys to
jpk1929@zeus.tamu.edu

thanks
jk

1040. Re: Pro-43 and 108-118 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-02-14 06:25:45 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb14.012545.1@uoft02.utoledo.edu>
Source record: 277148

In article <me30400-130294183934@dialup-1-75.gw.umn.edu>, me30400@maroon.tc.umn.edu (me30400) writes:
>>
>> I just got a Pro-43 a week or so ago, and have been very pleased with it. The
>> only complaint I've got is that it goes through batteries as fast as my 2 meter
>> HT transceiver -- maybe faster than the 2 meter rig does on one watt. If you
>> are familiar with battery life in ANY other radio receiver, you'll be amazed.
>>
>> What's nice is that they have a connection so that you can charge a NiCad
>> battery while the scanner is one. (That should have been "the NiCad batteries"
>> since there are several of them.) Buy an AC adaptor and leave it plugged in,
>> but don't plan on spending a lot of time operating the scanner off of batteries.
>> Lee/KE3FB in Md.
>
> I just bought a Pro-43 and am very pleased also. Just wondering, how long
> is the battery life for NiCad's vs. Alakine? I just bought some NiCads
> today and they're charging up right now. It sounds like I made the right
> decision.
>
> -- Steve
--
Steve,I,and most everyone I know with a 43 gets approx.6-7 hours on a set of Nicads(std capacity)searching 800mhz exclusively.The life is longer if you are on 500mhz and lower.I get about 25-30 hours of intermittent use on alkalines with the volume fairly loud.BTW,if you buy extra batt clips,make sure there is 100% continuity beween the cells,I had one and I've heard of a couple of other people having problems with bad connections.If you have a pack that gets pretty warm,you probably have this problem.It will drop the voltage down at the terminals on the pack by about 1.0-1.5 volts and get hot after a few minutes use.I found mine by accident.I marked the batts to keep the sets straight and one day I was running the 43,and after a few minutes I took out the pack to see whitch ones were in it and the pack was hot!After checking things out,I finally figured out the clip was not right.A little crimping and that cured it.I only use this pack with NICADS,so if it goes bad again,I wont waste alkalines(besides,they really got it hot quick!).You did make the right choice buying a 43.

Bary Felstein,N8PVX,using the acct of:
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)

* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1041. Re: question about scanners

Newsgroup: rec.radio.scanner
Date: 1994-02-14 08:08:47 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb14.080847.24352@hpcvaac.cv.hp.com>
Source record: 277149

David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:
:
: Other illegal activities -
:
: 3) Monitoring mobile telephones, one-way paging, studio-transmitter
: links, broadcast remotes and certain other services.
: 4) Monitoring cordless phones in California, Oregon and New York.

As far as I know, there is no law against monitoring cordless phones in Oregon. I have no idea about New York. The California law has not been tested on appeal - I am not sure if there have even been any original prosecutions.

: 5) Unscrambling encrypted communications.

This is definitely illegal, although it probably shouldn't be.

Bill

1042. Re: Viewing Webersat TV signals

Newsgroup: rec.radio.scanner
Date: 1994-02-14 08:12:49 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb14.081249.24427@hpcvaac.cv.hp.com>
Source record: 277150

tweek@netcom.com (Michael D. Maxfield) writes:
: In article <1994Feb10.010736.18064@hpcvaac.cv.hp.com> posted to the Usenet Newsgroup(s)
: >
: >There is not any ham band there. The frequency for Ch 59 is 433.25 MHz, with
: >Ch 60 the normal 6 MHz higher.
:
: Sorry Bill, but the ham band runs from 420mhz to 450 mhz. Many blocks
: of frequencies in this segment are restricted near international borders and
: near radio-telescope installations, but for the most part, in the US, it is
: the ham band.

Yeah, I should have double checked my memory before posting. I would have
posted a correction earlier, but this is the first chance I have had to get
back to this group.

Sorry for the misinformation.

Bill

1043. Re: Viewing Webersat TV signals

Newsgroup: rec.radio.scanner
Date: 1994-02-14 08:14:34 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb14.081434.24491@hpcvaac.cv.hp.com>
Source record: 277151

tweek@netcom.com (Michael D. Maxfield) writes:
: >: There is not any ham band there. The frequency for Ch 59 is 433.25 MHz, with
: >: Ch 60 the normal 6 MHz higher.
: >
: >This is wrong, unless the band has been removed since 1983. 433 MHz is in the
: >middle of one of the UHF Ham bands.
:
: Now I'm confused. (Aughh... it's your fault Bill ;-)) What are you
: saying. (that's what I'm confused about)
:
: WeberSat, I assume (haven't heard about it except for here) is a HAM
: experimental satelite.
:
: Cable Frequencies ARE in the middle of Ham bands, Aeronatical Bands,
: Public Safety bands and commercial bands. As long as they keep their
: signal inside the cable, no problem.

Yeah, I was wrong. They say it comes with getting older.

Bill

1044. Re: Viewing Webersat TV signals

Newsgroup: rec.radio.scanner
Date: 1994-02-14 08:15:59 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb14.081559.24557@hpcvaac.cv.hp.com>
Source record: 277152

David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:
: > From: billn@hpcvaac.cv.hp.com (bill nelson)
: > Organization: Hewlett-Packard Company, Corvallis, Oregon USA
:
: > There is not any ham band there. The frequency for Ch 59 is 433.25
: > MHz, with Ch 60 the normal 6 MHz higher.
:
: The full 70cm ham band runs from 430 to 450 MHz. Portions of that band
: are restricted near the US-Canadian border. The nationwide common ATV video
: frequency is 439.250 MHz.

As several people have reminded me. Guess I need to get up on UHF a bit more.

Bill

1045. Re: cellular mod for BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-02-14 08:21:31 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb14.082131.24625@hpcvaac.cv.hp.com>
Source record: 277153

schuster@panix.com (Michael Schuster) writes:
: In article <1994Feb11.003940.10585@hpcvaac.cv.hp.com>,
: bill nelson <billn@hpcvaac.cv.hp.com> wrote:
: >sdsst4+@pitt.edu (Scott D Schneider) writes:
: >: Where can I get information on modifying the BC200XLT to pickup the
: >: Cellular band?
: >
: >You cannot receive the band properly - the BC200 (like most Bearcats)
: >scans the band in 12.5 MHz steps. This does not match up with the cellular
: >30 MHz spacing, so you will not receive some of the channels, and others
: >will be weak/distorted.
:
: It's 30 KHz, not MHz.

Yeah, that was a typo.

Also, the posting is not accurate in another way. If the signals are strong,
then the Bearcat should receive cellular fine. The problems will only occur
with weak signals.

Bill

1046. Looking for freq's

Newsgroup: rec.radio.scanner
Date: 1994-02-14 09:42:42 UTC
From: jeffrey_p_wendt@jplpost.jpl.nasa.gov
Message-ID: <jeffrey_p_wendt.15.0009B67B@jplpost.jpl.nasa.gov>
Source record: 277163

I am trying to find the freq's for the "Montclair Plaza" security thugs. The mall is in the city of Montclair Calif in SoCal.

Thanks in advance,

JPW

1047. Hynes / Network Expo

Newsgroup: rec.radio.scanner
Date: 1994-02-14 14:08:20 UTC
From: marv@netcom.com
Message-ID: <marvCL7wLw.7I8@netcom.com>
Source record: 277154
Cross-posted to: rec.radio.scanner,alt.radio.scanner

If anyone can relay out the freqs in use by the Hynes Convention Ctr.
Operations people for Network Expo, I'd be thoroughly grateful.

It seems to be private security and they're all using Motorola
radio equipment. I've been able to look at a few of the walkie-talkies and
there are no freqs displayed on them.

Help. Help, help!

Thanks!

-marvin

--
Marvin Raab Mountain View, CA 94040
marv@netcom.com (415) 961-6501 (h)

1048. Your Diode Ant. Switch

Newsgroup: rec.radio.scanner
Date: 1994-02-14 15:04:00 UTC
From: Brad.White@f239.n109.z1.fidonet.org
Message-ID: <19e_9402141254@blkcat.fidonet.org>
Source record: 277155

Bill,

I've got a question for you relating to your antenna diode switch which you detailed in the V2N10 issue of WSR. My question also relates to your discussion of multiple antenna switching in the Pro-2004/5/6 in the second volume of your book.

I want to experiment with internally installing the switch you outlined in WSR in my 2004 and let the scanner automatically switch the antennas. Since the application of +5VDC is the key to switching antenna inputs, I would like to know if there is any reason I cannot take that 5VDC from the collector of Q501 - Q507 (depending of course on the frequency range of interest).

My main question is whether the current draw of the antenna switch is high enough to have an adverse affect on the operation of the scanner? If so, I'll have to use one of your switching circuits.

My second question is whether you perceive any other problems which may preclude this setup from operating properly?

Thanks for the help!

Brad
***
* SLMR 2.1a *

1049. 3 letter airport codes?

Newsgroup: rec.radio.scanner
Date: 1994-02-14 15:33:52 UTC
From: ve4kwg@draco.bison.mb.ca
Message-ID: <1994Feb14.153352.25639@draco.bison.mb.ca>
Source record: 277156

I'm looking for a copy of a list of the three letter codes used for
Airports. Any information would be a help.

Thanks,
--->Kevin Galaugher

1050. Re: 700a SCANNER AND 800 MHZ

Newsgroup: rec.radio.scanner
Date: 1994-02-14 15:45:02 UTC
From: bmiller@landesk.intel.com
Message-ID: <2jo69u$gvk@ornews.intel.com>
Source record: 277157

In article <1994Feb12.050745.698@vax1.mankato.msus.edu> dj1@vax1.mankato.msus.edu (SEAN R. STEPANEK) writes:
>Hello, I was looking at a Bearcat 700A 800Mhz scanner. I see that the cellular
>is locked out but I thought that maybe somebody would know if it is restorable
>or not. Thanks.
>
>dj1@vax1.mankato.msus.edu
>
>
>

Subject: Bearcat/Uniden 700A Mods
From: N8CDX@WB8ZPN.#SEMI.MI.USA.NA

CELLULAR RESTORATION:

1. Remove the screws holding the case halves; separate them using
care to unplug the speaker lead.

2. Turn the scanner upside-down with the face away from you.

3. Remove the two side screws holding the faceplate; tilt it
forward.

4. Find the transparent cable. Using a jewelers screwdriver;
CAREFULLY pry up and unplug the cable so that the faceplat can
be tilted fully forward.

5. Locate the copper/plastic shield under the faceplate; unsolder
and remove it.

6. Remove the resistor marked "472"

7. This complete the modification. Plug the cable back in place
and test the scanner by entering 870.000 (channel spacing will
be 12.5 kHz; not 30 kHz.

8. Reassemble the scanner.

Note: I have not verified this modification. Proceed at your own
risk.
--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1051. Re: new questions (or perhaps old news) about batteries...

Newsgroup: rec.radio.scanner
Date: 1994-02-14 15:54:34 UTC
From: bmiller@landesk.intel.com
Message-ID: <2jo6rq$hep@ornews.intel.com>
Source record: 277158
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <2jm2sr$emn@news.u.washington.edu> surreal@u.washington.edu (Don't Finger Me) writes:
>Recently I've bought a Pro-43, a bunch of alkeline batteries,
>six eveready rechargable batteries, and a 9v 300mA adapter.
>Funny how a scanner on sale quickly jumps to $350 with the
>"options"
>Anyway, after changing and charging and changing and charging,
>a couple questions came to mind:
>
>What's the trick to getting the most out of nic-cad rechargable
>batteries?
>
>Has anyone tried/had experience with the "new" RENEWAL alkeline
>rechargable batteries? Is it worth the extra $$?
>
>I've also seen a gizmo at Price/Costco that "claims" to recharge
>regular-joe alkeline batteries like Energizers, Duracell, etc...
>I don't remember the brand name. has anyone tried this route?
>Is it the same thing as the RENEWAL, under a different cover?
>I don't know about you, but I have terrible childhood memories
>of opening the battery compartment of my favorite toys, only to find
>leaking batteries. I can't bring myself to insert recharged
>alkeline batteries in my new toys.
>
>a reply via news *and* email most appreciated.
>
>Surreal@u.washington.edu
>
>******
>
>i warned you....
>

Review of the SUPER CHARGER Alkaline battery re-charger

You may have seen the info-mercial on TV staring Dick Clarke, which advertises a product called Super Charger, by Buddy L. It claims that this charger will recharge ordinary, alkaline batteries, such as Eveready, Duracell etc. The product is not related to Rayovac's new rechargeable alkaline system.

I ordered the portable model 8001 in early July, and it arrived in late October. I have heard much debate over whether alkaline chemistry can be recharged, and I was very skeptical about this

product. It cost around $40.

Construction:
The device is made in China. It appears to be fairly well made. It has a switch on the side to select either Alkaline or NiCad charging. I opened the unit up and found a 28-pin custom IC, that bears the name of Buddy L. There are some other common passive components and 4 transistors. There are 4 LEDs on the unit to tell you when each battery is finished charging ON = charging, SLOW BLINK = done FAST BLINK = battery can't be recharged

The charging scheme seems to be constant current at 14 mA. No AC component was observed on the DC output.

HOW DOES IT WORK?
TEST #1
My first test was to take some slightly used AA Energizer batteries with a starting no-load voltage of 1.4v. I put these in a 2-cell flashlight and ran it for 1 hour. The resting no-load voltage was now 1.23v. I put them in the charger and charged them up. One of cells stoped charging after 30 minutes, while the other took over an hour. The final no-load voltage of the 2 "recharged" cells was 1.27v for one of the cells and 1.33v for the other. Recharging the cells a second time did not raise the voltage any. In fact, it caused one of the cells to drop in voltage. The manual says that 1 hour in a flashlight is a pretty heavy drain, but the batteries could last "0 to 2 times longer". So maybe my test was too tough for the charger. I think the increased voltage after the charge may be no more than the natural recovery process of the batteries.

TEST #2
I took 2 AA Energizer Alkaline batteries with an initial voltage of 1.59 v. each, and placed them in my Sony portable CD player. The manual states that the batteries should last 5-8 times as long if I recharge them after each 1 hour of use. After 1 hour in the CD player they each measured 1.39v. I also put another set of batteries in the CD player and ran them for 1 hour. This second set is my control set. Instead of recharging the control set, I just let them recover on their own, for the same time as the other cells took to recharge. I repeated this process until the batteries were dead.

(all batteries were from same mfg. lot)

(recharge) (self-recovery)
Super Charger set Control Set
Fresh Batteries . . . . . 1.59 v. 1.59 v.
After 1 Hr. in CD player. . . . 1.39 v. 1.37 v.
Recharge/self-recovery (55 min) 1.44 v. 1.43 v.
Second hour in CD player. . . . 1.30 v. 1.30 v.
Recharge/self-recovery (200min) 1.44 v. 1.40 v.
Third hour in CD player . . . . 1.27 v. 1.25 v.
Recharge/self-recovery.(20 min) 1.33 v. 1.33 v.

Fourth hour in CD player. . . . 1.26 v. 1.26 v.
Recharge/self-recovery.(120min) 1.35 v. 1.34 v.
Fifth hour in CD player . . . . 1.21 v. 1.18 v.
Recharge/self-recovery.(125min) 1.33 v. 1.31 v.
Sixth hour in CD player . . . . 25 min (died) 14 min (died)
Recharge/self-recovery.(120min) 1.30 v. 1.29 v.
last run in CD player . . . . . 8 min (died) 6 min (died)

THE BOTTOM LINE
Send it back! As you can see, the charger made no real difference in how long the batteries lasted. Alkaline batteries normally go up in voltage slightly when they are taken out of use (load removed). It seems that this Super Charger does nothing that the batteries won't do by themselves. Battery operated devices are normally used for portable applications. If you follow the manual, you would need to remove the batteries every few hours (or every 15 minutes for some devices) and recharge them! The inconveniance of this makes using the Super Charger a real waste of time (not to mention trying to keep track of how long you run each battery operated device). I did not test this for Nicads. $40 for a NiCad charger is a bit steep.

Please distribute to expose this fraud

Brett Miller N7OLQ @ N6LDL.#NOCAL.CA.USA.NA

I wrote this review a while ago. I would be interested to find out if anyone has conducted similar controlled tests with this device. Since I only had one unit, I can't totally rule out the possibility of a bad unit.

Sorry about all the ^M characters. When I go from DOS to UNIX funny things can happen.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1052. Pro-2030 mods?

Newsgroup: rec.radio.scanner
Date: 1994-02-14 16:05:30 UTC
From: wolit@cbnewsm.cb.att.com
Message-ID: <CL821F.8L6@cbnewsm.cb.att.com>
Source record: 277159

I would appreciate any information on modifications to the
Radio Shack Pro-2030 scanner for reception of cellular phone bands.

Pardon me if this has been posted before, but I was unable to find an
FAQ for this group. Is there an archive site on the Net?

--
Jan Wolitzky, AT&T Bell Labs, Murray Hill, NJ; 908 582-2998
att!library!wolit or jan.wolitzky@att.com
(Affiliation given for identification purposes only)
Quidquid latine dictum sit, altum viditur.

1053. Norwegian scanner users!

Newsgroup: rec.radio.scanner
Date: 1994-02-14 16:37:41 UTC
From: an15645@anon.penet.fi
Message-ID: <164303Z14021994@anon.penet.fi>
Source record: 277160
Cross-posted to: alt.radio.scanner,rec.radio.scanner

If there are any norwegian scanner owners here who wants to exchange
information about frequencies etc, contact me!

Email: an15645@anon.penet.fi

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

1054. PRO-2006 FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-02-14 16:46:35 UTC
From: Mike Ellerson <mellerso@uga.cc.uga.edu>
Message-ID: <2jo9tb$5vo@hobbes.cc.uga.edu>
Source record: 277161

For Sale - PRO-2006 Scanner

One owner and in excellent condition ! The radio is 1 year old and has
been used very little. I have the box and manual. The reason for selling
is acquire some additional ham radio gear.

Price $3□25.00 FIRM and buyer pays shipping.

If interested please contact me via email.

Thanks in advance.

73 de KE4EOQ

1055. WANTED AR 3000 A

Newsgroup: rec.radio.scanner
Date: 1994-02-14 17:25:00 UTC
From: Scott.Snyder@f239.n109.z1.fidonet.org
Message-ID: <1a3_9402141435@blkcat.fidonet.org>
Source record: 277162

WANTED WANTED WANTED

I'm looking for a used AR 3000 A. If you've got one, call me at
(703) 816-7823. Cash ready to Buy!

1056. Whatever happened to.....

Newsgroup: rec.radio.scanner
Date: 1994-02-14 18:35:30 UTC
From: djw@unlinfo.unl.edu
Message-ID: <2jog9i$h2u@crcnis1.unl.edu>
Source record: 277164

Whatever happened to U.S. Scanner News and "Bob's Publications?
I used to get the magazine sorta irregularly and I think I sent
in my renewal and then stopped hearing from them [:<.....
Are they still around???
djw@unlinfo.unl.edu

1057. Re: help w/ celworld

Newsgroup: rec.radio.scanner
Date: 1994-02-14 20:38:45 UTC
From: g5g192@rick.cs.ubc.ca
Message-ID: <2jongl$obk@cs.ubc.ca>
Source record: 277165

>: Could someone please send me a copy of the cellular world document (that
>: was recently posted here) via email. I am having problems unencoding it.

>: thanks, Frank

>I've uudecoded it but get errors unzipping it. That anonymous poster is
>probably laughing his (her) carcass off at us. I think anonymous origins
>are going to end up in my kill file!

Actually, the file IS a good file. I decoded it, and unzipped it,
and it had a bit of good info in it... If you want, I can mail it
to you. Just reply. ttul!

1058. Indianapolis freqs wanted

Newsgroup: rec.radio.scanner
Date: 1994-02-14 20:44:55 UTC
From: scott@redstorm.nawc-ad-indy.navy.mil
Message-ID: <9402142044.AA27291@cs.utexas.edu>
Source record: 277166
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does anyone have any good frequencies for Indianapolis, Indiana and the surrounding area. I already have what's in Police Call and was looking for others such as the Hoosier Dome, Market Square Arena, area malls, etc. Thanks in advance.

| Scott Richardson |
| scott@redstorm.nawc-ad-indy.navy.mil |
| 72237.2420@compuserve.com |

1059. Re: question about scanners

Newsgroup: rec.radio.scanner
Date: 1994-02-14 20:45:06 UTC
From: slush@VOA.GOV
Message-ID: <CL8Ez7.Iqo@VOA.GOV>
Source record: 277167

A thread has been asking....
> >>3--What are the bands for police, specifically?
> Police frequencies are mainly licensed in the Police Radio Service, with
>some PDs also having access to Local Government Radio Service frex.
>
I found a file the other day on a FTP server, and pulled the following
from it. Can't vouch for the accuracy of the data, though.

37.020 Police mobile
37.040 Police
37.060 Police
37.080 Police
37.100 Police/Public Service
37.120 Police
37.140 Police
37.160 Police
37.180 Police/Public Service
37.200 Police
37.220 Police
37.240 Police
37.260 Police/Public Service
37.280 Police
37.300 Police
37.300 Police
37.320 Police
37.340 Police
37.360 Police
37.380 Police mobile
37.420 Police mobile
39.020 Police
39.040 Police
39.060 Police/Public Service
39.080 Police
39.100 Police/Public Service
39.120 Police
39.140 Police
39.160 Police
39.180 Police/Public Service
39.200 Police
39.220 Police
39.240 Police
39.260 Police mobile
39.280 Police
39.300 Police mobile

39.320 Police
39.340 Police mobile
39.360 Police
39.380 Police mobile
39.400 Police
39.420 Police
39.440 Police
39.460 Police
39.480 Police
39.500 Police/Public Service
39.520 Police
39.540 Police
39.560 Police
39.580 Police/Public Service
39.600 Police
39.620 Police
39.640 Police
39.660 Police mobile
39.680 Police
39.700 Police mobile
39.720 Police
39.740 Police mobile
39.760 Police
39.780 Police mobile
39.800 Police
39.820 Police/Public Service
39.840 Police
39.860 Police
39.880 Police
39.900 Police/Public Service
39.920 Police
39.940 Police
39.960 Police
39.980 Police/Public Service
42.020 Police
42.040 Police
42.060 Police
42.080 Police
42.100 Police
42.120 Police
42.140 Police
42.160 Police
42.180 Police Mobile
42.200 Police Mobile
42.220 Police Mobile
42.240 Police Mobile
42.260 Police Mobile
42.280 Police Mobile
42.300 Police Mobile
42.320 Police

42.340 Police
42.360 Police
42.380 Police
42.400 Police
42.420 Police
42.440 Police
42.460 Police
42.480 Police
42.500 Police
42.520 Police
42.540 Police
42.560 Police
42.580 Police
42.600 Police
42.620 Police
42.640 Police
42.660 Police Mobile
42.680 Police Mobile
42.700 Police Mobile
42.720 Police Mobile
42.740 Police Mobile
42.760 Police Mobile
42.780 Police
42.800 Police
42.820 Police
42.840 Police
42.860 Police
42.880 Police
42.900 Police
42.920 Police
42.940 Police
44.620 Police
44.660 Police
44.700 Police
44.740 Police
44.780 Police
44.820 Police
44.860 Police
44.900 Police
44.940 Police
44.980 Police
45.020 Police
45.060 Police
45.100 Police
45.140 Police
45.180 Police
45.220 Police
45.260 Police
45.300 Police
45.340 Police

45.380 Police
45.420 Police
45.460 Police
45.500 Police
45.540 Police
45.580 Police
45.620 Police
45.660 Police
45.700 Police
45.740 Police mobile
45.780 Police mobile
45.820 Police mobile
45.860 Police/IntSys
45.900 Police
45.940 Police
45.980 Police
46.020 Police
154.650 Police Mobile
154.665 State Police
154.680 State Police
154.695 State Police
154.710 Police Mobile
154.725 Police
154.740 Police
154.755 Police
154.770 Police Mobile
154.785 Police
154.800 Police
154.815 Police
154.830 Police Mobile
154.845 Police
154.860 Police
154.875 Police
154.890 Police Mobile
154.905 State Police
154.920 State Police
154.935 State Police
154.950 Police Mobile
155.010 Police
155.070 Police
155.130 Police
155.190 Police
155.250 Police
155.310 Police
155.370 Police
155.415 Police
155.430 Police
155.445 State Police
155.460 State Police
155.475 Police-IntSys

155.490 Police
155.505 State Police
155.520 Police
155.535 Police
155.550 Police
155.565 Police
155.580 Police
155.595 Police
155.610 Police
155.625 Police
155.640 Police
155.655 Police
155.670 Police
155.685 Police
155.700 Police
155.730 Police
155.790 Police
155.850 Police Mobile
155.910 Police Mobile
155.970 Police Mobile
156.030 Police Mobile
156.090 Police Mobile
156.150 Police Mobile
156.210 Police
158.730 Police
158.790 Police
158.850 Police
158.910 Police
158.970 Police
159.030 Police
159.090 Police
159.150 Police
159.210 Police
460.000 Police
460.025 Police
460.050 Police
460.075 Police
460.100 Police
460.125 Police
460.150 Police
460.175 Police
460.200 Police
460.225 Police
460.250 Police
460.275 Police
460.300 Police
460.325 Police
460.350 Police
460.375 Police
460.400 Police

460.425 Police
460.450 Police
460.475 Police
460.500 Police
465.000 Police
465.025 Police
465.050 Police
465.075 Police
465.100 Police
465.125 Police
465.150 Police
465.175 Police
465.200 Police
465.225 Police
465.250 Police
465.275 Police
465.300 Police
465.325 Police
465.350 Police
465.375 Police
465.400 Police
465.425 Police
465.450 Police
465.475 Police
465.500 Police
1427.000 - 1429.000 Land Mobile - Police, Fire, Forestry, R/R

BTW, the server for anonymous FTP was ftp.tu-clausthal.de
in /pub/specials.

Hope this list helps.

Joe (slush@voa.gov) standard disclaimer blah, blah, blah.

1060. Re: Whatever happened to.....

Newsgroup: rec.radio.scanner
Date: 1994-02-14 21:00:23 UTC
From: msaran@pt.olympus.net
Message-ID: <2joop7$c21@olympus.net>
Source record: 277168

I heard that they were going to re-start publication sometime soon -
and that some kink of reorganization has taken place. I enjoyed the
issues most of the time and look forward to it's return.

daniel wright (djw@unlinfo.unl.edu) wrote:
: Whatever happened to U.S. Scanner News and "Bob's Publications?
: I used to get the magazine sorta irregularly and I think I sent
: in my renewal and then stopped hearing from them [:<.....
: Are they still around???
: djw@unlinfo.unl.edu

--
Mark Saran
msaran@pt.olympus.net

1061. Re: Whatever happened to.....

Newsgroup: rec.radio.scanner
Date: 1994-02-14 21:38:54 UTC
From: bmiller@landesk.intel.com
Message-ID: <2jor1e$5hf@ornews.intel.com>
Source record: 277169

In article <2jog9i$h2u@crcnis1.unl.edu> djw@unlinfo.unl.edu (daniel wright) writes:
> Whatever happened to U.S. Scanner News and "Bob's Publications?
> I used to get the magazine sorta irregularly and I think I sent
> in my renewal and then stopped hearing from them [:<.....
> Are they still around???
> djw@unlinfo.unl.edu
>

Well, I don't know for sure what happened to them, but I subscribed for
several years and enjoyed the publication very much. I noticed that each
issue would be thinner than the last. They didn't have to many regular
advertisers either. Without circulation numbers, advertisers don't
advertise. My guess is that they may have thrown in the towel. Anyone
know for sure?

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1062. Re: Cordless tel monitoring the right way

Newsgroup: rec.radio.scanner
Date: 1994-02-14 23:46:38 UTC
From: O1EVERT@VM1.CC.UAKRON.EDU
Message-ID: <16F5D10815S86.O1EVERT@VM1.CC.UAKRON.EDU>
Source record: 277170

In article <2jh04lINNq8j@dns1.NMSU.Edu>
tharrell@nmsu.edu (Thomas J. Harrell) writes:

>Jim Hansen (hansen@next1.scri.fsu.edu) wrote:
>: Let's face it. You spend $600 on a good scanner, hoping
>: to get in on the real meat and potatos of the freq range,
>: 46-49 and soon 900Mhz, are a source of awsome info. But did
>: you know 99.9% of scanners can hardly pick up the 46-49Mhz
>: range? Well if you enjoy, or would like to find out better
>: info on how to do this, use what was engineered to operate
>: in this range, the handset!
>: I bought a Sony SPP-70 just for this purpose. It has
>: all 10 channels and you can surf through them with the press
>: of a button. To monitor, just get to your channel, unplug the
>: phone cord first, then the power. You'll get great range,
>: and if you do freelance P.I. work like I do, you can take
>: it on the road provided you have the correct 12V adaptor for
>: your car.
>: I have compared it to all my scanners and the handset
>: takes the cake.
>
>I don't know, but my old pro-38 with the $10 whip is a hell of a lot more
>sensitive than my at&t's handset! I have a hard time believing that the
>puny antennas that come on most handsets would do that well, especially
>from inside a car. My wife's Festiva is set up to use the radio antenna
>for the scanner, and even THAT is more sensitive than the rubber duckies
>(which suck on VHF-lo anyway). Methinks you should have gone with a
>better scanner antenna instead of a phone, but hey, if it works for you
>then I guess it's okay.
>
>Happy investigating!
>
I've had good luck with a 3 foot piece of wire and an alligator clip on the
antenna of my Bearcat 800XLT to help my cordless reception. Just clip it
to the top of the antenna! For scanners that have rubber duckies - get a
second telescopic antenna (6 sections or so) and use this fully extended.

1063. Introduction to Blacknet

Newsgroup: rec.radio.scanner
Date: 1994-02-15 01:22:31 UTC
From: nowhere@bsu-cs.bsu.edu
Message-ID: <9402151122.AA00700@bsu-cs.bsu.edu>
Source record: 277171

Introduction to BlackNet

Your name has come to our attention. We have reason to believe you may be interested in the products and services our new organization, BlackNet, has to offer.

BlackNet is in the business of buying, selling, trading, and otherwise dealing with *information* in all its many forms.

We buy and sell information using public key cryptosystems with essentially perfect security for our customers. Unless you tell us who you are (please don't!) or inadvertently reveal information which provides clues, we have no way of identifying you, nor you us.

Our location in physical space is unimportant. Our location in cyberspace is all that matters. Our primary address is the PGP key location: "BlackNet<nowhere@cyberspace.nil>" and we can be contacted (preferably through a chain of anonymous remailers) by encrypting a message to our public key (contained below) and depositing this message in one of the several locations in cyberspace we monitor. Currently, we monitor the following location: the "Cypherpunks" mailing list (cypherpunks@toad.com).

BlackNet is nominally nondideological, but considers nation-states, export laws, patent laws, national security considerations and the like to be relics of the pre-cyberspace era. Export and patent laws are often used to explicity project national power and imperialist, colonialist state fascism. BlackNet believes it is solely the responsibility of a secret holder to keep that secret--not the responsibilty of the State, or of us, or of anyone else who may come into possession of that secret. If a secret's worth having, it's worth protecting.

BlackNet is currently building its information inventory. We are interested in information in the following areas, though any other juicy stuff is always welcome. "If you think it's valuable, offer it to us first."

- trade secrets, processes, production methods (esp. in semiconductors)
- nanotechnology and related techniques (esp. the Merkle sleeve bearing)
- chemical manufacturing and rational drug design (esp. fullerines and protein folding)
- new product plans, from children's toys to cruise missiles (anything on "3DO"?)
- business intelligence, mergers, buyouts, rumors

BlackNet can make anonymous deposits to the bank account of your choice, where local banking laws permit, can mail cash directly (you assume the risk of theft or seizure), or can credit you in "CryptoCredits," the internal currency of BlackNet (which you then might use to buy _other_

information and have it encrypted to your special public key and posted in public place).

If you are interested, do NOT attempt to contact us directly (you'll be wasting your time), and do NOT post anything that contains your name, your e-mail address, etc. Rather, compose your message, encrypt it with the public key of BlackNet (included below), and use an anonymous remailer chain of one or more links to post this encrypted, anonymized message in one of the locations listed (more will be added later). Be sure to describe what you are selling, what value you think it has, your payment terms, and, of course, a special public key (NOT the one you use in your ordinary business, of course!) that we can use to get back in touch with you. Then watch the same public spaces for a reply.

(With these remailers, local PGP encryption within the remailers, the use of special public keys, and the public postings of the encrypted messages, a secure, two-way, untraceable, and fully anonymous channel has been opened between the customer and BlackNet. This is the key to BlackNet.)

A more complete tutorial on using BlackNet will soon appear, in plaintext form, in certain locations in cyberspace.

Join us in this revolutionary--and profitable--venture.

BlackNet<nowhere@cyberspace.nil>

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.2

mQA9Ai1bN6oAAAEBgM98haqmu+pqkoqkr95iMmBTNgb+iL54kUJCoBSOrT0Rqsmz
KHcVaQ+p4vLIWlrRawAFEbQgQmxhY2tOZXQ8bm93aGVyZUBjeWJlcnNwYWNlLm5p
bD4=
=yOMI
-----END PGP PUBLIC KEY BLOCK-----

1064. Washington DC Freq?

Newsgroup: rec.radio.scanner
Date: 1994-02-15 01:47:25 UTC
From: jperlman@k12.ucs.umass.edu
Message-ID: <1994Feb15.014725.20523@k12.ucs.umass.edu>
Source record: 277172

I am looking for a list or book of Washington, D,C. Frequencies
because I am planning on visiting there In April. Please email
me with replies because I do not read this newsgroup very often.
Thanx in advance!!!
Jeff
--
Jeff Perlman jperlman@k12.usc.umass.edu
Peace is better than anything ever discovered/invented by man,
and if we ever discover peace, whether it be world or on a small
scale, eternal or only for a second, I will be happy.

1065. Reviews & experience with Road Runner AR880 ?.

Newsgroup: rec.radio.scanner
Date: 1994-02-15 01:48:41 UTC
From: andrew@Deakin.Edu.Au
Message-ID: <2jp9lp$mpc@sol.ccs.deakin.edu.au>
Source record: 277173
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I'm thinking of buying a Road Runner AR880 has anyone seen a review or got any good/bad experience with this model ?.
Thank You.
Andrew (andrew@deakin.edu.au)
--
Andrew Cerasuolo The above comments are mine solely and not that
Faculty of Science Workshop of Deakin University.
Deakin University
Vic 3217, Australia andrew@deakin.edu.au

1066. Re: help w/ celworld

Newsgroup: rec.radio.scanner
Date: 1994-02-15 01:59:00 UTC
From: marc.tebeka@spacebbs.com
Message-ID: <6.3688.1585.0NAE8494@spacebbs.com>
Source record: 277174

Could you email a copy of Cellular world to me also?

Thank you,

Marc

1067. CTCSS finding scanners?

Newsgroup: rec.radio.scanner
Date: 1994-02-15 02:23:29 UTC
From: pthompson@walnut.prs.k12.nj.us
Message-ID: <1994Feb14.222329.628602@walnut.prs.k12.nj.us>
Source record: 277025

I am curious if there are scanners out there that can FIND CTCSS and digital squelch control signals. I own a Bearcat 760 which can decode the tones, but do any have BUILT IN capabilities to determine these tones? Dean McDermott pointed out the products sold by Automated Industrial Electronics Corp- they'll do the trick if I own a high end Radio Shack scanner, in fact, the TCF-4 will decode tone and digital squelch controls and let the scanner use them- a very nice combination. The downside is the $700 or so for the combination.

Is there anything else out there that I should look into before spending that kind of money? The AIE products look really nice, and I'll probably go with one if I don't hear otherwise.

==========
Peter C. Thompson Phone: 609-683-4480
District Technical Coordinator Fax: 609-683-8622
Princeton Regional Schools pct@walnut.prs.k12.nj.us

1068. PRO-43 Battery Life (followup)

Newsgroup: rec.radio.scanner
Date: 1994-02-15 03:39:16 UTC
From: lriggins@afit.af.mil
Message-ID: <lriggins.761283556@afit.af.mil>
Source record: 277026

In a previous msg, I wrote:
>Leland Van Koten <leevankoten@delphi.com> writes:
>>I just got a Pro-43 a week or so ago, and have been very pleased with it. The
>>only complaint I've got is that it goes through batteries as fast as my 2 meter
>>HT transceiver -- maybe faster than the 2 meter rig does on one watt. If you
>>are familiar with battery life in ANY other radio receiver, you'll be amazed.

>I just got mine last week. I got close to 30 hours on the first set of
>Energizers and over 20 on the second set before replacing them with nicads
>(they were still going, and going... :-). I'm not too familiar with radio
>receiver battery life, but is this bad?
>
>>What's nice is that they have a connection so that you can charge a NiCad
>>battery while the scanner is on. (That should have been "the NiCad batteries"
>>since there are several of them.) Buy an AC adaptor and leave it plugged in,
>>but don't plan on spending a lot of time operating the scanner off of batteries.

>I put RS's 850ma/hr nicad's in a couple of days ago and got around 7-8 hours
>after an initial charge of about 14 hours (I really wasn't counting).
>Unlike the alkalines which go for quite some time after the display starts
>flashing with the warning beep, the nicads go within a minute or so... not
>much warning, but that's pretty much typical of nicad discharge. I got the
>AC adapter/charger as well as the DC plug for the truck, so it's pretty easy
>to keep the nicads charged up, but I do intend to let them discharge fully on
>a regular basis. I suspect battery life (and charge time while listening)
>depends A LOT on how often and long it breaks squelch and how loud you have
>it turned up.

Well, I was counting today... 12 hours and 18 minutes. But that was after
24+ hours of charging (discharge details follow). The PRO-42 manual cites
a charge time of 14-18 hours, but the batteries said 14 hours, so that's
all I gave it on the first time. The PRO-43 manual also states that
the discharge rate when squelched (I assume that's just scanning with no
audio) is 85mA (this model does have a power saver mode that cuts use to
30% of normal if you are squelched (for over 1 minute if I remember) while
manually on one channel, but I wasn't using it in today's test... it was
all scanning). When I went to buy nicads, RS had regular 550mA/hr and
high capacity 850mA/hr (I know capacity is usually expressed as current/time
at a specified discharge rate, which RS doesn't publish). Using the RS
data, I assumed the best possible life would be 550/85=6.5 hours and
850/85=10 hours respectively, assuming squelch was never broken to let the
audio amp consume power. So I went with the 850's hoping for 7-8 hours in
normal use as opposed to what I guessed would be 4-5 with standards (and the
850's were only $1.30/pair more).

Today's use looked like this:

```
Time Used Hours Used Audio
--------- ---------- ----------------------------------------
0730-0900 1.50 Heavy morning traffic... constant audio
(turned up loud in my truck w/mud tires)
1000-1600 6.00 Light... 10-15 secs audio every 5-6 minutes
(normal level in the office)
1637-1807 1.50 Heavy afternoon traffic... constant audio
(turned up loud in my truck w/mud tires)
1907-2107 2.00 Medium... 10-15 secs once or twice a minute
(normal level at home)
2107-2225 1.25 Med Light... 10-15 secs once a minute or two
(normal level at home)
-----
12.25 hours
```

I suppose if the "light" time had been "medium" or better, I'd have lost 2 or more hours. And maybe gained an hour or two if the "heavy" time was "medium." It may be however, that the time for recharge is 18 or more hours. But I certainly can't gripe about the PRO-43's battery life.

--

Maurice INTERNET: lriggins@afit.af.mil

1069. mike at signalman

Newsgroup: rec.radio.scanner
Date: 1994-02-15 04:56:37 UTC
From: normd@zimmer.CSUFresno.EDU
Message-ID: <CL91qD.Ms0@zimmer.CSUFresno.EDU>
Source record: 277027

[No readable article body recovered]

1070. Re: help w/ celworld

Newsgroup: rec.radio.scanner
Date: 1994-02-15 05:30:07 UTC
From: mraub@prairienet.org
Message-ID: <2jpmkv$2h2@vixen.cso.uiuc.edu>
Source record: 277028

>Actually, the file IS a good file. I decoded it, and unzipped it,
>and it had a bit of good info in it... If you want, I can mail it
>to you. Just reply. ttul!

I also could not unzip the celworld file after uudecode and would
appreciate it if you could e-mail to me.

Thanks,
Mike Raub
mraub@prairienet.org

1071. Re: 3 letter airport codes?

Newsgroup: rec.radio.scanner
Date: 1994-02-15 06:16:08 UTC
From: haynes@cats.ucsc.edu
Message-ID: <2jppb8$7g1@darkstar.UCSC.EDU>
Source record: 277029

The official source is a U.S. Govt. periodical titled "Location Identifiers" - or at least that was the source the last time I saw a copy. This has the 3-letter identifiers for all the major airports and also a bunch of letter and digit codes for minor places. If you can find an FAA Flight Service station or the Canadian equivalent they can probably show you a copy of the manual, and might give you an outdated one.

Aside from that, this is a FAQ on some newsgroups such as rec.travel.air; and there are some on-line or ftp-able data bases containing a lot of these codes.
--
haynes@cats.ucsc.edu
haynes@cats.bitnet

"Ya can talk all ya wanna, but it's dif'rent than it was!"
"No it aint! But ya gotta know the territory!"
Meredith Willson: "The Music Man"

1072. Re: Pro-2030 mods?

Newsgroup: rec.radio.scanner
Date: 1994-02-15 06:45:54 UTC
From: mgp@soda.berkeley.edu
Message-ID: <mgp-140294224555@uncommonly.hip.berkeley.edu>
Source record: 277030

> I would appreciate any information on modifications to the
> Radio Shack Pro-2030 scanner for reception of cellular phone bands.

Remove power. Remove the five screws from the bottom of the case with a Phillips screwdriver. Remove the bottom of the case. Place the scanner on its top, with the display facing you. Find jumper L201, located approximately two inches from the right side and one inch from the front. Cut said jumper. Cellular bands and spacings are restored.

Not responsible for physical or legal damage caused by mod.

==========
Michael Petrotta mgp@soda.berkeley.edu

1073. Wanted : CA air freqs and ...

Newsgroup: rec.radio.scanner
Date: 1994-02-15 09:37:52 UTC
From: durieux@reseau.onecert.fr
Message-ID: <2jq55g$bot@reseau.cict.fr>
Source record: 277031

Hello

I am a student in an aeronautics school in France and I'm going to do my internship in Los Angeles from April to October. Because I am passionately fond of aeronautics and I've got a scanner, I'd like to have frequencies (and further informations, ...) of :
Edwards AFB
Palmdale (Is it the same runway ?)
George AFB
March AFB
Tustin
El Toro MCAS
Pt Mugu NAMTC
Norton AFB
and Los Angeles airports...

I also search for a californian mailfriend (from Los Angeles if it's possible) who would be interested on airshows (military & modern aircraft).

thanking you in anticipation,

Franck.

durieux@reseau.onecert.fr

Note : If someone is interested, I've got a frequency list of all french airports and bases. (.TXT)

1074. Re: FCC Database Online For Calif.

Newsgroup: rec.radio.scanner
Date: 1994-02-15 13:04:55 UTC
From: arog@BIX.com
Message-ID: <arog.761317495@BIX.com>
Source record: 277032
Cross-posted to: rec.radio.scanner,alt.radio.scanner,ba.broadcast,rec.radio.amateur.misc

ez006683@chip.ucdavis.edu (Daniel D. Todd) writes:

>Is there a plan to allow search by geographical location. This would be
>most helpful.

>Thanks,
>Dan

>--
>*--*
>* Daniel D. Todd Packet: KC6UUD@KE6LW.#nocal.ca.usa *
>* Internet: ddtodd@ucdavis.edu *
>* Snail Mail: 1750 Hanover #102 *
>* Davis CA 95616 *
>*--*
>* I do not speak for the University of California.... *
>* and it sure as hell doesn't speak for me!! *
>*--*
>

While there isot all of the info there that I'd like to see,
as a free service, it has made my life a lot simpler.
It has the Lat and Long in the info with other basic
info that I can start with. This will reduce the time
that I have to spend with the Broadcasting-Cable Yearbook
by a bunch... and it has the *translators* listed as well
... which is a major boon. That alone is probably enough
to get a number of folks that I know that also do
broadcast engineering to 'go' for a system that has
a connection to the Internet.

In short, *THANK-You* (shouting intended)

Alan Ogden, w6spk
moderator of other.radio at BIX
arog@BIX.com

I wipe broadcast transmitter noses for fun and profit.

1075. FOR SALE - PRO 2006

Newsgroup: rec.radio.scanner
Date: 1994-02-15 13:53:18 UTC
From: Mike Ellerson <mellerso@uga.cc.uga.edu>
Message-ID: <2jqk4e$42l@hobbes.cc.uga.edu>
Source record: 277033

For Sale - Radio Shack Pro-2006 Scanner

This is a one owner radio in excellent condition. The unit is 1 year old.
I have the box and manuals for the radio. 800mhz coverage has been
restored. Reason for selling is to acquire additional ham radio gear.

Price $325

If interested please contact me via e-mail

73 de KE4EOQ

1076. Need Newport, RI Freqs

Newsgroup: rec.radio.scanner
Date: 1994-02-15 15:40:08 UTC
From: daveh@frackit.UUCP
Message-ID: <4162@frackit.UUCP>
Source record: 277034
Cross-posted to: rec.radio.scanner,alt.radio.scanner

At the end of this month I will be traveling from Harrisburg, PA to Newport, RI. I will have an FT-2700RH 2m/70cm ham transceiver and a RS PRO-2004 scanner in the car to relieve the monotany. I am looking for enroute frequencies to monitor, especially state PD since I will traveling mostly on interstates, and for any interesting Newport frequencies. My route will be I-78 east from Harrisburg to I-287, I-287 north to I-80, I-80 east to the Garden State Parkway, Parkway north to I-287, I-287 east to I-95, I-95 north to SR 138 in Rhode Island and SR 138 north to Newport. I have PA frequencies, so I am looking for NJ, NY, CT and RI frequencies. In order not to clutter up the newsgroup, replies can be sent directly to dave.hultberg@paonline.com. Thanks and 73 from ka3uzr

--
Internet: dave.hultberg@paonline.com Fidonet: Dave Hultberg of 1:270/101
ASM Troop 196, Keystone Area Council and a good old Bobwhite too....

1077. Future of Scanning (DDS)

Newsgroup: rec.radio.scanner
Date: 1994-02-15 15:58:53 UTC
From: linnig@m2000.dseg.ti.com
Message-ID: <LINNIG.94Feb15095853@m2000.dseg.ti.com>
Source record: 277035

I've been following the direct digital synthesis discussion on rec.radio.amateur.homebrew.

In DDS, you use digital techniques to synthesize a sinewave instead of a phase lock loop. It occurs to me that the PLL is probably what limits the current generation of scanners to the 25 to 50 channels per second range.

I imagine that the next generation of scanners might be able to change frequencies many times faster. It sure would be nice to have a 400 channel per second scanner. If we could also get some SOFTWARE in there, we could really have a radio.

Is this likely to happen soon?

Comments from any receiver gurus?

-- Mike, N5QAW

- - - - - - - - - - - - - - - - - - + - - - - - - - - - - - - - - - - - - +
Mike Linnig, Texas Instruments Inc. | 97.43% of all statistics are made |
Phone: (214) 575-3597 | up; most of them (83.6 percent) |
Internet: mike.linnig@dseg.ti.com | are wrong. |
- -

1078. Re: Airport Iders

Newsgroup: rec.radio.scanner
Date: 1994-02-15 16:14:01 UTC
From: jjhanso1@students.wisc.edu
Message-ID: <jjhanso1.207.2D616A15@students.wisc.edu>
Source record: 277053

In article <02a_9402151721@blkcat.fidonet.org> Gary.Mumma@f239.n109.z1.fidonet.org (Gary Mumma) writes:
>=====================================
>AIRPORT STATE CITY
>=====================================

If you want, go ahead and add ATW, which is Appleton, WIsconsin.

Jason Hanson + 1510 Tripp Cir. #VI309 + (608)264-1079
U. of Wisconsin + Madison, WI 53706-1294 + Ham Radio:N9LEA (Extra)
jjhanso1@students.wisc.edu jhanson@macc.wisc.edu undergrad-Political Sci.

1079. Re: 3 letter airport codes?

Newsgroup: rec.radio.scanner
Date: 1994-02-15 16:49:19 UTC
From: ceeamh@cscd2c23.caledonia.hw.ac.uk
Message-ID: <CL9yq7.ru@cee.hw.ac.uk>
Source record: 277036

In a previous article ve4kwg@draco.bison.mb.ca (kevin galaugher) wrote:

> I'm looking for a copy of a list of the three letter codes used for
>Airports. Any information would be a help.

I can help you out with a few I know, although they are mainly UK and European
ones.

ABZ = Aberdeen
CDG = Paris Charles-de-Gaulle
EDI = Edinburgh
LCY - London City
LGW = London Gatwick
LHR = London Heathrow

Unfortunatley, I can't actually remember many more at the moment. I'll try and
get a list of them sometime soon.

Alistair Henderson

Email: ceeamh@cee.hw.ac.uk

1080. Re: 3 letter airport codes?

Newsgroup: rec.radio.scanner
Date: 1994-02-15 17:19:14 UTC
From: reece@eco.twg.com
Message-ID: <2jr06i$22q@scoop.eco.twg.com>
Source record: 277037

In article <1994Feb14.153352.25639@draco.bison.mb.ca>, ve4kwg@draco.bison.mb.ca (kevin galaugher) writes:
|>
|> I'm looking for a copy of a list of the three letter codes used for
|>Airports. Any information would be a help.

There is an out-of-date copy of the FAA airport information database somewhere out there on the net; try the anonymous account on ftp.uu.net and poke around a bit for a file called "airports.rdb". It's not small (over 1.8 Mb) and it's at least a year out of date. You might be better off buying all seven volumes of the A/FD (less than $7 each), since they are organized by geographic area.

1081. Airport Iders 02

Newsgroup: rec.radio.scanner
Date: 1994-02-15 17:34:00 UTC
From: Gary.Mumma@f239.n109.z1.fidonet.org
Message-ID: <02b_9402151721@blkcat.fidonet.org>
Source record: 277038

To: ve4kwg@draco.bison.mb.ca

Continued from the previous message...
**
BIG AK Big Delta
5BI AK Big River Lakes
BIL MT Billings
BIX MS Biloxi
BGM NY Binghampton
BHM AL Birmingham
BIH CA Bishop
BIS ND Bismarck
YBX PQ Blanc Sablon
4BL UT Blanding
BID PA Block Island
BMG IN Bloomington
BLH CA Blythe
BOI ID Boise
BOEI1 ID Boise FAA radar
WTB PQ Border
BRNC1 CA Boron FAA radar
BOS MA Boston
BWG KY Bowling Green
BFD PA Bradford
BRD MN Brainerd
YBR MB Brandon
TRI TN Bristol
YDR SK Broadview
BBW NE Broken Bow
BKX SD Brookings
BRO TX Brownsville
BCE UT Bryce Canyon
BUF NY Buffalo
YVT SK Buffalo Narrows
BRL IA Burlington
BTV VT Burlington
BNO OR Burns
YDB YT Burwash
BTM MT Butte
YUK NT Byron Bay
YYC AB Calgary
P38 NV Caliente
YCB NT Cambridge Bay
CVS NM Cannon AFB/Clovis

Z68 AK Cantwell
YTE NT Cape Dorset
YVN NT Cape Dyer
CGI MO Cape Girardeau
HAT NC Cape Hatteras
ZUE NT Cape Parry
CSP AK Cape Spencer
YCJ BC Cape St James
YUI NT Cape Young
CAR ME Caribou
WCI ON Caribou Island
CNM NM Carlsbad
CPR WY Casper
YCG BC Castlegar
CDC UT Cedar City
CDCU1 UT Cedar City FAA radar
CID IA Cedar Rapids
CKL AL Centerville
CDR NE Chadron
9V9 SD Chamberlain
CMI IL Champaign
CNU KS Chanute
YLD ON Chapleau
CHS SC Charleston
CRW WV Charleston
CLT NC Charlotte
CHH MA Chatham
YCH NB Chatham
CHA TN Chattanooga
YCS NT Chesterfield Inlet
>>> Continued to next message

* OLX 2.2 * Cameron's Railroad WC!3.AUP (206)659-2132 V32b

*** WM v3.10/92-0782
* Origin: Cameron's Railroad (206)659-2132 Wash. State (1:343/143.0)

* RM 1.3 01462 * Why is ONE singular (1 cup) and ZER0 is plural? (0 cups)

1082. Airport Iders 01

Newsgroup: rec.radio.scanner
Date: 1994-02-15 17:34:00 UTC
From: Gary.Mumma@f239.n109.z1.fidonet.org
Message-ID: <02a_9402151721@blkcat.fidonet.org>
Source record: 277039

To: ve4kwg@draco.bison.mb.ca

********** Original From: HOWARD GEARHEART
* FORWARDED * To: RICK WILSON
* MESSAGE * Date/Number: 02/03/94 - 0007914
********** On: FFORUM - 0028 - Scan Radio

RW>Howdy, All!

RW>A few weeks ago someone said they'd SnailMail me a list of the 3-letter
RW>identifiers for airports. Haven't gotten it yet. Can whoever it was let
me
RW>know what the status is?

RW>Thanks!

Here's what I have.....

```
====================================
AIRPORT STATE CITY
====================================
YXX BC Abbotsford
ABR SD Aberdeen
APG MD Aberdeen Proving Ground
ABI TX Abilene
ANW NE Ainsworth
AKO CO Akron
CAK OH Akron
ALS CO Alamosa
ABY GA Albany
ALB NY Albany
AEL MN Albert Lea
ABQ NM Albuquerque
AQQN5 NM Albuquerque FAA radar
ESF LA Alexandria
AXN MN Alexandria
ABE PA Allentown
AIA NE Alliance
APN MI Alpena
AOO PA Altoona
AMA TX Amarillo
AMLT2 TX Amarillo FAA radar
Z60 AK Ambler
ANC AK Anchorage
LVGN2 NV Angel Peak FAA radar
```

ANI AK Aniak
AQQ FL Apalachicola
ACV CA Arcata
ADM OK Ardmore
YYW ON Armstrong
AVP NC Asheville
ASE CO Aspen
AST OR Astoria
AHN GA Athens
YIB ON Atikotan
ATL GA Atlanta
ACY NJ Atlantic City
AGS GA Augusta
AUS TX Austin
WJC NT AUTO Ennadai Lake
WRP NT AUTO Nicholson Peninsula
WTD NT AUTO Robertson Lake
WZW YT AUTO Teslin
YBG PQ Bagotville
YBC PQ Baie Comeau
YBK NT Baker Lake
BFL CA Bakersfield
BGR ME Bangor
BRW AK Barrow
BTI AK Barter Island
BVO OK Bartlesville
BTR LA Baton Rouge
BTL MI Battle Creek
BMON2 NV Battle Mountain FAA radar
BAM NV Battle Mountain FD upper air
B23 NV Battle Mountain Sfc
BIE NE Beatrice
BPT TX Beaumont
BKW WV Beckley
BJI MN Bemidji
BET AK Bettles
BTT AK Bettles
**
Continued in the next message...

1083. Airport Iders 01

Newsgroup: rec.radio.scanner
Date: 1994-02-15 17:35:00 UTC
From: Gary.Mumma@f239.n109.z1.fidonet.org
Message-ID: <02c_9402151721@blkcat.fidonet.org>
Source record: 277040

To: ve4kwg@draco.bison.mb.ca

********** Original From: HOWARD GEARHEART
* FORWARDED * To: RICK WILSON
* MESSAGE * Date/Number: 02/03/94 - 0007915
********** On: FFORUM - 0028 - Scan Radio

>>> Continued from previous message
CYS WY Cheyenne
YMT PQ Chibougamau
ORD IL Chicago OHare
CDS TX Childress
NID CA China Lake
YYQ MB Churchill
CVG OH Cincinnati
CRC AK Circle City
CAO NM Clayton
CLE OH Cleveland
CSM OK Clinton
CSM OK Clinton
WXK NT Clinton Point
YUH NT Clinton Point
YCY NT Clyde
COD WY Cody
CDB AK Cold Bay
YOD AB Cold Lake
CLL TX College Station
COS CO Colorado Springs
COU MO Columbia
CAE SC Columbia
CSG GA Columbus
OLU NE Columbus
CMH OH Columbus
YQQ BC Comox
CON NH Concord
CNK KS Concordia
YCO NT Coppermine
YZS NT Coral Harbour
CDV AK Cordova
4CR NM Corona
CRP TX Corpus Christi
CEZ CO Cortez
COT TX Cotulla
CAG CO Craig

YXC BC Cranbrook
CZI WY Crazy Woman
WFN SK Cree Lake
YFN SK Cree Lake
CTY FL Cross City
CSV TN Crossville
4SL NM Cuba
CBE MA Cumberland
0V1 SD Custer
DAG CA Daggett
DHT TX Dalhart
DAL TX Dallas
DFW TX Dallas Fort Worth Intl
YDN MB Dauphin
YDA YT Dawson
DAY OH Dayton
DAB FL Daytona Beach
SCC AK Deadhorse
DEC IL Decatur
DRT TX Del Rio
U24 UT Delta
DMN NM Deming
DEN CO Denver
DSM IA Des Moines
DRA NV Desert Rock/Mercury
DTW MI Detroit
DTL MN Detroit Lakes
DVL ND Devils Lake
WUW NT Dewar Lakes
DIK ND Dickinson
DLG AK Dillingham
DLN MT Dillon
DDC KS Dodge City
Z56 AK Dolly Vard Platform
DHN AL Dothan
DUG AZ Douglas/Bisbee
DOV DE Dover AFB
DUJ PA DuBois
**
Continued in the next message...

1084. Airport Iders 02

Newsgroup: rec.radio.scanner
Date: 1994-02-15 17:35:00 UTC
From: Gary.Mumma@f239.n109.z1.fidonet.org
Message-ID: <02d_9402151721@blkcat.fidonet.org>
Source record: 277041

To: ve4kwg@draco.bison.mb.ca

Continued from the previous message...
**
DBQ IA Dubuque
DLH MN Duluth
DUT AK Dutch Harbor
DYR TN Dyersburg
YXR ON Earlton
EAU WI Eau Claire
YEG AB Edmonton
ELD AR El Dorado
ELP TX El Paso
ELAT2 TX El Paso FAA radar
EKM IN Elkhart
EHA KS Elkhart
EKN WV Elkins
EKO NV Elko
ELM NY Elmira
ELO MN Ely
ELY NV Ely
2Z0 AK Emmonak
EMP KS Emporia
ERI PA Erie
YEP SK Estevan
YEP BC Estevan Point
P68 NV Eureka
WEU NT Eureka
EVV IN Evansville
FAI AK Fairbanks
FRM MN Fairmont
NFL NV Fallon NAS
FNB NE Falls City
FAR ND Fargo
FBL MN Faribault
FMN NM Farmington
FMMN5 NM Farmington FAA radar
ZFA YT Faro
FYV AR Fayetteville
FDY OH Findlay
FLO SC Florence
TBN MO Forney AAF
HOP KY Fort Campbell
YPY AB Fort Chipewyan

FCL CO Fort Collins
FOD IA Fort Dodge
YGH NT Fort Good Hope
YJF NT Fort Liard
YMM AB Fort MacMurray
ZFM NT Fort McPherson
FMY FL Fort Myers
YYE BC Fort Nelson
YFL NT Fort Reliance
FSI OK Fort Sill
YFS NT Fort Simpson
FSM AR Fort Smith
YSM NT Fort Smith
YXJ BC Fort St John
FWA IN Fort Wayne
FYU AK Fort Yukon
FOT CA Fortuna
FKL PA Franklin
FAT CA Fresno
YFB NT Frobisher
GRK TX Ft Hood
GAG OK Gage
GUP NM Gallup
GLS TX Galveston
GAM AK Gambell
GCK KS Garden City
GYY IN Gary
YGP PQ Gaspe
T04 TX Georgetown
YGQ ON Geraldton
GBN AZ Gila Bend
>>> Continued to next message

* OLX 2.2 * Cameron's Railroad WC!3.AUP (206)659-2132 V32b

*** WM v3.10/92-0782
* Origin: Cameron's Railroad (206)659-2132 Wash. State (1:343/143.0)

* RM 1.3 01462 * ... After a snowstorm, everybody's lawn looks the same.

1085. Airport Iders 01

Newsgroup: rec.radio.scanner
Date: 1994-02-15 17:36:00 UTC
From: Gary.Mumma@f239.n109.z1.fidonet.org
Message-ID: <02e_9402151721@blkcat.fidonet.org>
Source record: 277042

To: ve4kwg@draco.bison.mb.ca

********** Original From: HOWARD GEARHEART
* FORWARDED * To: RICK WILSON
* MESSAGE * Date/Number: 02/03/94 - 0007919
********** On: FFORUM - 0028 - Scan Radio

>>> Continued from previous message
YTS ON Timmons
TPH NV Tonopah
TOP KS Topeka
YYZ ON Toronto
TVC MI Traverse City
YTR ON Trenton
TAD CO Trinidad
WTL ON Trout Lake
TCS NM Truth or Consequences
TUS AZ Tucson
TCC NM Tucumcari
WTW NT Tuktoyaktuk
YUB NT Tuktoyaktuk
TUL OK Tulsa
TUP MS Tupelo
NXP CA Twentynine Palms MCAS
TYR TX Tyler
UKI CA Ukiah
UMT AK Umiat
UNK AK Unalakleet
1Z2 HI Upolu Point Ln
WDC SK Uranium City
YVO PQ Val D'or
VWS AK Valdez WSO
VTN NE Valentine
END OK Vance AFB
YVC BC Vancouver
VEL UT Vernal
VIH MO Vichy
VCT TX Victoria
YYJ BC Victoria
VQN VA Volens
VOK WI Volk Field
ACT TX Waco
YZH AB Wagner
MUE HI Waimea-Kohala

D45 MN Warroad
IAD VA Washington Dulles
ALO IA Waterloo
YQH YT Watson Lake
AUW WI Wausau
AYS GA Waycross
ELZ NY Wellsville
ENV UT Wendover
FOK NY Westhampton Beach
YXN NT Whale Cove
HLG WV Wheeling
HPN NY White Plains
YZU AB Whitecourt
YXY YT Whitehorse
SZL MO Whiteman AFB
5WT AK Whittier
YVV ON Wiarton
ICT KS Wichita
SPS TX Wichita Falls
YWL BC Williams Lake
IPT PA Williamsport
ISN ND Williston
Z22 AK Willow
ILM NC Wilmington
YQG ON Windsor
BDL CT Windsor Locks
INK TX Wink
WMC NV Winnemucca
YWG MB Winnipeg
INW AZ Winslow
ORH MA Worcester
OTG MN Worthington
YWY NT Wrigley
CYT AK Yakataga
YKM WA Yakima
YAK AK Yakutat
YKN SD Yankton
YZF NT Yellowknife
**
Continued in the next message...

1086. Airport Iders 02

Newsgroup: rec.radio.scanner
Date: 1994-02-15 17:36:00 UTC
From: Gary.Mumma@f239.n109.z1.fidonet.org
Message-ID: <02f_9402151721@blkcat.fidonet.org>
Source record: 277043

To: ve4kwg@draco.bison.mb.ca

Continued from the previous message...
**
YQV SK Yorkton
NYL AZ Yuma
ZZV OH Zanesville
ZUN NM Zuni/Pueblo

* OLX 2.2 * Cameron's Railroad WC!3.AUP (206)659-2132 V32b

*** WM v3.10/92-0782
* Origin: Cameron's Railroad (206)659-2132 Wash. State (1:343/143.0)

* RM 1.3 01462 * I can't be wrong; my modem is error-correcting.

1087. Re: CTCSS finding scanners?

Newsgroup: rec.radio.scanner
Date: 1994-02-15 17:37:48 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CLA0z2.AyC@cbnewse.cb.att.com>
Source record: 277044

I paid $200 for a CSI CD-1 decoder, which I connected internally
to an Icom R-7100 receiver. It's a darn good gizmo.

The CD-1 employs a large, red LED readout and shows PL, DPL, and DTMF
tones. It is available from several places including
"The Ham Station," in Evansville, Indiana (1-800-729-4373).

Realize that the CD-1 is not a tone squelch, merely a tone reader.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

1088. Re: Introduction to Blacknet

Newsgroup: rec.radio.scanner
Date: 1994-02-15 17:52:22 UTC
From: grady@netcom.com
Message-ID: <gradyCLA1nA.6zv@netcom.com>
Source record: 277045

This post is by a guy named Richard Detweiler at Colorado.Edu
he has an on-going crusade to prove that PGP and anonymous
remailers are sinful. So he pretends to solicit breaking the
law to try to prove his point.

Ignore him. He won't go away but his ego won't be stroked
either.

--
Grady Ward | compiler of Moby lexicons: | finger grady@netcom.com
+1 707 826 7715 | Words, Hyphenator, Part-of-Speech | for more information
(voice/24hr FAX) | Pronunciator, Thesaurus | 15 E2 AD D3 D1 C6 F3 FC
grady@netcom.com | and Language; all royalty-free | 58 AC F7 3D 4F 01 1E 2F

1089. 2006 and imaging/front end

Newsgroup: rec.radio.scanner
Date: 1994-02-15 18:17:50 UTC
From: damelio@bedford.progress.com
Message-ID: <2jr3ke$lp8@progress.progress.com>
Source record: 277046

Hello all,

I just sold my pro-39 becouse of imaging problems on 800Mhz. This flaw ended up being someone else's "feature" because he wanted to hear cell phones, and you could receive them 20Mhz lower without modifying the radio. But for me, I needed to hear what was really on 853Mhz, not what was being imaged there.

So, having said that, I was ready to buy a pro-43, when the 2006 caught my eye. I really don`t NEED my next scanner to be a handheld. I was wondering if the 2006 has triple conversion, or if the filters are good enough that it does not need that technology. The major attractions of this scanner to me are; 25-512 range, and the three modes of operation (FM narrow, wide and AM).

Questions:

Is this receiver image free?
Hows the front end filters?
Are there comparable models I should look at?
Is it 800Mhz modifiable? (not terribly important)
Is there a mail order discount like the pro-43?

E-mail preferred but post if you like.

Thanks,

-Steve

--

-=-
Steve D'Amelio N1KML
damelio@bedford.progress.com

=-=

1090. WANTED AR 3000 A

Newsgroup: rec.radio.scanner
Date: 1994-02-15 18:37:00 UTC
From: Paul.Brzonkala@f239.n109.z1.fidonet.org
Message-ID: <029_9402151721@blkcat.fidonet.org>
Source record: 277047

WANTED WANTED

Looking for an AR 3000 A. If you're interested in selling, call me at
(703) 816-7823. I'll call right back.

1091. BC8500xlt with CTCSS?

Newsgroup: rec.radio.scanner
Date: 1994-02-15 21:36:10 UTC
From: WILSON@SLUVCA.SLU.EDU
Message-ID: <01H8X3REULHU94EYQ1@SLUVCA.SLU.EDU>
Source record: 277048

I'm looking for some advice out there. I'm looking into getting the BC8500xlt. It says that there is an optional CTCSS option (but not yet avaliable--according to Grove). I don't know what CTCSS is. Could someone please tell me?
Also, the recommended use is for "remote areas for outside antenna." This is a problem because I live in the suburbs of St. Louis. Right now, I have the PRO-2022 with the $18 scanner roof antenna from RS. I often pick up a lot of crap on it--it's hard to describe what it is. It's essentially a lot of noise--and I don't like it! I have a feeling that it is called "intermod" but I'm not sure.
So, if I would buy this scanner w/ the CTCSS, would it cure the problem of experiencing intermod? I'm not too knowledgable with all these terms (as if you couldn't tell).
Any thoughts on the above, and the general performance of the scanner would be greatly appreciated! Thanks...

Mike Wilson COM-ASEL
Spirit of St. Louis MO.
Email: Internet--wilson@sluvca.slu.edu ----------
Compuserve--75163,45

1092. Re: help w/ celworld

Newsgroup: rec.radio.scanner
Date: 1994-02-15 21:41:10 UTC
From: rouse@mayo.edu
Message-ID: <2jr8oq$mis@fermat.mayo.edu>
Source record: 277049

>
> Actually, the file IS a good file. I decoded it, and unzipped it,
> and it had a bit of good info in it... If you want, I can mail it
> to you. Just reply. ttul!
>
Please E-mail me a copy also.

Thanks a Ton
Mark Rouse
Rouse@Mayo.edu

1093. Re: CTCSS finding scanners?

Newsgroup: rec.radio.scanner
Date: 1994-02-15 21:54:54 UTC
From: vhealey@crl.com
Message-ID: <2jrgbe$qli@crl2.crl.com>
Source record: 277050

In article <1994Feb14.222329.628602@walnut.prs.k12.nj.us>,
Peter Thompson <pthompson@walnut.prs.k12.nj.us> wrote:
>
>I am curious if there are scanners out there that can FIND CTCSS and
>digital squelch control signals. I own a Bearcat 760 which can decode the
>tones, but do any have BUILT IN capabilities to determine these tones?
>Dean McDermott pointed out the products sold by Automated Industrial
>Electronics Corp- they'll do the trick if I own a high end Radio Shack
>scanner, in fact, the TCF-4 will decode tone and digital squelch controls
>and let the scanner use them- a very nice combination. The downside is
>the $700 or so for the combination.
>
>Is there anything else out there that I should look into before spending

Peter may I suggest the ham raido from Alinco. The DJ580 can decode any pl
tone or digital squelch. I set the radio to the frequency of interest and
then turn on the type of squelch I am looking for and then while watching
the s meter indicator I cycle the unit through all the combinations until
the squelch opens. The unit will then be displaying the required tone
setting. You can set up to 18 freq in vhf band and 18 in uhf band or by
reprograming it any combination of up to 36 different memories. There are
other ham radios that can do the same thing. The Dj 580 covers 108 thru
136 and 144-172 and 400-512 and 810 thru 1000 MHZ after a simple mod. It
will transmit anywhere in the two middle groups using the proper tones if
they are programed in for any given frequency. This later is illegal. I am
told you can even bring up the various PS repeators if you know what your
doing. These radios make a neat personal radio for cops medics, firemen
etc. and they run less then $500 complete. The Dj580 from Alinco is
supposed to be the most popular radio in Japan among their hams.

Vic Healey Ki4je

Ps Another neat feature of the DJ580 is that you can scan vhf and uhf
simultaneously with both frequencies displaying at the same time. Two
volumn controls and two squelch's etc. I wish radio shack scanners were
built like this!!!!!!!

1094. Re: CTCSS finding scanners?

Newsgroup: rec.radio.scanner
Date: 1994-02-15 22:49:51 UTC
From: eesnyder@beagle
Message-ID: <CLAFF4.Mvz@Colorado.EDU>
Source record: 277051

In article <1994Feb14.222329.628602@walnut.prs.k12.nj.us>,
Peter Thompson <pthompson@walnut.prs.k12.nj.us> wrote:
>
>I am curious if there are scanners out there that can FIND CTCSS and
>digital squelch control signals.

>Is there anything else out there that I should look into before spending
>that kind of money? The AIE products look really nice, and I'll probably
>go with one if I don't hear otherwise.

The Yaesu FT-530 (and probably other ham rigs as well) can scan for
CTCSS codes. Basically you listen to a signal using an unknown code,
set the rig scanning and it will stop on the tone frequency in use.
Rumor has it that it will also identify DTMF codes but I haven't tried
this. The FT-530 is only about $450 so cheaper than $700-- plus you
get an excellent dual band HT thrown in!

TTGATTGCTAAACACTGGGCGGCGAATCAGGGTTGGGATCTGAACAAAGACGGTCAGATTCAGTTCGTACTGCTG
Eric E. Snyder
Department of MCD Biology ...making feet for childrens' shoes.
University of Colorado, Boulder
Boulder, Colorado 80309-0347
LeuIleAlaLysHisTrpAlaAlaAsnGlnGlyTrpAspLeuAsnLysAspGlyGlnIleGlnPheValLeuLeu
----

1095. Sea-Tac scanning question

Newsgroup: rec.radio.scanner
Date: 1994-02-15 23:13:37 UTC
From: wrigley@u.washington.edu
Message-ID: <wrigley-150294151049@128.95.125.15>
Source record: 277052

I spent some time this past weekend scanning at a little park next to Sea-Tac airport where it's easy to see planes landing, taking off, etc. It was a lot of fun.

I was just wondering if anyone knows what pilots are referring to when they tell a controller thay are over "park". Thanks for any help.

Bob Ennes
University of Washington

1096. PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-02-16 01:30:35 UTC
From: ezager@ctdws59.NoSubdomain.NoDomain
Message-ID: <2jrsvr$f45@inews.intel.com>
Source record: 277054

I have (apparently along with half the world) bought a PRO-43.

Everybody and their brother is asking for mods for the PRO-43.

Would some kind individual please post every PRO-43 mod that exists?

Thank you.

1097. Cellular freqs.

Newsgroup: rec.radio.scanner
Date: 1994-02-16 02:22:45 UTC
From: an71914@anon.penet.fi
Message-ID: <022310Z16021994@anon.penet.fi>
Source record: 277055
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I've found some cellular frequencies between 900 and 910 Mhz.
There are also 10 cordless phone frequencies between 46.6 and 47 Mhz.

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

1098. Ham Radio FTP area on World

Newsgroup: rec.radio.scanner
Date: 1994-02-16 04:00:11 UTC
From: wy1z@netcom.com
Message-ID: <rec.radio.info-ham.radio.ftp_761371209@ve6mgs.ampr.ab.ca>
Source record: 277056
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.info,rec.radio.scanner

This is a periodic reminder that the Boston Amateur Radio Club maintains an FTP area on world.std.com (192.74.137.5) in pub/hamradio.

This area is accessible via: anonymous ftp, gopher, and World Wide Web (and possibly other methods I'm not yet aware of). World is not *fsp*-able yet (I asked them).

Via Gopher, the easiest path to the area is by selecting the following from World's main menu:

18. Membership and Professional Associations

3. Boston Amateur Radio Club

And go from there...

Please feel free to browse through the area.

If anyone has any questions about it, please do not hesitate to e-mail me.

Also, up-to-date copies of the files on the ARRL's information server (info@arrl.org) are available in the directory pub/hamradio/ARRL/Server-files.

All text files are uncompressed, so they are both retrievable and viewable via Gopher and World Wide Web. (If you have any troubles with any text file, please e-mail me).

Source code for programs is always welcome. It can permit people to use those programs on other computers with other operating systems.

Scott

1099. Re: CTCSS finding scanners?

Newsgroup: rec.radio.scanner
Date: 1994-02-16 04:24:01 UTC
From: mladair@mtu.edu
Message-ID: <2js751$pfu@pace1.cts>
Source record: 277057

: The Yaesu FT-530 (and probably other ham rigs as well) can scan for
: CTCSS codes. Basically you listen to a signal using an unknown code,
: set the rig scanning and it will stop on the tone frequency in use.
: Rumor has it that it will also identify DTMF codes but I haven't tried
: this. The FT-530 is only about $450 so cheaper than $700-- plus you
: get an excellent dual band HT thrown in!

The 530, from my understanding, will do it much better than the DJ580.
As far as ease of use goes.

As for DTMF, I pulled this from the net a while back:

DTMF Decoding

A nifty little "feature" that isn't mentioned in the manual.
Steps to follow:

1) tune to the freq you want to monitor and turn on the code squelch
2) press Function-Page(Code) to select a code memory
3) dial up to memory #7
4) watch the dtmf's scroll by as they are heard by the radio!

Matt Adair N8SHA
mladair@mtu.edu

1100. Pro43 mod in San Diego

Newsgroup: rec.radio.scanner
Date: 1994-02-16 04:57:07 UTC
From: hyw@cray.com
Message-ID: <1994Feb16.045707.2792@equalizer.cray.com>
Source record: 277058
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I am thinking about buying a Pro 43 and would like
to know if there are places in San Diego that do
mods for cell overage plus other goodies.

I am pretty much useless in handling a soldering iron and
would rather pay someone to do it. Thanks

- Huay-Yong

1101. Re: Whatever happened to.....

Newsgroup: rec.radio.scanner
Date: 1994-02-16 06:30:02 UTC
From: danm@hebron.connected.com
Message-ID: <2jseha$5r3@hebron.connected.com>
Source record: 277059

In article <2jog9i$h2u@crcnis1.unl.edu>,
daniel wright <djw@unlinfo.unl.edu> wrote:
> Whatever happened to U.S. Scanner News and "Bob's Publications?
> I used to get the magazine sorta irregularly and I think I sent
> in my renewal and then stopped hearing from them [:<.....
> Are they still around???
> djw@unlinfo.unl.edu
>

I haven't seen U.S. Scanner news in a L-O-N-G time. Bob's Publ
(same outfit, I assume)) did put out a new Washington State "Frequency
Almanac" some monthsago. A reduced and work of the previous edition and
maybe a bit more useful. They've been silent for awhile now, so I'm not
optimistic.

--
+ Dan Morisseau, N7ZXL| "I root for 2 teams - |GEnie:D.MORISSEAU +
+ Auburn, WA | The St. Louis Cardinals and | INTERNET: +
+ |whoever is playing the NY Mets!"|danm@connected.com+
This signature file meets Plate C specifications (for rec.railroad railfans)

1102. Re: PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-02-16 09:26:08 UTC
From: dan@halcyon.com
Message-ID: <2jsorg$55o@nwfocus.wa.com>
Source record: 277060

In article <2jrsvr$f45@inews.intel.com>,
Edward Zager <ezager@ctdws59.NoSubdomain.NoDomain> wrote:
>I have (apparently along with half the world) bought a PRO-43.
>Everybody and their brother is asking for mods for the PRO-43.
>Would some kind individual please post every PRO-43 mod that exists?

I also bought a PRO-43. Here are the mods I came up with. I will post them as separate messages. There are three different cell restoration mods (all the same, just different explinations), an S meter, and improved audio. Good Luck

From: parnass@cbnewse.cb.att.com (Bob Parnass, AJ9S)
Newsgroups: rec.radio.shortwave,alt.radio.scanner,rec.radio.amateur.misc
Subject: Review - new Radio Shack PRO-43 portable scanner
Keywords: scanner radio covers 220 MHz and military areo freqs, too
Message-ID: <1992Jul11.221045.26196@cbnewse.cb.att.com>
Date: 11 Jul 92 22:10:45 GMT
Followup-To: rec.radio.shortwave
Organization: AT&T Bell Laboratories, Naperville, IL
Lines: 147

THE RADIO SHACK PRO-43 PORTABLE SCANNER

by Bob Parnass, AJ9S

The new Radio Shack PRO-43 is a small portable scanner made by General Research Electronics (GRE) which lists for about $350. Although it is a good step above other Radio Shack portable scanners, hobbyists awaiting a portable version of the famous PRO-2006 scanner will be disappointed.1 For instance, the PRO-43 is an "extended coverage" and not a continuous coverage scanner, covering these bands:

30 - 50 MHz
118 - 174
220 - 512
806 - 823.9375
896 - 899.9875

Note the omission of the 10 meter ham band, the 75 MHz band, and the lack of coverage above 1000 MHz.

While the PRO-2006 has 400 channels, the PRO-43 has only 200 channels divided into 10 banks. Individual lockout and 2 second rescan delay may be selected for each of the memory channels. Users may select between AM and narrow band FM on any frequency. The PRO-2006 has 10 pairs of search limits

but the PRO-43 has only one pair and the step sizes are factory set. The PRO-2006 had selectable step sizes.

Both models have 10 "monitor" memories which can be written manually during a search.

The HyperscanTM feature means the PRO-43 is supposed to scan at 25 channels per second and search at 50 steps per second. The radio does scan fast, although not measured by the reviewer. When enabled, the priority channel is checked every 2 seconds. As in the PRO-2006, any channel may be designated as the priority channel.

Physical

The PRO-43 is just the right size for a portable scanner. It is smaller than the PRO-37 and Uniden 200XLT but larger than the tiny Icom R1.2 The gray plastic case feels about the same as a 200XLT, neither as rugged as the Icom IC-2GAT walkie talkie, nor as thin and chintzy as the PRO-37. Inside, there are 3 printed circuit boards and most of the components are of surface mount technology.

The top panel contains volume and squelch knobs, a 1/8" earphone jack, and a BNC antenna connector. A plastic belt clip of dubious strength is fastened to the rear with 2 screws.

A semirigid rubberized antenna is furnished with the PRO-43.

Performance Issues

The PRO-43 and Uniden 200XLT were tuned to the same frequencies both using their stock rubberized antennas.

On 857.4375 MHz, the PRO-43 heard Joliet Police signals full quieting which barely broke squelch on the 200XLT, due partly to the poor 800 MHz performance of the antenna supplied with the 200XLT. When the PRO-43 antenna was placed on the 200XLT, the 200XLT reception improved noticeably, but it was still not as good as the PRO-43.

On 146.94, 162.475, and 460.1 MHz, the PRO-43 and the 200XLT were close in sensitivity.

When connected to an outdoor AV-801 antenna, paging interference rendered several VHF high band channels unusable. The problem disappeared when using the rubberized antenna supplied instead.

Owing to the use of up conversion, a high first intermediate frequency, images don't appear to be a problem as they were on other Radio Shack portable scanners like the PRO-34 and PRO-37. The PRO-43 IF frequencies are specified at 608.005

- 611.2 MHz, 48.5 MHz, and 455 kHz.

Somewhat "Mushy" Audio

The PRO-43 uses an LM-386 audio output IC and the radio is loud enough, but distorts severely when the volume control is advanced too far. This is partly due to the internal speaker as there is less distortion when using an external Motorola lapel speaker plugged into the earphone jack.

The PRO-43 audio lacks high frequency response. By comparison, the Uniden 200XLT has cleaner audio and more of it, especially when using the internal speaker.

Batteries

The PRO-43 requires 6 AA batteries, but none are included. A battery clip slides up into the bottom of the radio case and a separate trap door slides over it. Alkaline cells or NiCd cells will bring the scanner to life. Like most other Radio Shack portables, there are 2 jacks on the side, but they are smaller than usual. An optional, AC operated "wall wart" power supply/charger can power the radio or recharge NiCd batteries.

Keyboard and Display

The user manual explains that the KEYLOCK slide switch "disables the keypad to prevent accidental program changes." In truth, most of the keys are disabled. The MANUAL and SCAN keys remain enabled.

The liquid crystal display (LCD) is a smaller version of the display on the PRO-37. Being smaller, it is somewhat more difficult to read than the 200XLT display. Pushing the LIGHT button lights a single lamp behind the display. It stays lit for only as long as you keep the button pressed and is not latched or timed as in the 200XLT.

Summary

People who want a portable which covers both civilian and military aircraft frequencies should check out the PRO-43. The PRO-43 will be attractive to hobbyists who want more frequency coverage and fewer images in a smaller package than the PRO-37 or Uniden 200XLT and who don't want to fight the problems of using the more feature rich AOR 1000XLT.

---

1. See "The Realistic PRO-2006," by Bob Parnass, AJ9S, in Monitoring Times, October 1990.

2. See "Uniden/Bearcat 200XLT Scanner Review," by Bob
Parnass, AJ9S, in the RCMA Journal, October 1988.

--
==========
Bob Parnass, AJ9S - AT&T Bell Labs - parnass@ihlpm.att.com - (708)979-5414
==========

July 22, 1992

PRO-43 800 MHZ Modification Pat Murphy Norfolk, Va.

I did the mod on the PRO-43 this morning and was very, very
happy with the results. Yes it restores all of the cellular
at the 30khz spacing and the reception on 800 MHZ is superior
to anything I've seen so far, including the ICOM R-1.

Let me caution anyone wanting to do the Modification to be
SUPER CAREFUL. This is a small unit with little working
space and unless you have a steady hand, excellent light,
don't try it.

USE THIS PROCEDURE AT YOUR OWN RISK. I can only tell you
that I did it this way and it worked very well.

INSTRUCTIONS FOR PRO-43 CELLULAR RESTORATION
1. Remove the battery pack and cover.

2. Remove the four screws on back and GENTLY pry apart.

3. Remove the 6 silver screws from the 1st PC Board.

4. Remove solder from the ground pad and center feed
conductor of the antenna directly under the antenna on the
PC Board heat solder on top PC Board and center feed will
loosen, this is the only really tricky part to this.

5. Disconnect the 2 plugs/wiring harness, make note of the
color scheme for re-installing. Harness has 2-metal
guides on the side....BE CAREFUL NOT TO PINCH WIRES.

6. Lift top board away from bottom, paying careful attention
the black plug near the bottom of the assembly, gently pry
this apart. DO NOT FORCE IT!

7. Remove 2-silver screws from the 2nd PC Board. (remember to
replace on re-assembly)

8. Remove solder from the four points on the large silver
shield covering the microprocessor board. Remove shield.
Make sure to replace shield on re-assembly as this serves
as protection from intermod and interference.

9. Near the bottom you will see a row of surface mount diodes
(very small and square, approx 1/32" long, black with gray
markings) These will be in locations marked D1, D2, D3,

D4, D5. Some of the locations are blank.

10.Use a very low temp iron (15-watt) and the smallest solde wick available, remove the solder from both sides of D4. Use hemostats or needle nose (very small) to grip while de soldering. Remove diode D4. Another method, you could use would be to (use magnifying glass) crush and remove D4 with the needle nose pliers. Make sure all of the pieces are removed and nothing is touching or connecting.
11.Once D4 is removed you will have full 800 MHZ coverage and 30 KHZ spacing on cellular.

12. Carefully re-assemble unit remembering to double check before going on to next step.

AGAIN - - USE THIS PROCEDURE AT YOUR OWN RISK!!!!

The 800 Mhz reception on the PRO-43 is superb.

When you've re-assembled the unit. Hit MANUAL, PROGRAM, LIMIT, 870.00 ENTER, HIT LIMIT UNTIL "H" APPEARS AND THEN 890.00 ENTER. PUSH THE "UP" ARROW AND YOUR IN BUSINESS.

With this modification, this really is a great radio. ENJOY!

Patrick Murphy
Norfolk, Va.
--
dan@halcyon.com
Dan Lawrence
Seattle, WA USA

1103. Re: PRO-43 mods: cell restoration and 50-88 recovery

Newsgroup: rec.radio.scanner
Date: 1994-02-16 09:28:14 UTC
From: dan@halcyon.com
Message-ID: <2jsove$5a7@nwfocus.wa.com>
Source record: 277061

This file is called pro43.mod on my system...

Area # 57 SCANRADIO 10-09-93 02:22 Message # 10087
From : Chuck Lackey
To : Darren Golez
Subj : ANY MODS FOR PRO-43 ?

Darren Golez wrote in a message to All:

DG> Hello,
DG> Anyone out there have information on restoring the Cellular
DG> Band 870-890 Mhz for the PRO-43 Scanner?
DG> Darren Golez KI7JM
DG> Spokane Washington
DG> --- Maximus 2.01wb
DG> * Origin: Think Tank II BBS * Spokane, Washington USA
DG> (1:346/8)

INSTRUCTIONS FOR PRO-43 buisness RESTORATION
1. Remove the battery pack and cover.
2. Remove the four screws on back and GENTLY pry apart.
3. Remove the 6 silver screws from the 1st PC Board.
4. Remove solder from the ground pad and center feed
conductor of the antenna directly under the antenna on
the PC Board heat solder on top PC Board and center
feed will loosen, this is the only really tricky part
to this.
5. Disconnect the 2 plugs/wiring harness, make note of the
color scheme for reinstalling. Harness has 2-metal
guides on the side....BE CAREFUL NOT TO PINCH WIRES.
6. Lift top board away from bottom, paying careful
attention the black plug near the bottom of the
assembly, gently pry this apart. DO NOT FORCE IT!
7. Remove 2-silver screws from the 2nd PC Board.
(remember to replace on re-assembly)
Disconnect the 2 wire connector at the top and
remove the 2nd PC board.
8. Remove solder from the four points on the large silver
shield covering the microprocessor board. Remove
shield. Make sure to replace shield on re-assembly
as this serves as protection from intermod and
interference.
9. Near the bottom you will see a row of surface mount
diodes (very small and square, approx. 1/32" long,
black with gray markings) These will be in locations

marked D1, D2, D3, D4, D5. Some of the locations
are blank.
10. Use a very low temp iron (15-watt) and the smallest
solder wick available, remove the solder from both
sides of D4. Use hemostats or needle nose (very small)
to grip while de soldering. Remove diode D4.
11. Once D4 is removed you will have full 800 MHZ coverage
and 30 KHZ spacing on
buisness.
12. Save the diode you removed from the D4 position and
install it in the D3 position being careful to make
sure the diode is facing the same direction it was in
the D4 position. (same as D2) This will increase the
low band coverage from 30-50 to 30-88 Mhz.
13. Carefully reassemble unit remembering to double check
before going on to next step.

USE THIS PROCEDURE AT YOUR OWN RISK!!!!

The 800 Mhz reception on the PRO-43 is superb.
When you've reassembled the unit. Hit MANUAL, PROGRAM,
LIMIT, 870.00 ENTER, HIT LIMIT UNTIL "H" APPEARS AND THEN
890.00 ENTER. PUSH THE "UP" ARROW AND YOUR IN BUSINESS.
With this modification, this really is a great radio.
ENJOY!

My thanks to CompuServe for this one and Howard Bornstein.

Roy J. Cloutier
Address 72440,412
Cya!,
Chuck,
Compuserve ID 72154,3701

--- timEd-B9
* Origin: Chucks Mail system (1:264/177.33)

--
dan@halcyon.com
Dan Lawrence
Seattle, WA USA

1104. Re: PRO-43 mod: S meter.

Newsgroup: rec.radio.scanner
Date: 1994-02-16 09:29:57 UTC
From: dan@halcyon.com
Message-ID: <2jsp2l$5lf@nwfocus.wa.com>
Source record: 277062

This file is called p43smetr.txt on my system.


```
```



```
```



```
```

|
1. ---||--- and = are 0.01-uF capacitors; disk, mylar, monolythic, chip
|

2. --->|--- and ---|<---- are germanium diodes, 1N34A
| is cathode
< is anode

3. o means a connection, preferably soldered

4. The 47-k resistor is self-explanatory, I hope.

5. -------- and | are wires/conductors.
|
|

6. x is existing PRO-43 circuitry

If you use an analog meter, preferably a real S-Meter like salvaged from an old junked CB rig, then rig it as follows to connect to the circuit above:

5-k Trim Pot
(+) --------/\/\/\/\---o--------|
| | |
This should |-------| |
be a plug of +
some sort to The S-Meter
connect to the Terminals
mating jack on -
the scanner |
|
(-)----------------------------|

You can also build the 10-segment LED S-Meter as shown in Volume 2 of my SCANNER MODIFICATION HANDBOOK, available from leading mail order radio dealers everywhere. ISBN 0-939780-14-3 published by CRB Research Books, Inc. Commack, NY.

After connected and working, locate the PRO-43 very near a known strong transmitter, perhaps a ham transmitter, a police cruiser, your favorite security guard's handheld or right next to a cordless telephone, or anything else known to transmit a strong signal. Tune the scanner to the frequency, and adjust the 5-k trim pot above so the meter reads exactly full scale. All other signals will read proportionally lower to yield "relative signal strength" measurements! A hell of a circuit here, boys & girls! Have fun!

Developed & distributed by: Bill Cheek
COMMtronics Engineering
PO Box 262478
San Diego, CA 92196-2478

Ok to distribute, but credit appreciated. Thanks!

Bill Cheek

--- GoldED 2.41.B0108+
* Origin: Hertzian Intercept, San Diego (6pm-1pm) 619-578-9247 (1:202/731.1)
--
dan@halcyon.com
Dan Lawrence
Seattle, WA USA

1105. Re: PRO-43 mod: disable the beep

Newsgroup: rec.radio.scanner
Date: 1994-02-16 09:31:15 UTC
From: dan@halcyon.com
Message-ID: <2jsp53$5ug@nwfocus.wa.com>
Source record: 277063

```
This file is called pro43bep.mod on my system.
```


```
```



```
```



```
```

1106. Re: PRO-43 mod: improved audio

Newsgroup: rec.radio.scanner
Date: 1994-02-16 09:33:05 UTC
From: dan@halcyon.com
Message-ID: <2jsp8h$64q@nwfocus.wa.com>
Source record: 277064

This file is called pro43aud.mod on my system.

Radio & Electronics RT
Category 4, Topic 38
Message 148 Mon Dec 07, 1992
KSPROUSE [N3IGW] at 00:08 EST

I found this in the alt.radio.scanner news group on usenet and
thought it would be of interest to this group.

IMPROVED AUDIO FOR THE PRO-43 SCANNER

by Bob Parnass, AJ9S

The Radio Shack PRO-43 scanner audio is too bassy.1 The
lack of treble makes it difficult to hear the PRO-43 in
noisy situations, especially while listening in a car
or truck. Louis Shirley sent me a schematic and sug-
gested I remove C341, a tiny 0.015 ufd surface mount
capacitor.

I'm glad to report that removing C341 made a great
improvement. The audio is now much "crisper," more
like the Uniden 200xlt, although still not quite as
loud. Turning the volume control up still overloads
the PRO-43's small, internal speaker, but there's less
need to do that once C341 is removed.

The PRO-43 contains 3 printed circuit boards, and the
middle (second) board contains the audio circuitry.
Finding C341 is difficult, as it is neither marked with
a value nor a component designation. It is located on
the foil side of the middle board, under IC304, an
LM386 amplifier IC. C341 is in parallel with, and phy-
sically next to, R350 (33,000 ohm). R350 is slightly
larger than C341 and is marked 333. Both R350 and C341
are connected between pin 2 of the LM386 and ground.

A Note About 50-88 MHz Reception

Now that I have a schematic, I see that the European
version of the PRO-43 has different coils and capaci-
tors in the low (mid) band front end filter. That
explains why the 75 MHz sensitivity isn't stellar after
adding diode D3 to enable 30-88 MHz coverage.

----

1. See "PRO-43 Product Review," by Bob Parnass, AJ9S, in
the November 1992 RCMA Journal.

--

==========

Bob Parnass, AJ9S - AT&T Bell Labs - parnass@ihlpm.att.com -

73's
Ken Sprouse / N3IGW
GEnie mail KSPROUSE
Internet sprouse@n3igw.pgh.pa.us
Packet radio n3igw@w2xo.pa.usa.naom
Compu$erve 70145,426
--
dan@halcyon.com
Dan Lawrence
Seattle, WA USA

1107. Re: 2006 and imaging/front end

Newsgroup: rec.radio.scanner
Date: 1994-02-16 13:21:04 UTC
From: sys_lederman@intransit_tsc.vntsc.dot.gov
Message-ID: <1994Feb16.082104.24@bosv01>
Source record: 277065

In article <2jr3ke$lp8@progress.progress.com>, damelio@bedford.progress.com (Stephen D'Amelio) writes:

I had tried an AOR 2500 (or something like that, the .1-1200 MHz scanner) and had very serious trouble with images from UHF TV stations and other sources, so I returned it. On various reccommendations, I got a 2006 instead. In the same location and with the same antenna as the AOR:

> Is this receiver image free?

Yes. I don't get any noticeable images even from strong UHF TV stations or other sources that I know of.

> Hows the front end filters?

Apparently fairly good.

> Are there comparable models I should look at?

Other RS units, I suppose.

> Is it 800Mhz modifiable? (not terribly important)

Yes, at least for now.

> Is there a mail order discount like the pro-43?

I bought mine from EEC in Virginia for about $60 less than the local R.S. Store. I believe there are other mail-order sources.

--
B. Z. Lederman. My personal opinions.

1108. Re: Future of Scanning (DDS)

Newsgroup: rec.radio.scanner
Date: 1994-02-16 13:28:50 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2jt72i$3gq@cronkite.ocis.temple.edu>
Source record: 277066

Mike Linnig (linnig@m2000.dseg.ti.com) wrote:
: I've been following the direct digital synthesis discussion on
: rec.radio.amateur.homebrew.

: I imagine that the next generation of scanners might be able to change
frequencies many times faster. It sure would be nice to have a 400 channel per
: second scanner. If we could also get some SOFTWARE in there, we could really
: have a radio.

: Comments from any receiver gurus?
Sure,

Personally, I have 2 (200) channel scanners, and I'm absolutely convinced
that having 10 10 channel scanners is better than 1 200 channel scanners.

Not that I don't like a multiple channel scanner, (IE 400) but, for
monitoring purposes, having multiple scanners set up with repitition,
at least the same frequency in at least 2 scanners, allows you to hear
almost everything, (of course there are exceptions.) The ideal way
to have it, in my mind, is to have one scanner for each frequency you
want to listen to. That way, you would only be limited to how many
ears you have. So, in the future, I would personally like to see a scanner
that has 2 speakers, one for one frequency, and the other speaker for
a different frequency. So in a sense, one would be talking, while the
other speaker would be scanning. (I think you might understand what I'm
botching here.)
I'm having a BTK error this morning. So bear with me.
(Brain-To-Keyboard)

Any other comments? I'd love some input.

Carter

: -- Mike, N5QAW

: - - - - - - - - - - - - - - - - - - + - - - - - - - - - - - - - - - - - +
: Mike Linnig, Texas Instruments Inc. | 97.43% of all statistics are made |
: Phone: (214) 575-3597 | up; most of them (83.6 percent) |
: Internet: mike.linnig@dseg.ti.com | are wrong. |
: -

1109. Re: VHF Low Band Skip 02.13

Newsgroup: rec.radio.scanner
Date: 1994-02-16 13:38:53 UTC
From: wbloss@delphi.com
Message-ID: <501ruuF.wbloss@delphi.com>
Source record: 277067

Russell Wright <russell.wright@xoanon.com> writes:

> VHF Low Band Skip 94.02.13 QTH: Galveston County, TX
> ----------

Hi Russell...
Glad to see you showing up on the Internet.
Been on since November.
Keep in touch

Wally Bloss
MO-141
WB0BAV

1110. Re: help w/ celworld

Newsgroup: rec.radio.scanner
Date: 1994-02-16 13:55:09 UTC
From: jongo@mindvox.phantom.com
Message-ID: <m7euHc2w165w@mindvox.phantom.com>
Source record: 277068

Would appreciate if you could E-mail Celworld to me as well.
Can't seem to get it to unzip. Thanks much.

Jon
Jongo@Phantom.Com

1111. Re: Bearcat Mr. Scanner club

Newsgroup: rec.radio.scanner
Date: 1994-02-16 15:16:50 UTC
From: miltf@ux1.cso.uiuc.edu
Message-ID: <2jtdd2$otb@vixen.cso.uiuc.edu>
Source record: 277069

tharrell@nmsu.edu (Thomas J. Harrell) writes:

>What's the BBS number?? I tried calling the one from an older issue
>of NatScan but the number was disconnected. And yes, I'm a member too.

I got the same response from the number in the July-August 93 publication. I called the club 800 number and was informed that it is 513-298-3663. I pointed out that the publication listed 288 as the prefix. They were surprised.

I also mentioned that the bbs number was nowhere to be found in the current issue. I think they will publish a correction next issue!

Milt

1112. Re: Cellular freqs.

Newsgroup: rec.radio.scanner
Date: 1994-02-16 16:31:04 UTC
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Message-ID: <1994Feb16.163104.11640@mixcom.mixcom.com>
Source record: 277070
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In <022310Z16021994@anon.penet.fi> an71914@anon.penet.fi (Power Surge) writes:

>I've found some cellular frequencies between 900 and 910 Mhz.
>There are also 10 cordless phone frequencies between 46.6 and 47 Mhz.

Nice try! Try this on for size...

The following was assembled from a variety of articles previously posted
regarding CORDLESS/900MHz/CELLULAR phones.

****
46/49 MHz CORDLESS TELEPHONE FREQUENCIES

There are 10 frequency pairs assigned to cordless
telephones in the 46 MHz band. Both sides of the
conversation can be heard on the "base" frequency.

46.610 base 49.670 handset
46.630 base 49.845 handset
46.670 base 49.860 handset
46.710 base 49.770 handset
46.730 base 49.875 handset
46.770 base 49.830 handset
46.830 base 49.890 handset
46.870 base 49.930 handset
46.930 base 49.990 handset
46.970 base 49.970 handset

****
900 MHz Cordless Phone Info. The following has not been verified.

Panasonic 900MHZ Cordless Freqencies

Color of Phone	CH	BASE	HANDSE
Blue	01	902.100	926.10
Hot Pink	02	902.130	926.13
Banana	03	902.160	926.16
Cerise	04	902.190	926.19
White	05	902.220	926.22
Off White	06	902.250	926.25
Gray	07	902.280	926.28
Fuschia	08	902.310	926.31
Shocking Pink	09	902.340	926.34
Chartreuse	10	902.370	926.37
Neon Purple	11	902.400	926.40

.
.
.
Black 59 903.870 927.870

The phones probably scan each freq until a noise-free channel is found. They then stay at that freq until the call terminates or the channel becomes noisy. The original post suggests that each color has a unique frequency. I doubt if that is the case!

Vtech TROPEZ

The Vtech TROPEZ phones operate in the 900 MHz band but NOT at the same frequencies as listed above. The TROPEZ line uses digital data (digitized voice) that is also encrypted. They cannot be monitored with only a scanner. They use conventional narrow FM modulation and, despite claims by others, do NOT use any form of spread spectrum (such as frequency hopping or direct sequence). Again, note that the data transmitted is digital and not analog.

****

Cellular phone channel construction

Here is a method of determining which frequencies are used in a cellular system, and which ones are in what cells. If the system uses OMNICELLS, as most do, you can readily find all the channels in a cell if you know just one of them, using tables constructed with the instructions below.

Cellular frequencies are assigned by channel number, and for all channel numbers, in both wireline and non-wireline systems, the formula is:

Transmit Frequency = (channel number x .030 MHz) + 870 MHz
Receive Frequency = (channel number x .030 Mhz) + 825 Mhz

Ther terms "transmit" and "receive" apply to the cellular system tower's view of the world. The "TRANSMIT" frequency is used for transmitting FROM THE CELL TOWER TO THE MOBILE UNIT. The "RECEIVE" frequency is used for transmitting FROM THE MOBILE UNIT TO THE CELL TOWER. You will have best results scanning the "TRANSMIT" frequency range. You are also likely to here both sides of the converastion in this range.

"Band A" (one of the two blocks) uses channels 1 - 333. To construct a table showing frequency by cells, use channel 333 as the top left corner of a table. The next entry to the right of channel 333 is 332, the next is 331, etc., down to channel 313. Enter channel 312 underneath 333, 311 under 332, etc. Each channel across the top row is the first channel in each CELL of the system; each channel DOWN from the column from the the first channel is the next frequency assigned to that cell. You may have noted that each channel down is 21 channels lower in number. Usually the data channel used is the highest numbered channel in a cell.

"Band B" uses channels from 334 to 666. Construct your table in a similar way, with channel 334 in the upper left corner, 335 the next entry to the right. The data channel should be the lowest numbered channel in each cell

this time.

Applying channels 1 through 666 to the above formulas gives...

Transmit band: 870.03 to 889.98 MHz
Receive band: 825.03 to 844.98 MHz

(Scan both bands in 30 kHz steps)

****

That should help eliminate any confusion.

--
/`-_ kevin.jessup@mixcom.com
{ }/ Marquette Electronics, Inc
\ / N9SQB, ARRL, Amateur Radio
|__*| N9SQB @ WD9ANY.#MKE.WI.USA.NA

1113. Re: Sea-Tac scanning question

Newsgroup: rec.radio.scanner
Date: 1994-02-16 17:57:29 UTC
From: cab@col.hp.com
Message-ID: <2jtmq9$po7@hp-col.col.hp.com>
Source record: 277071

> I was just wondering if anyone knows what pilots are referring to when they
> tell a controller thay are over "park". Thanks for any help.

I don't have the sectional here, but here's what it might be: there are established "reporting points" that are used in communications with the tower (or approach), and lots of airports have some informal ones as well. The official ones are marked with a little flag - if you can look at the sectional for that area, you might see one of them is a park, or something named Park.

If the park you watch from is that close to the airport, it probably isn't the one the pilots are talking about (even moreso if it's just a little one). Think more along the lines of 15 or 20 miles out.

1114. BC160 Control ROM..Ideas??

Newsgroup: rec.radio.scanner
Date: 1994-02-16 18:01:06 UTC
From: ai456@yfn.ysu.edu
Message-ID: <2jtn12$dvh@news.ysu.edu>
Source record: 277072

I have and old Bearcat 160 I am fixing, I need to find source for a replacement "NC818-01" (IC 201 on schematic) 4 processor control ROM (custom made for the BC160 by Rockwell). Uniden has every other part avalible for the BC160 EXCEPT this one. They could not supply any address for Rockwell or information on this chip. I doubt I will find a replacement... It was made in 1984.

I know I should buy a new scanner but, repairing this is so much fun!
--
Paul S. Troutman "Ladies and gentlemen, if I can pass along
ai456@yfn.ysu.edu one word of advice to you, as you pursue
your weekend leisure activities:
STOP BENDIN' THE SHAFT!" - L.N.W.D.L.

1115. Re: 3 letter airport codes?

Newsgroup: rec.radio.scanner
Date: 1994-02-16 19:00:35 UTC
From: ai456@yfn.ysu.edu
Message-ID: <2jtqgj$fav@news.ysu.edu>
Source record: 277073

>In a previous article ve4kwg@draco.bison.mb.ca (kevin galaugher) wrote:

>>...Airports. Any information would be a help.

For NWS/other codes:
FTP to early-bird.think.com and look in the pub/wx or pub/weather directory
for STATIONS.ZIP - It has all of codes for the US Airports/AFB...
--
Paul S. Troutman "Ladies and gentlemen, if I can pass along
ai456@yfn.ysu.edu one word of advice to you, as you pursue
your weekend leisure activities:
STOP BENDIN' THE SHAFT!" - L.N.W.D.L.

1116. Re: CTCSS finding scanners?

Newsgroup: rec.radio.scanner
Date: 1994-02-16 20:06:49 UTC
From: bmiller@landesk.intel.com
Message-ID: <2jtucp$96v@ornews.intel.com>
Source record: 277074

The Universal M-400 is a multi-mode decoder for both scanner and shortwave. It has DTMF, PL, and DPL decode, and can be programmed to act as a code squelch. It will not store a different squelch tone for multiple freqs however. On the other hand there is the Icom 2SRA that covers 25 -950 MHz and has a 2m xcvr. This unit has tone decode built in (as in tone squelch not in showing you what PL is being used). The 2SRA is a nice unit but does not have multiple scanner banks (only 60 channels).

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1117. dtmf decoder circuits

Newsgroup: rec.radio.scanner
Date: 1994-02-16 20:49:23 UTC
From: rkeefe@indyvax.iupui.edu
Message-ID: <1994Feb16.154923.3789@ivax>
Source record: 276925

HB Technologies
P.O Box 2771
Spring Valley, CA 91979

was listed in Scanner Modification Handbook, Vol. 2
as a source for a DTMF decoder circuit. Mail to them
was returned as undeliverable. Does anyone have another
source for circuit plans or a correct address for HB?

Thanks,

Robert Keefe
<rkeefe@indyvax.iupui.edu>

1118. Scanner to buy?

Newsgroup: rec.radio.scanner
Date: 1994-02-16 21:24:41 UTC
From: alberg@hudlink.hoboken.nj.us
Message-ID: <Z8oYtAbKBh107h@hudlink.hoboken.nj.us>
Source record: 276926

I am currently using an RS 2028 scanner and I am happy with it except for the fact that I need to use an external converter to get 800 Mhz and listen to the local PD.

I'm ready to upgrade to a new scanner and would be interested in hearing your recommendations for a portable in the $300 range. I would like to have 800 Mhz coverage ("full 800 Mhz" coverage would be nice but is not #1 on my list of features). Small size and good performance are my major desires. Next would be large a large # of memory locations (I am in the NYC area and there's lots of stuff to monitor).

Many thanks
Al Berg

--
==========
Al Berg | alberg@netlan.jpr.com | When cryptography is illegal, only
| alberg@hudlink.hoboken.nj.us | criminals will XF4gjwWq#vbdDGh#*!
==========

1119. Re: Future of Scanning (DDS)

Newsgroup: rec.radio.scanner
Date: 1994-02-16 21:32:09 UTC
From: linnig@m2000.dseg.ti.com
Message-ID: <LINNIG.94Feb16153209@m2000.dseg.ti.com>
Source record: 276927

In article <2jt72i$3gq@cronkite.ocis.temple.edu> camter28@astro.ocis.temple.edu (-=FOOBARF=-) writes:

> Personally, I have 2 (200) channel scanners, and I'm absolutely convinced
> that having 10 10 channel scanners is better than 1 200 channel scanners.
>
> Not that I don't like a multiple channel scanner, (IE 400) but, for
> monitoring purposes, having multiple scanners set up with repitition, at
> least the same frequency in at least 2 scanners, allows you to hear almost
> everything, (of course there are exceptions.)

One of the reasons I mentioned software was that I felt that a lot of tricks could be done in software that are not being done today.

My BC200 has a priority feature that periodically looks at a priority channel while I hear non-priority audio. To do this, the BC200 retunes (slowly) to the priority channel and then back. This generates an annoying audio dropout that causes me to not use the feature.

With fast tuning, this dropout wouldn't happen. In fact, you could use software to assign relative priorities and have the radio check many other frequencies while you are listening to the driveup window audio at McDonalds.

Another software trick I'd like to see is to have the radio scan frequencies based on their likelyhood of having a signal. I like keeping some media frequencies in my BC200 so I can hear the latest helicopter traffic reports. These are unusual transmissions and they last for 30-60 seconds. If my scanner could only look at those frequencies a couple of times a second, that would be fine. Other frequencies, such as the local police, might rate a higher rate because they are very frequent but short. I get tired of hearing "... is at the scene" when the full transmission would tell me that "SWAT TEAM is at the scene".

Another software feature would be to have an ASCII display of that I can program, to associate a name with a frequency. This is probably only practical with a PC interface. Speaking of PC interfaces -- how hard can it be??

The manufacturers just need to spend an extra 5 bucks per CPU and the radio will have enough speed and memory to be fun. As it is now, I think they must be using tiny 4 bit cpu chips designed for calculators or something.

-- Mike, N5QAW

- - - - - - - - - - - - - - - - - - - + - - - - - - - - - - - - - - - - - - - +
Mike Linnig, Texas Instruments Inc. | 97.43% of all statistics are made |
Phone: (214) 575-3597 | up; most of them (83.6 percent) |
Internet: mike.linnig@dseg.ti.com | are wrong. |

- -

1120. Re:Just bought Tropez 90

Newsgroup: rec.radio.scanner
Date: 1994-02-16 22:59:00 UTC
From: ryan.talley@travel.com
Message-ID: <1d.3823.930.0NAE9B83@travel.com>
Source record: 276928

I had a few questions about your new 900MHZ phone. I am thinking about getting one and want to know a couple of things. First, (the obvious) how far does it go? Do you know what the output of the base and handset transmitters are? Does it use a low power and high power switching method (like that of Cellular phones)? Thanks in advance.

~~~~~~

Ryan Talley _/_/_/
ryan.talley@travel.com _/ _/
_/_/
_/ _/

• CmpQwk #UNREG• UNREGISTERED EVALUATION COPY
~~~~~~

1121. Scanner for airlines

Newsgroup: rec.radio.scanner
Date: 1994-02-16 23:12:44 UTC
From: jeff@overbor.greenlee.com
Message-ID: <02161994.171244@overbor.greenlee.com>
Source record: 276929

Re: Master list of airlines and their policy regarding use of scanne

American allowed me to use my VHF/UHF tracseiver on board.

1122. Update for Periodic Reminder of World FTP site

Newsgroup: rec.radio.scanner
Date: 1994-02-17 00:28:47 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCLCEo0.Cpp@netcom.com>
Source record: 276930
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.scanner

This is a periodic reminder that the Boston Amateur Radio Club maintains an
FTP area on World - ftp.std.com (192.74.137.7) in pub/hamradio.

This area is accessible via: anonymous ftp, gopher, and World Wide Web
(and possibly other methods I'm not yet aware of). World is not
fsp-able yet (I asked them).

Via Gopher, the easiest path to the area is by selecting the following
from World's main menu:

18. Membership and Professional Associations

3. Boston Amateur Radio Club

And go from there...

Please feel free to browse through the area.

If anyone has any questions about it, please do not hesitate to e-mail me.

Also, up-to-date copies of the files on the ARRL's information server
(info@arrl.org) are available in the directory pub/hamradio/ARRL/Server-files.

All text files are uncompressed, so they are both retrievable and
viewable via Gopher and World Wide Web. (If you have any troubles with
any text file, please e-mail me).

Source code for programs is always welcome. It can permit people to use
those programs on other computers with other operating systems.

Scott
--
```
================================================================================
| Scott Ehrlich Internet: wy1z@neu.edu BITNET: wy1z@NUHUB |
| Amateur Radio: wy1z AX.25: wy1z@k1ugm.ma.usa.na |
|------------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - ftp.std.com pub/hamradio |
================================================================================
```

1123. Re: RS vs BC

Newsgroup: rec.radio.scanner
Date: 1994-02-17 01:40:48 UTC
From: philscott@delphi.com
Message-ID: <Ri6o2qY.philscott@delphi.com>
Source record: 276931

<drr1@nauvax.ucc.nau.edu> writes:

>What's the difference between BearCat and Radio Shack scanners, it seems
>to me that the BC's are quite a bit cheaper. Maybe I'm not looking at
>all the features. Can anyone help? Thanks.

They both have their benefits. I have a couple of each over the
years and the new BC8500 is my favorite, next to the PRO-43.
If you have specific questions or needs let me know, happy to
offer my opinion FWIW :->

1124. PRO 2028 Mod??

Newsgroup: rec.radio.scanner
Date: 1994-02-17 02:50:00 UTC
From: tim.miranda@channel1.com
Message-ID: <40.929.2433.0NE173DA@channel1.com>
Source record: 276932

No. The 2028 sucks. It only goes to 512mhz. Bad deal. I
bought one, and I've been suffering ever since. No mods, either.

---
tim.miranda@channel1.com | For PGP key, finger tmiranda@nyx.cs.du.edu
---
... Buy American!
--- TOTD/PCB v1.6 [R]

1125. ICOM R7000 Software

Newsgroup: rec.radio.scanner
Date: 1994-02-17 03:11:54 UTC
From: gz38s69@sycom.mi.org
Message-ID: <gz38s69.4ejx@sycom.mi.org>
Source record: 276933

If anyone can send me in the right direction it sure would help!

I am in need of a WINDOWS program to run and controll my ICOM R7000 scanner.

I already have a DOS program and run it from Windows but I would like a native Windows program.

Is there such a thing??? If anyone knows of one, PLEASE LET ME KNOW!

Thanks!!

Greg

1126. Re: FCC Database Online For Calif.

Newsgroup: rec.radio.scanner
Date: 1994-02-17 03:37:02 UTC
From: evidence@netcom.com
Message-ID: <evidenceCLCnDr.7uL@netcom.com>
Source record: 276934
Cross-posted to: rec.radio.scanner,alt.radio.scanner,ba.broadcast,rec.radio.amateur.misc

I probably missed this, but, what is the address for the FCC database?

Evidence.

1127. Laughlin, NV Freqs???

Newsgroup: rec.radio.scanner
Date: 1994-02-17 03:56:24 UTC
From: dhz@crl.com
Message-ID: <2jupt8$hgj@crl.crl.com>
Source record: 276935

I'm looking for some freqs for Laughlin, NV. Especially Haras Del Reo
hotel stuff.

any help would be appreciated.
post or e-mail

--
JIM SHRYNE |\\ || //==\\ ===\\ || || ====//
ARS N6DHZ ||\\ || || || || ||=|| //
COMPUSERVE 70621,247 || \\|| ||==\\ || || || || //
E-MAIL dhz@crl.com || \\| \\==|| ===// || || //====

1128. Freqs for Upper Michigan

Newsgroup: rec.radio.scanner
Date: 1994-02-17 04:08:18 UTC
From: msadkins@mtu.edu
Message-ID: <2juqji$kp@pace1.cts>
Source record: 276936

Does anyone have any frequencies for anything Houghton, Michigan
or Hancock, Michigan? That's Houghton and Keweenew counties. Would be
much obliged.

--
Matthew S. Adkins Technician
Michigan Tech University, CS Major MTU Sound & Light Serices
Internet: msadkins@major.cs.mtu.edu Internet: msadkins@mtu.edu

"As MTU has no opinions, my opinions "The fastest way to accelerate a
couldn't possibly be theirs." Macintosh is 9.8 m/s^2."

1129. Here are PRO 43's MODS

Newsgroup: rec.radio.scanner
Date: 1994-02-17 04:53:10 UTC
From: mbm1949@u.cc.utah.edu
Message-ID: <2jut7m$ido@u.cc.utah.edu>
Source record: 276937

IMPORTANT: I have not verified this procedure nor can I take credit
for it.

I hate to lecture, but here are some points to ponder.

1-It is against the law to monitor cellular or mobile telephone calls.
2-Procedures outlined below require knowledge of microcircuits, soldering
and assembly techniques.
3-You will need a low-wattage soldering iron, solder and other various tools
to help in the procedure.
4-The following procedure will void your warranty.

Good luck, remember don't do this after a six-pak of beers and don't
call me if it doesn't turn out.

As you disassemble the unit try to place the parts in a logical order
or placement to help you remember the re-assembly.

Step 1

Remove the battery, antenna, and back cover which is held in place by four
screws.

Step 2

Remove the six screws holding the top circuit board in place.
Carefully unsolder the two antenna connections from the board. Bend the
antenna ground tab fully up from the board. Carefully lift the board,
unplugging the black connector at its base, and lay the board out of the
way on its bundle of colored wires.

Step 3

Remove the two screws from the next board and lift it, carefully
unplugging the white connector at the bottom of the board. Lift it
up and lay it aside on its brown wire--which can be unplugged if
necessary.

Step 4

Unsolder and remove the metal shield from the final board, revealing
the microprocessor, note the row of diodes labeled D1-D5 above it.

Only diodes D1, D2 and D4 should be present. Use a small pointed
tool to pry up one end of D4 while unsoldering it. Try to pry
or pull from one end, at the wire, not in the center, while heating
up the solder on the same end.

You actually don't have to remove it completely(unless you want to use
it to restore additional frequencies--see step 5).
You can just lift one side so it dosen't make connection and then
put a small piece of tape or heat shrink over it, so it won't.
Make sure it's not lifted to high or the boards will not fit.

This will restore Cellular Frequencies in 30 kHz steps.

Step 5

If you decided to take the diode D4 all the way out then you
can solder the removed diode carefully into position at D3
to extend low coverage to 88 mHz.

Step 6

Ressemble the boards, paying attention to alignment, plugs and
test it.

Additional Notes:

One author writes:

...be careful about re-installing the diode for 51-88 mHz. In
earlier Pro 34/37 models this could be done but the scanners
would not pick up anything and would remove the 30-54 mHz band....

Another author writes:

...the diode positions on the cpu board, of which only three are
filled look like this. Where X equals a diode soldered in place.

D5 D4 D3 D2 D1

O X O X X Normal configuration

O O O X X Cellular modification(D4 removed)

O O X X X Lo-Band modification(D4 in D3's place)

1130. Re: Future of Scanning (DDS)

Newsgroup: rec.radio.scanner
Date: 1994-02-17 05:42:41 UTC
From: kronz@schooley.ecn.purdue.edu
Message-ID: <CLCt76.E0D@noose.ecn.purdue.edu>
Source record: 276938

Im no expert by any means but here's what I think...:

DDS does basically take a digital input and create a signwave that
you can use in mixing etc..And recievers like aor-1500 and I imagine
yupiteramvt7100 use such chips to get the superwide freq range:

BUT, these to my knowledge do not take the place of the PLL...

Even thought they create the signwave the do not lock onto the phase
of the incomming signal thus a PLL is still needed... Like I said
before I may be totally wrong on this (technology just seems to move
TOOOO fast anymore)

Really DDS chips are the best thing to hit the market as far as
homebrew equipment... With all the govnment regulation going on
in a couple years we all may have to secretly build our recievers
at home (I hope it doesn't come to this!) And DDS will make that
job Incredible easier!

Thats my 2 cents

--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }

1131. Scanning Digital Transmission

Newsgroup: rec.radio.scanner
Date: 1994-02-17 06:26:37 UTC
From: evidence@netcom.com
Message-ID: <evidenceCLCv8D.Cnr@netcom.com>
Source record: 276939

In the next 20-30 years many VHF/UHF frequencies will be switched over to Digital spread spectrum transmission. Already, some police agencies and government agencies, as well as private industry are planning the switch.

Will this end scanning as wel know it? Will scanning be limited to those who are "Authorized"?

Comments are welcome.

Evidnence, Inc.

1132. Re: dtmf decoder circuits

Newsgroup: rec.radio.scanner
Date: 1994-02-17 13:09:59 UTC
From: phybs@mizzou1.missouri.edu
Message-ID: <phybs.1.000D2B07@mizzou1.missouri.edu>
Source record: 276952

In article <1994Feb16.154923.3789@ivax> rkeefe@indyvax.iupui.edu (Robert Keefe) writes:
>From: rkeefe@indyvax.iupui.edu (Robert Keefe)
>Subject: dtmf decoder circuits
>Date: 16 Feb 94 15:49:23 -0500

>HB Technologies
>P.O Box 2771
>Spring Valley, CA 91979

>was listed in Scanner Modification Handbook, Vol. 2
>as a source for a DTMF decoder circuit. Mail to them
>was returned as undeliverable. Does anyone have another
>source for circuit plans or a correct address for HB?

>Thanks,

>Robert Keefe
><rkeefe@indyvax.iupui.edu>

1133. Re: dtmf decoder circuits

Newsgroup: rec.radio.scanner
Date: 1994-02-17 13:13:57 UTC
From: phybs@mizzou1.missouri.edu
Message-ID: <phybs.2.000D3BF5@mizzou1.missouri.edu>
Source record: 276953

In article <1994Feb16.154923.3789@ivax> rkeefe@indyvax.iupui.edu (Robert Keefe) writes:
>From: rkeefe@indyvax.iupui.edu (Robert Keefe)
>Subject: dtmf decoder circuits
>Date: 16 Feb 94 15:49:23 -0500

>was listed in Scanner Modification Handbook, Vol. 2
>as a source for a DTMF decoder circuit. Mail to them

stuff deleted

Question: where can one get the above mentioned handbook. I have a few
scanners that I would like to add some bells & whistles (pro2022 & bc700a).
Plenty out in FTP land regarding unblocking cellular, is there anything else ?
Scan speed, more channels, widening coverage etc....
Thanks.

1134. Re: new questions (or perhaps old news) about batteries...

Newsgroup: rec.radio.scanner
Date: 1994-02-17 14:05:34 UTC
From: surreal@u.washington.edu
Message-ID: <2jvtje$ohl@news.u.washington.edu>
Source record: 276940
Cross-posted to: alt.radio.scanner,rec.radio.scanner

dino@cam.org (Dino Moriello) writes:

>A good example of why NiCd memory is a myth. I have an electric razor that
>I've used for 12 years. That's thousands of charge cycles to the same
>depth. Yet the razor still works fine. The NiCds have outlasted the wiring
>to the razor motor (which I've repaired about 15 or so times).

hmmm, i've gone thru three razors in 6 years - all due to battery failure
to charge - a bruan, remington, and norelco.

>The best thing you can do about NiCd memory is to forget it.

>Two rules for long NiCd life: don't overheat them by overcharging; don't
>discharge them too deeply, or you may get cell reversal in the pack.

so much for conventional wisdom. now i'm really confused.

1135. Re: Cellular freqs.

Newsgroup: rec.radio.scanner
Date: 1994-02-17 15:37:33 UTC
From: bmiller@landesk.intel.com
Message-ID: <2k02vt$fd8@ornews.intel.com>
Source record: 276941
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <022310Z16021994@anon.penet.fi> an71914@anon.penet.fi writes:
>
>I've found some cellular frequencies between 900 and 910 Mhz.
>There are also 10 cordless phone frequencies between 46.6 and 47 Mhz.
>
>--
>To find out more about the anon service, send mail to help@anon.penet.fi.
>Due to the double-blind, any mail replies to this message will be anonymized,
>and an anonymous id will be allocated automatically. You have been warned.
>Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

It's a little hard to understand the significance of your discovery since
there is no way to tell even what country you are in. Next time skip the
anonymous service or include a little more detail.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1136. VHF low in Europe: Info needed|

Newsgroup: rec.radio.scanner
Date: 1994-02-17 15:39:38 UTC
From: MAAN-HHH@finou.oulu.fi
Message-ID: <16F60F85AS85.MAAN-HHH@finou.oulu.fi>
Source record: 276942

Anyone here, who could tell about fq's on VHF low. I need to have
fq's of fixed traffic on fq range below 87 MHz to be able to
monitor Sporadic E-layer con developement.
Modes of traffic have no importance, if it's teletype or voice
traffic, main thing is to get info on traffic on that beand
from various places of Europe. So far, I've been monitoring
TV channels on that band.
Thanks, Harri

1137. Re: FCC Database Online For Calif.

Newsgroup: rec.radio.scanner
Date: 1994-02-17 16:07:01 UTC
From: bfoust@nic.cerf.net
Message-ID: <2k04n5$ml4@news.cerf.net>
Source record: 276943
Cross-posted to: rec.radio.scanner,alt.radio.scanner,ba.broadcast,rec.radio.amateur.misc

> I probably missed this, but, what is the address for the FCC database?

telnet tcomeng.com login: fcc no password

--
Serving the God of Creation
-Brent Foust

1138. This Week on Spectrum 02/19/94

Newsgroup: rec.radio.scanner
Date: 1994-02-17 16:56:44 UTC
From: spectrum@starcomm.overleaf.com
Message-ID: <2k07kc$jnc@starcomm.overleaf.com>
Source record: 276944
Cross-posted to:
rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.scanner,rec.video.satellite,rec.radio.cb,alt.radio.scanner,alt.radio.pirate

This week on Spectrum we are going to visit the world of utility listening with Larry Van Horn. Larry is the ute editor for Monitoring Times. We haven't looked at ute since mid summer and lots of interesting things have happened. Almost 90% of the frequency space from 3 to 30 MHz is dedicated to non-broadcast transmissions and there are lots of fun things to explore.

--
Spectrum airs live Sunday at 0300 UTC (2200 EST Saturday) on:

WWCR, 5810 KHz, Nashville, TN (World Wide)
WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)

Spectrum is rebroadcast:

Sunday at 1500 EST, on WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
Monday at 0400 UTC (2300 EST Sunday),
on WWCR, 7435 KHz, Nashville, TN (World Wide)

--
Spectrum, "The Communications Magazine You Read With Your Ears."
Box 722, Holmdel, NJ, 07733-0722, USA
spectrum@overleaf.com, askspectrum@attmail.com, spectrumshow@genie.geis.com
+1 800-787-SPECTRUM, +1 908-671-4209

1139. Re: Scanner for airlines

Newsgroup: rec.radio.scanner
Date: 1994-02-17 17:19:11 UTC
From: cravitma@cps.msu.edu
Message-ID: <2k08uf$kn2@msuinfo.cl.msu.edu>
Source record: 276945

On 16 Feb 94 17:12:44 CST, strange alien beings caused Jeff (jeff@overbor.greenlee.com) to write:
> Re: Master list of airlines and their policy regarding use of scanne

> American allowed me to use my VHF/UHF tracseiver on board.

That's interesting. When I walked on to an American flight (727 O'Hare to Toronto) with my Yaesu FT-470 clipped to my belt, the lead flight attendant almost had a heart attack. She asked me to remove the battery pack from my radio and stow it in my hand luggage for the duration of the flight. I've also had similar problems with scanners on American (and United).

/Matthew

--
Matthew Cravit, N9VWG | All opinions expressed here are
Michigan State University | my own. I don't speak for MSU
East Lansing, MI 48825 | and they don't speak for me (luckily
E-Mail: cravitma@cps.msu.edu | for both of us).

1140. Re: dtmf decoder circuits

Newsgroup: rec.radio.scanner
Date: 1994-02-17 17:20:35 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-170294092031@earl.llnl.gov>
Source record: 276946

In article <1994Feb16.154923.3789@ivax>, rkeefe@indyvax.iupui.edu (Robert Keefe) wrote:
>
> HB Technologies
> P.O Box 2771
> Spring Valley, CA 91979
>
> was listed in Scanner Modification Handbook, Vol. 2
> as a source for a DTMF decoder circuit. Mail to them
> was returned as undeliverable. Does anyone have another
> source for circuit plans or a correct address for HB?

HB went under some time ago. Bill Cheek printed the plans in is newsrag recently. I think a similar circuit is in the ARRL yearly book.

Gary

The comments expressed above do not reflect the opinions of LLNL.

Gary Ross
Lawrence Livermore National Laboratory
NOVA Laser Operations
P.O. Box 808, L-489
Livermore, CA 94551
(Ross@novax.llnl.gov)
AOL: Rossman

1141. Re: VHF Low Band Skip 02.13

Newsgroup: rec.radio.scanner
Date: 1994-02-17 17:41:26 UTC
From: damelio@bedford.progress.com
Message-ID: <2k0a86$1di@progress.progress.com>
Source record: 276947

Russell Wright (russell.wright@xoanon.com) wrote:
: VHF Low Band Skip 94.02.13 QTH: Galveston County, TX
: ---

: 33.500 - EMS w/ NE US accent
: 33.540 - EMS

These are our local fire/EMS frequencies in SE Mass., quite active. So there
is a chance you were hearing this area. I have heard skip on these lower
police and fire bands from as far as California.

--

-=-
Steve D'Amelio N1KML
damelio@progress.com

=-=

1142. Pro-46 Beep Mod WANTED.

Newsgroup: rec.radio.scanner
Date: 1994-02-17 17:46:43 UTC
From: mdclar00@mik.uky.edu
Message-ID: <mdclar00.761507203@mik.uky.edu>
Source record: 276948

Hello scanning people out there on the internet.

I recently purchased a Pro-46 scanner, which is quite nice for the $150 price (new) I found it for. One of the FEW problems (or things I would like changed) on it is that EVERY TIME YOU HIT A BUTTON IT BEEPS. That is about as annoying as me typing IN CAPS ALL THE TIME (right?) Seriously, I really would like to find a way to turn off htat beep w/o changing the other operations of the scanner. Surely someone out there has this same scanner and has figured a way to kill that BEEP. So, please enlighten the rest of us with your vast knowledge about the PRO-46.

Thanks a bunch,
Matt Clarke
mdclar00@pop.uky.edu

1143. WANTED: Bearcat 160 scanner

Newsgroup: rec.radio.scanner
Date: 1994-02-17 18:00:45 UTC
From: ai456@yfn.ysu.edu
Message-ID: <2k0bcd$fj5@news.ysu.edu>
Source record: 276949

If you have one of these working or not, please e-mail me.
--
Paul S. Troutman "Ladies and gentlemen, if I can pass along
ai456@yfn.ysu.edu one word of advice to you, as you pursue
your weekend leisure activities:
STOP BENDIN' THE SHAFT!" - L.N.W.D.L.

1144. Re: Scanner for airlines

Newsgroup: rec.radio.scanner
Date: 1994-02-17 19:35:05 UTC
From: moodyblu@umcc.umcc.umich.edu
Message-ID: <2k0gt9$sql@umcc.umcc.umich.edu>
Source record: 276950

cravitma@cps.msu.edu (Matthew B Cravit) writes:

>On 16 Feb 94 17:12:44 CST, strange alien beings caused Jeff (jeff@overbor.greenlee.com) to write:
>> Re: Master list of airlines and their policy regarding use of scanne

>> American allowed me to use my VHF/UHF tracseiver on board.

>That's interesting. When I walked on to an American flight (727 O'Hare
>to Toronto) with my Yaesu FT-470 clipped to my belt, the lead flight
>attendant almost had a heart attack. She asked me to remove the
>battery pack from my radio and stow it in my hand luggage for the
>duration of the flight. I've also had similar problems with scanners
>on American (and United).

>/Matthew

I always always always talk to the pilot. I never trust what the flight attendants say. Usually, the pilot will let you listen with your radio. I have flown on numerous Northwest and United flights and have never ever had a problem using my radio.

I am also a pilot myself, which kinda helps to break the ice to begin with! :) :) :)

>--
>Matthew Cravit, N9VWG | All opinions expressed here are
>Michigan State University | my own. I don't speak for MSU
>East Lansing, MI 48825 | and they don't speak for me (luckily
>E-Mail: cravitma@cps.msu.edu | for both of us).
--
* Matt Weisberg, CNE MILLIWAYS - Computer and Network Consulting *
* PP-ASEL 21650 West Eleven Mile Road #202 *
* Amateur Radio: KF8OH Southfield, MI 48076 *
* Internet: moodyblu@ais.org (810)350-0503 Fax:(810)350-0504 *

1145. NEED FREQS for Boulder, Co / Denver

Newsgroup: rec.radio.scanner
Date: 1994-02-17 20:04:03 UTC
From: halpape@ucsu.Colorado.EDU
Message-ID: <halpape.761515443@ucsu.Colorado.EDU>
Source record: 276951

I got my new Pro-43 and had a successful modification procedure!
And I could use some good frequencies in Boulder. ie. Police, or airport, or
other stealth freq.

I already had the opportunity to hear some cordless, and let me tell you
that these college kids talk about all sorts of drug deals. hehehe
(They must be pretty stupid)

-Thanks
Steve-o

1146. Re: Scanner for airlines

Newsgroup: rec.radio.scanner
Date: 1994-02-17 21:40:00 UTC
From: dbushong@wang.com
Message-ID: <CLE1Iq.5CE@wang.com>
Source record: 276954

jeff@overbor.greenlee.com (Jeff) writes:

>Re: Master list of airlines and their policy regarding use of scanne

>American allowed me to use my VHF/UHF tracseiver on board.

It appears that you were in violation of 97.11(c) of the FCC rules and
regulations.

--
Dave Bushong, Wang Laboratories, Inc.

1147. Re: dtmf decoder circuits

Newsgroup: rec.radio.scanner
Date: 1994-02-17 23:47:59 UTC
From: rkeefe@indyvax.iupui.edu
Message-ID: <1994Feb17.184759.3823@ivax>
Source record: 276955

In article <phybs.2.000D3BF5@mizzou1.missouri.edu>, phybs@mizzou1.missouri.edu (Dr.Bernhard Stepke) writes:
> In article <1994Feb16.154923.3789@ivax> rkeefe@indyvax.iupui.edu (Robert Keefe) writes:
>>From: rkeefe@indyvax.iupui.edu (Robert Keefe)
>>Subject: dtmf decoder circuits
>>Date: 16 Feb 94 15:49:23 -0500
>
>
>>was listed in Scanner Modification Handbook, Vol. 2
>>as a source for a DTMF decoder circuit. Mail to them
>
> stuff deleted
>
> Question: where can one get the above mentioned handbook. I have a few
> scanners that I would like to add some bells & whistles (pro2022 & bc700a).
> Plenty out in FTP land regarding unblocking cellular, is there anything else ?
> Scan speed, more channels, widening coverage etc....
> Thanks.

Both handbooks (and other books) can be found at

CRB Research Books, Inc.
P.O. Box 56
Commack, NY 11725

1-800-656-0056

Regards,
R. Keefe

1148. Attn: BC100/200XLT owners

Newsgroup: rec.radio.scanner
Date: 1994-02-18 00:11:25 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2k113d$d9a@samba.oit.unc.edu>
Source record: 276956

Just a quick note to all owners of the ubiquitous Bearcat 100XLT or 200XLT:

If you have modded the unit with a light switch to keep the backlight on at all times, you might want to make sure when you're changing battery packs, or temporarily disconnecting the pack for some reason, make sure that you turn the light switch off until you get power back to the terminals. I found out the hard way, and then by trial and error, that if the switch is left on and the power disconnected from the main unit, the memories are either all locked out or all unlocked, with reset of all memories a probable occurence. You'll save yourself a bit of aggravation if you simply turn off the light when the unit is off, thus insuring longer memory life while in storage. Any other similar experiences?

Sherrod

--
The opinions expressed are not necessarily those of the University of North Carolina at Chapel Hill, the Campus Office for Information Technology, or the Experimental Bulletin Board Service.
internet: laUNChpad.unc.edu or 152.2.22.80

1149. Re: Freqs for Upper Michigan

Newsgroup: rec.radio.scanner
Date: 1994-02-18 01:55:34 UTC
From: mike@node_21033
Message-ID: <CLEDCn.Kx1@csc.ti.com>
Source record: 276957

Matthew S. Adkins (msadkins@mtu.edu) wrote:

: Does anyone have any frequencies for anything Houghton, Michigan
: or Hancock, Michigan? That's Houghton and Keweenew counties. Would be
: much obliged.

: --
: Matthew S. Adkins Technician
: Michigan Tech University, CS Major MTU Sound & Light Serices
: Internet: msadkins@major.cs.mtu.edu Internet: msadkins@mtu.edu
:
: "As MTU has no opinions, my opinions "The fastest way to accelerate a
: couldn't possibly be theirs." Macintosh is 9.8 m/s^2."

These are a bit dated (1990), but I lived U.P. there long enough to know that
they probably haven't changed.

Houghton city
155.0-25 Gov't
155.76 Gov't

Houghton county
45.4 Gov't
155.865 Gov't
155.37 Police
155.415 Police
155.97 Police

Hancock
153.815 Gov't

Mich. DNR
44.64
44.8
44.84

Mich. State Police
42.58
42.68
154.905
154.92
155.37

MTU
155.895 "Gov't"
155.16 "Emergency"

Happy Listening, Michael mike@sh-gpl.ti.com

1150. Re: Future of Scanning (DDS)

Newsgroup: rec.radio.scanner
Date: 1994-02-18 04:27:07 UTC
From: myers@sunspot.West.Sun.COM
Message-ID: <2k1g2sINNm55@abyss.West.Sun.COM>
Source record: 276958

In article <CLCt76.E0D@noose.ecn.purdue.edu> kronz@schooley.ecn.purdue.edu (Jason A Kronz) writes:
>Im no expert by any means but here's what I think...:
>
>DDS does basically take a digital input and create a signwave that
>you can use in mixing etc..And recievers like aor-1500 and I imagine
>yupiteramvt7100 use such chips to get the superwide freq range:
>
>BUT, these to my knowledge do not take the place of the PLL...

Well, you're mostly right so far. But, DDS is highly constrained in terms of the frequencies that can be synthesized, for one thing.

>Even thought they create the signwave the do not lock onto the phase
>of the incomming signal thus a PLL is still needed... Like I said
>before I may be totally wrong on this (technology just seems to move
>TOOOO fast anymore)

Oops. Phase-locked-loops, in the context of scanning receivers, do not generally lock onto the phase of the incoming signal. The phase-locked-loop is usually used to stabilize the frequency of a variable frequency oscillator to a desired value.

>Really DDS chips are the best thing to hit the market as far as
>homebrew equipment... With all the govnment regulation going on
>in a couple years we all may have to secretly build our recievers
>at home (I hope it doesn't come to this!) And DDS will make that
>job Incredible easier!

Can you explain how DDS chips makes the job of building a receiver incredibly easier?

--
* Dana H. Myers KK6JQ, DoD 466 | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* This Extra supports the abolition of the 13 and 20 WPM tests *

1151. NEED FREQS : Ames Iowa

Newsgroup: rec.radio.scanner
Date: 1994-02-18 06:05:30 UTC
From: tarjan@iastate.edu
Message-ID: <2k1lra$q2v@news.iastate.edu>
Source record: 276959

I need the Ames Ia freq list.. (Or ISU.. same place :>)

thanks..

```
--
/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\
| /\/\ | | | | | tarjan@iastate.edu |
| / \ 00. . . () (cDc RuleZ!!!!!!!) |
\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/
```

1152. FOR SALE - Kenwood SW Receiver

Newsgroup: rec.radio.scanner
Date: 1994-02-18 07:45:34 UTC
From: Kenneth.Guthrie@launchpad.unc.edu
Message-ID: <2k1rmu$n7d@samba.oit.unc.edu>
Source record: 276960
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Thanks for reading this post. I have a Kenwood R-2000 shortwave receiver for sale. It is in EXCELLENT condition and has the owners manual and the original shipping carton.

Major features:

Variable tuning speeds
Ten memories
Memory and Band scan
Dual clocks with a timer
Built-in AC power supply

Price: $350.00

Call (919)942-2279 or E-mail Kenneth.Guthrie@launchpad.unc.edu

Thanks.

--
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internet: laUNChpad.unc.edu or 152.2.22.80

1153. BC25000XLT For Sale

Newsgroup: rec.radio.scanner
Date: 1994-02-18 13:53:24 UTC
From: men0@ns1.cc.lehigh.edu
Message-ID: <1994Feb18.135324.123127@ns1.cc.lehigh.edu>
Source record: 276961

I have a Uniden BC25000XLT for sale. Near new, including manuals, original packing, etc. Asking $250 or make an offer. Contact Michael Nagel at (215) 758-4510 or call my pager (215) 309-1418 - enter the telephone number after the beeps.

--

Michael E. Nagel
Office of Development

1154. My BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-02-18 15:12:08 UTC
From: trig@uncvx1.oit.unc.edu
Message-ID: <1994Feb18.111208.1@uncvx1.oit.unc.edu>
Source record: 276962

I bought a Uniden BC2500XLT scanner from Communictios Electronics Inc. out of Ann Arbor, MI in December. I really like the look and feel of the radio; it offers numerous improvements over the BC200XLT, especially useful is the 100 cps speed and auto search-and-store. HoweverI was really dissapointed to learn that my BC2500 does not actually receive Wide-band FM. The frequencies appear on the display during "search" and they can be stored as channels, but several weird things happen:
- The scanner searchs these frequencies much slower than the specified 20 or 100 cps, even in turbo mode
- The scanner never stops during a search of WFM freqs, even with the squelch turned all the way down (or up?)
- When a WFM freq is programmed, the scanner stops on it during scan, but there is no sound at all.

Has anyone had a similar experience with this radio? I am somewhat new to the net so please forgive any repetition. I am just eager to know if there is something wrong with my scanner or if the specified range of the radio by Uniden is simply not true.
Thanks in advance for any comments.

==========
Thomas Graham trig@uncvx1.oit.unc.edu

University of North Carolina
Chapel Hill, NC
Celebrating 200 years of public higher education in the USA

1155. Airport Iders

Newsgroup: rec.radio.scanner
Date: 1994-02-18 15:20:00 UTC
From: mike.cocke@cencore.com
Message-ID: <6e.162.795.0N665F59@cencore.com>
Source record: 276963

```
JH> >AIRPORT STATE CITY
EWR NJ Newark International

Mike-

* RM 1.2 01312 * Long past innocence and fast approaching apathy...
```

1156. Re: Scanner for airlines

Newsgroup: rec.radio.scanner
Date: 1994-02-18 15:35:16 UTC
From: cravitma@cps.msu.edu
Message-ID: <2k2n7k$jqg@msuinfo.cl.msu.edu>
Source record: 276964

On Thu, 17 Feb 1994 21:40:00 GMT, strange alien beings caused Dave Bushong
(dbushong@wang.com) to write:
> jeff@overbor.greenlee.com (Jeff) writes:

> >Re: Master list of airlines and their policy regarding use of scanne

> >American allowed me to use my VHF/UHF tracseiver on board.

> It appears that you were in violation of 97.11(c) of the FCC rules and
> regulations.

Not if he had permission from the pilot. According to FCC Part 97, the
only requirements that an amateur transmitter on board an aircraft
have are :

1. The antenna and transmitter must be installed separately
and independantly of the plane's other systems
2. You must have approval of the pilot in command.

/Matthew

--
Matthew Cravit, N9VWG | All opinions expressed here are
Michigan State University | my own. I don't speak for MSU
East Lansing, MI 48825 | and they don't speak for me (luckily
E-Mail: cravitma@cps.msu.edu | for both of us).

1157. Re: Scanning Digital Transmission

Newsgroup: rec.radio.scanner
Date: 1994-02-18 15:45:33 UTC
From: smithrh@rtsg.mot.com
Message-ID: <2k2nqt$nkf@delphinium.cig.mot.com>
Source record: 276965

In article <evidenceCLCv8D.Cnr@netcom.com>, evidence@netcom.com (Evidence) writes:
|>
|> In the next 20-30 years many VHF/UHF frequencies will be switched over to
|> Digital spread spectrum transmission. Already, some police agencies and
|> government agencies, as well as private industry are planning the switch.
|>
|> Will this end scanning as wel know it? Will scanning be limited to those
|> who are "Authorized"?
|>
|> Comments are welcome.
|>
|> Evidnence, Inc.

Yup. Have fun now kids, it'll be over soon...

Randy

--
==
Randall H. Smith Motorola, Inc.
smithrh@cig.mot.com Cellular Infrastructure Group
(708) 632-7707 Arlington Heights, IL USA
==

1158. Re: Scanner for airlines

Newsgroup: rec.radio.scanner
Date: 1994-02-18 15:59:15 UTC
From: bmiller@landesk.intel.com
Message-ID: <2k2okj$198@ornews.intel.com>
Source record: 276966

In article <CLE1Iq.5CE@wang.com> dbushong@wang.com (Dave Bushong) writes:
>jeff@overbor.greenlee.com (Jeff) writes:
>
>>Re: Master list of airlines and their policy regarding use of scanne
>
>>American allowed me to use my VHF/UHF tracseiver on board.
>
>It appears that you were in violation of 97.11(c) of the FCC rules and
>regulations.
>
>--
>Dave Bushong, Wang Laboratories, Inc.

PLEASE PLEASE PLEASE lets not start this AGAIN! This discussion pops up
on every rec.radio. group about every 8 months. There are really no clear
answers to this. Some airlines let you have HT sometimes, others don't.
Rules or no rules, your on their plane and whichever poorly trained employee
tells you do something with your radio, you pretty much have to comply unless
you appeal to high authority.

Lets drop this. I think they even put this in the rec.radio.amateur.misc FAQ!

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1159. Pro-2006 va. AR2500 vs. ?

Newsgroup: rec.radio.scanner
Date: 1994-02-18 16:29:00 UTC
From: Scott.Fabbri@launchpad.unc.edu
Message-ID: <2k2qcc$ams@samba.oit.unc.edu>
Source record: 276967
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Hi, all,

I'm thinking of buying an "upgrade" scanner. I'm kind of leaning toward a Rat Shack PRO-2006, but I heard the AOR AR2500 was a good one, too. My problem is that I live in a heravily urban area (Washington, DC) and need plenty o' channels to organize the stuff I listen to. Therefore, I want at least 400, and more is better. I also want military air freqs; shortwave is OK, but not necessary.

Is there anyone out there with useful info to help me make the decision? The 2006 is cheaper, but I've heard it's great for the money. I can live with buying a separate shortwave receiver later on.

Also, has anyone done any of the mods to the 2006, especially the 'more channels' one? If so, how easy are they? (I can wield a soldering iron, but I'd rather give it to someone I know who does it for a living.)

Thanx in advance,

Scott
--
The opinions expressed are not necessarily those of the University of North Carolina at Chapel Hill, the Campus Office for Information Technology, or the Experimental Bulletin Board Service.
internet: laUNChpad.unc.edu or 152.2.22.80

1160. Re: Future of Scanning (DDS)

Newsgroup: rec.radio.scanner
Date: 1994-02-18 18:23:16 UTC
From: steve@hi.com
Message-ID: <steve-180294132018@brainiac.hi.com>
Source record: 276968

In article <LINNIG.94Feb16153209@m2000.dseg.ti.com>,
linnig@m2000.dseg.ti.com (Mike Linnig) wrote:
> One of the reasons I mentioned software was that I felt that a lot of tricks
> could be done in software that are not being done today.
>
> My BC200 has a priority feature that periodically looks at a priority channel
> while I hear non-priority audio. To do this, the BC200 retunes (slowly) to the
> priority channel and then back. This generates an annoying audio dropout that
> causes me to not use the feature.
>
> With fast tuning, this dropout wouldn't happen. In fact, you could use
> software to assign relative priorities and have the radio check many other
> frequencies while you are listening to the driveup window audio at McDonalds.

The dropout is not related to the speed of the software; it is caused by
the physics behind the design of the analog circuitry in the frequency
synthesizer.

You cannot change frequencies quickly without spending big bucks on the RF
circuitry in the frequency synthesizer.

Steve Byan internet: steve@hicomb.hi.com
Hitachi Computer Products (America), Inc.
1601 Trapelo Road phone: (617) 890-0444
Waltham, MA 02154 FAX: (617) 890-4998

1161. Freq's from Univ. of MD police/fire

Newsgroup: rec.radio.scanner
Date: 1994-02-18 18:31:45 UTC
From: achern@wam.umd.edu
Message-ID: <2k31ih$o2t@cville-srv.wam.umd.edu>
Source record: 276969

I realize this is a bit specific, but I haven't been able to hunt
these frequencies down through local newsgroups, bbs's or any
lists I've found. If anyone out there has the frequencies that
the University of Maryland at College Park use for Police and Fire,
or if you know where I might find this information (they're hush-hush
about it) please let me know. Any help would be appreciated.

Alex

1162. Cordless and baby freqs

Newsgroup: rec.radio.scanner
Date: 1994-02-18 18:45:17 UTC
From: grady@netcom.com
Message-ID: <gradyCLFo3I.5Mv@netcom.com>
Source record: 276970

Oddly enough this is not in the faq...

What are the frequencies for cordless phones
and baby monitors?

Alternatively, where are the frequency lists
archived? (I've already looked at several ham radio
sites without success.)

--
Grady Ward | compiler of Moby lexicons: | finger grady@netcom.com
+1 707 826 7715 | Words, Hyphenator, Part-of-Speech | for more information
(voice/24hr FAX) | Pronunciator, Thesaurus | 15 E2 AD D3 D1 C6 F3 FC
grady@netcom.com | and Language; all royalty-free | 58 AC F7 3D 4F 01 1E 2F

1163. Re: Scanner for airlines

Newsgroup: rec.radio.scanner
Date: 1994-02-18 18:48:01 UTC
From: reece@eco.twg.com
Message-ID: <2k32h1$rum@scoop.eco.twg.com>
Source record: 276971

In article <2k2n7k$jqg@msuinfo.cl.msu.edu>, cravitma@cps.msu.edu (Matthew B Cravit) writes:
|>On Thu, 17 Feb 1994 21:40:00 GMT, strange alien beings caused Dave Bushong (dbushong@wang.com) to write:
|>> jeff@overbor.greenlee.com (Jeff) writes:
|>
|>> >Re: Master list of airlines and their policy regarding use of scanne
|>
|>> >American allowed me to use my VHF/UHF tracseiver on board.
|>
|>> It appears that you were in violation of 97.11(c) of the FCC rules and
|>> regulations.
|>
|>Not if he had permission from the pilot. According to FCC Part 97, the
|>only requirements that an amateur transmitter on board an aircraft
|>have are :
|>
|> 1. The antenna and transmitter must be installed separately
|> and independantly of the plane's other systems
|> 2. You must have approval of the pilot in command.

He must still comply with the FAA regulations, since the operation occured within a U.S.-registered aircraft. Quoted verbatim (and I tried to proof-read this one) from the Federal Aviation Regulations:

Part 91 -- General Operating and Flight Rules

91.21 PORTABLE ELECTRONIC DEVICES
(a) Except as provided in paragraph (b) of this section, no person may operate, nor may any operator or pilot in command of an aircraft allow the operation of, any portable electronic device on any of the following U.S.-registered civil aircraft:
(1) Aircraft operated by a holder of an air carrier operating certificate or an operating certificate; or
(2) Any other aircraft while it is operated under IFR.
(b) Paragraph (a) of this section does not apply to --
(1) Portable voice recorders;
(2) Hearing aids;
(3) Heart pacemakers;
(4) Electric shavers; or
(5) Any other portable electronic device that the operator of the aircraft has determined will not cause interference with the navigation or communication system of the aircraft on which it is to be used.
(c) In the case of an aircraft operated by a holder of an air carrier

operating certificate or an operating certificate, the determination required by paragraph (b)(5) of this section shall be made by that operator of the aircraft on which the particular device is to be used. In the case of other aircraft, the determination may be made by the pilot in command or other operator of the aircraft.

Interpretation:

1. Unless the air carrier has explicitly authorized the use of the device, or its use is explicitly authorized by 91.21(b), its use is not permitted. 91.21(a)(1).

2. For air carriers, such as American Airlines in this case, the authority to authorize operation of a portable electronic device under 91.21(b)(5) lies with the aircraft operator (i.e. American Airlines), not with the pilot in command. 91.21(c).

3. Different air carriers are explicitly permitted to have differing standards regarding this section. In plain language, if Delta permits a device on its aircraft, that does not mean that United has to permit the same device on its aircraft. 91.21(c).

1164. Re: dtmf decoder circuits

Newsgroup: rec.radio.scanner
Date: 1994-02-18 18:58:30 UTC
From: dans@rehab1.UUCP
Message-ID: <996@rehab1.UUCP>
Source record: 276972

In article <ross-170294092031@earl.llnl.gov> ross@novax.llnl.gov (Gary Ross) writes:
>In article <1994Feb16.154923.3789@ivax>, rkeefe@indyvax.iupui.edu (Robert
>Keefe) wrote:
>>
>> HB Technologies
>> P.O Box 2771
>> Spring Valley, CA 91979
>>
>> was listed in Scanner Modification Handbook, Vol. 2
>> as a source for a DTMF decoder circuit. Mail to them
>> was returned as undeliverable. Does anyone have another
>> source for circuit plans or a correct address for HB?
>
>HB went under some time ago. Bill Cheek printed the plans in is newsrag
>recently. I think a similar circuit is in the ARRL yearly book.
>
Anyone care to post this to the net? Or give details on what issue and
where/how to obtain a copy?

-Dan

--
Reading Rehabilitation Hospital |\ /| * *
Dan Schein - Information Systems 'O.O' * UNDER CONSTRUCTION *
RD 1 Box 250 =(___)= * *
Reading, PA 19607 U -=[rehab1!dans@canal.org]=-

1165. MVT 7100

Newsgroup: rec.radio.scanner
Date: 1994-02-18 19:01:00 UTC
From: marc.tebeka@spacebbs.com
Message-ID: <6.3779.1585.0NAE8553@spacebbs.com>
Source record: 276973

Does anyone know anything about the MVT 7100 Scanner? How does it compare to american made scanners?

Marc

1166. DTMF Decoding with Sound Blaster

Newsgroup: rec.radio.scanner
Date: 1994-02-18 19:17:17 UTC
From: mhardy@btree.brooktree.com
Message-ID: <1994Feb18.191717.18327@btree.brooktree.com>
Source record: 276974

The comment was made that you can use a Sound Blaster to decode DTMF.
Has someone written a program to do this or do you just teach the Sound
Blaster the tones and have the Sound Blaster type in a 1,2,3,...#

Any info is appreciated.
mhardy@brooktree.com

1167. Discone antennas

Newsgroup: rec.radio.scanner
Date: 1994-02-18 19:44:19 UTC
From: kwong@ee.ualberta.ca
Message-ID: <2k35qj$eam@quartz.ucs.ualberta.ca>
Source record: 276975

Has anyone used the discone scanner antenna ($79.95 CDN) from Radio Shack?
How does it compare in terms of reception and durability with the
various discones advertised by other manufactueres in magazines (usually
for about $40 US)?

1168. Yupiteru 7100/antenna mismatching question

Newsgroup: rec.radio.scanner
Date: 1994-02-18 21:01:17 UTC
From: uhap023@vax.rhbnc.ac.uk
Message-ID: <1994Feb18.210117.1@vax.rhbnc.ac.uk>
Source record: 276976
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I am attempting to use a recently acquired Yupiteru 7100 for monitoring the VHF TV bands for DXTV signals. However the performance is no better than the TV tuner/upconverter system I have been using for some time. I would have expected to be able to hear the AM vision buzz long before a picture is strong enough to appear on the TV but not so. Using my band-I yagi (40-80MHz) there often seems to be a high level of "noise" present -ie. several of the signal strength indicator digits are lit but no "busy" and just hiss/hash when "monitor" is pressed. Performance in general seems OK with the telescopic aerial so I don't think the scanner is faulty. Being TV aerials they and the cabling are 75 Ohm but the scanner is expecting 50 Ohm. So my question is: Is the problem likely to be mismatching? How sensitive in practice is the scanner likely to be to it? Would a 75-50 Ohm matching Balun/transformer be what I need? Finally its *just conceivable* the coax downlead might have been damaged (ie. crimped somewhere etc.) in some way which affects its transmission properties but does not prevent it checking out OK on DC continuity tests. I have the impression that its performance is not as good as it used to be but no hard evidence against it unfortunately. This could of course exacerbate mismatching problems.
Thanks...
Tom.

Tom Crane, Dept. Physics, Royal Holloway, University of London, Egham Hill,
Egham, Surrey, TW20 0EX, England.
JANET: UHAP023@UK.AC.RHBNC.VAX
Internet: UHAP023@vax.rhbnc.ac.uk
Bitnet/EARN: UHAP023@vax.rhbnc.ac.uk OR UHAP023%uk.ac.rhbnc.vax@UKACRL
SPAN: 19.851

1169. "Fireground"

Newsgroup: rec.radio.scanner
Date: 1994-02-18 21:11:26 UTC
From: jkearman@arrl.org
Message-ID: <1994Feb18.211126.10402@arrl.org>
Source record: 276977

I goofed and posted this to the shortwave group yesterday. Since nobody answered, I don't feel so bad about reposting it here.

In Connecticut, fire companies are often assigned two frequencies. One is "local operations," the other is "fireground." I'm wondering about the use of 'fireground.'

Is this term used elsewhere? What's it mean/how did it come about?

Thanks.

Good listening.

Jim

jkearman@arrl.org

1170. To: rec.radio.scanner@dispatch.demon.co.uk

Newsgroup: rec.radio.scanner
Date: 1994-02-18 21:15:50 UTC
From: dplumb@cix.compulink.co.uk
Message-ID: <memo.500385@cix.compulink.co.uk>
Source record: 276978

> From: jer@fc.hp.com (Jer/ Eberhard)
> Subject: Re: Airport Iders 01
> Lines: 12965

> Airport Identifiers:

> 00C:GOBLES, MI:WESLER FIELD:812:03:0:42:21.0:85:53.3:122.900:CHICAGO
> 00CA:BARSTOW, CA:GOLDSTONE /GTS/:3038:-14:0:35:21.0:116:53.3::LOS ANGELES

That was well over the top, couldn't you have mailed it to the person? I paid a fortune to download it, and it is of no interest and use to me at all. Please consider those who don't want to read large messages as well as those who do.

+-----------------------------------+---------------------------------------+
| Dave Plumb, Potters Bar, Herts, UK.| Internet: dplumb@cix.compulink.co.uk |
+-----------------------------------+---------------------------------------+
| Fidonet : 2:252/21.27 | Packet : G7MIL @ GB7HSN.#32.GBR.EU |
+-----------------------------------+---------------------------------------+

1171. Re: My BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-02-18 21:23:18 UTC
From: bmiller@landesk.intel.com
Message-ID: <2k3bk6$c6q@ornews.intel.com>
Source record: 276979

Sounds like there is something wrong with your 2500XLT. I don't think I have tried to search FM BCB or TV band but if I program in a frequency it works fine. Oh, I just remembered something. When you use WFM you really have to open the squelch up ALL THE WAY. This is not particular to the 2500. It is the same on my R-7000, 2005, and 2SRA. So searching wideband freqs really doesn't work too well. I don't know why you would want to though. The TV freqs are known as are FM BCB. Maybe you just need a list of TV audio freqs. There really isn't anything else broadcast in WFM. So chances are your 2500 is fine. BUT, if you program in a WFM freq and then open the squelch all the way and you dont hear anything, then you may have a problem. Test it out on a local FM station.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1172. Re: Discone antennas

Newsgroup: rec.radio.scanner
Date: 1994-02-18 21:40:48 UTC
From: bmiller@landesk.intel.com
Message-ID: <2k3cl0$chk@ornews.intel.com>
Source record: 276980

In article <2k35qj$eam@quartz.ucs.ualberta.ca> kwong@ee.ualberta.ca (Kevin Mark Wong) writes:
>Has anyone used the discone scanner antenna ($79.95 CDN) from Radio Shack?
>How does it compare in terms of reception and durability with the
>various discones advertised by other manufactueres in magazines (usually
>for about $40 US)?

I don't recall seeing too many discones advertised for $40 but as far as performance is concerned, discones are good wide-band antennas, but if they do not have a vertical element sticking up at the top, its frequency range will probably bottom out at about 100MHz. The Diamond discone has better construction than the RS and HAS the vertical element. It is probably the most cost effective discone I have seen. (about US$80)

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1173. Re: Scanner for airlines

Newsgroup: rec.radio.scanner
Date: 1994-02-18 22:18:38 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2k3eru$ll5@samba.oit.unc.edu>
Source record: 276981

In article <2k2n7k$jqg@msuinfo.cl.msu.edu>,
Matthew B Cravit <cravitma@cps.msu.edu> wrote:
>On Thu, 17 Feb 1994 21:40:00 GMT, strange alien beings caused Dave Bushong
(dbushong@wang.com) to write:
>> jeff@overbor.greenlee.com (Jeff) writes:
>> >American allowed me to use my VHF/UHF tracseiver on board.
>
>> It appears that you were in violation of 97.11(c) of the FCC rules and
>> regulations.
>

<Rest deleted>

AGGGGHHHHH!!!!!! NOT AGAIN!!!!

(In the background, several shots are heard in quick succession. We're
not sure if that was the reader of this newsthread killing himself in
frustration cuased by seeing this thread for the umpteenth time, or if it
was the KILL file kicking in and knocking off this seemingly deathless
subject.)

--
The opinions expressed are not necessarily those of the University of
North Carolina at Chapel Hill, the Campus Office for Information
Technology, or the Experimental Bulletin Board Service.
internet: laUNChpad.unc.edu or 152.2.22.80

1174. Re: Scanner for airlines

Newsgroup: rec.radio.scanner
Date: 1994-02-18 22:22:52 UTC
From: clifto@indep1.chi.il.us
Message-ID: <2729@indep1.chi.il.us>
Source record: 276982

In article <CLE1Iq.5CE@wang.com> dbushong@wang.com (Dave Bushong) writes:
>jeff@overbor.greenlee.com (Jeff) writes:
>>American allowed me to use my VHF/UHF tracseiver on board.
>
>It appears that you were in violation of 97.11(c) of the FCC rules and
>regulations.

97.11 Stations aboard ships or aircraft.
(c) The station must not constitute a hazard to the safety of life or property. For a station aborad an aircraft, the apparatus shall not be operated while the aircraft is operating under Instrument Flight Rules, as defined by the FAA, unless the station has been found to comply with all applicable FAA rules.

So, Dave, you apparently assume either that he endangered life or property, or that the flight was entirely hard IFR and no one found the transceiver to comply with FAA rules. Perhaps you'll tell us why you thought that.
However, apparently American, or the pilot of the flight, thought otherwise, in which case Jeff was NOT in violation.
The pilot was there; you weren't; I side with the pilot.

--
+---+
| Cliff Sharp | |
| WA9PDM | |
+---+

1175. Re: To: rec.radio.scanner@dispatch.demon.co.uk

Newsgroup: rec.radio.scanner
Date: 1994-02-18 22:29:20 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2k3fg0$n8f@bigfoot.wustl.edu>
Source record: 276983

Dave Plumb (dplumb@cix.compulink.co.uk) wrote:

: > From: jer@fc.hp.com (Jer/ Eberhard)
: > Subject: Re: Airport Iders 01
: > Lines: 12965

: > Airport Identifiers:

: > 00C:GOBLES, MI:WESLER FIELD:812:03:0:42:21.0:85:53.3:122.900:CHICAGO
: > 00CA:BARSTOW, CA:GOLDSTONE /GTS/:3038:-14:0:35:21.0:116:53.3::LOS ANGELES

: That was well over the top, couldn't you have mailed it to the person? I paid
: a fortune to download it, and it is of no interest and use to me at all.
: Please consider those who don't want to read large messages as well as those
: who do.

I don't know about you, but I check the news BEFORE I download it. I find
it more time effective. Granted it was kind of long, but this is usenet--
he has the freedom to post long articles -- as long as he doesn't do it
too frequently. And even then, he still has the right.

--jesse

1176. Re: Discone antennas

Newsgroup: rec.radio.scanner
Date: 1994-02-18 22:42:16 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Feb18.224216.26528@rsg1.er.usgs.gov>
Source record: 276984

In article <2k35qj$eam@quartz.ucs.ualberta.ca>, kwong@ee.ualberta.ca (Kevin Mark Wong) writes:
|> Has anyone used the discone scanner antenna ($79.95 CDN) from Radio Shack?
|> How does it compare in terms of reception and durability with the
|> various discones advertised by other manufactueres in magazines (usually
|> for about $40 US)?

I have one and like it for it's performance over 130 Mhz. A discone is good for a 'decade' of coverage - 30 Mhz to 300 Mhz, 100 Mhz to 1000 Mhz or 130 Mhz to 1300 Mhz. Radio Shack is not really honest when they say that it covers 25-1300 Mhz. Sure, it works below 130 Mhz, but the performance drops way off. Note also that discone antennas have no gain and are useless for applications where the signal is above the horizon (such as for shuttle reception). Discone antennas are very versatile for amateur use since they can be used to transmit through their 'decade'.

There are some modified discone antennas on the market that will perform below the 'decade'. The one sold by Grove is made by diamond and it has an additional vertical element mounted on top. This provides coverage down to 25 Mhz and some have had good luck even lower. I don't know how this top element changes the transmit characteristics.

I notice that the Radio Shack discone has a handy threaded stub on top and I have thought about adapting a mobile CB antenna to this. Somebody once told me that a CB antenna is what is used atop those with top elements.

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

1177. Hand-held, bugs, and microphone freqs

Newsgroup: rec.radio.scanner
Date: 1994-02-18 22:55:06 UTC
From: rflood@cis.umassd.edu
Message-ID: <CLFznv.HE9@umassd.edu>
Source record: 276985

I recently saw a show about how PI's find bugs and other stuff. They used scanners in alot of what they did. Does any one have freqs for any of this stuff .....

Hand-Held Radio's, Baby Monitors, Bugs, Microphones, ect ....

I remeber seeing a list a few years ago, but have long forgotten where.
Thanks in Advance!!!

-Rich

1178. Re: MVT 7100

Newsgroup: rec.radio.scanner
Date: 1994-02-18 23:29:15 UTC
From: schuster@panix.com
Message-ID: <2k3j0b$rbn@panix2.panix.com>
Source record: 276986

In article <6.3779.1585.0NAE8553@spacebbs.com>,
Marc Tebeka <marc.tebeka@spacebbs.com> wrote:
>
>Does anyone know anything about the MVT 7100 Scanner? How does it
>compare to american made scanners?

Arguably the best handheld scanner ever made.
I have a huge file of reviews on the MVT-7100; I'll email it to you.

Your second question is impossible to answer; there are no American made
scanners.
--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1179. Re: Yupiteru 7100/antenna mismatching question

Newsgroup: rec.radio.scanner
Date: 1994-02-19 00:21:31 UTC
From: schuster@panix.com
Message-ID: <2k3m2b$t66@panix2.panix.com>
Source record: 276987

In article <1994Feb18.210117.1@vax.rhbnc.ac.uk>,
Tom Crane <uhap023@vax.rhbnc.ac.uk> wrote:
>I am attempting to use a recently acquired Yupiteru 7100 for monitoring the VHF
>TV bands for DXTV signals. However the performance is no better than the TV
>tuner/upconverter system I have been using for some time. I would have expected
>to be able to hear the AM vision buzz long before a picture is strong enough to
>appear on the TV but not so. Using my band-I yagi (40-80MHz) there often seems
>to be a high level of "noise" present -ie. several of the signal strength
>indicator digits are lit but no "busy" and just hiss/hash when "monitor" is
>pressed. Performance in general seems OK with the telescopic aerial so I don't
>think the scanner is faulty. Being TV aerials they and the cabling are 75 Ohm
>but the scanner is expecting 50 Ohm. So my question is: Is the problem likely
>to be mismatching? How sensitive in practice is the scanner likely to be to it?
>Would a 75-50 Ohm matching Balun/transformer be what I need? Finally its *just
>conceivable* the coax downlead might have been damaged (ie. crimped somewhere
>etc) in some way which affects its transmission properties but does not prevent
>it checking out OK on DC continuity tests. I have the impression that its
>performance is not as good as it used to be but no hard evidence against
>it unfortunately. This could of course exacerbate mismatching problems.

My guess is that the "noise" you are hearing is due to intermodulation
products that are symptomatic of front end overload. You may be feeding it
more signal than it can handle.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1180. Re: Pro-2006 va. AR2500 vs. ?

Newsgroup: rec.radio.scanner
Date: 1994-02-19 00:49:22 UTC
From: info@absystems.com
Message-ID: <2k3nmi$jj@inxs.concert.net>
Source record: 276988

In article <2k2qcc$ams@samba.oit.unc.edu> Scott.Fabbri@launchpad.unc.edu (Scott M. Fabbri) writes:
> Hi, all,
> >
> Is there anyone out there with useful info to help me make the decision?
> The 2006 is cheaper, but I've heard it's great for the money. I can live
> with buying a separate shortwave receiver later on.
>
> Also, has anyone done any of the mods to the 2006, especially the 'more
> channels' one? If so, how easy are they? (I can wield a soldering iron,
> but I'd rather give it to someone I know who does it for a living.)
>
I have a PRO-2006 for sale that is about 3 months old and I am looking for $250 including FEDEX COD shipping, however if you are between Durham, North Carolina and DC, I will deliver at no charge. I am upgrading to the AR3000.

Dave
--
Paradigm Shift, Inc. (919) 682-8553 [Voice]
A NeXT Object Channel Member (919) 682-1126 [Fax]
NeXTMail Welcomed (temporary domain) info@absystems.com

1181. PRO-2006 for sale ($250.00) (NC-DC)

Newsgroup: rec.radio.scanner
Date: 1994-02-19 00:57:39 UTC
From: info@absystems.com
Message-ID: <2k3o63$nc@inxs.concert.net>
Source record: 276989

In article <2k3nmi$jj@inxs.concert.net> info@absystems.com (Paradigm Shift, Inc.) writes:
> >
> I have a PRO-2006 for sale that is about 3 months old and I am looking for $250
> including FEDEX COD shipping, however if you are between Durham, North Carolina
> and DC, I will deliver at no charge. I am upgrading to the AR3000.

By the way, I'll be in Washington on Saturday (picking up the AR-3000) so if you are in DC and you want it, call and leave me voice mail tonight.

Dave

> --
> Paradigm Shift, Inc. (919) 682-8553 [Voice]
> A NeXT Object Channel Member (919) 682-1126 [Fax]
> NeXTMail Welcomed (temporary domain) info@absystems.com
>

--
Paradigm Shift, Inc. (919) 682-8553 [Voice]
A NeXT Object Channel Member (919) 682-1126 [Fax]
NeXTMail Welcomed (temporary domain) info@absystems.com

1182. Cellular snooping devices

Newsgroup: rec.radio.scanner
Date: 1994-02-19 01:19:42 UTC
From: der@anomaly.sbs.com
Message-ID: <2k3pfe$99h@paperboy.ids.net>
Source record: 276990

I am currently doing a research project on cellular phone
conversations and the myth that the cellular industry likes to
propagate that cellular phone coversations are somehow "private".

I recall reading several months ago an article describing a
device which can be interfaced with several different scanners
that allows people to monitor cell calls, and display certain
information about the call - including "following" the call when
it changes cell locations.

I'd like to get some information about this product to include in my talk,
but can't find any reference to it. If someone knows what I'm
talking about (after all, I certinly don't :-) can you please
e-mail me the company name so I can contact them? I believe the
company name was CSI, and it was based in Canada somewhere...

Thanks,

Dave
--
-- Deacon David Ryan <der@vatican.cdp.org>
-- Chancellor, Financial Field Services
-- Church Of The Dead Presidents, Corporate Offices
-- "Religion is a big business. We're just honest about it..."

1183. Rich Barnett of Scanner Master to talk at Boston ARC 2/23

Newsgroup: rec.radio.scanner
Date: 1994-02-19 01:23:34 UTC
From: n1ist@netcom.com
Message-ID: <n1istCLG6JB.Ku0@netcom.com>
Source record: 276991
Cross-posted to: rec.radio.scanner,alt.radio.scanner

BOSTON AMATEUR RADIO CLUB 23 Feb 1993

Hams aren't the only ones who populate the VHF and UHF airwaves. Yes, you know about police, fire, and taxis. But what about ambulances, the Red Sox, dump trucks, cordless phones and the U S Marshals? By the way, did my water bill pay for MWRA radios that I can't receive?

The publisher and co-editor of the newly-released "Scanner Master Massachusetts Communications Guide" will be our guest at the BARC February meeting. With the fifth edition now complete, Rich Barnett, KA1PYJ, will give us some insight as to where the data comes from and how to deal with some of the newer services.

The "Scanner Master" books have been the authoritative and complete reference for government agencies and casual listeners alike for over 15 years. In addition to print media, the edited and annitated data are now available on disk and by online access. Rich will demonstrate how easy it is to get frequency, licensee and much other information.

Rich is also the scanner guru on America Online. This is a meeting you don't want to miss.

The meeting will be on Wednesday February 23rd at 19:30 at Lotus Development Corp., 1 Rogers Street, in Cambridge MA. Talkin on 145.23

--
\|/ Michael L. Ardai N1IST Teradyne ATG Boston
--- --
/|\ ardai@maven.dnet.teradyne.com n1ist@netcom.com

1184. Re: "Fireground"

Newsgroup: rec.radio.scanner
Date: 1994-02-19 02:13:44 UTC
From: mladair@mtu.edu
Message-ID: <2k3sko$n9l@pace1.cts>
Source record: 276992

Jim Kearman (KR1S) (jkearman@arrl.org) wrote:
: I goofed and posted this to the shortwave group yesterday.
: Since nobody answered, I don't feel so bad about reposting
: it here.

: In Connecticut, fire companies are often assigned two
: frequencies. One is "local operations," the other is
: "fireground." I'm wondering about the use of 'fireground.'

: Is this term used elsewhere? What's it mean/how did it
: come about?

: Thanks.

: Good listening.

: Jim

: jkearman@arrl.org

In my local area, fireground is on scene. Once in a while you will
hear "Clear the fireground" which means evacuate the building.

Matt
mladair@mtu.edu

1185. Re: Cordless phone frequencies

Newsgroup: rec.radio.scanner
Date: 1994-02-19 02:32:03 UTC
From: don@ucrvms.ucr.edu
Message-ID: <2k3tn3$aq2@galaxy.ucr.edu>
Source record: 276993

Here are the cordless phone frequencies....

49.670 46.610
49.770 46.710
49.830 46.770
49.845 46.630
49.860 46.670
49.875 46.730
49.890 46.830
49.930 46.870
49.970 46.970
49.990 46.930

The handsets use 49mhz's and the base units use the 46mhz.
Baby monitors use the 46mhz.

1186. Pro37 opinions wanted

Newsgroup: rec.radio.scanner
Date: 1994-02-19 03:15:36 UTC
From: sita@ecf.toronto.edu
Message-ID: <CLGBq1.GtE@ecf.toronto.edu>
Source record: 276994
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I'm looking for opinions on the Pro37 scanner. The frequency
coverage seems similar to the Pro43 except in the ranges of 220-512Mhz.
Is this a significant drawback? What would I be missing? How does the
sensitivity compare between the Pro37 and the 43?. The sound quality?

Any help would be much appreciated. Thanks!

(hmm. I wonder if there's a review of the Pro37 somewhere...)

1187. Re: Rich Barnett of Scanner Master to talk at Boston ARC 2/23

Newsgroup: rec.radio.scanner
Date: 1994-02-19 04:25:34 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2k44bu$14t@bigfoot.wustl.edu>
Source record: 276995
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Michael L. Ardai (n1ist@netcom.com) wrote:
: BOSTON AMATEUR RADIO CLUB 23 Feb 1993

. . .

: Rich is also the scanner guru on America Online. This is a meeting you
: don't want to miss.

: The meeting will be on Wednesday February 23rd at 19:30 at Lotus Development
: Corp., 1 Rogers Street, in Cambridge MA. Talkin on 145.23

I'm afraid I'll have to miss this one. :) I'm in stl and and don't yet have
access to the ham shack.
can you post any new information gleaned from the talk?

1188. Re: Sea-Tac scanning question

Newsgroup: rec.radio.scanner
Date: 1994-02-19 05:42:31 UTC
From: shc@netcom.com
Message-ID: <shcCLGIIw.EvA@netcom.com>
Source record: 276996

In article <2jtmq9$po7@hp-col.col.hp.com> cab@col.hp.com (Chris Best) writes:
>> I was just wondering if anyone knows what pilots are referring to when they
>> tell a controller thay are over "park". Thanks for any help.
>
>I don't have the sectional here, but here's what it might be: there are
>established "reporting points" that are used in communications with the
>tower (or approach), and lots of airports have some informal ones as well.
>The official ones are marked with a little flag - if you can look at the
>sectional for that area, you might see one of them is a park, or something
>named Park.
>
>If the park you watch from is that close to the airport, it probably isn't
>the one the pilots are talking about (even moreso if it's just a little
>one). Think more along the lines of 15 or 20 miles out.

I have an archaic set of Jepp approach plates for SEA & they show "Park" as the outer marker for rwys 16 L/R. Park is (was) located at 5.8 DME on the 338 radial of the SEA VOR. The identifier was SZ & the freq was 281.

NOTE: These appraoch plates are 20 years old, so don't trust any of this for anything important! For purposes of scanning, however, it may still be approximately correct.

Steve.

1189. Re: Yupiteru 7100/antenna mismatching question

Newsgroup: rec.radio.scanner
Date: 1994-02-19 06:18:01 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb19.061801.21351@hpcvaac.cv.hp.com>
Source record: 276997
Cross-posted to: rec.radio.scanner,alt.radio.scanner

uhap023@vax.rhbnc.ac.uk (Tom Crane) writes:
: I am attempting to use a recently acquired Yupiteru 7100 for monitoring the VHF
: TV bands for DXTV signals. However the performance is no better than the TV
: tuner/upconverter system I have been using for some time. I would have expected
: to be able to hear the AM vision buzz long before a picture is strong enough to
: appear on the TV but not so. Using my band-I yagi (40-80MHz) there often seems

The audio signal is typically 15 dB below the picture level. As such, you are
far more likely to get a picture buzz first.

Bill

1190. Re: Scanning Digital Transmission

Newsgroup: rec.radio.scanner
Date: 1994-02-19 06:33:32 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb19.063332.21646@hpcvaac.cv.hp.com>
Source record: 276998

smithrh@rtsg.mot.com (Randall H. Smith) writes:
: |>
: |> In the next 20-30 years many VHF/UHF frequencies will be switched over to
: |> Digital spread spectrum transmission. Already, some police agencies and
: |> government agencies, as well as private industry are planning the switch.
: |>
: |> Will this end scanning as wel know it? Will scanning be limited to those
: |> who are "Authorized"?

Maybe that will be the straw that causes our apathetic population to get
rid of a good hunk of your useless bureaucracy and their laws.

: Yup. Have fun now kids, it'll be over soon...

Don't count on it kiddo. What can be coded, can be decoded. Or, the radios
can be stolen. Yes, I know all about the reprogramming of the algorythm
that can be accomplished either on-line or off-line. But, just like with
everything else, if people want to listen bad enough, they will figure out
a way to do so - regardless of Motorola's fond wishes otherwise. Remember
Video-ciper, which was supposedly unbreakable (even the video portion)?
Seems it only took a year or two before that was proven to be false.

The day that I can no longer monitor the day to day operations of the police,
if I so desire, is the day that they are no longer my friends.

Bill

1191. Re: Pro-2006 va. AR2500 vs. ?

Newsgroup: rec.radio.scanner
Date: 1994-02-19 06:40:45 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb19.064045.21718@hpcvaac.cv.hp.com>
Source record: 276999

info@absystems.com (Paradigm Shift, Inc.) writes:
: > >
: > Also, has anyone done any of the mods to the 2006, especially the 'more
: > channels' one? If so, how easy are they? (I can wield a soldering iron,
: > but I'd rather give it to someone I know who does it for a living.)

Bill Cheek is the person who developed that mod. It is covered in his Scanner Modification Handbooks. If you are reasonably handy, it is not hard to do. However, he also does the mods. Someone should have his address or phone number available.

Bill

1192. Intermediate Freq.

Newsgroup: rec.radio.scanner
Date: 1994-02-19 07:33:09 UTC
From: msadkins@mtu.edu
Message-ID: <2k4fbl$o7h@pace1.cts>
Source record: 277000

Does anyone know how to find the intermediate frewquncy of a
Bearcat BC148XLT? Thanks.....
Or a mod for aircraft freqs. would be good.

--
Matthew S. Adkins Technician
Michigan Tech University, CS Major MTU Sound & Light Serices
Internet: msadkins@major.cs.mtu.edu Internet: msadkins@mtu.edu

"As MTU has no opinions, my opinions "The fastest way to accelerate a
couldn't possibly be theirs." Macintosh is 9.8 m/s^2."

1193. Re: "Fireground"

Newsgroup: rec.radio.scanner
Date: 1994-02-19 07:58:17 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2k4gqp$463@cronkite.ocis.temple.edu>
Source record: 277001

Jim Kearman (KR1S) (jkearman@arrl.org) wrote:
: In Connecticut, fire companies are often assigned two
: frequencies. One is "local operations," the other is
: "fireground." I'm wondering about the use of 'fireground.'
: Is this term used elsewhere? What's it mean/how did it
: come about?

Well, Fireground frequency here is used for exactly that, Fireground
operations, which is probably where the term originally popped up.
There is no real need for a repeater to be in use on a fireground, since
the portables (never work during a REAL fire anyway-but work great on drill)
The signal dosen't need to go much farther than the other end of the building,
but our county dispatchers listen to the fireground frequencies too, and since
we, Here in Montgomery county Pennsylvania, don't use a repeater for our
regular low band fire frequency, we use the fireground frequency if the
county needs the original dispatch frequency to dispatch more fire calls.

I don't know if I answered the question, but I tried. Any other
comments welcome on this one.

1194. Re: "Fireground"

Newsgroup: rec.radio.scanner
Date: 1994-02-19 08:19:41 UTC
From: msaran@pt.olympus.net
Message-ID: <2k4i2t$ac5@olympus.net>
Source record: 277002

For the most part in the NW US fireground means an on-scene freq. not dispatch. It is often a low power simplex freq. In Washington we have a state-wide low power freq of 153.82.

-m

Jim Kearman (KR1S) (jkearman@arrl.org) wrote:
: I goofed and posted this to the shortwave group yesterday.
: Since nobody answered, I don't feel so bad about reposting
: it here.

: In Connecticut, fire companies are often assigned two
: frequencies. One is "local operations," the other is
: "fireground." I'm wondering about the use of 'fireground.'

: Is this term used elsewhere? What's it mean/how did it
: come about?

: Thanks.

: Good listening.

: Jim

: jkearman@arrl.org

--
Mark Saran
msaran@pt.olympus.net

1195. Auto racing info needed

Newsgroup: rec.radio.scanner
Date: 1994-02-19 10:10:45 UTC
From: vhealey@crl.com
Message-ID: <2k4oj5$akm@crl2.crl.com>
Source record: 277003

I need frequencies and other tips regarding monitoring auto racing
at Atlanta 500 in Hampton Ga and Taladega's track in Taladega Al. This is
for some folks that bought bc200's to listen to crews, saftey etc. Either
leave message here or email me at vhealey@crl.com
Thanks

Victor Healey

KI4JE

1196. Re: AR-1000XLT & IC-R1 for beginner??

Newsgroup: rec.radio.scanner
Date: 1994-02-19 12:36:30 UTC
From: schuster@panix.com
Message-ID: <2k514e$pd0@panix.com>
Source record: 277004

In article <2k2rgn$sjf@fermat.mayo.edu>,
Michael Loewen <mloewen@mayo.edu> wrote:
>I am new to the scanner world and am looking for a portable scanner.
>I have narrowed it down to the ICOM IC-R1 and the AR-1000XLT. Does
>anyone have any comments on these scanners. Or do any of you have any
>other options. I am looking for a scanner that I don't have to make
>modifications to and still not have gaps.

The R1 is a poor choice as a primary/first scanner because it has serious
performance deficits due to design compromises for small size.

The AR1000 is complicated to program and suffers from poor quality control
(in units sold in the USA anyway) but is generally OK. The AR1500 costs
more and delivers less, except for manual SSB and useless auto-store
during search.

I'd grab the Radio Shack PRO-43 before it disappears and get someone to do
the 20 minute restoration mods.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1197. Re: To: rec.radio.scanner@dispatch.demon.co.uk

Newsgroup: rec.radio.scanner
Date: 1994-02-19 15:34:29 UTC
From: rjgrocho@aud.alcatel.com
Message-ID: <2k5bi5$dn2@rdxsunhost.aud.alcatel.com>
Source record: 277005

In article 500385@cix.compulink.co.uk, dplumb@cix.compulink.co.uk (Dave Plumb) writes:
>
>That was well over the top, couldn't you have mailed it to the person? I paid
>a fortune to download it, and it is of no interest and use to me at all.
>Please consider those who don't want to read large messages as well as those
>who do.
>

The "Subject" line was quite clear on the "Airport Identifiers" post, could you not have simply ignored it? I did. I saw it was multi-part and not of particular interest to me, and so I passed it by. Is your newsreader structured such that you *must* download to read the Subject or determine the number of parts to a post?

The reason I'm defending this is that I don't want to see "meaningful" data going away. Sometimes (such as in the alt.binary.* groups), size *is* important. I'd sooner see the constant requests of "I need the frequencies for Baby Monitors in Podunk Iowa" go away. Buying a book of frequencies was one of the very first things I did when I began scanning (more years ago than I care to remember).

Just wondering . . .

RG

1198. dtmf decoder circuits

Newsgroup: rec.radio.scanner
Date: 1994-02-19 16:48:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <761680455.AA02196@rochgte.fidonet.org>
Source record: 277006

> From: rkeefe@indyvax.iupui.edu (Robert Keefe)

> HB Technologies
> P.O Box 2771
> Spring Valley, CA 91979

> was listed in Scanner Modification Handbook, Vol. 2
> as a source for a DTMF decoder circuit. Mail to them
> was returned as undeliverable. Does anyone have another
> source for circuit plans or a correct address for HB?

According to the World Scanner Report of Nov/Dec, 1993, HB Technologies
went out of business near the end of 1992. A new source for the chips is:

BG Micro
PO Box 280298
Dallas, TX, 75228

A letter in the January, 1994 issue of WSR says that BG's price for the
decoder chip is $2.25 (probably plus mailing).

1199. new PRO-43 mod available

Newsgroup: rec.radio.scanner
Date: 1994-02-19 16:52:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <761680455.AA02197@rochgte.fidonet.org>
Source record: 277007

The January, 1994 edition of World Scanner Report contains instructions for a memory expansion for the PRO-43!

WSR is published by Bill Cheek, author of the [in]famous Scanner Modification Handbook Vols 1 and 2. If interested, you can write to:

Commtronics Engineering
PO Box 262478
San Diego, CA, 92196-2478

Disclaimer - I have no connection with Bill Cheek's businesses except as a happy customer.

1200. Modiications and Restoration for BC8500XLTT

Newsgroup: rec.radio.scanner
Date: 1994-02-19 18:10:16 UTC
From: jm39s70@sycom.mi.org
Message-ID: <jm39s70.4gs8@sycom.mi.org>
Source record: 277008
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

Greetings,

I have just received a Bearcat 8500XLT scanner. I would like to have a list of modifications and restorations available for this scanner. I do not have FTP access so if modifications can be sent t me via E-Mail or publicily I would appreciate it fully. Thanks in advance....

--
Jim Mallory
Alternate Internet E-Mail Address 75230.3720@compuserve.com

1201. Re: Radio Shack Pro-51

Newsgroup: rec.radio.scanner
Date: 1994-02-19 20:14:52 UTC
From: cravitma@cps.msu.edu
Message-ID: <2k5rvs$uj0@msuinfo.cl.msu.edu>
Source record: 277009

I just bought a Radio Shack Pro-51 (seems to be a replacement for the Pro-43, according to the local R.S. salesdroid), and although I have only been playing with it a few hours, I thought I'd post a few observations:

* Power Source : 4 AA batteries. Two fit into the back of the radio, two fit in to the battery compartment door, which connects to the radio by a pair of connectors near the locking tab. Also powerable from AC. Has jacks for charging NiCads.

* Frequency Range : Covers 29-54, 108-174, 406-512, 806-823.937, 851-868.937, 896.112-956 (cellular excluded)

* Memories : 200 + 10 monitor. Any 1 channel can be designated the priority channel. Channels are grouped in 10 banks of 20 each.

* Searching/Scanning : Scanning speed is 50 ch/second. Includes direct search (search up from xxx.xxx MHz), limit search (search from xxx.xxx to xxx.xxx MHz). Search freqencies can be stored in 10 monitor memories, and later moved to any memory. Automatic search for Air (108-136), Fire (all VHF/UHF ranges where fire is usually found), Marine (156-158, 161-163) and Weather (NOAA channels). Channels found this way may also be stored.

* Audio : Not too bad. Could be louder (250 mW max), and an amplified external speaker doesn't hurt.

* Dimensions : 6-1/16 x 2-7/16 x 1-11/16 inches (HWD), 8.11 oz.

* Price : $299.99 + tax

I will try to post more performance data after I have played with it a bit.

/Matthew

--
Matthew Cravit, N9VWG | All opinions expressed here are
Michigan State University | my own. I don't speak for MSU
East Lansing, MI 48825 | and they don't speak for me (luckily
E-Mail: cravitma@cps.msu.edu | for both of us).

1202. Re: Radio Shack Pro-51

Newsgroup: rec.radio.scanner
Date: 1994-02-19 22:15:25 UTC
From: schuster@panix.com
Message-ID: <2k631t$3gf@panix2.panix.com>
Source record: 277010

In article <2k5rvs$uj0@msuinfo.cl.msu.edu>,
Matthew B Cravit <cravitma@cps.msu.edu> wrote:
>I just bought a Radio Shack Pro-51 (seems to be a replacement for the
>Pro-43, according to the local R.S. salesdroid), and although I have
>only been playing with it a few hours, I thought I'd post a few
>observations:

The salesdroid is wrong. This is the replacement for the PRO-39.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1203. Re: Cellular snooping devices

Newsgroup: rec.radio.scanner
Date: 1994-02-19 22:29:02 UTC
From: egurney@vcd.hp.com
Message-ID: <CLHt4F.78x@vcd.hp.com>
Source record: 277011

Admiral David E. Ryan (der@anomaly.sbs.com) wrote:
>I recall reading several months ago an article describing a
>device which can be interfaced with several different scanners
>that allows people to monitor cell calls, and display certain
>information about the call - including "following" the call when
>it changes cell locations.

Here's my post from a while ago describing one such device. It
can be interfaced to decode data from almost any scanner from which
you can get clean audio (ie., from the discriminator) but to
automatically follow calls requires a scanner with RS-232 interface
(like an Icom 7100 or Pro-2006 with the CRB 232 mod.)

Regards,
Eddy

The August '93 Nuts & Volts magazines has a review of the CSI, the
Cellular Surveillance Interface test set on page 81. It's a "little box
[that] can do an awful lot when coupled to a good scanner and an IBM-
compatible computer." I found it very interesting; I'm amazed that
someone hasn't come out with a cheaper version with the wide-spread
availability of cellular-specific ASICs out there. Below are some
extracts from the article; see the whole thing for pictures and sample
data output from the device.

The CSI "allows you to survey the messages being broadcast over a
control channel or being spit out by a phone." The device is marketed by
Spytech, a division of Electronic Countermeasures Inc. of Canada. "The
CSI will interpret data on the control channel from any scanner capable
of receiving wideband FM and delivering quality audio. Many stock
scanners can be modified to provide this clean signal to the CSI. The
firwmware outputs plain ASCII text at 9600 baud and could be used with a
dumb terminal."

"In one mode the CSI follows the first call on the forward control
channel directed to a voice channel. When the call is completed, the
unit returns to the control channel and displays the overhead message
data until another call is processed and handed a voice channel. Then
that call is followed from frequency to frequency to frequency. One of
the other CSI modes just displays all of the data streaming on the
forward control channel and doesn't follow any calls. It can also be
programmed to track voice calls when they involve a specific cellular

phone."

"While the CSI can control an ICOM radio directly, it can also control other radios via the PC software when the radio is equipped with a serial port for computer control. Manufacturers such as Datametrics produce kits to add this feature to several popular Radio Shack scanners. The CSI is then connected to one of your PC's serial ports while the radio is connected to another RS-232 port." Spytech has modification kits and instructions for many scanners to get audio of sufficient bandwidth to the CSI, and includes the appropriate info with your order.

The device is available for US$394 until 12/15/93, including shipping and modification info for your radio if available. An info packet is available for $3.00. E-mail info is available via bill.fischer@t8000.cuc.ab.ca if you'd like an on-line reply. There address is Spytech, Division of Electronic Countermeasures, Inc., 65-31 Avenue South West, Calgary, Alberta, Canada T2S 2Y7.

If you want a copy of the EIA standard on the format of the cellular data fields, you can purchase the "Cellular System Mobile Station -- Land Station Compatiblity Specification" from:

Electronic Industries Association
Attn: Engineering Department
2001 Eye Street N.W.
Washington, DC 20006

--
Eddy J. Gurney N8FPW Hewlett-Packard Company, Vancouver (USA!) Division
egurney@vcd.hp.com #include <standard-disclaimer.h>
"Failures are divided into two classes-- those who thought and never did, and those who did and never thought." John Charles Salak

1204. Re: To: rec.radio.scanner@dispatch.demon

Newsgroup: rec.radio.scanner
Date: 1994-02-19 22:37:00 UTC
From: dplumb@cix.compulink.co.uk
Message-ID: <memo.505493@cix.compulink.co.uk>
Source record: 277012

> I don't know about you, but I check the news BEFORE I download it. I find
> it more time effective. Granted it was kind of long, but this is usenet--
Sorry, I don't get that opportunity. I just see a huge file coming down, and
get to see it when I've downloaded it all. Not everyone has free access to
the net you know.

Regards, David

1205. scanners on airplanes?

Newsgroup: rec.radio.scanner
Date: 1994-02-19 23:29:33 UTC
From: maronco@uxa.cso.uiuc.edu
Message-ID: <2k67ct$21v@vixen.cso.uiuc.edu>
Source record: 277013

Does anybody know if it is legal to carry a handheld scanner
onto a commercial airplane?

1206. Re: Pro-2006 va. AR2500 vs. ?

Newsgroup: rec.radio.scanner
Date: 1994-02-20 00:14:54 UTC
From: grady@netcom.com
Message-ID: <gradyCLHy0u.Hr0@netcom.com>
Source record: 277014
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Scott M. Fabbri (Scott.Fabbri@launchpad.unc.edu) wrote:

: Also, has anyone done any of the mods to the 2006, especially the 'more
: channels' one? If so, how easy are they? (I can wield a soldering iron,
: but I'd rather give it to someone I know who does it for a living.)

I just bought my third Pro2006. I think it is very good value
to the money.

Clipping the diode lead to make the mod take count em 30 seconds
starting with a phillips screwdriver and a small pair of diagonal
cutters.

The only pice of equipment that has more bang for the buck
is the ICOM W2A HT transceiver that can act like a VHF/UHF
scanner with limit search, channel lockout, priority, etc.
AND you can modify it to transmit on most of the frequencies
you can receive. 120 -174 MHz 420-460 Mzh 800-900 MHZ (no xmit on 800).

kn6jr

--
Grady Ward | compiler of Moby lexicons: | finger grady@netcom.com
+1 707 826 7715 | Words, Hyphenator, Part-of-Speech | for more information
(voice/24hr FAX) | Pronunciator, Thesaurus | 15 E2 AD D3 D1 C6 F3 FC
grady@netcom.com | and Language; all royalty-free | 58 AC F7 3D 4F 01 1E 2F

1207. Re: Discone antennas

Newsgroup: rec.radio.scanner
Date: 1994-02-20 00:16:23 UTC
From: grady@netcom.com
Message-ID: <gradyCLHy3C.Htu@netcom.com>
Source record: 277015

Kevin Mark Wong (kwong@ee.ualberta.ca) wrote:
: Has anyone used the discone scanner antenna ($79.95 CDN) from Radio Shack?
: How does it compare in terms of reception and durability with the
: various discones advertised by other manufactueres in magazines (usually
: for about $40 US)?

The Radio Shack discone (the higher priced one) is an excellent and
durable antenna. Works very well VHF/ UHF and can be used for
tranmitting with low SWR on 2m 70cm and 23cm amateur bands.

--
Grady Ward | compiler of Moby lexicons: | finger grady@netcom.com
+1 707 826 7715 | Words, Hyphenator, Part-of-Speech | for more information
(voice/24hr FAX) | Pronunciator, Thesaurus | 15 E2 AD D3 D1 C6 F3 FC
grady@netcom.com | and Language; all royalty-free | 58 AC F7 3D 4F 01 1E 2F

1208. Re: To: rec.radio.scanner@dispatch.demon

Newsgroup: rec.radio.scanner
Date: 1994-02-20 01:27:59 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2k6eav$pgl@bigfoot.wustl.edu>
Source record: 277016

Dave Plumb (dplumb@cix.compulink.co.uk) wrote:

: > I don't know about you, but I check the news BEFORE I download it. I find
: > it more time effective. Granted it was kind of long, but this is usenet--
: Sorry, I don't get that opportunity. I just see a huge file coming down, and
: get to see it when I've downloaded it all. Not everyone has free access to
: the net you know.

My apologies if I don't undertand your type of news feed.

--jesse

1209. Pro-39

Newsgroup: rec.radio.scanner
Date: 1994-02-20 01:49:00 UTC
From: pat.wilson@pplace.com
Message-ID: <5c.2.13.0N17A6E2@pplace.com>
Source record: 277017

Anyone know of the mods for the Pro-39 from Radio Shack? I am looking for any and all of them.

Thanks

1210. Recommendations for 'higher end' portable?

Newsgroup: rec.radio.scanner
Date: 1994-02-20 03:40:06 UTC
From: Gabriel Evans <gevans@panix.com>
Message-ID: <2k6m2m$cd6@panix.com>
Source record: 277018

I am looking to upgrade from my PRO-37, and would like to get the input of some of you gurus out there.

I am willing to spend $400-500, and need a handheld.

I was thinking of the ICOM R-1, but read some negative comments here a while back. Any satisfied R-1 users out there? I would like to get specs similar to the R-1 (continuous coverage from (from memory) 30KHZ to 1300 MHZ)

All input will be greatly appreciated.

Cheers,

--
Gabe Evans
Transplanted Mancunian
gevans@panix.com

1211. Problem w/ Garfield ftp site?

Newsgroup: rec.radio.scanner
Date: 1994-02-20 03:48:02 UTC
From: Gabriel Evans <gevans@panix.com>
Message-ID: <2k6mhi$d8d@panix.com>
Source record: 277019

Does anyone know if the ftp site for this group
(Garfield.catt.ncsu.edu) is down?

Every time I try to cennect I get a 'connection refused' msg.

What gives?

--
Gabe Evans
Transplanted Mancunian
gevans@panix.com

1212. scanner antenna cable

Newsgroup: rec.radio.scanner
Date: 1994-02-20 04:28:40 UTC
From: 0003963467@mcimail.com
Message-ID: <13940220010131/0003963467NA4EM@mcimail.com>
Source record: 277020

Can someone please advise me on the proper coaxial cable type for
use with a Pro 2006 scanner and an Icom discone antenna? It seems that every
vendor I talk to tells me something different. Is there a less expensive
alternative to RG8 cable? If I use Belden 9913 will I be able to find the
connectors I need? Grove Enterprises advises to use RG6/U. Can I find
N connectors and BNC connectors for RG6? Is RG59 cable really that bad?
Will I notice the signal loss?
Sorry for all the questions, I'm new to this scanner business. I
bought the 2006 because I have heard it is going to be phased out. I had a
2004 and sold it, stupid mistake.
If anyone is generous enough to answer my questions, please email
the response to me because I do not have subscription access to the
scanner list.

Thanks,

Edward Dotson
MCI Mail: 396-3467
Internet: 3963467@mcimail.com

1213. Re: Discone antennas

Newsgroup: rec.radio.scanner
Date: 1994-02-20 11:43:48 UTC
From: paul@theborg.mlb.fl.us
Message-ID: <paul.01tg@theborg.mlb.fl.us>
Source record: 277021

In article <2k35qj$eam@quartz.ucs.ualberta.ca> kwong@ee.ualberta.ca
(Kevin Mark Wong) writes:

> Has anyone used the discone scanner antenna ($79.95 CDN) from Radio Shack?
> How does it compare in terms of reception and durability with the
> various discones advertised by other manufactueres in magazines (usually
> for about $40 US)?

I recently bought a Hustler Discone new for $24.95 and it works just as
good as the Radio Shack version. I have heard that the RS discone has
gaps where poor reception can occur on some frequencies. I have not
confirmed this, but the price difference led me to the Hustler Discone!
It works great up to 800+ MHz, and very well in the 49 MHz range also.

--
/--\
Paul	//	A good 16bit cpu is a dead 16bit cpu
Melbourne, Florida	_ // AMIGA	The BORG BBS: 407-722-4487
USR Dual v.32terbo	\X/3000/25	paul@theborg.mlb.fl.us
\--/
"The Borg ... any attempt at communication can be fatal!"

1214. New Dc-Dayligh scanner from ACE?

Newsgroup: rec.radio.scanner
Date: 1994-02-20 12:51:27 UTC
From: vhealey@crl.com
Message-ID: <2k7mcf$pdt@crl2.crl.com>
Source record: 277022

While flipping thru the Feb issue of CQ I noticed an ad on the
left hand page from ACE. The have a .500 thru 1300MHZ with no cutouts
scanner for $449. It was called the Tiger something or other. No mention
of SSB but seemed to be comparable to 1000 xlt in brief specs (ie 1000
channels etc.) Anyone know more about this and how did they get away with
advertizing no cut outs when celluar MUST BE BLOCKED!
If the illustration is accurate (?) this has got to be the
thinnest scanner I have ever seen! A true shirt pocket device at last.

Victor Healey Ki4je Marietta Ga.
vhealey@crl.com

PS Hey to Marvin Moss. Thanks for the INFO.

1215. Re: NEED FREQS for Boulder, Co / Denver

Newsgroup: rec.radio.scanner
Date: 1994-02-20 13:03:01 UTC
From: vhealey@crl.com
Message-ID: <2k7n25$pjg@crl2.crl.com>
Source record: 277023

What is the Ge Jingle in the 800 mhz band? A scheme to defeat scanning? How does it work? Can it be defeated? etc?

Vic Healey
vhealey@crl.com

1216. Re: Recommendations for 'higher end' portable?

Newsgroup: rec.radio.scanner
Date: 1994-02-20 13:16:16 UTC
From: schuster@panix.com
Message-ID: <2k7nr0$t30@panix2.panix.com>
Source record: 277024

In article <2k6m2m$cd6@panix.com>, Gabriel Evans <gevans@panix.com> wrote:
>I am looking to upgrade from my PRO-37, and would like to get the
>input of some of you gurus out there.
>
>I am willing to spend $400-500, and need a handheld.
>
>I was thinking of the ICOM R-1, but read some negative comments here a
>while back. Any satisfied R-1 users out there? I would like to get
>specs similar to the R-1 (continuous coverage from (from memory) 30KHZ
>to 1300 MHZ)

Scanners with specs similar to the R1 are:

AOR AR1000XLT
AOR AR1500 (like above but smaller, wiith SSB)
Yupiteru MVT-7000
Yupiteru MVT-7100 (like 700 but with SSB and more memories)

The AOR models are distributed by several mail order companies here. They have a difficult user interface because they work outside of the Uniden/GRE licenses. They have uneven quality control; sometimes you have to exchange 'em.

The Yupiteru models are much better in interface and quality; however they have no US distributor or warrantor. For months many of us have been buying the MVT-7100, which is probably the most capable handeld ever produced, from a British dealer called Javiation.

AOR will be introducing the AR8000 handheld this spring/summer/fall; it is designed to compete with the MVT-7100, but there aren't even production samples available yet. When it hits the US you cna be sure cellular will be unrestorable.

I have online reviews of the AR1500 and MVT-7100 if you're interested.

regards -- mike

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER
--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1217. Antenna Problems with 8500XLT.

Newsgroup: rec.radio.scanner
Date: 1994-02-20 13:57:32 UTC
From: jm39s70@sycom.mi.org
Message-ID: <jm39s70.4hbm@sycom.mi.org>
Source record: 276875
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.scanner

Hello,

Still enjoying my 8500XLT, BUT, I am having a weird antenna problem. I have a RS Discone antenna in my attic and it was connected to my 800XLT through seeveral 25' runs of RS cable connected together with barrels. This worked great on the 800XLT, but when I connect it to my 2500XLT it acts like there is no antenna on it at all. A friend has suggested that since the 2500XLT is grounded (and the 800XLT is not.) there may a short to ground. I intend on checking the cable for any shorts between the conductor and shield as soon as I get my VOM back but does anyone have any hints/suggested/tips/wild-ass-guesses that I can use so I can get the discone on the 8500 and see what this thing can really do! Thanks in advance....

--
Jim Mallory
Alternate Internet E-Mail Address 75230.3720@compuserve.com

1218. Freq. Info

Newsgroup: rec.radio.scanner
Date: 1994-02-20 14:27:00 UTC
From: michael.ogle@travel.com
Message-ID: <1d.3923.930.0NAE9C25@travel.com>
Source record: 276876

Just out of curiosity, is there anyone out there with any interesting frequencies for southeast costal Maine (Portland / Bath / Camden / Bar Harbor area)? Or does anyone know of a good LOCAL Maine publication that I can mail order? I'm not looking for the standard Radio Shack "Police Call" books... I'm more interested in finding stuff other than emergency services; i.e. Business / Marine / U.S. Naval. If you can help, please post or e-mail me at:

michael.ogle@travel.com
-or-
CompuServe: 71055,3723

Gracias, Danke, Thanks,

-Mike

1219. Freq request (NE/MASS)

Newsgroup: rec.radio.scanner
Date: 1994-02-20 15:11:19 UTC
From: mtiernan@world.std.com
Message-ID: <CLJ3Iw.47G@world.std.com>
Source record: 276877

Hello out there. Would anyone in this area know any of the
freqs for Lotus corporation (security I'd think) at the
Cambridge office? I work across the street and it would be
interesting to hear if something interesting is happening there.
(Oh yea, anyone got security for the Galleria Mall?)

Thanks in advance for anything offered. :)
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

1220. PRO-34 Charger

Newsgroup: rec.radio.scanner
Date: 1994-02-20 15:22:27 UTC
From: neufer@delphi.com
Message-ID: <hs8J+wz.neufer@delphi.com>
Source record: 276878

I have been using a PRO-34 scanner for several years now. Recently, I have
been having some trouble with the charging system for its rechargeable
batteries. Some of the batteries run down very quickly while others hold
their charge. The batteries can all be recharged in a seperate recharger, but
not in the radio's internal recharger. The battery holder sometimes becomes
corroded. Do you think this problem is the fault of the holder, the radio,
the charger, or the batteries?

1221. Re: Attn: BC100/200XLT owners

Newsgroup: rec.radio.scanner
Date: 1994-02-20 16:47:01 UTC
From: linnig@m2000.dseg.ti.com
Message-ID: <LINNIG.94Feb20104701@m2000.dseg.ti.com>
Source record: 276879

In article <2k113d$d9a@samba.oit.unc.edu> Sherrod.Munday@launchpad.unc.edu (Sherrod Munday) writes:

> Just a quick note to all owners of the ubiquitous Bearcat 100XLT or 200XLT:
> If you have modded the unit with a light switch to keep the backlight on at
> all times, you might want to make sure when you're changing battery packs,
> [...] make sure that you turn the light switch off [...].

Is this a well known mod?

I wouldn't mind doing it to my 200XLT. Care to tell us where you saw it?

-- Mike, N5QAW

- - - - - - - - - - - - - - - - - - + - - - - - - - - - - - - - - - - - +
Mike Linnig, Texas Instruments Inc. | 97.43% of all statistics are made |
Phone: (214) 575-3597 | up; most of them (83.6 percent) |
Internet: mike.linnig@dseg.ti.com | are wrong. |
- -

1222. Scanner for airlines

Newsgroup: rec.radio.scanner
Date: 1994-02-20 17:13:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <761769317.AA02313@rochgte.fidonet.org>
Source record: 276880

> From: dbushong@wang.com (Dave Bushong)
> Organization: Wang Labs, Lowell MA, USA

>>American allowed me to use my VHF/UHF tracseiver on board.

> It appears that you were in violation of 97.11(c) of the FCC rules
> and regulations.

How? Part 97 basically says that the FAA regs must be obeyed. If he used a radio aboard an aircraft with the operator's permission, he was in compliance with the FARs and thus with the FCC rules as well.

1223. Re: scanner antenna cable

Newsgroup: rec.radio.scanner
Date: 1994-02-20 18:16:36 UTC
From: grady@netcom.com
Message-ID: <gradyCLJC3o.M9n@netcom.com>
Source record: 276881

Edward Dotson (0003963467@mcimail.com) wrote:
: Can someone please advise me on the proper coaxial cable type for
: use with a Pro 2006 scanner and an Icom discone antenna? It seems that every

I use about 25ft of low-loss RG8 with PL259 at both ends; the side next
to the Pro2006 also has a SO239 (female PL259) adapted to a male BNC
that plugs right in.

I do it this way because the PL259 is more compatible with other amateur
equipment. Using 9913 and or type N connectors is really not important
for receive only unless you really deal only with low-signal high UHF
material.

Do stay away from the RG58 unless the run is very very short <2 ft.
It is very lossy for VHF/UHF work.

--
Grady Ward | compiler of Moby lexicons: | finger grady@netcom.com
+1 707 826 7715 | Words, Hyphenator, Part-of-Speech | for more information
(voice/24hr FAX) | Pronunciator, Thesaurus | 15 E2 AD D3 D1 C6 F3 FC
grady@netcom.com | and Language; all royalty-free | 58 AC F7 3D 4F 01 1E 2F

1224. Looking for frequencies - Madison, WI

Newsgroup: rec.radio.scanner
Date: 1994-02-20 19:24:19 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Feb20.192419.21593@rsg1.er.usgs.gov>
Source record: 276882

Anyone in the Madison, WI area have a frequency list - police/fire/ham/etc?

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

1225. Computer control variances: AR3000 vs AR3000A

Newsgroup: rec.radio.scanner
Date: 1994-02-20 19:28:24 UTC
From: mjr@crl.com
Message-ID: <2k8dko$erm@crl2.crl.com>
Source record: 276883

Sam Dunham has a program called ScanStar that performs computer control functions for the AOR AR3000 series scanners. Now I understand from Sam that the program works fine on the AR3000, but not so well on the AR3000A. For some reason, on the later model, the program behaves as though some control signals were missing or to be found on a different pin, even though the AR3000A port control documentation indicates the communications program should be set for SOFTWARE flow control (X-on/X-off). I've spoken to Sam and he apparantly called ACE to ask about this, but when they realized who he was (and that he was competing with their software) they wouldn't tell him anything.

As I see it, there are three possibilities:

1) some difference in the port hardware configuration.
2) some difference in the processor micro-code involved in controlling the port.
3) a bug in the AR3000A port microcode that requires an undocumented work around.

Is there anyone out here on the net who knows what differences there are between the two units that might explain this problem?

Help much appreciated as usual
Thank you

--
matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70271,255 Internet: mjr@crl.com

1226. Icom R100 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-02-20 19:33:09 UTC
From: jmccolm@cabell.vcu.edu
Message-ID: <1994Feb20.193309.3683@cabell.vcu.edu>
Source record: 276884

Icom R-100 Communications Receiver for sale

This receiver has 100 channels, features Auto-Store memory feature, covers 500 kHz to over 2000 Mhz (NO gaps!). I will include telescopic whips, AC power supply, and have the original box and instruction manual. Reason for selling - just don't need it anymore. Price $350 FIRM! I will pay shipping if you prepay, or I will send it COD UPS (you pay shipping and COD Fee).

E-mail at jmccolm@cabell.vcu.edu or US Snail to:
John McColman
PO Box 1031
Chesterfield, VA 23832

1227. Re: "Fireground"

Newsgroup: rec.radio.scanner
Date: 1994-02-20 20:34:15 UTC
From: tedtrost@delphi.com
Message-ID: <9402201533591.tedtrost.DLITE@delphi.com>
Source record: 276885

I have found that fireground usually means the actual scene of the fire.

This is different from the dispatching frequency(ies) so that even during a fire, communication at the fire scene continues without interfering with dispatching to other situations.

Ted Trost
Internet: tedtrost@delphi.com Delphi: TEDTROST CompuServe: 71175,1043
Amateur radio station N1RDQ

1228. Re: Looking for frequencies - Madison, WI

Newsgroup: rec.radio.scanner
Date: 1994-02-20 20:39:06 UTC
From: jason@yar.cs.wisc.edu
Message-ID: <2k8hpa$6vs@spool.cs.wisc.edu>
Source record: 276886

In article <1994Feb20.192419.21593@rsg1.er.usgs.gov>,
Tom Bodoh <bodoh@dgg.cr.usgs.gov> wrote:
>Anyone in the Madison, WI area have a frequency list - police/fire/ham/etc?

I can provide a couple of ham freqs:

146.76
146.88
147.15

I also have a list of UWPD freqs but I don't know where it is. If you send me
email it will remind me to look for it... :)
--
Jason J. Hanson | 1510 Tripp Circle #VI309 | (608) 264-1079
Univ. of Wisconsin | Madison, WI 53706-1294 | Ham: N9LEA (Extra)
-- jason@yar.cs.wisc.edu =*+++= n9lea@n0ary.#nocal.ca.usa.na --

1229. pro-46

Newsgroup: rec.radio.scanner
Date: 1994-02-21 01:29:06 UTC
From: brent@CSOS.ORST.EDU
Message-ID: <2k92p2$lvf@jadzia.CSOS.ORST.EDU>
Source record: 276887

[No readable article body recovered]

1230. G7 Meeting in Detroit

Newsgroup: rec.radio.scanner
Date: 1994-02-21 02:46:50 UTC
From: jm39s70@sycom.mi.org
Message-ID: <jm39s70.4hxv@sycom.mi.org>
Source record: 276888
Cross-posted to: rec.radio.scanner,alt.radio.scanner

As you may or may not know...Detroit will be hosting a G7 meeting. If anyone has any info for Secret Service, FBI, Air Force One, Presidental Escort, or anything else that may be of interest....thanks in advance.

--
Jim Mallory
Alternate Internet E-Mail Address 75230.3720@compuserve.com

1231. Halifax Canada Trunked Radio

Newsgroup: rec.radio.scanner
Date: 1994-02-21 02:51:23 UTC
From: dmcdouga@fox.nstn.ns.ca
Message-ID: <dmcdouga-200294225143@halifax-ts2-6.nstn.ns.ca>
Source record: 276889

Someone requested info about Canada trunked radio systems. I am sorry that
I lost the name of the poster. So, I hope that this will help. The system
is used by the police, fire and city departments. The system allows some
users to make phone calls.
143.5650/148.5550 EMO (PL tone 82.5)
153.8300 VHF mutual aid
862.6375/817.6375 ch 9, Geizer's Hill (trunked radio system)
862.7375/817.7375 ch 9, Barrington Tower (trunked radio system)
862.8875/817.8875 ch 8, Geizer's Hill (trunked radio system)
862.9875 police, talk around channel (trunked radio system)
863.1375/818.1375 ch 7, Geizer's Hill (trunked radio system)
863.2375/818.2375 ch 7, Barrington Tower (trunked radio system)
863.3875/818.3875 ch 6, Geizer's Hill (trunked radio system)
863.4875/818.4875 ch 6, Barrington Tower (trunked radio system)
863.6375 fire, talk around channel (trunked radio system)
863.6375/818.6375 ch 5, Geizer's Hill (trunked radio system)
863.7375/818.7375 ch 5, Barrington Tower (trunked radio system)
863.8875/818.8875 ch 4, Geizer's Hill (trunked radio system)
863.9875/818.9875 ch 4, Barrington Tower (trunked radio system)
863.9875/818.9875 ch 8, Barrington Tower (trunked radio system)
864.1375/819.1375 ch 3, Geizer's Hill (trunked radio system)
864.2375/819.2375 ch 3, Barrington Tower (trunked radio system)
864.3875/819.3875 ch 2, Geizer's Hill (trunked radio system)
864.4875/819.4875 ch 2, Barrington Tower (trunked radio system)
864.6375/819.6375 ch 1, Geizer's Hill (trunked radio system)
864.7375/819.7375 ch 1, Barrington Tower (trunked radio system)
864.8875 others, talk around channel (trunked radio system)
864.8875/819.8875 control channel, Geizer's Hill
864.9875/819.9875 control channel, Barrington Tower
866.0125/821.0125 800 MHz. mutual aid

1232. Please ACK

Newsgroup: rec.radio.scanner
Date: 1994-02-21 04:27:52 UTC
From: msf@interaccess.com
Message-ID: <2k9d88$o7f@mailhost.interaccess.com>
Source record: 276890

Looking for a non-Internet user to ACK my post. Please.

1233. Re: Attn: BC100/200XLT owners

Newsgroup: rec.radio.scanner
Date: 1994-02-21 04:43:00 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2k9e4k$70@samba.oit.unc.edu>
Source record: 276891

In article <LINNIG.94Feb20104701@m2000.dseg.ti.com>,
Mike Linnig <linnig@m2000.dseg.ti.com> wrote:
>In article <2k113d$d9a@samba.oit.unc.edu> Sherrod.Munday@launchpad.unc.edu (Sherrod
Munday) writes:
>
>> Just a quick note to all owners of the ubiquitous Bearcat 100XLT or 200XLT:
>> If you have modded the unit with a light switch to keep the backlight on at
>> all times, you might want to make sure when you're changing battery packs,
>> [...] make sure that you turn the light switch off [...].
>
>Is this a well known mod?
>
>I wouldn't mind doing it to my 200XLT. Care to tell us where you saw it?
>
>
>
> -- Mike, N5QAW
>
>- - - - - - - - - - - - - - - - - + - - - - - - - - - - - - - - - - - +
>Mike Linnig, Texas Instruments Inc. | 97.43% of all statistics are made |
>Phone: (214) 575-3597 | up; most of them (83.6 percent) |
>Internet: mike.linnig@dseg.ti.com | are wrong. |
>- -
>

Here's a collection of all the mods I know of, other than the AM/FM
switch. I posted this a number of months ago, so some other better ways
might have come up, but I think these all should still work. Here Goes:

Okay, all. In response to this, I'll go ahead and post the mods I know of
for the 100XLT. These have been collected from other netters, and some of
this is discussion via e-mail with others.

Uniden America Corporation
8707 North By Northeast Blvd.
P.O. Box 501368
Indianapolis, IN 46250
Attn: Parts Department

Here's the info on current mods I've gathered:

Here's some information about the BC100XLT collected from posts and
correspondence with people more familiar with the BC200XLT.

From mailed notes:

------------------<BEGIN LETTER FROM BRETT BOROWSKI>-----------------

Yup, it's the same CPU. And I suspect that most of the pc board inside
are the
same. The 100 will not have the 800mhz sub-pc board, an extra memory chip,
and will have some jumping blocks in different places than on 200. I'll
get back to you with the light mod.....

> Circuit board on back of Keypad Unit
> +---+
> | o O v--resistor +---+ +x-x-x-x+ |
> |blue^ l l (for battery |400| | SONY | |
> |caps ^ mod in 200) |EC | x x | K1013 | |
> | |--diode +x-x+ x x +x-x-x-x+ |
> | x 2 pins x x 4 pins @side |
> | _ x x |
> | / \ 19 pins unused pads 13 pins |
> | _/Spkr. +--------------+ +----------+ |
> | / 13 | UNIDEN | 13 13 | LH5008TP |13 |
> | x pins | UC-1147 |pins pins | SHARP |pin|
> | | 4080FB86 | | JAPAN | |
> | | 9E1 JAPAN | text---> | 8851 A | |
> | \--------------+ is turned \----------+ |
> | 19 pins 90 deg CW 13 pins |
> +---+

Looks the same as the micom board in the 200. But you're missing a memory
chip-- the sony K1013. And the jumpers on pins 15, and 19 would have to be
moved.

> +=== antenna jack
> | Middle removable board with metal sheild around it
> V +---+
> | Screw hole text printed>==+ +====< raised board |
> +-+ |====> O on board | | +---------------------+ |
> | | "800 MHz UNIT" <==+ +==> | HCT-55 94V-0 | |
> +-| +> ___ ___ ___ | PH-066AB | |
> | | ~~~ ~~~ ~~~ | ^ | |
> | 3 holes in board, seem | i.d. printed | |
> | like holes for vertical | on board | |
> | circuit board add'n. ___ +---------------------+ |
> | __ ~~~ |
> +-+ |__| XTAL +===vertical boards==v |
> +-+ L11 v _________ |
> | __ __ __ ____________ ~~~~~~~~~ |
> +-+ |__| |__| |__| ~~~~~~~~~~~~ "IF UNIT" |
> +-+ L7 L12 L13 "WINDOW UNIT" |
> +---+

This also looks the same.
>
> So how similar are the guts of the 200? Could it be that Uniden only left
> out one board which could just be soldered in place?

The guts do appear to be the same. As far as the 800mhz, unit, there are 5 inductors and 2 caps on one side. But 15 caps, 10 resistors, and 4 transistors on the other side. It does not look simple to build on your own. I'm under the impression that the performance of this board is critical. My current scanner measured in at 0.5 microvolts of sensitivity in the 800mhz region but the previous one measured about 2. That's a pretty wide range for a single model of scanner.

It might not be so hard to add some memory though. One chip and moving a jumper as far as I can tell....

> Let me know what you figure out as to if anything looks the same or might
> be moddable as you posted in you messages about pins 15, 18, and 19, and
> also the light mod. One final question: how do you count the pins?
> I have noted the beveled edge on the largest IC's, but don't know how
> to count the pins.

Okay, on the CPU (UC-1147), number one is the first pin to the right of the notch. Number 64 is to the left of the notch. (ie, they go counter-clockwise.)

To turn the light on, jump the transistor input that is fed by pin 63 (2nd from the bottom on the left edge--notch to the lower right) to VCC. Pin 26 is VCC and you should be able to trace it to a clear pad near the bottom edge of the board (when you can read the text on the CPU). This pad is the alternate location for a jumper chip that should change the low band form 29-54 to 66-88mhz. (Note, I don't know if all the inductors and adjustments are the same in the European version which employs this configuration.) Well, about those light pins--pins 60-62 are also VCC. So if you want the light on all the time, just tie 63 to the pin or pins above it. You can do this with one find strand of a braided wire and no soldering if you're carely. But your light will be on whenever the power is on. If you want to add a switch, solder the leads--one to that VCC jumper block pad I mentioned, and the other to the transistor that pin 63 leads to. I don't recommend soldering directly to the CPU--it's more likely to be heat sensitive and those pins are pretty small.

I hope I haven't confused you. Any more questions, just ask!

Brett
--
brett@surfpix.princeton.edu Brett Borowski

------------------<END LETTER FROM BRETT BOROWSKI>--------------------

Quoted text inside above letter quote is mine (along with drawings), while unquoted sections are his replies.

On first diagram above, the chip labeled 400 EC is the frequency crystal. It operates at 400 KHz, and recently Tom Bodoh (bodoh@dgg.cr.usgs.gov) posted that he had plenty of extra crystals to sell which double the clock frequency to 800 KHz. I did this mod, and am pleased with the faster performance. Now it scans 40 Ch./sec., samples priority twice as often, delay time is cut in half, and light on time is also twice as

short. However, if, like me, you do the light mod and put in a switch, you won't have to worry about the light part.

UNIDEN refused when I talked directly with them to sell the 800 MHz board. They will sell all the parts minus the PCB itself: I am currently working on getting around that, and will post any progress. But that seems to be the only real difference between the 100 and 200, again other than memory and moving a jumper (as desribed by Brett). So I had thought about building my own board, and that's what my letter to him was partially about. After all, it couldn't cost UNIDEN but $15 for the memory chip, and who knows how much for the the extra board, but how much more do they sell the 200 for? I figure they're running about 200% profit on the 200 over the 100. That's probably why they are so hesitant to sell the board: because they would lose lots of profit. They don't even sell this board to the dealers: _all_ repair work on the units has to be done in the original factory. If I could get my hands on a schematic and circuit board layout, though, I will probably try to build one myself. If I ever get one, I may post info in the newsgroup, as I have seen many requests for mods to the 100. So even though it dosn't seem like there are too many 100 owners out there, there _are_ some, and I'm sure we'd all like a little better.

Notes on opening the unit : Remove the back two black screws, obviously: next pull off battery pack and undo the two screws holding in battery spring in middle of bottom. Then lift back end of bottom of radio up slowly, pulling out a little at the same time. it should slide out without too much trouble. Front cover is more problematic: it has a header connecting the keyboard with the CPU etc. board. So lift up on the bottom of the front slowly, and look inside as soon as possible for a small black rectangular box about .25" by .75", and continue lifting slowly while watching that you don't bend the pins. After that, the board with the metal shielding around it comes up with two screws at the bottom of the radio. Reassembly is reverse order, obviously. Again, caution when putting front back on so that you first insert top of front back under lip at top of radio, then make sure to get all the pins in the header correctly. After the first scary time of doing it, you'll see how easy it is, and it should go faster. Always remember the pins on the header will bend pretty easily, though, and that's about all the difficulties.

Hope this helps, but don't fry your radio. Be careful about static electricity while working inside the radio, too.

--Sherrod

From a post on the internet regarding the internals of the 200XLT, which is the fully enabled version of the 100XLT:
----------<BEGIN SECOND QUOTE>----------

There are three pins on the CPU that are jumped to ground. (15, 18, and 19) They are not labelled in the service manual. The interesting thing about these pins is that there are alternate pads on the pc board that

could jump each of these pins to VCC instead.

Being the foolhardy soul they I am, I moved each of the little jumping
blocks to find out what would happen. The results are mildy interesting
and not overwhelmingly useful. I was hoping I could get 30khz spacing
in the 800mhz range, but no such luck. Two of the three reduce the
capabilities of the scanner and the third changes it. Here's what happened.

Pin 19--when grounded, allows the CPU to tune 800mhz freqs. When high,
nada. This may be used in the BC100.
Pin 18--when grounded, low band reception is 29-54mhz. When high,
it's 66-88mhz. I think this is for European markets. Sadly,
one can't tune 29-54mhz when 66-88 in enabled.
Pin 15--when grounded, gives 10 banks of 20 channels. When high, the
memory is screwy. In bank 1, you get 1-10. It skips bank 2 and
in bank 3, you get 21-30, bank 4, 31-40, ... bank 10, 91-100.
Leaving you wiht 90 channels. I would have expected 100 channels
with 10 in each. Elminated one memory chip and this could be used
in a bc100. I don't understand the 90 channels, though.

Hope somebody out there find this interesting. BTW, I'm going to
be working on an edited version of 200 mod file and I will add the light
mod. If there's demand, I'll post. If not, I'll post that it's available
and email on request.
Brett
--
brett@surfpix.princeton.edu Brett Borowski

-------------------------<END SECOND QUOTE>-----------------------
The above pins are exactly the same on the 100XLT, as they have
the same circuitry internally, minus a few critical components.

One final note: I have not yet gotten the memory chip and put it in, as I
just got the order number, etc. yesterday. But I think I'm going to go
ahead and get one chip tomorrow and try it myself. I'll be posting how it
goes in a couple weeks (allowing for USPS delays). BTW, if someone could
clip out the diagram above and show me exactly the orientation of their
additional K1013 chip in their 200XLT model, it would save me some time
for getting it from the manuals.

Hopefully this is pretty much self-exlanatory. Any further
questions, get back to me or the original posters and we'll do our
best to help.

--Sherrod Munday

==
| University-Bound Explorer of the World " smunday@vtssi.vt.edu |
| " |
+=-=+
|If you have something you really live for, are you willing to die for it?|
| Be willing to live for Jesus Christ... |
| |

-=-

--
The opinions expressed are not necessarily those of the University of
North Carolina at Chapel Hill, the Campus Office for Information
Technology, or the Experimental Bulletin Board Service.
internet: laUNChpad.unc.edu or 152.2.22.80

1234. Re: Scanner for airlines

Newsgroup: rec.radio.scanner
Date: 1994-02-21 04:52:53 UTC
From: reece@eco.twg.com
Message-ID: <2k9en5$ha0@scoop.eco.twg.com>
Source record: 276892

In article <2729@indep1.chi.il.us> clifto@indep1.chi.il.us (Cliff Sharp) writes:
>In article <CLE1Iq.5CE@wang.com> dbushong@wang.com (Dave Bushong) writes:
>>jeff@overbor.greenlee.com (Jeff) writes:
>>>American allowed me to use my VHF/UHF tracseiver on board.
>>
>>It appears that you were in violation of 97.11(c) of the FCC rules and
>>regulations.
>
>97.11 Stations aboard ships or aircraft.
>(c) The station must not constitute a hazard to the safety of life or
>property. For a station aborad an aircraft, the apparatus shall not be
>operated while the aircraft is operating under Instrument Flight Rules,
>as defined by the FAA, unless the station has been found to comply with
>all applicable FAA rules.
>
> So, Dave, you apparently assume either that he endangered life or
>property, or that the flight was entirely hard IFR and no one found the
>transceiver to comply with FAA rules. Perhaps you'll tell us why you
>thought that.

IFR means Instrument Flight Rules, and is completely distinct from IMC
which means Instrument Flight Conditions. You must be an IFR flight to
legally operate in IMC, but just because you're not in IMC doesn't mean
you're not operating under IFR.

The FARs explictly state that unless the radio has been approved byt
the aircraft's operator (not pilot), the use of the radio is prohibited.
Some airlines have chosen to allow scanners, some have not. I seriously
doubt any of the airlines have chosen to allow transmitters to be operated
in-flight.

1235. Anyone have exp with Damark recons?

Newsgroup: rec.radio.scanner
Date: 1994-02-21 14:33:09 UTC
From: reda@gandalf.rutgers.edu
Message-ID: <Feb.21.09.33.09.1994.25613@gandalf.rutgers.edu>
Source record: 276893

I was considering buying a reconditioned BC200XL from Damark
for $159. Does anyone have any experience with wither Damark
or other such reconditioned units?

Your insight greatly appreciated.
--

Frank J. Reda, Assistant Director, Rutgers University Computing Services
reda@gandalf.rutgers.edu

1236. Re: Pro-43 and 108-118 MH

Newsgroup: rec.radio.scanner
Date: 1994-02-21 15:33:00 UTC
From: michael.ogle@travel.com
Message-ID: <1d.3959.930.0NAE9C59@travel.com>
Source record: 276894

```
LE>Bob -- The 108-118 MHz band is mainly navigation aids, so you won't be missi
LE>anything you want to hear. You're correct that aviation is almost entirely
LE>AM (I guess the air mobile telephones are FM, however).
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

I think I read something about those phones in Monitoring Times a
few months ago. As I recall, the Air Phone frequencies sit right above
the land cellular freqs., and the things are AM....

-Mike
```

1237. Re: My BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-02-21 15:57:45 UTC
From: miltf@ux1.cso.uiuc.edu
Message-ID: <2kallp$su4@vixen.cso.uiuc.edu>
Source record: 276895

I can search the FM band with squelch set normal and it does stop on the local FM stations (88-108 mhz). Sounds like a problem with your 2500.

1238. Re: new questions (or perhaps old news) about batteries...

Newsgroup: rec.radio.scanner
Date: 1994-02-21 15:58:34 UTC
From: dave@frackit.UUCP
Message-ID: <4198@frackit.UUCP>
Source record: 276896
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <2jm2sr$emn@news.u.washington.edu> surreal@u.washington.edu (Don't Finger Me) writes:
> Recently I've bought a Pro-43, a bunch of alkeline batteries,
> six eveready rechargable batteries, and a 9v 300mA adapter.
> Funny how a scanner on sale quickly jumps to $350 with the "options"
> Anyway, after changing and charging and changing and charging,
> a couple questions came to mind:
>
> What's the trick to getting the most out of nic-cad rechargable
> batteries?

This question comes up often enough that the following might be useful reading again. I snarfed it from the net last year and just distributed it to a kind of mini-list dealing with scanners. Hope it provides soime useful info to everyone. It covers NiCads and the supposed "memory" effect and manages to cover to hints about charging as well. The original articles came from sci.electronics...

==========

From: rdell@cbnewsf.cb.att.com (richard.b.dell)
Date: 7 Jul 93 16:18:12 GMT
Organization: AT&T

OK, someone should do this, so here goes my first draft attempt at a NICAD charging/discharging FAQ. Any additions or comments via email please to cut down on bandwidth.

Most of this is verified or validated or inspired by what might be considered the definitive work:

Rechargeable Batteries Application Handbook
by Technical Marketing Staff, of Gates Energy Products, Inc.
Butterworth Heineman, 1992.
ISBN 0-7506-9227-0 (note -- correct ISBN, incorrect one is listed inside book, correct one on back cover, per Butterworth Heineman)
$49.95 from
Butterworth Heineman
80 Montvale Avenue
Stoneham, MA 02180-2422
1-617-438-8464 voice
1-617-438-1479 fax

Other suggestions for sources of information welcome.

What is not supported by the above comes from various posts here and other memories.

A. Overcharge Effect or Voltage depression (also incorrectly refered to as memory effect).

1. The _real_ memory effect is caused by repeatedly discharging to _exactly_ (or close to) the same point in the discharge cycle, and has been eliminated.

2. "Cells exposed to overcharge for extended periods of time, _particularly_ at elevated cell temperatures, may also exhibit a phenomenon called voltage depression. This results in the cell voltage being depressed approximately 150 mV below the normally calulated values..." (emphasis added)

3. "Voltage depression initially appears on the discharge curve near the end of the discharge. With the extension of the overcharge time (non-discharge) of the cell, this depression progresses slowly towards the mid-point and beyond."

4. "Voltage depression is an electrically reversible condition and disappears when the cell is completely discharged and recharged (sometimes refered to as conditioning)."

5. "An end-of-discharge voltage on the _minimum_ cell of, for example, 75 per cent of its MPV or less will accomplish that restoration with each discharge." (MPV -- mid-point voltage, where 50% of charge is withdrawn, typically 1.20 volts)

6. This is, by my calculation, .90 volts.

B. Cell Reversal

1. Due to imbalance of the various cells in a series connected battery, one cell may be driven into a reversed voltage before the other cells are completely depleted of charge.

2. This effect _only_ occurs in batteries, not in single cells, and is more likely to occur as the battery becomes higher volatge, ie -- contains more cells.

3. Ignoring this effect causes (personal experience) shorted cells, cells with short shelf life (one cell I was trying to rejuvenate on the bench had a 3 hour rather warm shelf life, but did seem to have full capacity if discharged quickly), and cells which will not take a charge.

4. Shorted cells _may_ be partially recovered by _zapping_ them with a high current attempting to _burn_ away the short. I generally use a current limited supply of about .5 amps, and set the voltage to about 20 volts, charging a capacitor of around 10000 uF or so. The cells rarely have much shelf life after being unshorted though.

5. The book has a formula which leads to these minimum recommended discharge voltages:

Num. of Nominal Minimum
Cells Voltage Voltage

1 1.20 -0.20 (0)

2 2.40 .85

4 4.80 2.95

5 6.00 4

8 9.60 7.15

10 12.00 9.25

12 14.40 11.35

6. "...the damaging effects of cell reversal depend on the cumulative amount (amp-hours magnitude) of capacity in reverse and each reversal may utilize only a fraction of the total tolerance of the cell..."

7. Note that this is below .9 volts per cell until there are ten cells (or a 12 volt nominal battery).

8. So, for any battery up to 12 volt nominal, a minimum discharge voltage of .9 volts per cell should be adequate to recover from the voltage depression state without unduly damaging the battery.

C. How to charge _properly_ and quickly.

1. Not all cells are _designed_ to be quick charged (charged at a rate greater than .1 C where C is capacity in amp-hours).

Type of Maximum Charge
cell recommended Control
rate

Standard .1 C NO

Quick .33 C NO

Fast 1-4 C YES

2. There are several types of charge control. Somewhat in reverse order of desirability (ie--least stress to battery) using a split rate constant current, they are:

a. inflection point cutoff -- the slope of the voltage rise with time starts decreasing after the initial rise. This method requires a backup method.

b. rate-of-voltage change -- designed to detect the rapidly rising voltage as the battery approaches full charge. This method requires a backup method.

c. voltage-decrement cutoff -- detects the voltage drop as the battery passes into the overcharged state. (typically equivalent in stress to a delta Temp. cutoff of 5 - 10 degrees C)

d. incremental or delta Temperature cutoff -- fast charge is terminated when a selected cell (with temperature sensor) reaches a fixed increase from the ambient temperature.

e. temperature cutoff -- fast charge is terminated when a specific temperature is reached. If this setpoint is automatically reset, a very undesirable temperature and chargerate cycling occurs, leaving average charge rate high, and temperature high.

f. fixed time cutoff -- fast charge is terminated after a set period of time. assumes that battery was completely used.

g. other more sophisticated and simple methods also exist, but I suspect these cover most cases at present.

h. backup methods may be any that come later on the charging curve, with the simpliest being the fixed time.

i. some very sophisticated pulse charging techniques attempt to fast charge a battery which is not designed to be fast charged. Reports on these charges seem generally good. Some of these chargers discharge the batteries first, removing any voltage depression.

3. Take notice that the temperature cutoff and fixed time cutoff are particularly susceptable to over charge possibility, particularly temperature cutoff with an automatic reset, which is very cost effective for the

manufacturer. If the battery stays very warm after
being in the charger for long enough to be on standby,
then take it off of charge.

4. A safe trickle charge to _maintain_ the charge on a
fully charged battery is from .02 to .1 times C.

D. Opinions and Conclusions

1. I personally would not trust any nicad battery on long
term standby charge at greater than .1 C, and would be
happier with .05 C if the cells are not Quick Charge
types or better. Warmth is my primary indication of
comfort, if the battery stays too warm, I am
uncomfortable.

2. If the battery is discharged to .75 MPV, it seems that
all types can mostly be safely be quick charged at
least, as long as the charge is terminated when the
cells reach full charge.

3. Temperature seems to be the enemy here.

--
Richard Dell

==========

Subject: Re: Nicad memory effect: Any DEFINITIVE answer?
From: myers@hpfcso.FC.HP.COM (Bob Myers)
Date: Fri, 9 Jul 1993 19:18:29 GMT
Organization: Hewlett-Packard, Fort Collins, CO, USA

re: Conditions required for NiCd memory.

OK.

From General Electric's tech. note regarding memory (posted w/o permission,
and any errors are my own):

"Among the many users of batteries in both the industrial and consumer
sectors, the idea of a memory phenomenon in nickel-cadmium batteries has
been widely misused and understood. The term 'memory' has become a catch-all
'buzzword' that is used to describe a raft of application problems, being most
often confused with simple voltage depression.

To the well informed, however, 'memory' is a term applied to a specific
phenomenon encountered VERY INFREQUENTLY [emphasis mine - RLM] in field
applications. Specifically, the term 'memory' came from an aerospace
nickel-cadmium application in which the cells were repeatedly discharged to
25% of available capacity (plus or minus 1%) by exacting computer control,
then recharged to 100% capacity WITHOUT OVERCHARGE [emphasis in the original].
This long term, repetitive cycle regime, with no provisions for overcharge,
resulted in a loss of capacity beyond the 25% discharge point. Hence the

birth of a "memory" phenomenon, whereby nickel-cadmium batteries purportedly lose capacity if repeatedly discharged to a specific level of capacity.

The 'memory' phenomenon observed in this original aerospace application was eliminated by simply reprogramming the computer to allow for overcharging. [Note that no mention is made of adding an intentional *discharge* to clear the problem - RLM] In fact, 'memory' is always a completely reversible condition; even in those rare cases where 'memory' cannot be avoided, it can easily be erased. Unfortunately, the idea of memory-related loss of capacity has been with us since. Realistically, however, ' memory' cannot exist if any one of the following conditions holds:

A. Batteries achieve full overcharge.
B. Discharge is not exactly the same each cycle - plus or minus 2-3%
C. Discharge is to less than 1.0 volt per cell.

Remember, the existence of any ONE of these conditions eliminates the possibility of 'memory'. GE has not verified true 'memory' in any field application with the single exception of the satellite application noted above. Lack of empirical evidence notwithstanding, 'memory' is still blamed regularly for poor battery performance that is caused by a number of simple, correctable application problems."

[End of quote from GE tech. note]

This note goes on to list the following as the most common causes of application problems wrongly attributed to 'memory':

1. Cutoff voltage too high - basically, since NiCds have such a flat voltage vs. discharge characteristic, using voltage sensing to determine when the battery is nearly empty can be tricky; an improper setting coupled with a slight voltage depression can cause many products to call a battery "dead" even when nearly the full capacity remains usable (albeit at a slightly reduced voltage).

2. High temperature conditions - NiCds suffer under high-temp conditions; such environments reduce both the charge that will be accepted by the cells when charging, and the voltage across the battery when charged (and the latter, of course, ties back into the above problem).

3. Voltage depression due to long-term overcharge - Self-explanatory. NiCds can drop 0.1-0.15 V/cell if exposed to a long-term (i.e., a period of months) overcharge. Such an overcharge is not unheard-of in consumer gear, esp. if the user gets in the habit of leaving the unit in a charger of simplistic design (but which was intended to provide enough current for a relatively rapid charge). As a precaution, I do NOT leave any of my NiCd gear on a charger longer than the recommended time UNLESS the charger is specifically designed for long-term "trickle charging", and explictly identified as such by the manufacturer.

4. There are a number of other possible causes listed in a "miscellaneous" category; these include -

- Operation below 0 deg. C
- High discharge rates (above 5C) in a battery not specifically
designed for such use
- Inadequate charging time or a defective charger
- One or more defective or worn-out cells (NiCds DO have a
finite life; they won't keep charging and discharging
FOREVER no matter how well we baby them.)

To close with one more quote from the GE note:

"To recap, we can say that true 'memory' is exceedingly rare. When we see
poor battery performance attributed to 'memory', it is almost always certain
to be a correctable application problem. Of the...problems noted above,
Voltage Depression is the one most often mistaken for 'memory'.....

This information should dispel many of the myths that exaggerate the idea of
a 'memory' phenomenon."

And THAT is the last I'm gonna say on the subject for quite a while! :-)

Bob Myers KC0EW Hewlett-Packard Co. |Opinions expressed here are not
Systems Technology Div. |those of my employer or any other
myers@fc.hp.com Fort Collins, Colorado |sentient life-form on this planet.

(end included text)

--
Dave Ratcliffe vogon1!frackit!dave@cse.psu.edu
Harrisburg, Pa.

1239. Re: "Fireground"

Newsgroup: rec.radio.scanner
Date: 1994-02-21 16:16:17 UTC
From: yt7062@ARK.SHIP.EDU
Message-ID: <2kamoh$jjq@jake.esu.edu>
Source record: 276897

>In Connecticut, fire companies are often assigned two
>frequencies. One is "local operations," the other is
>"fireground." I'm wondering about the use of 'fireground.'

All across the US, fireground channels are specific incident channels, used so that the FD on the scene doesn;t get their traffic blocked by dispatches on the main band. If you think about a battleground... Then you'll know why they call it a fireground channel... Fighting fire is indeed a battle...

Yuri T.

1240. Looking for PRO-2022 mods

Newsgroup: rec.radio.scanner
Date: 1994-02-21 16:17:59 UTC
From: wisznie@ecf.toronto.edu
Message-ID: <CLL1A0.Mqz@ecf.toronto.edu>
Source record: 276898

Like the title says, I'm looking for any mods for the PRO-2022 scanner
any help would be greatly appreciated.

Thanx.

--
o---o
| Sebastian Wiszniewski - CompEng - University of Toronto |
| Internet: wisznie@skule.ecf.toronto.edu |
o---o

1241. Re: Discone antennas

Newsgroup: rec.radio.scanner
Date: 1994-02-21 21:30:15 UTC
From: kwong@ee.ualberta.ca
Message-ID: <2kb957$9nr@quartz.ucs.ualberta.ca>
Source record: 276899

To paul@theborg.mlb.fl.us: Does the Hustler discone have a top element like the Grove antenna? If not, does it have a receptacle on top, like the Radio Shack antenna, for a CB antenna? Where did you buy it from?

To everyone else: Is a discone the best type of antenna for all-band, one-piece, hands-free, no-antenna-tuner scanner reception? (I want something relatively short and portable that will function inside an apartment or out on the balcony.)

"Productivity is an imaginary activity for the creative."

1242. Re: scanners on airplanes?

Newsgroup: rec.radio.scanner
Date: 1994-02-21 22:25:11 UTC
From: rathinam@ins.infonet.net
Message-ID: <2kbcc7$9h5@insosf1.infonet.net>
Source record: 276900

In article <2k67ct$21v@vixen.cso.uiuc.edu>, maronco@uxa.cso.uiuc.edu (maronic ronald craig) writes:
>Does anybody know if it is legal to carry a handheld scanner
>onto a commercial airplane?
>

Carry - yes.
Use - may be.
Different airlines have different policies when it comes to scanner use while on board the airplane. If the airline allows scanner use, it is allowed in the CRUISE phase of the flight only (generally, NOT the first and last 10 minutes of the flight).

Look in the airlines magazine on the seat back for their policy. Or, ask the captain (Pilot) - he is the ultimate athority.

In any case, PLEASE DON'T USE it in the first 10 and the last 10 minutes of a flight. (There have been known cases of interference to navigation equipment from electronic devices - I think there is a current FAA study going on related to this.)
--
rathinam@ins.infonet.net

1243. Re: scanners on airplanes?

Newsgroup: rec.radio.scanner
Date: 1994-02-21 22:40:21 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Feb21.224021.27519@news.csuohio.edu>
Source record: 276901

maronco@uxa.cso.uiuc.edu (maronic ronald craig) writes:
: Does anybody know if it is legal to carry a handheld scanner
: onto a commercial airplane?
:
It's legal to carry a handheld scanner anywhere you wish unless
security folks at a location (like a secure government or military
site where you are visiting or calling on someone) say you can't (and
even THAT fact is up for debate. Please no one flame me :-))

If it were NOT legal to carry a scanner on
an airplane then they would post that rule along with the signs
that say "firearms, bombs, not allowed" near the metal detectors.
Well, they don't, so you can bet scanners CARRIED onto a plane
are perfectly legal (unless of course your scanner contains a handful of
C4 and a detonator instead of circuitboards).

Actually OPERATING it at a given location (or on specific frequencies, e.g.,
800Mhz cellular) is another story. Basically, either
use common sense or simply ask if you think there might
be a reason that the people (or officials) around you might prefer
you did not operate your scanner. This of course includes aircraft.

I made the bad decision on an airplane once to sneak a listen to the
control tower during take off regardless of what the flight
attendant told me. She threatened to take the scanner until
the end of the flight, so I got smart real quick and shut it
off, stuck it in my briefcase, and didn't touch it until I was off the plane.
I sat there sheepishly most of the flight for getting my wrist slapped.

Now, I ask either a flight attendant or better yet the 1st. officer
or one of the pilots if it's OK to listen to an "aircraft scanner"
(they seem to understand that verbal description best) when I board.

Some say no problem, some say no way. I was on one flight where they
let me listen during takeoff, in-flight, and landing. Other times
they say no, not at all. I usually find that flight attendants
are more naive about what a scanner is, and get the jitters when they
see a black electronic gizmo with all sorts of buttons on it and react
kneejerk and just say no, maybe out of convenience rather than
checking with one of the pilots. On my last flight (from Denver)
I actually got in a good conversation with a first officer about scanners
during the flight (he passed down the aisle before take off).
And yes, he said it's OK to listen the entire flight.

The reason people worry about this is that there is a valid argument for the
possibility that the relatively small amount of RF energy emitted

from your scanner (all radios do this) still also interfere with the
aircraft's avionics and/or radios and/or navigation sytems (no doubt
causing the plane to go into a flaming spin and hit the ground
full throttle doing Mach 3) :-|

Some people say there is solid proof (anectotal or otherwise), and other
people say it's just hogwash. I myself do not know either way, but
I do the safe thing by asking first, when I board, if they will
let me listen to my scanner.

Hope this helps.

Mike
--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^ Catch the WAVE v^v^v^

1244. Re: scanners on airplanes?

Newsgroup: rec.radio.scanner
Date: 1994-02-21 23:02:15 UTC
From: cravitma@cps.msu.edu
Message-ID: <2kbehn$u9k@msuinfo.cl.msu.edu>
Source record: 276902

On 21 Feb 1994 22:25:11 GMT, strange alien beings caused rathinam@ins.infonet.net to write:
> In article <2k67ct$21v@vixen.cso.uiuc.edu>, maronco@uxa.cso.uiuc.edu (maronic ronald craig) writes:
> >Does anybody know if it is legal to carry a handheld scanner
> >onto a commercial airplane?
> >

> Carry - yes.
> Use - may be.
> Different airlines have different policies when it comes to
> scanner use while on board the airplane. If the airline
> allows scanner use, it is allowed in the CRUISE phase
> of the flight only (generally, NOT the first and last 10
> minutes of the flight).

Listen too to the announcements from the captain about altitude and stuff. The prohibition during the non-"cruise" portions of the flight stems from an FAA regulation restricting what can be done when the plane is flying IFR (Instrument Flight Rules) below 10,000 feet.

> Look in the airlines magazine on the seat back for their
> policy. Or, ask the captain (Pilot) - he is the ultimate
> athority.

Correct. According to the FAR (Federal Aviation Regulations), the Pilot-in-Command has ultimate authority to authorize or not any radio equipment on an aircraft.

> In any case, PLEASE DON'T USE it in the first 10 and the
> last 10 minutes of a flight. (There have been known cases
> of interference to navigation equipment from electronic
> devices - I think there is a current FAA study going on
> related to this.)

There is probably current research -- the "documented instances" of interference are inconclusive at best. There is some concern that fly-by-wire aircraft, which use electronic controls (such as the 767, MD-11 and Airbus A-320) _may_ be prone to momentary interruptions in the flight controls from heavy levels of RFI, but I wouldn't think that an average scanner should leak enough RF to make a difference. I placed my scanner next to the antenna of a $20,000 Hewelett Packard spectrum analyzer, and could not find any significant signal leak (All of the spikes I could see were less than 1 dB above the ambient electrical noise level). But, ultimately, the pilot has the final call.

Try boarding either first or last and politely asking the pilot for permission before the flight. Delta specifically allows scanners above 10,000 ft, United and American both had near-heart attacks when I even mentioned the subject. I cannot vouch for other airlines, or individual pilots on these airlines.

/Matthew

--
Matthew Cravit, N9VWG | All opinions expressed here are
Michigan State University | my own. I don't speak for MSU
East Lansing, MI 48825 | and they don't speak for me (luckily
E-Mail: cravitma@cps.msu.edu | for both of us).

1245. "Fireground"

Newsgroup: rec.radio.scanner
Date: 1994-02-22 00:06:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <762103704.AA02759@rochgte.fidonet.org>
Source record: 276903

> From: msaran@pt.olympus.net (Mark Saran)
> Organization: Internet for the Olympic Peninsula

> For the most part in the NW US fireground means an on-scene freq. not
> dispatch. It is often a low power simplex freq. In Washington we
> have a state-wide low power freq of 153.82.
^
The terminology seems valid throughout the country. However, if you
are in the USA, your frequency is more likely to be 153.83 MHz.

1246. Radio Shack Pro-51

Newsgroup: rec.radio.scanner
Date: 1994-02-22 00:10:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <762103704.AA02760@rochgte.fidonet.org>
Source record: 276904

> From: cravitma@cps.msu.edu (Matthew B Cravit)
> Organization: Michigan State University

> I just bought a Radio Shack Pro-51 (seems to be a replacement for the
> Pro-43, according to the local R.S. salesdroid), and although I have
> only been playing with it a few hours, I thought I'd post a few
> observations:

Fortunately, your salesdroid seems as [un]knowledgeable as any other. The
PRO-51 makes a poor substitute for the PRO-43.

> * Frequency Range : Covers 29-54, 108-174, 406-512, 806-823.937,
> 851-868.937, 896.112-956 (cellular excluded)

No 220-400 coverage makes it a bad deal for the PRO-43 fan.

Reportedly dual-conversion also, but check your manual to be sure. The
PRO-43 is triple-conversion.

1247. Looking For Operating Instructions for BC210XL

Newsgroup: rec.radio.scanner
Date: 1994-02-22 00:24:15 UTC
From: calderwt@redbaron.wosc.osshe.edu
Message-ID: <calderwt.22.2D6950AF@redbaron.wosc.osshe.edu>
Source record: 276905

I need the operating instructions for the BC210XL scanner. If any know how to run the thing could you drop me a leter. I believe it works but not sure how to run it.

Thanks

1248. AR3000/2515 12Volt Connector

Newsgroup: rec.radio.scanner
Date: 1994-02-22 00:32:49 UTC
From: hl1@soc4.acpub.duke.edu
Message-ID: <2kbjrh$gai@news.duke.edu>
Source record: 276906

The 12 Volt connector on AR3000 and AR2515's is a strange 3 pin deal with the female on the cord and the male on the scanner. The shape is a rectangle with two corners clipped off.

Does anyone know the name of this plug? Is it a Japanese National Standard or a DIN design? Is there another place to purchase a replacement besides ACE?

1249. Southern CA Scanning BBS?

Newsgroup: rec.radio.scanner
Date: 1994-02-22 00:50:01 UTC
From: ignatzmous@aol.com
Message-ID: <2kbkrp$i16@rmg01.prod.aol.net>
Source record: 276907

Would appreciate info on any scanner-oriented BBS's with particular interest in Southern California, Los Angeles and Orange County local numbers.

Anyone with info can reply in this group or via email. Thanks!

Ignatz Mouse, Village Explainer Terremoto del Sol, CA
"Forget it, Sonny. It's turtles all the way down."

1250. Do YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-02-22 03:44:44 UTC
From: alberg@hudlink.hoboken.nj.us
Message-ID: <s+XatA7MBh107h@hudlink.hoboken.nj.us>
Source record: 276908
Cross-posted to: alt.radio.scanner,rec.radio.scanner

If so, I'd like to hear from you!

I am doing an article about cordless phones and scanner hobbyists who
listen in on them.

If you are a cordless listener, I'm interested in knowing:

WHY you listen to cordless

WHO you listen to - do you listen randomly or target your listening?

Have you ever heard anything shocking or bizarre?

Have you heard sensitive information (ie people giving credit card #s,
travel plans, etc.)?

Did you ever use any of the information you heard?

Do you think that listening to cordless is unethical? If not, why is it
more ethical than tapping a land line?

What kind of scanner do you use?

Did you buy your scanner specifically to listen to calls or is this just
a sideline?

ALL NAMES WILL BE KEPT CONFIDENTIAL!!
Please let me know if I can quote you (with a pseudonym).

Many thanks!

Al

--
==
Al Berg | alberg@netlan.jpr.com | When cryptography is illegal, only
| alberg@hudlink.hoboken.nj.us | criminals will XF4gjwWq#vbdDGh#*!
==

1251. Scanner laws online?

Newsgroup: rec.radio.scanner
Date: 1994-02-22 03:46:26 UTC
From: alberg@hudlink.hoboken.nj.us
Message-ID: <SAYatAtKBh107h@hudlink.hoboken.nj.us>
Source record: 276909
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Is there an ftp site or other source of information where I can get
information on the laws regarding scanners (mobile monitoring laws,
general restrictions, etc) for each of the 50 states?

Many thanks
Al

--
==
Al Berg | alberg@netlan.jpr.com | When cryptography is illegal, only
| alberg@hudlink.hoboken.nj.us | criminals will XF4gjwWq#vbdDGh#*!
==

1252. Salt Lake City freqs?

Newsgroup: rec.radio.scanner
Date: 1994-02-22 03:48:15 UTC
From: alberg@hudlink.hoboken.nj.us
Message-ID: <-BYatAXKBh107h@hudlink.hoboken.nj.us>
Source record: 276910
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I am taking a trip to SLC in March and will be taking my scanner along.

I'd appreciate any info on interesting freqs (PD, business, LDS Church, etc) as well as any info on the laws regarding scanning in UT.

Thanks
Al

--
==========
Al Berg | alberg@netlan.jpr.com | When cryptography is illegal, only
| alberg@hudlink.hoboken.nj.us | criminals will XF4gjwWq#vbdDGh#*!
==========

1253. freq's?

Newsgroup: rec.radio.scanner
Date: 1994-02-22 03:51:00 UTC
From: craig.reilly@ENEST.COM
Message-ID: <53.2661.1744.0N2013D0@ENEST.COM>
Source record: 276911

Anyone have any FREQUENCIES for RESCUE, FIRE, POLICE, TRAIN, in

RhOdE iSlAnd?

I have all of the air frequencies...

thanx...

Ĵ r g

1254. Re: Pro 2021 and D/FW freq list.

Newsgroup: rec.radio.scanner
Date: 1994-02-22 04:16:48 UTC
From: murdock@netcom.com
Message-ID: <murdockCLLyK2.29x@netcom.com>
Source record: 276912

Ron Gregory (rgregory@adrs1.dseg.ti.com) wrote:
: PRO-2021
: ========

: I bought my Pro 2021 in '88 and now have a couple of comments/questions.
: It will scan 30-54 / 108-136 / 138-174 / 380-512 Mhz
: ...

The "Scanner Modification Handbook" by Bill Cheek (CRB Research Books, Inc.; P.O. Box 56; Commack, NY 11725; ISBN 0-939780-11-9) describes 2 PRO-2021 mods: 806-960 MHz & 68-88 MHz. I tried the first mod on my PRO-2021 & it did *not* work: although I can program the frequencies, I don't pick anything up. The 2nd mod causes one to loose access to 30-64 MHz, so I didn't try it.

: D/FW freq list
: ==============

: Soon after I bought my 2021, I found a list of local scanner frequencies
: on a local computer BBS. Well, I have lost that list; it is probably
: hopelessly out of date, anyway.

THE DEFINITIVE D/FW frequency list is in a book "D/FW Frequency List" edited by Ken Winters, N5AUX (10 ed., 1994; published by Basic Computer Services Co.; P.O. Box 171473; Arlington, TX 76003-1473). I picked up my copy for $15-20 at Hardin's (Rosedale & I-820, Fort Worth). I'm not aware of this info being publically availble electronically.

-Robert (haven't got time to make up a fancy sig line)

1255. Re: MODS for Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-02-22 04:31:04 UTC
From: murdock@netcom.com
Message-ID: <murdockCLLz7t.3zw@netcom.com>
Source record: 276913
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Keith McQueen (keithm@wicat.com) wrote:
: Could someone please e-mail me the cellular (and any other) mods
: for the Pro-43 scanner. This is for a friend, and I can't find
: them in my collection.

I'm very interested in the mods... I'd sure appreciate it if someone could mail them to me, too... or let me know of an FTP site. Thank you in advance!

-Robert (murdock@netcom.com)

1256. Re: MODS for Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-02-22 05:04:05 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCLM0qu.HDn@netcom.com>
Source record: 276914
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <murdockCLLz7t.3zw@netcom.com> murdock@netcom.com (Robert Murdock) writes:
>Keith McQueen (keithm@wicat.com) wrote:
>: Could someone please e-mail me the cellular (and any other) mods
>: for the Pro-43 scanner. This is for a friend, and I can't find
>: them in my collection.
>
>I'm very interested in the mods... I'd sure appreciate it if someone could
>mail them to me, too... or let me know of an FTP site. Thank you in
>advance!
>
>-Robert (murdock@netcom.com)

There are many mods available on World:

Anonymously FTP into: ftp.std.com:/pub/hamradio/mods

The directory structure from this point is separated by manufacturer.

Scott

--
```
================================================================================
| Scott Ehrlich Internet: wy1z@neu.edu BITNET: wy1z@NUHUB |
| Amateur Radio: wy1z AX.25: wy1z@k1ugm.ma.usa.na |
|------------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - ftp.std.com pub/hamradio |
================================================================================
```

1257. Re: Cellular snooping devices

Newsgroup: rec.radio.scanner
Date: 1994-02-22 09:35:22 UTC
From: caliban@soda.berkeley.edu
Message-ID: <caliban.761909722@soda>
Source record: 276915

der@anomaly.sbs.com (Admiral David E. Ryan) writes:

>that allows people to monitor cell calls, and display certain
>information about the call - including "following" the call when
>it changes cell locations.

i have noticed this... on cellular channels here,
often you will hear a 'bzzzzrt' sound, and the call
will vanish, presumably to a less crowded frequency,
right? is this some kind of standardized collaboration
between base and fone? is there any simple rules
they adhere to when the switch, to make it easier for
one to manually follow the transmission?

calionic

1258. Monitoring Times

Newsgroup: rec.radio.scanner
Date: 1994-02-22 10:36:21 UTC
From: phybs@mizzou1.missouri.edu
Message-ID: <phybs.5.000A9B76@mizzou1.missouri.edu>
Source record: 276825

I have read of several references to the magazine Monitoring Times. I have checked the local library & bookstore. No luck. Where can I get a subscription?

Thanks.

1259. Re: Do YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-02-22 16:50:20 UTC
From: mhaynie@menace.hq.interlink.com
Message-ID: <MHAYNIE.94Feb22085020@menace.hq.interlink.com>
Source record: 276916
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Frankly, I wasn't trying to get cordless calls when I bought my scanner. I was more interested in train scheduling and local police. When I couldn't get the railroad yards clearly enough, I went down and bought an external antenna. The instructions were very clear: they talked about snipping off 2" of antenna for 46Mhz, 3" for 48Mhz, etc. I was interested in 400 Mhz and thought "What's down at that frequency that these very exact charts are concerned about?" I didn't alter the antenna, but when I got

it installed I found the cordless phone range. That didn't come in at all with the rubber duck antenna.

I listened one night to Ken and Marilyn. Ken's in jail and Marilyn's been holding down the household for the last several years. Through all of this it was clear that their love for each other endures. Ken's going to be out soon. And they talked about buying a Mercury Sable soon after he's free. Although, Marilyn liked the new Chrysler Neon because of the "cute round headlights."

Complex lives, complex problems, simple solutions. I realized that I should not be listening to such things and just deleted the frequencies from my PRO-43.

People know when they are on a cellular phone that their voices are "on the air" over long distances. But, with a cordless phone people just don't think that the signal travels further than the 50ft between the handset and the receiver.

The other thing that I found with the antenna that I couldn't get before are "baby monitoring" frequencies. Essentially, people are putting eavesdropping devices in their homes. The monitor, often attached to a crib or bed, picks up dialog and sounds throughtout the house. Further, the things are never turned off. It's easy, if you can identify where the monitor is located (usually by a call to a local pizza delivery service) when the family is home and when it's not.

Technology is there to scramble the signals ... it would probably add $10 to the price of a phone or monitor. I'll never get another one of these things until they come with more security.

--

Mark Haynie mnh@interlink.com
Interlink Computer Sciences 510-249-6253
Fremont, CA

1260. <None>

Newsgroup: rec.radio.scanner
Date: 1994-02-22 17:14:29 UTC
From: ruehlce@ucbeh.san.uc.edu
Message-ID: <1994Feb22.121429.6435@ucbeh>
Source record: 276917

DOES ANYONE HAVE ANY GOOD FREQUENCIES FOR THE CINCINNATI OH AREA. I HAVE THE ONES OUT OF THE POLICE CALL BOOK BUT I WOULD LIKE TO HAVE SOME MORE. MAYBE LIKE CTC, OR SOME OF THE OTHER SCHOOLS AROUND. ANYTHING THAT SOUNDS INTERESTING I WILL USE. THANKS AHEAD OF TIME. I WOULD APPRECIATE THE INFORMATION.
SEND BY E-MAIL RUEHLCE@UCBEH.SAN.UC.EDU

1261. FREQS FOR CIN. OHUP

Newsgroup: rec.radio.scanner
Date: 1994-02-22 17:20:58 UTC
From: ruehlce@ucbeh.san.uc.edu
Message-ID: <1994Feb22.122058.6436@ucbeh>
Source record: 276918

DOES ANYONE OUT THERE HAVE ADDITIONAL INFORMATION ON CINCINNATI OH FREQS?
I HAVE ALL THE ONES OUT OF THE POLICE CALL. I WOULD LIKE TO HAVE SOME MORE
INTERESTING FREQS THAN THAT. IF ANYONE WOULD HAPPEN TO HAVE SOME PLEASE FILL ME
IN ON THOSE BY E-MAIL TO:

RUEHLCE@UCBEH.SAN.UC.EDU

THANKS FOR THE INFO

1262. Re: PRO-2006 for sale ($250.00) (NC-DC)

Newsgroup: rec.radio.scanner
Date: 1994-02-22 17:32:01 UTC
From: info@absystems.com
Message-ID: <2kdfih$lib@inxs.concert.net>
Source record: 276919

In article <2k3o63$nc@inxs.concert.net> info@absystems.com (Paradigm Shift, Inc.) writes:
> In article <2k3nmi$jj@inxs.concert.net> info@absystems.com (Paradigm Shift, Inc.) writes:
> > >
> > I have a PRO-2006 for sale that is about 3 months old and I am looking for $250
> > including FEDEX COD shipping, however if you are between Durham, North Carolina
> > and DC, I will deliver at no charge. I am upgrading to the AR3000.

The above has been sold (I probably sold it a little cheap) judging by the 100+ responses.

Thanks.

--
Paradigm Shift, Inc. (919) 682-8553 [Voice]
A NeXT Object Channel Member (919) 682-1126 [Fax]
NeXTMail Welcomed (temporary domain) info@absystems.com

1263. Re: Do YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-02-22 17:37:09 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2kdfs5$gc6@bigfoot.wustl.edu>
Source record: 276920
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Mark Haynie (mhaynie@menace.hq.interlink.com) wrote:

: Technology is there to scramble the signals ... it would probably add $10 to the price of a phone or monitor. I'll never get another one of these things until they come with more security.
:
: --
: ------------
: Mark Haynie mnh@interlink.com
: Interlink Computer Sciences 510-249-6253
: Fremont, CA\
You know, I have a pro43 and am *quite* aware of how easy eavesdropping is, especially living in a college dorm. I also know that there are hams in the building who have scanners. But for some odd reason, I still use my good-ol AT&T 5200 unencrypted cordless. I guess that I just dont think that anyone would be interested in any of my conversations. Of course, when things get a little more serious, I go to the corded phone.. . There cant be _that_ many people out there with scnners, can there???

--jessE
(no, I didn't cap the E, the newsreader did it for me)

1264. Re: Do YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-02-22 17:37:09 UTC
From: flower@SDVAX2.etdesg.trw.com
Message-ID: <FLOWER.94Feb22103946@SDVAX2.etdesg.trw.com>
Source record: 276921
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <2kdfs5$gc6@bigfoot.wustl.edu> jlw3@cec3.wustl.edu (Jesse L Wei) writes:

>Mark Haynie (mhaynie@menace.hq.interlink.com) wrote:
>
>: Technology is there to scramble the signals ... it would probably add $10 to the price of a phone or monitor. I'll never get another one of these things until they come with more security.
>:
>: --
>: ------------
>: Mark Haynie mnh@interlink.com
>: Interlink Computer Sciences 510-249-6253
>: Fremont, CA\
>You know, I have a pro43 and am *quite* aware of how easy eavesdropping is,
>especially living in a college dorm. I also know that there are hams in the
>building who have scanners. But for some odd reason, I still use my good-ol
>AT&T 5200 unencrypted cordless. I guess that I just dont think that anyone
>would be interested in any of my conversations. Of course, when things get
>a little more serious, I go to the corded phone.. . There cant be _that_
>many people out there with scnners, can there???
>

That's when I go and get my Tropez digital cordless phone.. I know for a fact that average joe (without special equipment) will have an awfully hard time listening to my conversations! I've heard it on a scanner and it sounds like turning your TV to an unused UHF channel...

>--jessE
>(no, I didn't cap the E, the newsreader did it for me)
>

-- Rick
--
+--------------------+--+
Did I mention that I	Internet Addr: flower@donald.etdesg.TRW.COM
Used to work for	or
Micheal Jackson???	flower@sdvax2.etdesg.TRW.COM
+--------------------+--+

1265. pro-43 cardiac arrest

Newsgroup: rec.radio.scanner
Date: 1994-02-22 18:09:12 UTC
From: ah301@yfn.ysu.edu
Message-ID: <ah301-220294130912@sy_j.pgh.wec.com>
Source record: 276922
Cross-posted to: rec.radio.scanner,alt.radio.scanner

yesterday as I was driving up the macdonalds driver thru, I turned on
my pro-43 and was enabling/disabling banks to monitor the wireless mikes,
all of a sudden, the scanner froze (no scanning), I turned it off and
turned it back on again, nothing no display. I took the batteries out,
put it back in again, still no display.

so I did the reset, and everything was back to normal (everything except
the 200 channels that I programmed). I was trying to recreate what
I did but could not.

has anybody here experienced this ? btw, I had the priority scan turned
on when that happened.

jerry

1266. Re: "Fireground"

Newsgroup: rec.radio.scanner
Date: 1994-02-22 18:16:05 UTC
From: plaws@comp.uark.edu
Message-ID: <Pine.3.89.9402221220.A3551-0100000@comp>
Source record: 276923

> I goofed and posted this to the shortwave group yesterday.
> Since nobody answered, I don't feel so bad about reposting
> it here.

And they wondered why we split? :-)

>
> In Connecticut, fire companies are often assigned two
> frequencies. One is "local operations," the other is
> "fireground." I'm wondering about the use of 'fireground.'

Fireground is where you'll hear the on-scene operations. Most smaller
departments use simplex, but larger cities, such as Boston, have
repeaterized fireground frequencies. Boston's FD command post vehicle
even has it's own repeater for improved coverage at the scene.

Be advised: voices you hear on the fireground channel are often muffled.
Why? Ever try to talk through the facepiece of an air pak? :-)

73,
Peter Laws, N5UWY - V31WY
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Peter Laws <plaws@comp.uark.edu> | "That's the President of the United States
n5uwy@ka5bml.#nwar.ar.usa.noam | you're talking about, pinhead."-VP Al Gore

1267. Re: Do YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-02-22 18:21:18 UTC
From: hoagy@illuminati.io.com
Message-ID: <2kdieu$c0q@illuminati.io.com>
Source record: 276924
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <s+XatA7MBh107h@hudlink.hoboken.nj.us>,
>
>WHY you listen to cordless
>
When nothing else is on the scanner, I tune in. Hell, I even
listen to the McDonalds headset frequency when the scanner is
really inactive. Call it curiousity. I'm an amateur radio operator.
It's my nature!

>WHO you listen to - do you listen randomly or target your listening?
>
Oh, it's random. Save for this one couple who has some real interesting
arguements. It's quite amusing. I thought only soap operas were
like that!
>Have you ever heard anything shocking or bizarre?
>
Yes. However, Federal law prohibits me from revealing what I've heard.

>Have you heard sensitive information (ie people giving credit card #s,
>travel plans, etc.)?
>
Yep. Again, can't speak about it. But, I couldn't care less about
credit cards. I don't like the idea of spending time in prison for
credit card fraud. 'sides, have my own.

>Did you ever use any of the information you heard?
>
See previous responses on it being illegal.

>Do you think that listening to cordless is unethical? If not, why is it
>more ethical than tapping a land line?
>
These are radio waves. The electromagnetic spectrum is not
under the 'ownership' of any person, or any government. Listening in to
these is no less ethical than listening to police frequencies.
On police bands, they tell names, addresses, birthdates of people
when they have dispatch run them through the computer. That's more personal
than Joe ordering a pizza. A cordless phone is a radio, and the base
unit is the ONLY 'phone' portion of the telephone. The rest is just
a low-power radio.

>What kind of scanner do you use?
>
Realistic Pro-2010.

>Did you buy your scanner specifically to listen to calls or is this just
>a sideline?
Sideline. I am more interested in amateur radio repeaters and police bands.

>Please let me know if I can quote you (with a pseudonym).
>
Hell, use my name. I don't care. I'm not the one doing 'naughty' things
and talking 'bout them on the cordless phone. I've nothing to hide.

--
.....
Matt Rupert Bodyguards - Personal Liason Taurus Executive Protetion
2984 Pheasant Run Drive apt D Jackson MI 49202 (517) 782-1438 24hrs a day
"This is UNIX...I know this!" Jurassic Park

1268. Re: FREQS FOR CIN. OHUP

Newsgroup: rec.radio.scanner
Date: 1994-02-22 20:04:32 UTC
From: roshaugh@oucsace.cs.ohiou.edu
Message-ID: <CLn6FL.DI8@oucsace.cs.ohiou.edu>
Source record: 276826

In article <1994Feb22.122058.6436@ucbeh> RUEHLCE@UCBEH.SAN.UC.EDU writes:
>DOES ANYONE OUT THERE HAVE ADDITIONAL INFORMATION ON CINCINNATI OH FREQS?
>I HAVE ALL THE ONES OUT OF THE POLICE CALL. I WOULD LIKE TO HAVE SOME MORE
>INTERESTING FREQS THAN THAT. IF ANYONE WOULD HAPPEN TO HAVE SOME PLEASE FILL ME
>IN ON THOSE BY E-MAIL TO:
>
> RUEHLCE@UCBEH.SAN.UC.EDU
>
> THANKS FOR THE INFO

DON'T EVER POST IN ALL CAPS YOU FOOL!!!!!!! IT IS THE MORAL EQUIVALENT OF
BLOWING A POLICE WHISTLE IN A PHONE!!!!!!!!!!

That being said, there is a BBS in Covington (Cincinnati Computer
Connection will have their number) that has a 26 page book that you can
download that lists every conciveable freq in the Cincinnati area.
I have a copy, but I don't have the number.

Bob

p.s. don't ever post in all caps again, if you value your privacy, or your
image on the net!

1269. Re: Do YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-02-22 20:23:13 UTC
From: dwt8413@ritvax.isc.rit.edu
Message-ID: <1994Feb22.202313.19206@ultb.isc.rit.edu>
Source record: 276827
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <2kdieu$c0q@illuminati.io.com>, hoagy@illuminati.io.com (Sir Hoagy) writes:
>In article <s+XatA7MBh107h@hudlink.hoboken.nj.us>,
>>
>>WHY you listen to cordless
>>
>When nothing else is on the scanner, I tune in. Hell, I even
>listen to the McDonalds headset frequency when the scanner is
>really inactive. Call it curiousity. I'm an amateur radio operator.
>It's my nature!

What is the McDonalds Freq??? I want a Big Mac, Large fries and an Apple Pie!!

--
Dana W. Tyler
Electrical Engineering |
Rochester Institute of Technology ---=o=---
DWT8413@vaxa.isc.rit.edu o/!\o

1270. Re: Intermediate Freq.

Newsgroup: rec.radio.scanner
Date: 1994-02-22 20:39:41 UTC
From: bmiller@landesk.intel.com
Message-ID: <2kdqid$9d6@ornews.intel.com>
Source record: 276828

In article <2k4fbl$o7h@pace1.cts> msadkins@mtu.edu (Matthew S. Adkins) writes:
>
> Does anyone know how to find the intermediate frewquncy of a
>Bearcat BC148XLT? Thanks.....
>Or a mod for aircraft freqs. would be good.
>
>
>--
> Matthew S. Adkins Technician
>Michigan Tech University, CS Major MTU Sound & Light Serices
>Internet: msadkins@major.cs.mtu.edu Internet: msadkins@mtu.edu
>
>"As MTU has no opinions, my opinions "The fastest way to accelerate a
>couldn't possibly be theirs." Macintosh is 9.8 m/s^2."

The IF is most likely 10.7 but could be 10.8 Listening to aircraft images won't work that well since your scanner is set to NFM mode while aircraft are on AM mode. To find the image, double the IF and add it to the freq. you want to listen to.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1271. Re: Cellular snooping devices

Newsgroup: rec.radio.scanner
Date: 1994-02-22 20:52:48 UTC
From: bmiller@landesk.intel.com
Message-ID: <2kdrb0$9kj@ornews.intel.com>
Source record: 276829

In article <caliban.761909722@soda> caliban@soda.berkeley.edu (rocky mullin) writes:
>der@anomaly.sbs.com (Admiral David E. Ryan) writes:
>
>>that allows people to monitor cell calls, and display certain
>>information about the call - including "following" the call when
>>it changes cell locations.
>
> i have noticed this... on cellular channels here,
> often you will hear a 'bzzzzrt' sound, and the call
> will vanish, presumably to a less crowded frequency,
> right? is this some kind of standardized collaboration
> between base and fone? is there any simple rules
> they adhere to when the switch, to make it easier for
> one to manually follow the transmission?
>
> calionic
>
>

Bill Cheeks first scanner mod handbook has some hints on how calls are moved. It says that in a 7-cell plan (cell A, cell B, cell C etc.) calls never switch to the same cell or adjacent cells. For example, if the caller is talking in cell C, it will not switch to another cell C or cell B nor cell D. So if you have a list of freqs by cell, you have eliminated 3 of the 7 possible cells. Its not much help since that still leaves a lot of frequencies to search. I don't know how things work in the 21 cell plan. The above also assumes a "sectored" cell site which use short range directional antennas (at the base) rather than the omni antennas used in the non-sectored areas. Most cities use a sectored 7 cell format. Many rural areas use the non-sectored format.

Another problem with Bill's explanation is that a call might switch to another cell and quickly switch back to the original cell after finding the signal was too weak.

Sorry about the rambling. Hope this makes some sense.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1272. Re: scanners on airplanes?

Newsgroup: rec.radio.scanner
Date: 1994-02-22 21:05:09 UTC
From: bmiller@landesk.intel.com
Message-ID: <2kds25$9p6@ornews.intel.com>
Source record: 276830

In article <2k67ct$21v@vixen.cso.uiuc.edu> maronco@uxa.cso.uiuc.edu (maronic ronald craig) writes:
>Does anybody know if it is legal to carry a handheld scanner
>onto a commercial airplane?
>

Yes it is legal, but the law is not the problem in most cases. Each airport has its own security people (the guys at the x-ray machines). They have the power to do and say what they want. Of course there are federal rules and guidelines but if they don't like something you have, they have the power to make you check it.

I flew to Canada once with a scanner in my carry-on but on the return trip they said I couldn't take it on the plane. I had to check it!

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1273. Re: Auto racing info needed

Newsgroup: rec.radio.scanner
Date: 1994-02-22 21:50:40 UTC
From: mcneill@salem.enet.dec.com
Message-ID: <CLnBJB.C2u@ryn.mro.dec.com>
Source record: 276831

In article <2k4oj5$akm@crl2.crl.com>, vhealey@crl.com (Victor Healey) writes...
>
> I need frequencies and other tips regarding monitoring auto racing
>at Atlanta 500 in Hampton Ga and Taladega's track in Taladega Al. This is
>for some folks that bought bc200's to listen to crews, saftey etc. Either
>leave message here or email me at vhealey@crl.com
>Thanks
>
>Victor Healey
>
>KI4JE
>

Victor,

Here are two list of NASCAR frequencies. I take credit for
neither. The name of the author of the first listing is unknown to
me. Robert Ford posted the second listing a while ago here on
USENET.

Regards,

Kevin

NASCAR frequencies 1992/1993 season listing

1 * Rick Mast 461.1625 463.8875 469.4500 464.4500
2 * Rusty Wallace 461.5870
3 * Dale Earnhardt 469.0125 464.0125
4 * Ernie Irvan 464.3000 469.3000 854.7620 856.4370
856.3620 856.1875
5 * Ricky Rudd 857.4870 851.4875 851.5000
6 * Mark Martin 460.9500 468.5625 463.4000 463.9250
7 Alan Kulwicki 461.1500 466.1500
8 * Dick Trickle 935.6500 468.9750
9 * Chad Little 853.4875 853.5000 468.9620 465.1500
10 Derrike Cope 468.5125 464.0250 851.0375
11 * Bill Elliott 855.5125 855.5625 (scram)
12 Hut Stricklin 467.5750 467.7250
15 Geoff Bodine 457.5250
16 * Wally Dallenbach 468.4500
17 Darrell Waltrip 469.3120 468.7620 467.8750 469.1250
18 * Dale Jarrett 466.0125
21 Morgan Shepherd 855.2875 855.0375 856.7375 854.7875
22 * Sterling Marlin 855.5625 857.8375 466.7000 461.8750

25 * Ken Schrader 851.5625 856.9125 856.9250 851.5750
26 * Brett Bodine 460.5875 468.4875
28 * Davey Allison 461.3125 457.6000
30 Michael Waltrip 853.0125 855.3125 853.8875 466.3000
461.3000
33 Harry Gant 463.3125 468.7750
41 Dave Marcus 462.5500 461.2250 461.2125
42 Kyle Petty 852.0375 853.0125 851.9125 857.3125
43 Richard Petty 865.6625 865.6375 865.6125 865.7125
852.0875
52 * Jimmy Means 467.9250 469.9250 464.4000 464.9250
55 * Ted Musgrave 465.6875 468.3500 466.4250 463.2250
66 Jimmy Hensley 464.6000 469.6000
68 * Bobby Hamilton 467.0000 464.0250
71 * Jim Sauter 467.5625
94 * Terry Labonte 857.8375 857.8500

The #11 was scrambled and sounded like simple speech inversion.

NASCAR CH 1 - 464.500 CH 7 - 467.800
CH 2 - 464.775 CH 8 - 467.025
CH 3 - 464.900 CH 9 - 468.325 * NASCAR normally uses 3 of
CH 4 - 469.500 CH10 - 469.075 the first 5 channels in the
CH 5 - 462.025 CH11 - 466.937 left column during the race.
CH 6 - 463.850 CH12 - 468.475

SCORING - 468.825

MRN 454.000 450.800 * The first channel is used
450.850 464.800 for a satellite feed.

TNN 450.1625
450.2875
450.5375

ESPN 450.250 471.950
450.350 462.575
462.550 462.625
464.500 467.325
467.250 152.960
466.650 151.775
461.3125 450.450
450.050 492.887
462.650

Winston Cup Scene 468.650 465.9625

Inside Winston Cup 463.2625

Note: If whoever is covering the race is not on the above frequencies,
try using the search function on your scanner between 450.00 and 470.00
at air time.

Frequencies in the 450-470 MHz range are usually paired in the
following way:

o channels between 450-455 MHz are paired with channels 5 MHz
higher (455-460 MHz).

o channels between 460-465 MHz are paired with channels 5 MHz
higher (465-470 MHz).

To save on space, only one half of the frequency pair is listed.
So, if a station is listed on 461.300 MHz, try listening on
466.300 MHz also.

From: robert@unbsj.ca (Robert Ford)

The following is a copy of a frequency list sold at the NASCAR race
this past week in New Hamshire (I think that is where it was; my sister
and brother-in-law attended and borrowed my scanner.)

I have no idea of the validity of the list for the race since I wasn't there
and suspect most of the frequencies will change by the next race. But,
here goes anyways.

Winston Cup Series

Car Driver Frequencies
--- ------ -----------
1 Rick Mast 461.1625 463.8875
2 Rusty Wallace 463.450 466.5625
3 Dale Earnhardt 469.0125
4 Ernie Irvan 464.300
5 Ricky Rudd 468.2125 468.2425 469.375
6 Mark Martin 460.950
7 Jimmy Hansley 466.475 467.075
8 Sterling Marlin 465.8875
9 P.J. Jones 853.4875 Practice -- 465.150
11 Bill Elliott 855.5125
12 Jimmy Spencer 467.575 467.725
14 Terry Labonte 857.8375
15 Geoff Bodine 457.525
16 Wally Dallenbach 468.450
17 Darrell Waltrip 468.7625 469.3125
18 Dale Jarrett 466.0125 467.7625
20 Bobby Hamilton 466.275
21 Morgan Shepherd 855.2875 854.7875 855.0375
22 Bobby Labonte 468.9375
24 Jeff Gordon 467.0625
25 Ken Schrader 466.7875
26 Brett Bodine 460.5875
27 Hut Stricklin 855.5625
28 Davey Allison 466.950 461.3125
30 Michael Waltrip 466.300 853.8875
32 Jimmy Horton 462.7125

33 Harry Grant 468.775
40 Kenny Wallace 852.0375 852.4125 855.7375
854.2625 853.1625 851.6625
853.2625 851.0375
41 Phil Parsons 461.2125
42 Kyle Petty 852.0375 852.4125 855.7375
854.2625 853.1625 851.6625
853.2625 851.0375
44 Rick Wilson 852.1875 852.0875
45 Rick Bickle, Jr. 463.7375
49 ????? Smith 469.6375 469.6125
51 Jeff Purvis 468.325
52 Jimmy Means 467.925
55 Ted Musgrave 465.6875
68 Greg Sacks 467.000 464.025
71 Dave Marcis 467.5625
73 Phil Barkdoll 467.825 467.775
75 Dick Trickle 468.975
77 Mike Potter 464.425
82 Mark Stahl 461.825
83 Lake Speed 859.8125
89 Jim Sauter 464.9625
90 Bobby Hillin 467.1625
95 Ken Ragan 461.825
98 Derrike Cope 468.725 469.150
0 Delma Cowart 460.6875
03 Kerry Teague 468.8125

Officials, Radio, and TV Networks

NASCAR Ch. 1 464.500
NASCAR Ch. 2 464.775
NASCAR Ch. 3 464.900
NASCAR Ch. 6 463.850
NASCAR 467.800
NASCAR 468.325
NASCAR (timing&scoring) 463.650

MRN Radio 454.000
ESPN TV 450.250
ESPN TV 450.350
WTBS TV 455.5875
CBS TV 153.290
Winston Cup Scene 465.9625
Inside Winston Cup 463.2625
Capital Sports Radio 450.250
ABC Television 455.1125
TNN 450.5875
PRN (Charlotte) 450.850
Hoosier Tire Co. 464.9625

IROC 461.6625 641.0625

Well, in none of these frequencies are in use when you need them, there
are clearly two places to use your search feature:

1) 460-470
2) 850-856

This should uncover just about anything you are looking for.

Robert Ford

<<< SALEM::SOFTWARE2:[NOTES$LIBRARY]RADIO_SCANNER.NOTE;1 >>>
-< Welcome to the RADIO_SCANNER conference >-
==
Note 99.0 NASCAR frequencies 2 replies
::Robert Ford "robert@unbsj.ca (Robert Ford)" 124 lines 17-JUL-1993 14:23

Ok, now that it seems that I can post messages here is "non-test" message.

The following is a copy of a frequency list sold at the NASCAR race
this past week in New Hamshire (I think that is where it was; my sister
and brother-in-law attended and borrowed my scanner.)

I have no idea of the validity of the list for the race since I wasn't there
and suspect most of the frequencies will change by the next race. But,
here goes anyways.

Winston Cup Series

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--- ------ -----------
1 Rick Mast 461.1625 463.8875
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5 Ricky Rudd 468.2125 468.2425 469.375
6 Mark Martin 460.950
7 Jimmy Hansley 466.475 467.075
8 Sterling Marlin 465.8875
9 P.J. Jones 853.4875 Practice -- 465.150
11 Bill Elliott 855.5125
12 Jimmy Spencer 467.575 467.725
14 Terry Labonte 857.8375
15 Geoff Bodine 457.525
16 Wally Dallenbach 468.450
17 Darrell Waltrip 468.7625 469.3125
18 Dale Jarrett 466.0125 467.7625
20 Bobby Hamilton 466.275
21 Morgan Shepherd 855.2875 854.7875 855.0375
22 Bobby Labonte 468.9375

24 Jeff Gordon 467.0625
25 Ken Schrader 466.7875
26 Brett Bodine 460.5875
27 Hut Stricklin 855.5625
28 Davey Allison 466.950 461.3125
30 Michael Waltrip 466.300 853.8875
32 Jimmy Horton 462.7125
33 Harry Grant 468.775
40 Kenny Wallace 852.0375 852.4125 855.7375
854.2625 853.1625 851.6625
853.2625 851.0375
41 Phil Parsons 461.2125
42 Kyle Petty 852.0375 852.4125 855.7375
854.2625 853.1625 851.6625
853.2625 851.0375
44 Rick Wilson 852.1875 852.0875
45 Rick Bickle, Jr. 463.7375
49 ????? Smith 469.6375 469.6125
51 Jeff Purvis 468.325
52 Jimmy Means 467.925
55 Ted Musgrave 465.6875
68 Greg Sacks 467.000 464.025
71 Dave Marcis 467.5625
73 Phil Barkdoll 467.825 467.775
75 Dick Trickle 468.975
77 Mike Potter 464.425
82 Mark Stahl 461.825
83 Lake Speed 859.8125
89 Jim Sauter 464.9625
90 Bobby Hillin 467.1625
95 Ken Ragan 461.825
98 Derrike Cope 468.725 469.150
0 Delma Cowart 460.6875
03 Kerry Teague 468.8125

Officials, Radio, and TV Networks

NASCAR Ch. 1 464.500
NASCAR Ch. 2 464.775
NASCAR Ch. 3 464.900
NASCAR Ch. 6 463.850
NASCAR 467.800
NASCAR 468.325
NASCAR (timing&scoring) 463.650

MRN Radio 454.000
ESPN TV 450.250
ESPN TV 450.350
WTBS TV 455.5875
CBS TV 153.290

Winston Cup Scene 465.9625
Inside Winston Cup 463.2625
Capital Sports Radio 450.250
ABC Television 455.1125
TNN 450.5875
PRN (Charlotte) 450.850
Hoosier Tire Co. 464.9625
IROC 461.6625 641.0625

Well, in none of these frequencies are in use when you need them, there are clearly two places to use your search feature:

1) 460-470
2) 850-856

This should uncover just about anything you are looking for.

Robert Ford


```
_____________________________________________________________
| Kevin J. McNeill |internet: |
| Digital Equipment Corporation * |mcneill@salem.enet.dec.com |
| 9 Northeastern Blvd. NIO-1/1 F17 | |
| Salem, NH. USA 03079 |TEL: 603 894-2555 |
|-------------------------------------------------------------|
| *DISCLAIMER..... |
| My comments are my own and may not reflect those of Digital |
| Equipment Corporation. |
|_____________________________________________________________|
```

1274. Re: Monitoring Times

Newsgroup: rec.radio.scanner
Date: 1994-02-22 22:25:58 UTC
From: dseitel@crl.com
Message-ID: <2ke0pm$71e@crl.crl.com>
Source record: 276832

Bernhard Stepke (phybs@mizzou1.missouri.edu) wrote:
: I have read of several references to the magazine Monitoring Times. I have
: checked the local library & bookstore. No luck. Where can I get a subscription?

Monitoring Times
P.O. Box 98
300 S. Highway 64 West
Brasstown, NC 28902-0098

tel. 704-837-9200 fax 704-837-2216 (24 hrs.)

$19.95 per year. Comes monthly.

BBS 704-837-9200 (M-F 6:30 pm-8 am; 24 hrs on weekends)

David Eitelbach

--
"The whole aim of practical politics is to keep the populace alarmed
(and hence clamorous to be led to safety) by menacing it with an
endless series of hobgoblins, all of them imaginary."
-- H. L. Mencken

1275. Re: Modiications and Restoration for BC8500XLTT

Newsgroup: rec.radio.scanner
Date: 1994-02-22 23:46:15 UTC
From: philscott@delphi.com
Message-ID: <J0xK27f.philscott@delphi.com>
Source record: 276833

Jim Mallory <jm39s70@sycom.mi.org> writes:

>I have just received a Bearcat 8500XLT scanner. I would like to have a list
>of modifications and restorations available for this scanner. I do not have
>FTP access so if modifications can be sent t me via E-Mail or publicily I
>would appreciate it fully. Thanks in advance....

I'm sure not aware of any. I have had my 8500 for a few weeks and like it a
lot but don't believe there are any mods out for it.

1276. Help with old radio

Newsgroup: rec.radio.scanner
Date: 1994-02-23 00:41:00 UTC
From: jeff.lineberry@tomcat.com
Message-ID: <d9.909.491.0NE46304@tomcat.com>
Source record: 276834

I hope someone out there can help me with a small problem. I am trying

1277. New Pro-2006/Pro 2032 Question

Newsgroup: rec.radio.scanner
Date: 1994-02-23 00:49:40 UTC
From: ad178@FreeNet.Carleton.CA
Message-ID: <CLnJMs.2u7@freenet.carleton.ca>
Source record: 276835

Can anyone tell me if the new Pro-2006 and Pro-2032 are modifiable
to recieve cellular? I'm seriously considering buying another one
if so....any response will be greatly apreciated!

--
Life's to short to worry... :)

1278. BC100XLT Battery mod?

Newsgroup: rec.radio.scanner
Date: 1994-02-23 01:22:05 UTC
From: jwilkers@news.delphi.com
Message-ID: <2keb3t$fhi@news.delphi.com>
Source record: 276836

Does anyone have a way to disable the battery warning or get more life out of the battery pack for the BC100XLT? The 200 XLT diode bridge hack seems not to work on the 100.

Any Ideas?

Thanks.

-- John

1279. PRO-2006 computer interface add-on

Newsgroup: rec.radio.scanner
Date: 1994-02-23 02:34:04 UTC
From: sean@sdg.dra.com
Message-ID: <1994Feb22.203404.535@sdg.dra.com>
Source record: 276837

Any opinions on the different computer controller add-ons for the PRO-2006?

The two I've seen advertised are the Datametrics communications manager,
and the COMMtronics Engineering HB-232 scanner/computer interface.

Good.
Bad.
Forget the whole thing and buy a new scanner that includes a computer
interface :-).
--
Sean Donelan, Data Research Associates, Inc, St. Louis, MO
Domain: sean@dra.com, Voice: (Work) +1 314-432-1100

1280. Re: pro-43 cardiac arrest

Newsgroup: rec.radio.scanner
Date: 1994-02-23 04:15:25 UTC
From: dwt8413@ritvax.isc.rit.edu
Message-ID: <1994Feb23.041525.1395@ultb.isc.rit.edu>
Source record: 276838
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <ah301-220294130912@sy_j.pgh.wec.com>, ah301@yfn.ysu.edu (Jerry Sy) writes:
>yesterday as I was driving up the macdonalds driver thru, I turned on
>my pro-43 and was enabling/disabling banks to monitor the wireless mikes,
>all of a sudden, the scanner froze (no scanning), I turned it off and
>turned it back on again, nothing no display. I took the batteries out,
>put it back in again, still no display.
>
>so I did the reset, and everything was back to normal (everything except
>the 200 channels that I programmed). I was trying to recreate what
>I did but could not.
>
>has anybody here experienced this ? btw, I had the priority scan turned
>on when that happened.
>
>jerry

You'll find strange phenomenon such as this with just about anything bought at
Radio Shack. Generally RS sells other company's equipment after models have
been discontinued or replaced with better models.

--
Dana W. Tyler
Electrical Engineering |
Rochester Institute of Technology ---=o=---
DWT8413@vaxa.isc.rit.edu o/!\o

1281. Re: Do YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-02-23 04:59:49 UTC
From: copeland@metronet.com
Message-ID: <CLnv7p.1oo@metronet.com>
Source record: 276839
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Feb22.202313.19206@ultb.isc.rit.edu>,
Dana Tyler <dwt8413@ritvax.isc.rit.edu> wrote:
>In article <2kdieu$c0q@illuminati.io.com>, hoagy@illuminati.io.com (Sir Hoagy) writes:
>>In article <s+XatA7MBh107h@hudlink.hoboken.nj.us>,
>>When nothing else is on the scanner, I tune in. Hell, I even
>>listen to the McDonalds headset frequency when the scanner is
>>really inactive. Call it curiousity. I'm an amateur radio operator.
>>It's my nature!
>
>What is the McDonalds Freq??? I want a Big Mac, Large fries and an Apple Pie!!

Somewhere around 30mhz. Try scanning 25-40mhz.

1282. Re: pro-43 cardiac arrest

Newsgroup: rec.radio.scanner
Date: 1994-02-23 05:06:47 UTC
From: copeland@metronet.com
Message-ID: <CLnvJB.27x@metronet.com>
Source record: 276840
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <ah301-220294130912@sy_j.pgh.wec.com>,
Jerry Sy <ah301@yfn.ysu.edu> wrote:
>yesterday as I was driving up the macdonalds driver thru, I turned on
>my pro-43 and was enabling/disabling banks to monitor the wireless mikes,
>all of a sudden, the scanner froze (no scanning), I turned it off and
>turned it back on again, nothing no display. I took the batteries out,
>put it back in again, still no display.
>
>so I did the reset, and everything was back to normal (everything except
>the 200 channels that I programmed). I was trying to recreate what
>I did but could not.
>
>has anybody here experienced this ? btw, I had the priority scan turned
>on when that happened.
>

I would guess front end overload? Being so close to a transmitter
is not good for a scanner I believe.

1283. Re: PRO-43 cardiac arrest

Newsgroup: rec.radio.scanner
Date: 1994-02-23 09:00:57 UTC
From: mulligan@ACM.ORG
Message-ID: <2kf609$s58@hopper.acm.org>
Source record: 276841

ah301@yfn.ysu.edu (Jerry Sy) reported:
> ... was enabling/disabling banks ... the scanner froze (no scanning) ...

You've discovered a small but nasty bug in the PRO-43. Ordinarily you cannot lockout all channels in a bank, but in Programming mode this can happen. If the fully locked-out bank is the only one enabled for scan, the PRO-43 will seize up when you try to scan (or if you turn it off and back on again). The only cure is a complete reset ([clear] [0] and power on), which erases all programming.
To avoid this in the future, don't lock out the last channel while programming a bank, or make sure another bank is also enabled for scanning.

1284. Re: pro-43 cardiac arrest

Newsgroup: rec.radio.scanner
Date: 1994-02-23 12:40:50 UTC
From: mtiernan@world.std.com
Message-ID: <CLoGK2.AzL@world.std.com>
Source record: 276842
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Jerry Sy <ah301@yfn.ysu.edu> wrote:
> my pro-43 and was enabling/disabling banks to monitor the wireless mikes,
> [...]
> so I did the reset, and everything was back to normal

It sounds like you hit the infamous point of having locked out
all the channels on a bank. This is a no-no. It requires that
you reset the scanner to bring it back to life. I don't know
the exact symptoms but I do know you aren't supposed to do this.
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

1285. Re: Scanner laws online?

Newsgroup: rec.radio.scanner
Date: 1994-02-23 14:03:47 UTC
From: bkobb@newsignals.com
Message-ID: <netnewsCLoKEC.Los@netcom.com>
Source record: 276843
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Your best source on this is the Listener's Lawbook by the major guru of this area, Frank Terranella. The book is published by Grove Enterprises (Monitoring Times).

Bennett Kobb
New Signals Research
bkobb@newsignals.com

1286. Re: BC-450A mods?

Newsgroup: rec.radio.scanner
Date: 1994-02-23 14:34:21 UTC
From: phybs@mizzou1.missouri.edu
Message-ID: <phybs.8.000E92FC@mizzou1.missouri.edu>
Source record: 276869

In article <Daniel_Kessler-230294141141@poncho-slip12.cis.brown.edu>
Daniel_Kessler@brown.edu (Dan Kessler) writes:

>Is there a mod to enable the Uniden BC-450A 800 band? The 450A is button
>for button exactly the same as a more expensive model with the 800 band.

Is this really a 450A ? I had a 350A (mobile & preprogrammed) that
was comparable with the 700A with the exception of the 800 band. I wondered
about the same thing...I ended up returning it and coughing up a few
more bucks for the 700A, and then unblocking it.

1287. Re: Scanner for airlines

Newsgroup: rec.radio.scanner
Date: 1994-02-23 15:17:42 UTC
From: dtiller@cscsun.rmc.edu
Message-ID: <CLontI.Eq0@cscsun.rmc.edu>
Source record: 276844

Matthew B Cravit (cravitma@cps.msu.edu) wrote:
: On Thu, 17 Feb 1994 21:40:00 GMT, strange alien beings caused Dave Bushong
(dbushong@wang.com) to write:
: > jeff@overbor.greenlee.com (Jeff) writes:

: > >Re: Master list of airlines and their policy regarding use of scanne

: > >American allowed me to use my VHF/UHF tracseiver on board.

: > It appears that you were in violation of 97.11(c) of the FCC rules and
: > regulations.

: Not if he had permission from the pilot. According to FCC Part 97, the
: only requirements that an amateur transmitter on board an aircraft
: have are :

: 1. The antenna and transmitter must be installed separately
: and independantly of the plane's other systems
: 2. You must have approval of the pilot in command.

You forgot the most important ones - the plane must be operating under
VFR - commercial flights like the one described above ALMOST NEVER ARE!!
Please - let's not start this up again. According to FCC and FAA rules,
the pilot cannot allow you to operate on an IFR flight. A plane operating
under VFR may.
--
David Tiller | Network Administrator | Voice: (804) 752-3710 |
dtiller@rmc.edu | Randolph-Macon College| Fax: (804) 752-7231 |
"Drunk, [Beowulf] slew | P.O. Box 5005 | ICBM: 37d 42' 43.75" N |
no hearth companions." | Ashland, Va 23005 | 77d 31' 32.19" W |

1288. Re: "Fireground"

Newsgroup: rec.radio.scanner
Date: 1994-02-23 15:20:23 UTC
From: ah595@cleveland.Freenet.Edu
Message-ID: <2kfs7n$qlt@usenet.INS.CWRU.Edu>
Source record: 276845

In a previous article, plaws@comp.uark.edu (Peter Laws) says:

>> I goofed and posted this to the shortwave group yesterday.
>> Since nobody answered, I don't feel so bad about reposting
>> it here.
>
>And they wondered why we split? :-)
>
>>
>> In Connecticut, fire companies are often assigned two
>> frequencies. One is "local operations," the other is
>> "fireground." I'm wondering about the use of 'fireground.'
>
>Fireground is where you'll hear the on-scene operations. Most smaller
>departments use simplex, but larger cities, such as Boston, have
>repeaterized fireground frequencies. Boston's FD command post vehicle
>even has it's own repeater for improved coverage at the scene.
>
>Be advised: voices you hear on the fireground channel are often muffled.
>Why? Ever try to talk through the facepiece of an air pak? :-)
>
>73,
>Peter Laws, N5UWY - V31WY
>Associate Editor - Arkansas,
>RCMA _Scanner Journal_,
>
>Peter Laws <plaws@comp.uark.edu> | "That's the President of the United States
>n5uwy@ka5bml.#nwar.ar.usa.noam | you're talking about, pinhead."-VP Al Gore
>
>

What's the average distance these signals carry? I'v never heard
them used.

Thanks,
Eric

1289. Pro 43 Charging System Question

Newsgroup: rec.radio.scanner
Date: 1994-02-23 15:58:04 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Feb23.155804.2055@alw.nih.gov>
Source record: 276846

Does anyone have any info on the Pro 43's charging system (above and beyond what the manual states)? The manual mentions that even a power supply rated for 300 mA max and 9V could damage either the radio or batteries. While this sounds like the usual disclaimer b.s., does anyone know the mechanism for damage against which they are guarding? Also, does the 43 have a trickle-charge system, or should I keep the power converter plugged into the "power" jack when the batteries are fully charged and only use the "charge" jack while charging?

Long live my '43 (and yours).

Regards,
Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

1290. Birdies-Pro43 Diodes-QUESTIONS

Newsgroup: rec.radio.scanner
Date: 1994-02-23 16:27:10 UTC
From: bbb@kuhub.cc.ukans.edu
Message-ID: <1994Feb23.102710.59309@kuhub.cc.ukans.edu>
Source record: 276847

A couple of questions. As a newbie, I'm curious about these
'Birdies' frequencies. My Pro-43 lists all kinds of these
frequencies as possible 'problem-spots' and sure enough they are.
Are these freqs a result of the particular IF/Synth freqs used by
this radio, or some set of magic frequencies that everyone,
no matter what radio will have problems with.

The second question concerns the Pro-43 diodes D1-D5.
I know that D4 w/diode locks out the cell band, and D3 with a diode
opens up 55-88. So what do D1, D2 and D5 do? D1 and D2 have a diode
(I think) and D5 doesn't Does anyone know what happens if these
are removed/added as the case may be?

Thanks
BB

E-Mail Welcomed.

1291. Stockpiling radios

Newsgroup: rec.radio.scanner
Date: 1994-02-23 16:46:36 UTC
From: rouse@mayo.edu
Message-ID: <2kfrac$n8d@fermat.mayo.edu>
Source record: 276848

Does anyone know to what extent scanner dealers are importing and stocking up on radios that will be illeagal to import or manufacture after April 94? Any idea of how high prices will go after April 94? Any idea how hard it will be to modify these radios?

1292. Re: pro-43 cardiac arrest

Newsgroup: rec.radio.scanner
Date: 1994-02-23 18:17:25 UTC
From: paulb@harley.tti.com
Message-ID: <1994Feb23.181725.11399@ttinews.tti.com>
Source record: 276849
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <CLoGK2.AzL@world.std.com> mtiernan@world.std.com (Michael C Tiernan) writes:
+Jerry Sy <ah301@yfn.ysu.edu> wrote:
+ > my pro-43 and was enabling/disabling banks to monitor the wireless mikes,
+ > [...]
+ > so I did the reset, and everything was back to normal
+
+ It sounds like you hit the infamous point of having locked out
+ all the channels on a bank. This is a no-no. It requires that
+ you reset the scanner to bring it back to life. I don't know
+ the exact symptoms but I do know you aren't supposed to do this.

Aha! Same thing happened to me. I noticed that when I locked out ch 143,
the scanner would freeze and only a reset would bring it to life. I
didn't realize it until you said it, but it was the last channel on that
bank.

Every two hours another American child dies from a gunshot wound
----
Paul Blumstein, paulb@harley.tti.com, DoD #36, ABATE, AMA, HOG, BWA #1
Transaction Technology, Inc., Santa Monica, CA

1293. Re: pro-43 cardiac arrest

Newsgroup: rec.radio.scanner
Date: 1994-02-23 18:26:18 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Feb23.182618.6430@rsg1.er.usgs.gov>
Source record: 276850
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <1994Feb23.041525.1395@ultb.isc.rit.edu>, dwt8413@ritvax.isc.rit.edu (Dana Tyler) writes:
|> In article <ah301-220294130912@sy_j.pgh.wec.com>, ah301@yfn.ysu.edu (Jerry Sy) writes:
|> >yesterday as I was driving up the macdonalds driver thru, I turned on
|> >my pro-43 and was enabling/disabling banks to monitor the wireless mikes,
|> >all of a sudden, the scanner froze (no scanning), I turned it off and
|> >turned it back on again, nothing no display. I took the batteries out,
|> >put it back in again, still no display.
|> >
|> >so I did the reset, and everything was back to normal (everything except
|> >the 200 channels that I programmed). I was trying to recreate what
|> >I did but could not.
|> >
|> >has anybody here experienced this ? btw, I had the priority scan turned
|> >on when that happened.
|> >
|> >jerry
|>
|> You'll find strange phenomenon such as this with just about anything bought at
|> Radio Shack. Generally RS sells other company's equipment after models have
|> been discontinued or replaced with better models.

Not in the case of the PRO-43 - GRE does not market scanners. The problem may have to do with a glitch in the PRO43 microcode which under the right conditions, allows you to lock out all channels. When this happens, all you can do is reset.

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

1294. Re: pro-43 cardiac arrest

Newsgroup: rec.radio.scanner
Date: 1994-02-23 18:31:01 UTC
From: vanderby@mprgate.mpr.ca
Message-ID: <1994Feb23.183101.15468@mprgate.mpr.ca>
Source record: 276851
Cross-posted to: rec.radio.scanner,alt.radio.scanner

dwt8413@ritvax.isc.rit.edu (Dana Tyler) writes:
>You'll find strange phenomenon such as this with just about anything bought at
>Radio Shack. Generally RS sells other company's equipment after models have
>been discontinued or replaced with better models.

Radio Shack should sue you for spreading this crap.

This individual obviously does not know what he is talking about,
ignore his misinformation.

1295. Re: pro-43 cardiac arrest

Newsgroup: rec.radio.scanner
Date: 1994-02-23 18:33:06 UTC
From: jparkyn@kilroy.jpl.nasa.gov
Message-ID: <2kg7h2$n49@elroy.jpl.nasa.gov>
Source record: 276852
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <1994Feb23.041525.1395@ultb.isc.rit.edu>,
Dana Tyler <dwt8413@ritvax.isc.rit.edu> wrote:

>You'll find strange phenomenon such as this with just about anything bought at
>Radio Shack. Generally RS sells other company's equipment after models have
>been discontinued or replaced with better models.
>
>--
>Dana W. Tyler
>Electrical Engineering |
>Rochester Institute of Technology ---=o=---
>DWT8413@vaxa.isc.rit.edu o/!\o
>

Dana, the Pro 43 and 2006 are designed from scratch exclusively for
Radio Shack and are amoung the best scanners there are. I worked for
R/S twenty years ago and I know they have only improved their scanners
tremendously. They now offer private labled Uniden scanners which are
NOT discontinued items, only relabled. You should investigate more
thoroughly before you repeat the usual "Ripoff Shack" slander one more time.

Yes, I know all of their products are not "stellar", but the top of
the line desk and handheld scanners are a wonderful exception.

Jim

1296. Re: Do YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-02-23 18:40:00 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2kg7u0$90v@slinky.cs.nyu.edu>
Source record: 276853
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <s+XatA7MBh107h@hudlink.hoboken.nj.us>, alberg@hudlink.hoboken.nj.us (Al Berg) writes:
|> If so, I'd like to hear from you!

Hi. My name is Steve and I... listen to cordless phones.

|> I am doing an article about cordless phones and scanner hobbyists who
|> listen in on them.

Been done. Check out Pop Com 1/94.

|> WHY you listen to cordless

When NOTHING else is interesting. And I mean I've gotta be bored.

|> WHO you listen to - do you listen randomly or target your listening?

Random, but I usually stop on anyone yelling. Used to target when I first got into it. I first stumbled across his baby monitor... thought the Feds bugged his house. C'mon, I was a kid!

|> Have you ever heard anything shocking or bizarre?

No. I don't live near shocking and bizarre people.

|> Have you heard sensitive information (ie people giving credit card #s,
|> travel plans, etc.)?

Travel plans yes. Heard one young lady whine about a particular length layover at a particular airport to the ticket person. Oh, the humanity.

|> Did you ever use any of the information you heard?

That'll be a negative.

|> Do you think that listening to cordless is unethical? If not, why is it
|> more ethical than tapping a land line?

Yes. You'll find a million radio people talk and talk about "radio waves coming into my house". I don't think it should be illegal, but there's a total loss of respect with this.

|> What kind of scanner do you use?

Pro34, Pro2025, Pro2005

|> Did you buy your scanner specifically to listen to calls or is this just
|> a sideline?

Sideline. Bought the 34 for more channels, the 2025 to mount to my dash (calls don't last too long on the road), and got the 2005 for triple conversion and increased sensitivity.. NYPD Shmoo gets smashed on by pagers in double conversion radios.

|> ALL NAMES WILL BE KEPT CONFIDENTIAL!!

Not if more people follow up publicly!

|> Please let me know if I can quote you (with a pseudonym).

Sure, if I get to choose the name :-).

|> Many thanks!

Ja velcome.

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

1297. Re: Modiications and Restoration for BC8500XLTT

Newsgroup: rec.radio.scanner
Date: 1994-02-23 18:40:27 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Feb23.184027.7376@rsg1.er.usgs.gov>
Source record: 276854

In article <J0xK27f.philscott@delphi.com>, philscott@delphi.com writes:
|> Jim Mallory <jm39s70@sycom.mi.org> writes:
|>
|> >I have just received a Bearcat 8500XLT scanner. I would like to have a list
|> >of modifications and restorations available for this scanner. I do not have
|> >FTP access so if modifications can be sent t me via E-Mail or publicily I
|> >would appreciate it fully. Thanks in advance....
|>
|> I'm sure not aware of any. I have had my 8500 for a few weeks and like it a
|> lot but don't believe there are any mods out for it.

The cellular is reportedly non-restorable (the gauntlet is thrown!!!)

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

1298. Re: Do YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-02-23 18:43:38 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2kg84q$90v@slinky.cs.nyu.edu>
Source record: 276855
Cross-posted to: alt.radio.scanner,rec.radio.scanner

|> Somewhere around 30mhz. Try scanning 25-40mhz.

35.02 and, I think, 154.600. If you've got a relatively deaf scanner, you better do it in the parking lot! I hear the one by my house a few seconds before I can see it until shortly before it disappears from my rear view mirror. It's fun to leave it in and see how many you hear from one place to another.

They're like rats in London.

--
Steven Jackson New York University
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jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

1299. Trade for 800Mhz Scanner

Newsgroup: rec.radio.scanner
Date: 1994-02-23 18:48:42 UTC
From: tucker@tyrell.net
Message-ID: <1994Feb23.184842.6145@tyrell.net>
Source record: 276856
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Am looking to trade computer hardware and or software for 800Mhz scanner.

Joseph...

--

Joseph Tucker	Internet -- tucker@tyrell.net
Tucker Information Systems	
7245 Belinder	CIS -- 75430,1032

1300. Re: To: rec.radio.scanner@dispatch.demon

Newsgroup: rec.radio.scanner
Date: 1994-02-23 18:55:33 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2kg8r5$90v@slinky.cs.nyu.edu>
Source record: 276857

|> My apologies if I don't undertand your type of news feed.

There are lots of subnets out there that receive news feeds. Not everyone is on a T1 or T3. I for one, also read NNTP at home via a FidoNet BBS. They move Internet email and NNTP news once a _day_. I read my mail with what is called an offline reader. The BBS keeps NNTP news .zipped and my Inet email in standard ascii. When I call with my 57.6 modem, I go to a special section for people like me. It unarchives the newsgroups that I have specified as wanting to read as well as my personal mail, bundles them all together in one file, .zips that up, and downloads it. Since it's ZMODEM, I don't even have to touch the keyboard to start the transfer! Then, a mail program on my PC knows what files to expect in this new .zip file and how to handle them. If I wasn't getting 2600cps throughput, or had to pay for the service or the call, I'd be pretty upset too.

I for one never respected FidoNet until recently. It's a keeper.
--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

1301. Re: "Fireground"

Newsgroup: rec.radio.scanner
Date: 1994-02-23 19:04:18 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2kg9bi$90v@slinky.cs.nyu.edu>
Source record: 276858

In article <2kamoh$jjq@jake.esu.edu>, yt7062@ARK.SHIP.EDU writes:
|>
|>
|> >In Connecticut, fire companies are often assigned two
|> >frequencies. One is "local operations," the other is
|> >"fireground." I'm wondering about the use of 'fireground.'
|>
|> All across the US, fireground channels are specific incident channels, used
|> so that the FD on the scene doesn;t get their traffic blocked by dispatches
|> on the main band. If you think about a battleground... Then you'll know why
|> they call it a fireground channel... Fighting fire is indeed a battle...

Most of the time, I find responding units give a "we're responding" call on
the dispatch frequency, followed shortly by "switching to 2". With NYFD,
I've often heard engines and tower ladders talking to each other on the
Fireground freqs as they pass my building well before they get to the scene.

I had a 14th floor apartment here in Manhattan over the summer, and when
scaffolding broke loose and was dangling by one rope off the 15th floor across
the street from me, you can rest assured, I wasn't going back to sleep until
I found the fireground freq!

--
Steven Jackson New York University
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jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

1302. BC-450A mods?

Newsgroup: rec.radio.scanner
Date: 1994-02-23 19:11:41 UTC
From: Daniel_Kessler@brown.edu
Message-ID: <Daniel_Kessler-230294141141@poncho-slip12.cis.brown.edu>
Source record: 276859

Is there a mod to enable the Uniden BC-450A 800 band? The 450A is button
for button exactly the same as a more expensive model with the 800 band.

1303. Re: scanners on airplanes?

Newsgroup: rec.radio.scanner
Date: 1994-02-23 19:17:07 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2kga3j$90v@slinky.cs.nyu.edu>
Source record: 276860

|> during take off regardless of what the flight
|> attendant told me.

I guess they never saw me when I had a bunch of people around me on a taxiway waiting for takeoff when a plane had to abort takeoff and evacuate the passengers because fuel was pouring out of one of the wings. That was good listening... and watching!

|> (no doubt
|> causing the plane to go into a flaming spin and hit the ground
|> full throttle doing Mach 3) :-|

My thoughts exactly. If they can't correct for a few degrees per hundred miles, then I'd rather fly with my friend who graduated Riddle Daytona two years ago. I don't see a 727 going into a graveyard spin.

|> I do the safe thing by asking first, when I board, if they will
|> let me listen to my scanner.

Haven't had a working portable since then to make it an issue.

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

1304. Re: "Fireground"

Newsgroup: rec.radio.scanner
Date: 1994-02-23 19:28:56 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2kgapo$90v@slinky.cs.nyu.edu>
Source record: 276861

```
|> larger cities, such as Boston, have
|> repeaterized fireground frequencies.

Ah, UseNet.. where we use vague qualifiers like sometimes and often..

NYFD is still simplex. Can you imagine how many repeaters would be needed
to cover thirty or more active fire scenes throughout the city! Now, fire
crews are handed radios that are part of a repeaterized system in specialized
places like the Jacob Javitz Convention Center and Grand Central Station.
Same goes for Subway fires. That's just for propogation purposes. The
signals rarely leave the fire scene.

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend
```

1305. Re: CHP freq's. ignore

Newsgroup: rec.radio.scanner
Date: 1994-02-23 19:54:28 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb23.145428.1@uoft02.utoledo.edu>
Source record: 276862
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> Here are the frequencies that I have so far in my area...
>
> === San Diego CHP ===
> Black Mtn. Base 75.640
> Black Mtn. Mobile 72.120
> SD Base 75.780
> SD Mobile 72.460
> [F1,F2,TAC] 154.905
> BLUE (Base) 42.340
> BLUE (Mobile) 42.180
> Air-Ground 45.020

Interesting that 45.020 is used for Air-Ground ops in Cali, Ohio often uses this freq (OSP channel F-3) among others.

Related to that, last summer (I think) I was scanning OSP channels in a rural area with a wimpy telescoping whip on a 2006. I was picking up strange traffic on the OSP channels coming in very strong. Eventually figured out they were coming from CHiPs in Southern Cal. Amazing clarity, considering the setup (inside a house) I had.

Later...

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1306. Re: pro-43 cardiac arrest

Newsgroup: rec.radio.scanner
Date: 1994-02-23 21:20:12 UTC
From: cjl1782@ritvax.isc.rit.edu
Message-ID: <1994Feb23.212012.23738@ultb.isc.rit.edu>
Source record: 276863
Cross-posted to: rec.radio.scanner,alt.radio.scanner

OK, this one is weird, i own a very old radio shack scanner, the model number i do not know. Now I also work for Ambulance crew and one day i had my scanner and radio on in my room and it was as if they shared a freq. Eveything the scanner picked up, was picked up on the portable and everything the portable picked up, was on the scanner, even if it was on a different channel. Any suggestions as to why this occurred>? I am at somewhat of a loss.

Christopher John Lehr	CJL1782@ritvax.isc.rit.edu
---Energizerbunny---	7164243143
Rochester Inst. of Tech	quote: The angle of the dangle is
Criminal Justice Dept.	directly proportional to the size
RSA/RIT Ambulance	that -Beavis

1307. Re: BC-450A mods?

Newsgroup: rec.radio.scanner
Date: 1994-02-23 21:21:33 UTC
From: Daniel_Kessler@brown.edu
Message-ID: <Daniel_Kessler-230294162134@poncho-slip8.cis.brown.edu>
Source record: 276864

In article <phybs.8.000E92FC@mizzou1.missouri.edu>,
phybs@mizzou1.missouri.edu (Bernhard Stepke) wrote:

> In article <Daniel_Kessler-230294141141@poncho-slip12.cis.brown.edu>
Daniel_Kessler@brown.edu (Dan Kessler) writes:
>
>
> >Is there a mod to enable the Uniden BC-450A 800 band? The 450A is button
> >for button exactly the same as a more expensive model with the 800 band.
>
> Is this really a 450A ? I had a 350A (mobile & preprogrammed) that
> was comparable with the 700A with the exception of the 800 band. I wondered
> about the same thing...I ended up returning it and coughing up a few
> more bucks for the 700A, and then unblocking it.

Sorry, I meant the 350A.

1308. Re: Do YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-02-23 21:55:20 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb23.165520.1@uoft02.utoledo.edu>
Source record: 276865
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> You know, I have a pro43 and am *quite* aware of how easy eavesdropping is,
> especially living in a college dorm. I also know that there are hams in the
> building who have scanners. But for some odd reason, I still use my good-ol
> AT&T 5200 unencrypted cordless. I guess that I just dont think that anyone
> would be interested in any of my conversations. Of course, when things get
> a little more serious, I go to the corded phone.. . There cant be _that_
> many people out there with scnners, can there???
>
> --jessE

This reminds of a friend who heard me listening to cordless phones. When she inquired how I did it, I explained how easy it was done, and how much reception range I have. She got kinda nervous, since she talks almost solely on a cordless phone, and asked if I could hear her calls. I was SO tempted to say that I probably could, but I was honest and said I couldn't (she lives to far away). Though driving to her neighborhood and listening might prove quite interesting..... *grin*

Later...

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1309. Re: pro-43 cardiac arrest

Newsgroup: rec.radio.scanner
Date: 1994-02-23 22:05:35 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb23.170535.1@uoft02.utoledo.edu>
Source record: 276866
Cross-posted to: rec.radio.scanner,alt.radio.scanner

To whoever wanted the McDonalds freqs here's all that I have (again!).

Yes, there are duplicates. I haven't totally sorted them out yet.

Informatia (treisk@CSOS.ORST.EDU) wrote:
: I've heard that there are frequency listings out there for the freq's that
: McDonalds uses for their drive-thru headsets. Does anyone know where I could
: find one of these lists? Thanks...

: --
: -=-
: Ken Treis: Thekid, Informatia, viol8r treisk@csos.orst.edu
: -=-

Here are a few, your milage may vary.

McDonalds:
31.0000 35.0200 151.7150 151.7750 154.5700
154.6000 169.4450 170.2450 171.3050 171.1050
171.9050 464.0125 464.1125 464.1375 464.1625
464.1875 464.3125 464.3375 464.3875 467.0125
469.1125 469.1375 469.1625 469.1875 469.3125
469.3375 469.3875

Taco Bell:
33.1600 457.5375 461.0875 464.3875 466.0375
469.9625 154.5150 461.0375 461.5375 464.9625
466.5375 468.3875

KFC:
460.8875 465.8875
--

Subject: Re: Drive-thru Freqs??
From: mcneill@salem.enet.dec.com (salem::mcneill)
Date: Mon, 2 Aug 1993 05:19:49 GMT

List of Fast Food Drive-Thru Frequencies.

Company Customer Freq Clerk Freq
------- ------------ ----------
Arby's 30.84 MHz 154.57 MHz
Bess Eaton Donut 457.5375 467.7625
Burger King 31.0 170.305
457.55 467.775
457.5625 467.7875

457.575 467.8
457.6 467.825
460.8875 465.8875
El Poco Loco 457.55 --none--
Hardee's 30.84 154.57
31.0 170.305
461.1125 466.1125
Kentucky Fried Chicken 30.84 154.57
31.0 170.305
457.5875 467.8125
460.8875 465.8875
462.7625 467.8875
McDonalds 30.84 154.58
31.0 170.305
33.14 151.895
33.14 170.305
33.4 154.57
35.02 154.49
35.02 154.6
154.57 170.245
154.6 171.105
457.55 467.775
461.0375 466.0375
463.2875 468.2875
464.5125 469.5125
Roy Rogers 457.5375 467.7625
Taco Bell 30.84 154.57
460.8875 465.8875
Wendy's 49.83 49.89
457.6125 467.8375
460.8875 465.8875
461.8125 466.8125
464.5125 469.5125
White Castle 461.8125 466.8125

*end of list 1

OUT IN

123.0 Arby's
30.840 154.570 Arby's
457.550 Arby's
88.5 123.0 Taco Bell
30.840 154.570 Taco Bell
100.0 Whataburger
30.840 154.570 Whataburger
107.2 Whataburger
457.525 467.825 Whataburger
457.6125 467.750 Whataburger
100.0 Hot Dogs Etc.
30.840 154.570 Hot Dogs Etc.

31.0 151.895 Hot Dogs Etc.
33.140 170.305 Hot Dogs Etc.
107.2 141.3 McDonald's
35.02 154.600 McDonald's
35.06 154.570 McDonald's
154.570 170.245 McDonals's
154.6 171.105 McDonald's
170.245 McDonald's
457.550 467.775 Burger King
457.5625 467.7875 Burger King
114.8 107.2 Carl Jr's
457.550 467.775 Carl Jr's
30.84 KFC
156.7 KFC
457.5875 467.8125 KFC
462.7625 ?
464.9625 Taco Bell
461.5375 Long Silver John Silver

From: parnass@cbnewse.cb.att.com (Bob Parnass, AJ9S)
Summary: fast food frequencies for Illinois

From FCC records, fast food frequencies in Illinois include:

30.8400, 33.1400, 33.1600, 33.4000, 35.0200, 43.0000, 151.5200,
151.5350, 151.7150, 151.8950, 152.9150, 153.0050, 154.5150,
154.5400, 154.5700, 154.6000, 169.4450, 170.2450, 171.1050,
171.9050, 457.1250, 457.5375, 457.5500, 457.5625, 460.8875,
461.0875, 461.4500, 461.5375, 462.0500, 463.0000, 463.0250,
463.0500, 463.0750, 463.1000, 463.1250, 463.1500, 463.1750,
463.5000, 463.6750, 464.5000, 464.5125, 464.5875, 464.6250,
464.9625, 465.8875, 466.0875, 466.1750, 466.5375, 466.8875,
467.0500, 467.7750, 467.7875, 467.8125, 468.0000, 468.0250,
468.0500, 468.0750, 468.1000, 468.1250, 468.1500, 468.1750,
468.3875, 468.5000, 468.6750, 469.5125, 469.6250, 469.7125,
469.9375, 469.9625, 471.1625, 472.6875, 474.1625, 475.6875,
476.3125, 476.3375, and 476.3625 MHz.
--
==========
Bob Parnass, AJ9S - AT&T Bell Labs - parnass@ihlpm.att.com - (708)979-5414

There's what I have!

73s

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)

* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1310. Re: PRO-43 cardiac arrest

Newsgroup: rec.radio.scanner
Date: 1994-02-23 22:09:28 UTC
From: ah301@yfn.ysu.edu
Message-ID: <ah301-230294170928@129.228.248.39>
Source record: 276867

In article <2kf609$s58@hopper.acm.org>, mulligan@ACM.ORG (F. Barry Mulligan) wrote:

> ah301@yfn.ysu.edu (Jerry Sy) reported:
> > ... was enabling/disabling banks ... the scanner froze (no scanning) ...
>
> You've discovered a small but nasty bug in the PRO-43. Ordinarily you
> cannot lockout all channels in a bank, but in Programming mode this can
> happen. If the fully locked-out bank is the only one enabled for scan, the
> PRO-43 will seize up when you try to scan (or if you turn it off and back on
> again). The only cure is a complete reset ([clear] [0] and power on), which
> erases all programming.
> To avoid this in the future, don't lock out the last channel while
> programming a bank, or make sure another bank is also enabled for scanning.

I am fully aware of the above bug.

I think I mentioned in my original post that I was enabling and disabling banks, NOT locking out INDIVIDUAL CHANNELS. I did not have any channels locked out.

any other ideas ?

1311. Help with Uniden Bearcat BC100XLT

Newsgroup: rec.radio.scanner
Date: 1994-02-23 22:22:12 UTC
From: ala@austin.ibm.com
Message-ID: <CLp7H1.3GGr@austin.ibm.com>
Source record: 276868
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I've just bought a used Uniden Bearcat BC100XLT. Yeah, yeah, flames aside. This is just an extra that I needed. I don't have any documentation can someone post or email me what freqs. this thing is capable of receiving AND any mods for it?

Many thanks in advance-
Al

Please respond (if possible) via e-mail to the address in my .sig!

****
Al Aguirre (internal mail) ala@d11help.austin.ibm.com
(external mail) ala%d11help.austin.ibm.com@ibmpa.awdpa.ibm.com
OR
ala%d11express.austin.ibm.com@ibmpa.awdpa.ibm.com
"Because information wants to be free!" Bruce Sterling@HoHoCon Austin Dec'93
DISCLAIMER: I SPEAK ONLY FOR MYSELF, THE ABOVE POST IS NOT REFFLECTIVE OF IBM.
****

1312. Pocket Freq List

Newsgroup: rec.radio.scanner
Date: 1994-02-23 22:49:55 UTC
From: kronz@periphae.ecn.purdue.edu
Message-ID: <CLp8r7.917@noose.ecn.purdue.edu>
Source record: 276870

hey everyone,

I just got my MVT-7100 thanks to everyone that put me in that
direction it is so much better than the AOR-1500..

Anyways, The reason why Im posting this is that I have an Idea. WOW

I want to make a small book (probably in PS format) to post here particularly
for the owners of scanners like MVT-7100, AOR-1500, Icom-R1.

I want to put all kinds of freq info into it:
heres what I have so far:

1. General band info 100khz 1.4giga
2. Cell phone freqs (does anyone know the freqs for the 842ch system?)
3. Cordless Phone freqs (and the new channels)
4. general fastfood scanning ie 28-36 Mhz 154-157, 460's

I would like to put a brief list of shortwave freqs as well

Is there anything else anyone would want???

Please email any freq that you would like to see in there
Please NO area specific Freqs just general info...

By the way I plan to make 6 or 8 book pages on one 8-1/2 x 11
to give you an Idea of the size... Pocket.

Any Ideas would be appreciated I hope to have Version 1.0 done by next week.

--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }

1313. Re: Pro-2006 va. AR2500 vs. ?

Newsgroup: rec.radio.scanner
Date: 1994-02-23 23:14:03 UTC
From: Scott.Fabbri@launchpad.unc.edu
Message-ID: <2kgnvr$j4q@samba.oit.unc.edu>
Source record: 276871
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Hello again,

Thanks to all of you who gave me info on the 2006 and the AR2500, both in posts and by email. I bought a 2006, and it's great. Maybe my next scanner will be one with computer control. . . :^P

Scott
--
The opinions expressed are not necessarily those of the University of North Carolina at Chapel Hill, the Campus Office for Information technology, or the Experimental Bulletin Board Service.
internet: laUNChpad.unc.edu or 152.2.22.80

1314. Re: pro-43 cardiac arrest

Newsgroup: rec.radio.scanner
Date: 1994-02-23 23:18:11 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2kgo7j$22s@bigfoot.wustl.edu>
Source record: 276872
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Dana Tyler (dwt8413@ritvax.isc.rit.edu) wrote:

: You'll find strange phenomenon such as this with just about anything bought at
: Radio Shack. Generally RS sells other company's equipment after models have
: been discontinued or replaced with better models.

Are you meaning this as flame bait? Granted, many of RS's products are
overpriced, underfeatured, and the like, but do you think so many people
would be buying their scanners if this were the case here? I personally
have recently found that RS *is* overpriced and the like, but their
scanners are among the best to be found, especially at the 300-400 dollar
price range. Look around this newsgroup, you'll see many happy customers.

--jesse

1315. Re: Birdies-Pro43 Diodes-QUESTIONS

Newsgroup: rec.radio.scanner
Date: 1994-02-23 23:21:26 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2kgodm$22s@bigfoot.wustl.edu>
Source record: 276873

bbb@kuhub.cc.ukans.edu wrote:
: The second question concerns the Pro-43 diodes D1-D5.
: I know that D4 w/diode locks out the cell band, and D3 with a diode
: opens up 55-88. So what do D1, D2 and D5 do? D1 and D2 have a diode
: (I think) and D5 doesn't Does anyone know what happens if these
: are removed/added as the case may be?

I believe D5 changes cellular stepping to 12.5 KHz vs. 30, D1 enables
keyboard lock, and D2 enables 30-50 MHz scanning. I recall this from
a past post, so thanks to whoever it was who originally posted.

1316. San Francisco Bay Area Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-02-23 23:27:05 UTC
From: salvini@wdl.loral.com
Message-ID: <1994Feb23.232705.12315@wdl.loral.com>
Source record: 276874

So I just got this Radio Shack Pro-57 Scanner from a guy, and I'd like to get the freqs for the San Francisco Bay Area in the area codes: 707, 415, 510, 408.

This would be stuff like fire, law enforcement, trains, aircraft, ambulance, and any other good stuff?

Thanks in advance.

```
+=====================================================================+
| salvini@wdl.loral.com (KB6VMQ) | Happily married to Kathy -+-|
| Loral doesn't have a single | Jonathan - August 8, 1989 | |
| thing to do with my opinions. | Jeremy - August 8, 1993 | |
| They're mine! All mine! |ONE HAPPY DADDY! :-) Not A Typo |
+---------------------------------+---------------------------------+
| signature virus 2.1c - Copy me into your .sig if you love Jesus! |
+=====================================================================+
```

1317. Re: Stockpiling radios

Newsgroup: rec.radio.scanner
Date: 1994-02-23 23:38:32 UTC
From: copeland@metronet.com
Message-ID: <CLpB09.2pL@metronet.com>
Source record: 276775

In article <2kfrac$n8d@fermat.mayo.edu>, <rouse@mayo.edu> wrote:

> Does anyone know to what extent scanner dealers are importing and
> stocking up on radios that will be illeagal to import or manufacture
> after April 94?

I'd bet Radio Shack is. They did when the old TRS-80 model I was
outlawed due to excessive emissions.

> Any idea of how high prices will go after April 94?

As high as the market will bear. I'd guess 150%, if you can find them.

> Any idea how hard it will be to modify these radios?

They will probably use the same chip set, but do the strapping internal
to the chip. You may be able to purchase an chip strapped for overseas
market that will pickup cellular, but other things won't be right.

1318. Cellular Ripoff (Re:call forwarding)

Newsgroup: rec.radio.scanner
Date: 1994-02-23 23:40:48 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2kgpi0$b0m@cronkite.ocis.temple.edu>
Source record: 276776

I saw some articles posted here awhile ago about call forwarding
on a cellular phone. At least I think I saw them here.

Wonderful idea, right? I call the company on my car phone, *611
which is free here in philadelphia. And they tell me that call
forwarding is free. Everyone has it and it comes with no extra charge.
Cool! I have a car phone number that will forward my fone calls

Now, my home phone to my car phone is a local call. My car phone
to my Girlfriends house is a local call. My Home fone to my Girlfriends
house is NOT covered under my local calling plan. (Unlimited Local/Metro-
politan Calling) So, I forward my car phone to her house and then call
my car phone.
Little do I know but I get my car phone bill.

(A Lawsuit is in order) My carphone bill was charged 39cents per minute
for every minute that a forwarded call was picked up. Now How can this be?
I am getting charged airtime when there is no "air" being used!
I'm REally REALLLY Irate about the whole thing. Needless to say that I
talked over 3 hours one night. My carphone bill looks like the national
debt.
I called them back up and told them my problem. If I learned one thing
from my mother. (hate to say these things, but she was right) I was nice.
I didn't yell, curse,scream or anything and they kindly removed the charges
for the forwarded calls. Now, would someone please explain to me
why a cellular company has to charge airtime on a forwarded call when
there is absolutely no air being used?
They tried to give me the crap about the call is being routed through
the cellular system, but I don't believe that. The call is being routed
from MA Bell to them, to which the call is then forwarded to it's destination
by MA BELL. Why dosen't Ma bell charge 36 cents a minute for a forwarded
call?

By the way, I'm specifically not mentioning the carrier in the
letter. If someone wants to know the carrier, then I will tell them
specifically.

Moral: Don't believe anything someone tells you that sends you a bill
for 30 days later.
#2 - being nice saved me from a hunk of trouble. Thanks mom!

questions? comments? I would like to hear from you!
Thanks..

FOO
[sig deleted - We don't allow free speech here]

1319. Re: Pro37 opinions wanted

Newsgroup: rec.radio.scanner
Date: 1994-02-24 00:05:18 UTC
From: chris@tali.hsc.colorado.edu
Message-ID: <2kgqvuINNn94@tali.hsc.colorado.edu>
Source record: 276777
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <CLGBq1.GtE@ecf.toronto.edu>,
SIT ANDREW <sita@ecf.toronto.edu> wrote:
-*> I'm looking for opinions on the Pro37 scanner. The frequency
-*>coverage seems similar to the Pro43 except in the ranges of 220-512Mhz.
-*>Is this a significant drawback? What would I be missing? How does the
-*>sensitivity compare between the Pro37 and the 43?. The sound quality?
-*>
I have both and there is a considerable difference in the two
scanners. The Pro-37 is larger and heavier, has an easier to read display,
and has the scan and manual buttons conveniently located on the top if the
scanner.
The pro-43 is smaller lighter, and easier to conceal than the 37, the
display is harder to read. No buttons on top, is selectable am/fm mode, is
less prone to intermod (with some exceptions) is more sensitive, and
performs a lot better on the 800 Mhz police bands (the 37 has cell images
in the middle of all the good PS trunked bands)

Both are pretty easy to modify for uninteruppted 800 Mhz coverage. Any
other questions?
--
Chris Yoder is chris@tali.hsc.colorado or chris-urgent@tali.hsc.colorado.edu
==
Are we living in a land where sex and horror are the new gods?

1320. Re: Stockpiling radios

Newsgroup: rec.radio.scanner
Date: 1994-02-24 00:47:43 UTC
From: vanderby@mprgate.mpr.ca
Message-ID: <1994Feb24.004743.5176@mprgate.mpr.ca>
Source record: 276778

copeland@metronet.com (Charles Copeland) writes:
>They will probably use the same chip set, but do the strapping internal
>to the chip. You may be able to purchase an chip strapped for overseas
>market that will pickup cellular, but other things won't be right.

What they will have to do is change the program so that is no longer
checks to see whether X is present, it just locks out cellular always.

The only way to mod these type of scanners will be to change the ROM.
It will simply be easier to use a block converter (or known images).

1321. BC100 Antenna Mod

Newsgroup: rec.radio.scanner
Date: 1994-02-24 01:44:25 UTC
From: guillory@blkbox.COM
Message-ID: <2kh0pp$7uu@blkbox.blkbox.COM>
Source record: 276779

Does anyone have information on a modification to a Bearcat 100 with the screw in antenna? I wish to modify the scanner so than I can use an external antenna.

I remember a kit that was available in the past. Does anyone have an address?

George Guillory
guillory@blkbox.com
:wq

1322. Scanning the Air Shows with Pro-46

Newsgroup: rec.radio.scanner
Date: 1994-02-24 03:08:09 UTC
From: mhardy@btree.brooktree.com
Message-ID: <1994Feb24.030809.3504@btree.brooktree.com>
Source record: 276780

I saw an ad in Monitoring Times for a Military Aircraft Scanverter.
This device converts the signal from 225-400MHz down to 118-136 MHz.

My question is, Is this device worth $89.95. Can I receive anything with
my RS Pro-46 without the Scanverter?

Is there anything worth listening to at the Airshows.

Any info for a New scanner Enthusiast is a Appreciated.

****

Signature, I don't need no stinkin signature.
mhardy@brooktree.com
****

1323. Computer interface for Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-02-24 03:14:21 UTC
From: mhardy@btree.brooktree.com
Message-ID: <1994Feb24.031421.4065@btree.brooktree.com>
Source record: 276781

I just purchased a Pro-2006 and I am now looking for any information on the different Computer interfaces and software for my new toy. Is there a FAQ or FTP site for this information? Is this type of device worth the $$$? Can a do it yourself, Damned if it is pretty type of person install this or not. Private email or a general post is fine.

mhardy@brooktree.com

1324. latest RS scanners permanently blocked?

Newsgroup: rec.radio.scanner
Date: 1994-02-24 04:56:24 UTC
From: larry@cs.com
Message-ID: <1994Feb24.045624.2973@cs.com>
Source record: 276782
Cross-posted to: alt.radio.scanner,rec.radio.scanner

What's up with the Radio Shack PRO-46 scanner? It doesn't have the govt air freqs that the PRO-43 has, but goes up to 1126 Mhz, as compared to 1000 on the PRO-43 (BTW, what is scannable in 1000-1126 MHz?). But at least one ad (EEB) has the 43 marked as "cellular restorable" while the 46 has no such indication. A couple of people have said things to the effect of "if it covers the 800-900 Mhz range, it's probably restorable," but I wonder if, since it's a fairly new model, perhaps RS has done something to make it impossible to unblock the cellular freqs on their latest models (e.g, the PRO-46, 2027, 2030, and 2032)? The 46 lists at $120 less than the 43 ($70 less with the 43 on sale at $300), but if the blocking can't be removed... %(

--
Larry Spence
larry@csccat.cs.com
netcom.com!cs.com!larry

1325. Freqs for Austin, TX

Newsgroup: rec.radio.scanner
Date: 1994-02-24 04:59:47 UTC
From: mpretzel@bga.com
Message-ID: <2khc83$ca6@vern.bga.com>
Source record: 276783

I just picked up a RS Pro 43 scanner and I am looking for a list
of interesting frequencies for the Austin area.

Additionally, I would like to know if it is legal to carry hand scanners
in the car in the state of Texas.

Thanks,

Ben
mpretzel@bga.com

1326. Re: Do YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-02-24 05:14:25 UTC
From: hoagy@illuminati.io.com
Message-ID: <2khd3h$hem@illuminati.io.com>
Source record: 276784
Cross-posted to: alt.radio.scanner,rec.radio.scanner

>>>
>>When nothing else is on the scanner, I tune in. Hell, I even
>>listen to the McDonalds headset frequency when the scanner is
>>really inactive. Call it curiousity. I'm an amateur radio operator.
>>It's my nature!
>
>
>What is the McDonalds Freq??? I want a Big Mac, Large fries and an Apple Pie!!
>
snicker Mine is 154.565

This is also the 'private' line for them. They have two buttons.
One which goes from headset to speaker outside, one which goes
from unit to unit. The unit to unit is the 'private' mode.
I've heard the workers bs'ing, but nothing lewd or obnoxious so far.
I really wanna wait for them to swear or say something god-awful
make-your-mother-die-if-she's-not-already type thingy.
Then call anonymously and reprimand the manager for allowing
such foul language to be used on the headsets
(All of course while NOT explaining how I heard this in the first place)

--
.....
Matt Rupert Bodyguards - Personal Liason Taurus Executive Protetion
2984 Pheasant Run Drive apt D Jackson MI 49202 (517) 782-1438 24hrs a day
"This is UNIX...I know this!" Jurassic Park

1327. Re: Pro 43 Charging System Question

Newsgroup: rec.radio.scanner
Date: 1994-02-24 06:02:03 UTC
From: mulligan@ACM.ORG
Message-ID: <2khfsr$50s@hopper.acm.org>
Source record: 276785

The PRO-43's internal charging circuit consists of a 22 ohm resistor, two filter coils and a forward biased diode. Combine this with about 30 ohms internal resistance in the supplied power cube and you get a max of perhaps 180 mA of charging current into a dead short. Any well-regulated supply with 9v o/p and at least 300 mA capacity should work (note the center conductor is negative).
My non-scientific test with a set of 600 mAh NiCads, discharged to 0.9v per cell, showed an initial charge current of ~90 mA, dropping to 55 mA in the first few minutes. From then on the current gradually decreased to 30 mA after 14 hrs, where the batteries showed an unloaded voltage of 1.25v. You could leave them on charge at this rate (.05C) for the rest of a day, but it probably be a good idea to pull the plug after they're charged.

/* barry /&

1328. Re: Re-post FCC Database

Newsgroup: rec.radio.scanner
Date: 1994-02-24 06:22:26 UTC
From: mulligan@ACM.ORG
Message-ID: <2khh32$54m@hopper.acm.org>
Source record: 276786
Cross-posted to: rec.radio.scanner,alt.radio.scanner

amc@cup.portal.com (Alan - Crawley) asked:
> Please re-post FCC database info. Whats in it, how to get it etc.

Superintendent of Documents orders (202) 783-3238
U.S. Government Printing Office
Washington, DC 20402.
The FCC rules and regulations are available as Title 47 of the Code of Federal Regulations (47 CFR). The five volumes cost from $12 to $20 each and are revised annually. Volume 1 (Parts 0 to 19) includes the 90-page Table of Frequency Allocations. Volume 5 (Parts 80 to End) covers the various mobile services. The GPO operates bookstores in major cities. {--- --}

U.S. Department of Commerce orders (703) 487-4600
National Technical Information Service rush (800) 553-NTIS
5285 Port Royal Road Fax (703) 321-8547
Springfield, VA 22161
Supplies the Master Frequency File, subsets and indexes, on microfiche and 9-track magnetic tape. The State Index microfiche is ~$55 and includes frequency, name, city, state, call sign and service code. All the mag tape files cost more than $1000. NTIS has catalog extracts available describing the various FCC files, formats and prices (ask for PR-718-2 and PR-781-1). {Oct 93}

ITS - International Transcription Service (202) 857-3800.
1919 M Street, room 246
Washington, DC. 20554
Government copy contractor providing online access to FCC Data. V.32/V.42bis, 9600 baud @ $100/hr, 2400 @ $50/hr. SQL Access is also available online. Searches can be performed and data downloaded in batch via Kermit. Custom Searches are availble with results on disk, tape, or paper; cost varies by search ($1000.00++)
[Feedback: not for the hobbyist!] {Oct 93}

Grove Enterprises, Inc orders (800) 438-8155
P.O. Box 98 office (704) 837-9200
Brasstown, NC 28902-0098
Offers the index to the Master file for individual states. File comes on HD floppy disk and is dBase compatible. Access program and one state is $39.95 (49.95 for CA, TX or FL) + 3.00 s/h. Updates are $29.95. A nationwide file included with each state order. Also offers a national railroad file for $29.95.
Fields are - freq., name, city, county, state, latitude & longitude, call sign and service code.

[Feedback: established vendor, offering the index files since '91,
updated yearly. Many satisified users.] {Oct 93}

PerCon Corporation (716) 386-6015
CD Applications Division Fax (716) 386-6013
4906 Maple Springs / Ellery Road
Bemus Point, NY 14712
Offers "a full line of FCC related databases" on CDROM and floppy disk.
Available are various subsets by service, state, etc. Formats are ASCII
and dBase compatible (access program provided with the CD-ROM version).
A single state CD-ROM (all frequencies) is currently $99.95.
Fields are - frequency, service code, type code, call sign
licensee: name, mailing address, city, state, zip, expiration date
number of mobiles: vehicle, portable, aircraft, marine, pager
transmitter: lat. & long., city, county, state, elevation,
antenna height, output power, ERP
[Feedback: several satisfied users.] {Feb 93}

CET (800) 445-0297
1001 S. Ridgewood Ave.
Edgewater, FL 32132
Offers a file on floppy of all stations within a 30-mile radius of a
customer-specified location. The prices are: rural $80, metro $140,
super-metro $200 (printed list are one-half these prices). Available in
ASCII columnar and comma-delimited formats. Does not include stations
lacking a specific location (i.e. mobile-only systems).
Fields are similar to those described for PerCon (186 bytes/rec).
[Feedback: some early confusion about prices due to erroneous postings
to the net. Users satisfied otherwise.] {Oct 93}

ScanWare Associates (206) 698-1383
7910 NE Double Hitch Ct Fax (206) 698-8207
Bremerton, WA 98310-3801 BBS (206) 871-4228
Offers its "FCC Frequency Retrieval System, Ver 1.15", a "database
management system for the FCC Master Frequency File ..... includes
program and FCC database for any state". Fields are similar to the
PerCon file (275 bytes/rec). Program is compiled Clipper and data
is dBase compatible. Distributed on HD floppies.
Program & one state, $29.95 (CA, TX, FL or NY, $34.95); add'l
states $15 ea (CA, FL, TX, NY $20 ea); plus $5 s/h.
[no feedback available, but an examination of the promotional Beta
release of Ver 2.0 confirms the file layout.] {Jan 94}

Scanner Master (800) 722-6701
PO Box 428
Newton Highlands, MA 02161
Provides online "access to nearly the entire F.C.C. database and is
updated weekly". Includes all fields in the Master File records. Allows
selective downloading by search criteria and reporting of particular
fields. Charges are $25.00 for a users guide/membership kit and
$1.50 /min (first 10 mins free).

Ref: Richard Barnett 71420.163@compuserve.com
[no feedback available] {--- 93}

Action Data Processing (301) 587-0558
817 Silver Spring Ave. Fax (301) 587-0560
Silver Spring, MD 20910
Offers floppy or printout of public service frequencies for a state or 50 mi radius of a city for $25 (add'l $20 ea), + $3 p/h. File contains name, call, city, state, freq., class, service & nbr of mobiles.
[no feedback available] {Feb 94}

1329. Re: Computer control variances: AR3000 vs AR3000A

Newsgroup: rec.radio.scanner
Date: 1994-02-24 07:15:11 UTC
From: schro@nessos.sni.de
Message-ID: <schro.762074111@nessos>
Source record: 276787

In <2k8dko$erm@crl2.crl.com> mjr@crl.com (Matthew Rapaport) writes:

>Sam Dunham has a program called ScanStar that performs computer control
>functions for the AOR AR3000 series scanners. Now I understand from Sam
>that the program works fine on the AR3000, but not so well on the
>AR3000A. For some reason, on the later model, the program behaves as
>though some control signals were missing or to be found on a different
>pin, even though the AR3000A port control documentation indicates the
>communications program should be set for SOFTWARE flow control
>(X-on/X-off). I've spoken to Sam and he apparantly called ACE to ask
>about this, but when they realized who he was (and that he was competing
>with their software) they wouldn't tell him anything.
>
>As I see it, there are three possibilities:
>
>1) some difference in the port hardware configuration.
>2) some difference in the processor micro-code involved in controlling
> the port.
>3) a bug in the AR3000A port microcode that requires an undocumented
> work around.
>
>Is there anyone out here on the net who knows what differences there are
>between the two units that might explain this problem?
>
>Help much appreciated as usual
>Thank you
>
>matthew rapaport Philosopher/Programmer at large KD6KVH
> CIS: 70271,255 Internet: mjr@crl.com

The communication protocol has been changed. The 3000 will send the
current s-meter reading several times a second. If you switch on the
3000A it will send a kind of logon message and a prompt. Then it just
sits there and waits for commands. If you want to get the signal
strength you have to ask for it. Control programs for the 3000 don't
ask and therefore will not work with the 3000A.

73 es 55 de Django
DL5YEC

1330. Re: latest RS scanners permanently blocked?

Newsgroup: rec.radio.scanner
Date: 1994-02-24 08:13:33 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb24.031333.1@uoft02.utoledo.edu>
Source record: 276788
Cross-posted to: alt.radio.scanner,rec.radio.scanner

larry@cs.com (Larry Spence) writes:
> What's up with the Radio Shack PRO-46 scanner? It doesn't have the govt
> air freqs that the PRO-43 has, but goes up to 1126 Mhz, as compared to
> 1000 on the PRO-43 (BTW, what is scannable in 1000-1126 MHz?). But at
> least one ad (EEB) has the 43 marked as "cellular restorable" while the
> 46 has no such indication. A couple of people have said things to the
> effect of "if it covers the 800-900 Mhz range, it's probably restorable,"
> but I wonder if, since it's a fairly new model, perhaps RS has done some-
> thing to make it impossible to unblock the cellular freqs on their latest
> models (e.g, the PRO-46, 2027, 2030, and 2032)? The 46 lists at $120
> less than the 43 ($70 less with the 43 on sale at $300), but if the block-
> ing can't be removed... %(
--

In the 'older' scanners (pre-1993), the chips allowed entry of celluar band freqs so they could be received. True, on many models, a diode or whatever had to be cut/removed/replaced, BUT the microprocessor STILL had the capability. The diode only was there so the product didn't appear to have celluar capability at the point of sale, for whatever moral and/or financial reasons.

The question is: do the chips in the NEW models have the capability of celluar reception at all? Since these are redesigned models, I would imagine a 'brand-new' chip would be created. It would be easy to 'lock-out' the celluar freqs by not allowing the celluar freqs to be entered/searched via the new program on the chip.

I've heard the 'epoxy on the diode/resistor' method (like on the ham 10m rig HR-2510) may satisfy the new legislation from a tech at radio shop.

Comments?

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1331. Re: Computer control variances: AR3000 vs AR3000A

Newsgroup: rec.radio.scanner
Date: 1994-02-24 11:58:57 UTC
From: joe@netcom.com
Message-ID: <joeCLq9A9.ByB@netcom.com>
Source record: 276789

The 3000A has implemented a hw flow control (rts/cts) and looks
at the status after every charator. The 3000 blindly sends a complete
line out before checking RS232 flow control.

--Joe

--

Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046

1332. Re: latest RS scanners permanently blocked?

Newsgroup: rec.radio.scanner
Date: 1994-02-24 14:51:18 UTC
From: daigneault@aeolus.enet.dec.com
Message-ID: <2kiet7$2b8@nntpd.lkg.dec.com>
Source record: 276790
Cross-posted to: alt.radio.scanner,rec.radio.scanner

The pro46 is modifiable. I suspect that the others are too... I have
reposted the mod with out permission...

DanD

Article 3903 of rec.radio.scanner:
Newsgroups: rec.radio.scanner
Path: nntpd.lkg.dec.com!crl.dec.com!crl.dec.com!decwrl!ames!elroy.jpl.nasa.gov!usc!howland
.reston.ans.net!wupost!udel!news.sprintlink.net!dg-rtp!viper!savage
From: savage@viper.rtp.dg.com (Ed Savage)
Subject: Re: PRO-46 Cellular Mod
Message-ID: <1994Feb9.191633.10397@dg-rtp.dg.com>
Sender: usenet@dg-rtp.dg.com (Usenet Administration)
Date: Wed, 9 Feb 94 19:16:33 GMT
References: <2j9kij$sf3@insosf1.infonet.net>
Organization: Data General Corporation, Research Triangle Park, NC
Lines: 80

In article <2j9kij$sf3@insosf1.infonet.net> jebraun@ins.infonet.net writes:
>Has anyone modified their PRO-46 to unlock the Cell bands? If so, which diode or diodes
need to be excised?

A friend ran across these and EMail'ed 'em to me... Haven't tried them
because I bought a Pro-43 instead of the Pro-46. Remember, the Pro-46
is made by Uniden I haven't heard too many good things about them...

BTW, I love my Pro-43! :)

Anyway, here are the Pro-46 mods...

--Ed

Here is what I found for the Pro-46 mod - same from 2 different sources:

Pro46.Mod
You will be able to tune continously from 80?whatever to 95?whatever
and this will include the appx 870 - 890 cellular band with the
proper 30 MHz steps for the cellular frequencies.
1.Remove battery pack, battery door and antenna.
2.Remove the 4 black screws on the back of the radio: push upward on bottom at
rear case and cantliever (swing) case half up from bottom to separete and
remove, its not necessary to remove belt clip.
(note: This sounds much easier than it is. Be prepared to "prop and lever"
around 3 catches in the battery case, along with one on each side around

1/4 of the way down the case)
3.Carefully separate RF board from processor board by inserting eyeglass
screwdriver between board by plug-in connector.
4.Unsolder copper-coated plastic Rf shield from microprocessor and set aside.
(note: If memory serves me correctly, this SHOULD be the side where the
pushpad is. In order to follow the rest of the instructions, place the
scanner face down on a piece of cloth or in a clamp with the antenna facing
AWAY from you).
5.Locate two resistors marked "0" (zero) on right side of board.
(note: On mine they were labeled "000", not "0")
6.Carefully unsolder and remove BOTH of the resistors.
7.Reinstall ONE of the removed resistors (or jumper) on the UPPERMOST set of
EMPTY solder pads.
(note: These are located just to the left of where you just removed
the two resistors.)
8.Thats it, reassemble the radio.
PS-Reintstall one of the removed zero marked resistors into top set of empty
solder pads. DO NOT install anything into LOWER SET of empty pads (cancels 30-
50 mhz and adds 68-88 mhz.
- -
The Following modification is intended only to restore contin-
uous 760-1300 MHz coverage as originally provided by the design
of the PRO-46 Microprocessor.
824-851, 869-896 MHz Freq Restoration :
Tools Required: Fine-tipped soldering iron, desoldering wick,
small Phillips screwdriver, small jeweler's type screwdriver,
long-nose pliers, rosin core solder.
(1) Remove the battery pack, battery door and Antenna.
(2) Remove the four black screws from the back of the radio,
then push upward on the bottom of the rear of the case,
carefully swinging it upwards and removing it.
(3) Carefully insert a small (jeweler's) screwdriver between
the two boards next to the interconnect plug in the lower
right coner. Gently pry the top board up to sparate it.
and set it aside.
(4) Unsolder the copper-coated plastic shield from the
microprocessor and set it aside. (CAUTION : Too much
heat will damage the shield).
(5) Locate the two chip jumpers imprinted with "0" ,near the
edge. carefully unsolder and remove both.
Note: they are side-by-side below the microprocessor.
(6) Solder one chip jumper across the two uppermost unsed solder
pads (Closest to microprocessor). Soldering a jumper across
the lower two pads (futhurest down from microprocessor),
changes the 30-50 Mhz low band to 68-88 Mhz for foreign
use. Note : Unused pads are allmost straigth across from
where the jumpers where originally installed.
(7) Reversse steps 1-4; the modification is now complete.

Edward Savage savage@dg-rtp.dg.com

1333. Re: Pro 43 Charging System Question

Newsgroup: rec.radio.scanner
Date: 1994-02-24 15:04:44 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Feb24.150444.23416@alw.nih.gov>
Source record: 276791

Thanks to everyone who sent me (or posted) info about the charging system in the 43. I went out and bought the RS high capacity ni-cads and used my RS universal charger to charge them for about 13 hours. Much to my suprise, the low battery warning was beeping by the end of the day (maybe and hour or two of cumulative use throughout the day). The unloaded voltage coming from the cells is about 1.28V. What am I doing wrong here?

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

1334. This Week on Spectrum 02/26/94

Newsgroup: rec.radio.scanner
Date: 1994-02-24 16:07:48 UTC
From: spectrum@starcomm.overleaf.com
Message-ID: <2kijck$69s@starcomm.overleaf.com>
Source record: 276792
Cross-posted to:
rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.scanner,rec.video.satellite,rec.radio.cb,alt.radio.scanner,alt.radio.pirate

If you ever wanted to build a radio station from the ground up, listen
to Spectrum this week. Our guest is Mike Venditti. Over the years he
has built 51 radio stations. Mike has a wealth of stories about the
broadcast business to share with everyone. In addition he is an antique
radio collector and broadcast historian.
--
Spectrum airs live Sunday at 0300 UTC (2200 EST Saturday) on:

WWCR, 5810 KHz, Nashville, TN (World Wide)
WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)

Spectrum is rebroadcast:

Sunday at 1500 EST, on WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
Monday at 0400 UTC (2300 EST Sunday),
on WWCR, 7435 KHz, Nashville, TN (World Wide)

--
Spectrum, "The Communications Magazine You Read With Your Ears."
Box 722, Holmdel, NJ, 07733-0722, USA
spectrum@overleaf.com, askspectrum@attmail.com, spectrumshow@genie.geis.com
+1 800-787-SPECTRUM, +1 908-671-4209

1335. Re: Antenna in Attic?

Newsgroup: rec.radio.scanner
Date: 1994-02-24 16:18:36 UTC
From: ec580@cleveland.Freenet.Edu
Message-ID: <2kik0s$fmm@usenet.INS.CWRU.Edu>
Source record: 276793

I use the RS discone in my attic as well. It works just fine. If you want a little boost, try adding a CATV amp to your outfit. It might increase intermod, but it really boosts weak signals if you live in a rural area.

Warren Bowery
AOSC NW/SE Ohio Editor
ov_bowery@lima0.noacsc.ohio.gov

1336. Cellular Telephone programming

Newsgroup: rec.radio.scanner
Date: 1994-02-24 16:47:41 UTC
From: dlr@daver.bungi.com
Message-ID: <1994Feb24.164741.27895@daver.bungi.com>
Source record: 276794
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I have started a mailing list for those interesting in programming cellular telephones. If you are interested in joining, mail to cell-request@bungi.com.

--
Dave Rand
Internet: dlr@daver.bungi.com

1337. 900mhz freqs

Newsgroup: rec.radio.scanner
Date: 1994-02-24 17:17:06 UTC
From: photi_w@opium.cs.odu.edu
Message-ID: <2kinei$8tc@xanth.cs.odu.edu>
Source record: 276795

Could someone please mail me a list of the freq ranges and seperations
used on the new 900mhz cordless phones?!?! Thanks.

--

William P. Photinos III photi_w@cs.odu.edu
Old Dominion University
Norfolk, Virginia

1338. NRD-525 items wanted/for swap.

Newsgroup: rec.radio.scanner
Date: 1994-02-24 17:45:21 UTC
From: lee@tosspot.sv.com
Message-ID: <a7i0Hc1w165w@tosspot.sv.com>
Source record: 276796
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner

Wanted:

CMK-165 VHF/UHF converter for the NRD-525.

Swap:

My CFL-218A (1.8kHz) filter for a CFL-233 (1kHz) filter.

Lee <lee@tosspot.sv.com>
(603) 863-7711 Home

1339. Re: latest RS scanners permanently blocked?

Newsgroup: rec.radio.scanner
Date: 1994-02-24 18:34:16 UTC
From: joe.henderson@allegro.raleigh.nc.us
Message-ID: <CLqrLA.J7o@nrtpa22.bnr.ca>
Source record: 276797
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I have the mods for the PRO-46 and tried them, but they did not work.
After the mods were done, the scanner then scanned the cellular freqs.
as normal, but when it encountered audio, it seemed like it muted it.
My guess is the LSI chip (branded Uniden) inside is now masked to mute
the cellular freqs.?
Anybody else try?
joe.henderson@allegro.raleigh.nc.us

1340. 200XLT vs Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-02-24 19:58:32 UTC
From: msf@interaccess.com
Message-ID: <2kj0t8$kgc@mailhost.interaccess.com>
Source record: 276798

I have the chance to buy either one of these scanners at the same price. My question (it has probably been thrashed out a 1000 times in this group): Which is a better buy? Which is easier to MOD for cellular? Which is better quality and price/perf?

1341. BC100 Antenna Mod

Newsgroup: rec.radio.scanner
Date: 1994-02-24 20:21:35 UTC
From: guillory@blkbox.COM
Message-ID: <2kj28f$el1@blkbox.blkbox.COM>
Source record: 276799

scew in antenna and I would like to mount an external model.

Some external kits were sold at one time. Any addresses?

George Guillory
guillory@blkbox.com

1342. Pro-43 Beep reduction

Newsgroup: rec.radio.scanner
Date: 1994-02-24 21:36:31 UTC
From: steve@galaxy.nsc.com
Message-ID: <CLr00v.DDL@voder.nsc.com>
Source record: 276800

Anyone wanting to kill or reduce the Beep tone on the Pro-43 to a more reasonable level while performing other mods can do so in the following manner. Get the other Mod info before starting this operation. After lifting off the second (audio) board, find a large surface-mount resistor under the area on the LM386, maked 471. This is a 470 ohm, 1/4 watt resistor that couples the beep tone straight to the speaker output lead from the uP through a buffer transistor having this resistor as a collector load to the power supply. Unsolder this resistor and replace it with a 2k ohm 1/10 watt surface mount resistor and you will have reduced the volume by the ratio of new to old resistance value. The Beep here was reduced by 12dB. Of course, I will not liable for any damage caused by attempting this rather difficult modification!

1343. Waltham, MA's Westin Hotel Freqs ?

Newsgroup: rec.radio.scanner
Date: 1994-02-25 02:52:31 UTC
From: roseberry@eisner.decus.org
Message-ID: <1994Feb24.215231.2487@eisner>
Source record: 276801

Anyone from the Waltham / Boston, MA area know the frequencies used by the Westin Hotel ?

I'm a long term hotel guest with nothing better to do than scan a little bit.

- Bert Roseberry

1344. BC855XLT Mods?

Newsgroup: rec.radio.scanner
Date: 1994-02-25 03:07:10 UTC
From: lakeith@robins.af.mil
Message-ID: <2kjq0u$i7b@wrdis02.robins.af.mil>
Source record: 276802

Are there any mods for this Uniden scanner? Not sure what I would like to mod.. Maybe more channels?

One more newbe question...

Thanks,

Larry Keith

1345. Re: Voice mail on 134 MHz?

Newsgroup: rec.radio.scanner
Date: 1994-02-25 03:15:16 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb24.221516.1@uoft02.utoledo.edu>
Source record: 276803
Cross-posted to: alt.radio.scanner,rec.radio.scanner

>>The "Phone Call" stuff you're hearing on 131.2 definately sounds
>>like it could be mobile phone. The image of 152.6 Mhz which is mobile
>>phone would be heard on 131.2 Mhz, assuming a 10.7 Mhz IF.
>> (131.2 + 2*10.7 = 152.6)
>
> Well, it isn't anything in the 150 MHz range. I've been picking up calls on
> 131.200 (or the others) and then doing a limit search up in the VHF Hi bands
> where you typically find mobile phones, all the while periodically checking
> back at the suspected image freqency to make sure the call is still going on.
> And I couldn't find it!
>
>>What is confusing me though, is that I thought the PRO-43 used a
>>455 Khz IF for both am and fm.
>
> Exactly! But again, thanks for giving this some thought. I'm still puzzled.
> I hope this isn't some problem with my Pro-43....

There is one way to see if it is an image. I see that you are using a PRO-43
to receive these mysterious comms. Borrow a friend's Uniden, AOR, or whatever
and see if it receives these mysterious transmissions. Different models often
receive different images due to different IFs, among other things. If nothing
else, hopefully it will eliminate the possibility that your 43 is on the fritz.

Transmissions like that are a good reason to start a foxhunt for the
transmitter!

73s

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1346. Buying an MVT7100 oversea

Newsgroup: rec.radio.scanner
Date: 1994-02-25 04:21:57 UTC
From: rveniega@sdcc13.ucsd.edu
Message-ID: <62227@sdcc12.ucsd.edu>
Source record: 276804
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I will be going to England in a few days and would like to pick up a Yuperteru MVT7100 in Cambridge. The sales tax over there is 17.5% and is called a value added tax (VAT). From what I understand, I can get a refund of this when I leave the country. Now, if I declare the scanner so I can get a reimbrusement for the VAT, can they take my scanner away at customs since this scanner is illegal in the US?

Where is a good place to pick up the MVT7100 in Cambridge or England (and at a good price)?

Thanks,
Gary

1347. BC210XLR ?

Newsgroup: rec.radio.scanner
Date: 1994-02-25 04:31:13 UTC
From: mvanlaet@k12.ucs.umass.edu
Message-ID: <1994Feb25.043113.11680@k12.ucs.umass.edu>
Source record: 276805

Does anyone have any information on the BC210XLR scanner ? What frequencies
does it cover ? How old is it ? Can it be modified in any way to get more
frequencies ? I have an opportunity to buy one and want to know if it
would be worth my while. Any info would be appreciated !!
-Matt

--

1348. Re: Antenna Problems with 8500XLT.

Newsgroup: rec.radio.scanner
Date: 1994-02-25 04:53:27 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb25.045327.4893@hpcvaac.cv.hp.com>
Source record: 276806
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.scanner

jm39s70@sycom.mi.org (Jim Mallory) writes:
: Hello,
:
: Still enjoying my 8500XLT, BUT, I am having a weird antenna problem. I have
: a RS Discone antenna in my attic and it was connected to my 800XLT through
: seeveral 25' runs of RS cable connected together with barrels. This worked
: great on the 800XLT, but when I connect it to my 2500XLT it acts like there
: is no antenna on it at all. A friend has suggested that since the 2500XLT is
: grounded (and the 800XLT is not.) there may a short to ground. I intend on
: checking the cable for any shorts between the conductor and shield as soon as
: I get my VOM back but does anyone have any
: hints/suggested/tips/wild-ass-guesses that I can use so I can get the discone
: on the 8500 and see what this thing can really do! Thanks in advance....

Personally, I would replace the junky Radio Shack coax with some decent stuff.

If you are going to check for shorts, you will have to disconnect the coax
at the radio and the antenna - primarily the antenna. You will get either
a very low or dc short reading - which is normal.

Does it still work ok on the 800XLT? If so, then I suspect there is a problem
with your new radio.

Bill

1349. Re: Pro 43 Charging System Question

Newsgroup: rec.radio.scanner
Date: 1994-02-25 05:34:32 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Feb25.053432.5864@hpcvaac.cv.hp.com>
Source record: 276807

weisen@alw.nih.gov (Neil Weisenfeld) writes:
: Thanks to everyone who sent me (or posted) info about the charging system in
: the 43. I went out and bought the RS high capacity ni-cads and used my RS
: universal charger to charge them for about 13 hours. Much to my suprise,
: the low battery warning was beeping by the end of the day (maybe and hour or
: two of cumulative use throughout the day). The unloaded voltage coming from
: the cells is about 1.28V. What am I doing wrong here?

Nothing. NiCads have a fully charged voltage of around 1.25 volts.

I seem to recall that the 43 has a problem with the low battery warning
starting to beep too soon.

Bill

1350. Re: 200XLT vs Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-02-25 08:53:32 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb25.035332.1@uoft02.utoledo.edu>
Source record: 276808

In article <2kj0t8$kgc@mailhost.interaccess.com>, msf@interaccess.com (MSF) writes:
> I have the chance to buy either one of these scanners at the same
> price. My question (it has probably been thrashed out a 1000 times
> in this group): Which is a better buy? Which is easier to MOD for
> cellular? Which is better quality and price/perf?
>
>I have owned both of these scanners,and in my opinion,the 43 is definitely
the way to go,even more so if you are interested in cellular.The 200 does
have SOME advantages.The 200 has MUCH better audio,and a much easier to
read display.800 MHZ reception is much better on the 43,and when you do
the cell mod,searches in the correct 30khz steps.the 200 searches in 12.5khz
steps,ok but hardly optimum.The 43 also mutes the control freqs so it won't
stop all the time and has no birdies in the cellband.As far as doing the cell
mod,the 200 is easier to do,but the 43 isn't all that hard,I've done 17 43's,
and at least 30 200\205's(same radio).I sold my 205 after I got my 43,I can
live with the weak audio.
--
Barry Felstein,N8PVX,using the acct of:
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1351. here

Newsgroup: rec.radio.scanner
Date: 1994-02-25 11:10:18 UTC
From: an68096@anon.penet.fi
Message-ID: <185449Z27021994@anon.penet.fi>
Source record: 276809

From: rats@ihlpm.UUCP
Newsgroups: rec.radio.shortwave
Subject: Realistic PRO-2022 Cellular Restoration
Message-ID: <9109301350.AA24169@ucbvax.Berkeley.EDU>
Date: 30 Sep 91 13:50:04 GMT
Sender: daemon@ucbvax.BERKELEY.EDU
Lines: 49

Cellular Restoration on the Realistic PRO-2022

The Realistic PRO-2022 certainly is a look-alike for the all-time
popular, but now-discontinued, PRO-2005. But is the similarity only
cosmetic? What tricks can be done to increase the utility of the
lower-cost 2022, now availible from Radio Shack and Grove Enterprises?
Of the greatest interest, can cellular phone coverage, censored at the
factory, be restored? Yes.

After removing the two upper back screws and the top lid, locate the
black cable just behind the front panel. Adjacent to the cable are
four diodes locations: D42, D43, D44 and D45.

D42 is not present; installed, it adds the 68-88 MHz
European mid band (which includes the US 76-82 MHz
mid band), removing the US 30-54 MHz low band. Even
if a switch were installed to allow the diode to be
selected, additional components and realignment are
necessary for that higher frequency coverage. Don't
do it!

D43 is present, allowing the 800 MHz band to be received;
the diode may be deleted so that the same microprocessor
may be used in scanner modles which don't have that
800 MHz capability. Don't touch it!

D44 is present, deleting the cellular mobile and base
frequencies. If one lead is cut, total 806-960 frequency
is restored, including 30 kHz steps in the cellular
band. Keep in mind, however, that mobile telephone
eavesdropping is prohibited by the Electronic
Communications Privacy Act!

This modification may void your warrenty; it is best to cut the lead
carefully, gently separating the gap slightly so that it may be resoldered
in case the radio needs warrenty repair later.

D45 is not present; installed, it makes the cellular 30 kHz
increments change to 12.5 kHz. A small SPST switch

connected in series with one lead of a 1N914 or 1N4148
could allow selection of the 25 kHz step interval in
those areas which utilize that channel spacing.

To do this, it is necessary to unsolder a shield under the circuit
board which covers the solder pads for the diodes. Such a modification
should only be attempted by someone familiar with electronic circuitry.

[Excerpted from Monitoring Times, June 1990, page 89.]

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

1352. Miami Freq's

Newsgroup: rec.radio.scanner
Date: 1994-02-25 11:11:13 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <762174673snz@javiaton.demon.co.uk>
Source record: 276732
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hi All,

Very last minute this but I wonder if anybody could would be kind
enough to mail some of the main "interesting freq's" for the Miami area -
anything really as I am leaving tomorrow morning and will be stopping
near the airport (Dade County I think ?).

Any info very much appreciated
.

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\--/

1353. Re: Buying an MVT7100 oversea

Newsgroup: rec.radio.scanner
Date: 1994-02-25 12:06:23 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <762177983snz@javiaton.demon.co.uk>
Source record: 276810

In article <62227@sdcc12.ucsd.edu>
rveniega@sdcc13.ucsd.edu "Hi..Guess Who? " writes:

>I will be going to England in a few days and would like to pick up a
>Yuperteru MVT7100 in Cambridge. The sales tax over there is 17.5%
>and is called a value added tax (VAT). From what I understand, I
>can get a refund of this when I leave the country. Now, if I
>declare the scanner so I can get a reimbrusement for the VAT, can

Hi Gary,

If you want to reclaim the VAT element of the purchase price you
need to purchase it from a delaer/outlet who particpates in the
Retail VAT reclamation scheme as the dealer/outlet also has to
comply with the scheme. I am not 100% sure about
how this scheme works.

>can they take my scanner away at customs since this scanner is
>illegal in the US?

With regard to Customs No. It is not illegal in the US for you to bring upto
three non type accepted products into the USA for your own
personal use and not for re-sale. You should complete
a FCC form 740 (but you may not tell anybdy you have it anyway).

After April 26th this year FCC rules will still allow upto three non
approved products to be imported but Federal Law will prohibit
cellular capable scanners. As Federal Law comes before FCC rules
it would be illegal for you to either Import or Hand Carry a
MVT-7100 (Or similar) into the US after April 26th

>
>Where is a good place to pick up the MVT7100 in Cambridge or
>England (and at a good price)?

You could try Lowes in Cambridge or The Shortwave Centre in
Norwich (0603-788281 - ask for Paul) or if you are in/around the
London area there are a good few dealers.

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Javiation, Bradford. U.K. Compu$erve: 100117,535 |
\--/

1354. Re: Pro 43 Charging System Question

Newsgroup: rec.radio.scanner
Date: 1994-02-25 13:36:01 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CLs8G3.1Aq@cbnewse.cb.att.com>
Source record: 276811

With most chargers, you must charge the high capacity NiCd
cells for a longer period of time than ordinary NiCd cells.
Otherwise, you are not making use of their extra capacity.

I switched to using "whatever is on sale"-brand alkalines in the PRO-43
instead of NiCds.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

1355. Re: Buying an MVT7100 oversea

Newsgroup: rec.radio.scanner
Date: 1994-02-25 13:51:29 UTC
From: david@kestrel.ludwig.ucl.ac.uk
Message-ID: <1994Feb25.135129.48777@ucl.ac.uk>
Source record: 276812

In article <62227@sdcc12.ucsd.edu> rveniega@sdcc13.ucsd.edu (Hi..Guess Who?) writes:
>I will be going to England in a few days and would like to pick up a
>Yuperteru MVT7100 in Cambridge. The sales tax over there is 17.5%
>and is called a value added tax (VAT). From what I understand, I
>can get a refund of this when I leave the country. Now, if I
>declare the scanner so I can get a reimbrusement for the VAT, can
>they take my scanner away at customs since this scanner is
>illegal in the US?
>
>Where is a good place to pick up the MVT7100 in Cambridge or
>England (and at a good price)?
>
>Thanks,
>Gary

The Yupiteru costs 399.95 pounds including 17.5% vat from
ASK Electronics Ltd
248 Tottenham Court Road
London W1P 9AD
Tel 071 637 0353

There are a few radio stores on this street with similar prices.
London is about 1 hour by train from Cambridge (about 20 pounds
for a ticket). I've only got the phone number of the store
in Cambridge : 0223 311230.
Hope this helps,

David

1356. BC100 Antenna Mod

Newsgroup: rec.radio.scanner
Date: 1994-02-25 14:32:06 UTC
From: guillory@blkbox.COM
Message-ID: <2kl256$3is@blkbox.blkbox.COM>
Source record: 276813

Sorry for the earlier screwed up mail. I have a Bearcat 100 with a screw in antenna. I am looking for a mod that would allow the use of an F connector so that I can have an external antenna.

I remember kits being sold a few years ago. Any addresses?

George Guillory
guillory@blkbox.com

1357. 200xlt Vs Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-02-25 14:36:00 UTC
From: Ken.Ota@f239.n109.z1.fidonet.org
Message-ID: <674_9402251107@blkcat.fidonet.org>
Source record: 276726

Get the PRO43. I have both (started with BC200). The BC200 is only double conversion and prone to images. The PRO43 is triple conversion and tends to be cleaner.

The mod for the BC200 is easier but not by much (clip a resistor). The mod for the PRO43 requires removing a surface mount diode but the board is harder to reach.

The cellular mod for the PRO43 steps in the correct 30khz steps, the BC200 steps in 12.5khz steps thus missing quite a few cellular channels.

Sensitivity seems to be about equal. The BC may actually be a little more sensitive, but with more images so there are fewer usable frequencies.

1358. What Base Station Scanner To Buy?

Newsgroup: rec.radio.scanner
Date: 1994-02-25 15:45:05 UTC
From: v043948@stortek.com
Message-ID: <CLsEF7.1JE@stortek.com>
Source record: 276814

A friend of mine has an older Bearcat (non-portable) scanner. With the impending "no cellular" law coming
into effect he wants to upgrade to a 800 Mhhz unit capable of receiving cellular, or being easily modified
to do so. He doesn't want to spend a fortune however. So my question is, what are the top 2-3 mid-priced
base station scanners be that meet these requirements?

Thanks,

Bill Vojak
Still happy with my 100XLT
v043948@antares.stortek.com
OR
v043948@query.stortek.com

The CBS Nightly Propaganda With Dan Rather. (RATHER NOT!)
The CBS Nightly Propaganda With Dan Rather. (RATHER BIASED!)

1359. Re: Antenna Problems with 8500XLT.

Newsgroup: rec.radio.scanner
Date: 1994-02-25 16:20:06 UTC
From: bmiller@landesk.intel.com
Message-ID: <2kl8fm$a3s@ornews.intel.com>
Source record: 276734
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.scanner

Another possible cause is something that happend to a cable I had in the car that I used for an HT. It was a PL259 with a BNC adaptor on it. Since the radio got moved around a lot, and the center conductor was soldered to the center pin, there was nothing holding the outer part of the coax to the connector and the center conductor of the cable broke. I didn't notice it right away because, sometimes, depending on what position the coax was in, the center conductor would make contact.

So try moving the cable around when you make you continuity test with a DMM.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1360. Re: Help with old radio

Newsgroup: rec.radio.scanner
Date: 1994-02-25 16:26:19 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2kl8rb$8am@cronkite.ocis.temple.edu>
Source record: 276815

Jeff Lineberry (jeff.lineberry@tomcat.com) wrote:
: I hope someone out there can help me with a small problem. I am trying

I hear ya,, Trying what?

(what suspense!)
g

1361. Re: BC210XLR ?

Newsgroup: rec.radio.scanner
Date: 1994-02-25 16:27:10 UTC
From: bmiller@landesk.intel.com
Message-ID: <2kl8su$ac4@ornews.intel.com>
Source record: 276816

In article <1994Feb25.043113.11680@k12.ucs.umass.edu> mvanlaet@k12.ucs.umass.edu (Matthew Van Laethem (No. Reading MS95)) writes:
>
>Does anyone have any information on the BC210XLR scanner ? What frequencies
>does it cover ? How old is it ? Can it be modified in any way to get more
>frequencies ? I have an opportunity to buy one and want to know if it
>would be worth my while. Any info would be appreciated !!
>-Matt
>
>--

Although I don't specifically remember a 210XLR, my guess is that it is an enhanced version of the BC210XL. I fairly sure it does not have 800MHz. I don't think any freq. mods are available for it either. In general, these scanners are good "background" scanners - good for listening to while reading the paper, or as a second scanner. If you are into scanning or think you will be, This probably isn't the best First scanner to get, unless you just want to dabble to see if you like it.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1362. Re: Antennas for Portable Scanners

Newsgroup: rec.radio.scanner
Date: 1994-02-25 17:13:55 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Feb25.171355.20584@alw.nih.gov>
Source record: 276817

Jim Kearman (KR1S) (jkearman@arrl.org) wrote:
: When I first saw the collapsible whip antenna supplied with
: the Yupiteru MVT-7100, I knew what my first accessory purchase
: would be: another antenna. While this whip has a tilt base, a
: rigid antenna is not a good idea for hip-toted scanners. After
: checking out the marketplace, I bought an Austin "Condor." At

Interesting... I've been really disappointed with the Condor when used with
my Pro-43. I find that the '43s regular duckie works better on 400 and
800 MHz. Can anyone else comment?

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

1363. Re: Pro 43 Charging System Question

Newsgroup: rec.radio.scanner
Date: 1994-02-25 17:38:56 UTC
From: vanderby@mprgate.mpr.ca
Message-ID: <1994Feb25.173856.27391@mprgate.mpr.ca>
Source record: 276818

In article <1994Feb25.053432.5864@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
|> weisen@alw.nih.gov (Neil Weisenfeld) writes:
|> : Much to my suprise,
|> : the low battery warning was beeping by the end of the day (maybe and hour or
|> : two of cumulative use throughout the day). The unloaded voltage coming from
|> : the cells is about 1.28V. What am I doing wrong here?
|>
|> Nothing. NiCads have a fully charged voltage of around 1.25 volts.
|>
|> I seem to recall that the 43 has a problem with the low battery warning
|> starting to beep too soon.

They could have made the warning voltage a little lower, but the real problem is that ni-cads have a lower voltage than alkaline (1.25 for ni-cads -vs- 1.5 per cell for alkaline).

1364. Further criminalization of scanning

Newsgroup: rec.radio.scanner
Date: 1994-02-25 18:03:11 UTC
From: grady@netcom.com
Message-ID: <gradyCLsKtB.I3r@netcom.com>
Source record: 276819
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

The FBI just announced their new wiretap bill for 1994.

Among its many provisions, monitoring cordless phone
will be criminalized, just like cellular is now.

Presumably the FCC will have to act to ban all scanners
that can tune the 46.xx range... I might suggest you buy those
continuous range scanners NOW before while they still are
permitted to US Citizens.

My third Pro2006 just arrived, as did my fourth ICOM W2A HT.

For more details of the Draft Bill and analysis by Attorney Mike
Godwin of the Electronic Frontier Foundation, check into
comp.org.eff.news and comp.org.eff.talk or send e-mail to
mech@eff.org.

The EFF will be fighting this bill as hard as it can; you
too can join the battle with us...

KN6JR

--
Grady Ward | compiler of Moby lexicons: | finger grady@netcom.com
+1 707 826 7715 | Words, Hyphenator, Part-of-Speech | for more information
(voice/24hr FAX) | Pronunciator, Thesaurus | 15 E2 AD D3 D1 C6 F3 FC
grady@netcom.com | and Language; all royalty-free | 58 AC F7 3D 4F 01 1E 2F

1365. Re: Antennas for Portable Scanners

Newsgroup: rec.radio.scanner
Date: 1994-02-25 18:04:34 UTC
From: taft@mv.us.adobe.com
Message-ID: <1994Feb25.180434.4697@adobe.com>
Source record: 276725

jkearman@arrl.org (Jim Kearman (KR1S)) writes:
>Last week I bought a Radio Shack whip, the one with the center
>loading coil. It costs about $10 in the States. It doesn't look
>very robust,

Well, what do you expect for $10? If it breaks, buy another one!

>but it sure pulls in the Connecticut State Police on 42 MHz...

I'm pretty impressed also. I had pretty much given up on listening to VHF-low on my Uniden BC200. But with the RS whip antenna, VHF-low reception is quite good, so long as the antenna is fully extended.

Interestingly, this antenna also does very well on VHF-high, but you first have to collapse the first segment above the loading coil. My guess is that this shorts out the loading coil.

I once believed that loading coils are mainly to ensure a good impedance match when transmitting and don't have much effect when receiving. But the behavior of this particular antenna seems to contradict that. The loading coil significantly improves reception of VHF-low but hurts VHF-high. Perhaps someone who actually understands antennas can explain.
--
Ed Taft taft@adobe.com ...decwrl!adobe!taft

1366. Re: Scanner laws online?

Newsgroup: rec.radio.scanner
Date: 1994-02-25 18:08:57 UTC
From: grady@netcom.com
Message-ID: <gradyCLsL2y.IFA@netcom.com>
Source record: 276729
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Federal laws are on-line at ftp.eff.org.

And the new FBI wiretap bill is going to criminal *cordless phone*
listening as well as a bunch of other new segments.

Our scanners are going to look like swiss cheese.

--
Grady Ward | compiler of Moby lexicons: | finger grady@netcom.com
+1 707 826 7715 | Words, Hyphenator, Part-of-Speech | for more information
(voice/24hr FAX) | Pronunciator, Thesaurus | 15 E2 AD D3 D1 C6 F3 FC
grady@netcom.com | and Language; all royalty-free | 58 AC F7 3D 4F 01 1E 2F

1367. Re: Do YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-02-25 18:11:03 UTC
From: grady@netcom.com
Message-ID: <gradyCLsL6G.loq@netcom.com>
Source record: 276735
Cross-posted to: alt.radio.scanner,rec.radio.scanner

And you probably know by now that the new draft FBI wiretap
bill of 1994 is going to criminalize listening to cordless phones.

Buy those scanners while you can!

Find out more from comp.org.eff.news and comp.org.eff.talk.

--
Grady Ward | compiler of Moby lexicons: | finger grady@netcom.com
+1 707 826 7715 | Words, Hyphenator, Part-of-Speech | for more information
(voice/24hr FAX) | Pronunciator, Thesaurus | 15 E2 AD D3 D1 C6 F3 FC
grady@netcom.com | and Language; all royalty-free | 58 AC F7 3D 4F 01 1E 2F

1368. Hams Using Motorola Equipt?

Newsgroup: rec.radio.scanner
Date: 1994-02-25 18:25:32 UTC
From: cw400@cleveland.Freenet.Edu
Message-ID: <2klfqs$rhk@usenet.INS.CWRU.Edu>
Source record: 276822

Any hams or scanner listeners out there using motorola equipment for their hobby? I own a number of radios from Mot. and would like to exchange ideas or neat mods. with other Motorola junkies like myself.

Eric bartholomew

packet: KF8YK@KB8AST.#NEOH.OH.USA.NA
Internet: ericb@ieee.csuohio.edu

1369. Re: Antennas for Portable Scanners

Newsgroup: rec.radio.scanner
Date: 1994-02-25 18:27:01 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb25.132701.1@uoft02.utoledo.edu>
Source record: 276731
Cross-posted to: rec.radio.scanner,alt.radio.scanner

jkearman@arrl.org (Jim Kearman (KR1S)) writes:

> Last week I bought a Radio Shack whip, the one with the center
> loading coil. It costs about $10 in the States. It doesn't look
> very robust, but it sure pulls in the Connecticut State Police
> on 42 MHz, better than the Yupi whip, and better even than a
> rather long whip sold by Grove. The Grove and Yupi whips appear
> to be of better construction, though. If your use of whips
> extends beyond scanning, this may be of concern. Otherwise, I
> think the Radio Shack whip will suit you. I can't explain why
> it works better, but I hear signals in the 30-50 MHz range with
> that antenna that are not readable with the other antennas. I
> tried the others at different extensions and in different places
> in the room, etc.

My experience with the antenna is nearly identical. Reception of Ohio State Patrol 45Mhz transmissions increased in number greatly when I removed the supplied Pro43 duck, and replaced it with the RS Telescoping whip. In my experience, it's given me the best VHF-Lo performance. Doesn't seem to sacrafice much performance, even when fully extended, on the higher frequencies.

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1370. Re: Where to buy battery pack for BC 100xlt?

Newsgroup: rec.radio.scanner
Date: 1994-02-25 18:40:09 UTC
From: bmiller@landesk.intel.com
Message-ID: <2klgm9$e41@ornews.intel.com>
Source record: 276727

In article <2kl1ng$ql0@samba.oit.unc.edu> Mack.Goodman@launchpad.unc.edu (mack Goodman) writes:
>I may need to buy a new battery pack for my old
>BC100xlt.
>Where is the cheapest place? Any ideas?
>Mack
>
>mdgoodma@cbdcom.apgea.army.mil
>
>--
> The opinions expressed are not necessarily those of the University of
> North Carolina at Chapel Hill, the Campus Office for Information
> technology, or the Experimental Bulletin Board Service.
> internet: laUNChpad.unc.edu or 152.2.22.80

You could probably call Uniden Parts and order one, but another good place is a company called Metro West. They have a cool catalog of interesting products for hand held scanners. Sorry I dont have the address (College Park Il. seems to come to mind).

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1371. Re: "Fireground"

Newsgroup: rec.radio.scanner
Date: 1994-02-25 18:57:31 UTC
From: mikew@sad.hp.com
Message-ID: <CLsnBw.GJ1@srgenprp.sr.hp.com>
Source record: 276728

"Tactical channel" is another name for a "fireground channel".
Aside from the benefit of freeing the dispatch channel from lots of
the on-scene tactical conversation, the "tac" chanels are often common
to a large area, so that mutual aid companies, who are dispatched on a
different channel than the first responders, have a channel in common
on which to coordinate.

In this area, we have lots of tac channels. Three (white 1,2,3) are
statewide common, four others are county-common, and still others
allow coordination to law enforcement, EMS units, and air tankers.
You'll hear the dispatchers assign a tac channel to the first-in
units, and all other incoming units will switch to the tac on arrival
or a little before arrival on scene, to receive their tactical
assignment from the Incident Commander.

The tac channels generally are not repeated (that is, they are
simplex). The range varies dramatically: 5 watt HTs inside a building
may be heard only blocks away, but a 100W truck radio on a hilltop
incident could be heard a hundred miles away.

-mike

Mike Weihman mikew@sad.hp.com

Hewlett-Packard Co. | HP Fire/Chem/Medical Response Teams
Microwave Instruments Division |
1212 Valley House Drive | Firefighter/EMT-D
Rohnert Park, CA 94928 USA | Rancho Adobe Fire Protection District
(707) 794-4454 | Penngrove, CA

1372. Re: Do YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-02-25 19:08:19 UTC
From: feedle@kaiwan.com
Message-ID: <2klib3$2o4@kaiwan.kaiwan.com>
Source record: 276733
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Al Berg (alberg@hudlink.hoboken.nj.us) wrote:
: If you are a cordless listener, I'm interested in knowing:

: WHY you listen to cordless

Don't have much of a choice. I have a neighbor with an (illegal) grey market phone that overpowers a 49mhz room listener I use for monitoring the radio room. I can't change the channel on my room listener, so I just usually go ahead and listen. After all, it isn't MY fault!

: WHO you listen to - do you listen randomly or target your listening?

See above. And, occasionally, I random-search the band to see what other frequencies are in use in my area.

: Have you ever heard anything shocking or bizarre?
: Have you heard sensitive information (ie people giving credit card #s,
: travel plans, etc.)?

This particular individual just loves to talk about his business affairs over the cordless phone. I've heard banking account numbers, candid doctor conversations, and even user ID's and passwords for the company's computer system. Oh, and the usual mushy calls to his wife when he's out of town...

: Did you ever use any of the information you heard?

I once mailed the individual a transcript (anonymously, of course) of every cordless telephone call within a 24 hour period, however it only got him to not discuss private issues for about a week. After that, it was business as usual. Other than "educational" issues, I've never used the information.

: Do you think that listening to cordless is unethical? If not, why is it
: more ethical than tapping a land line?

In this case, ethics is not an issue. This bozo is interfering with my LEGAL use of a device, by using an illegal one. (There's no question this is a grey market product. This guy imports products from Japan all the time, and I've seen the phone. It's manual is in some Asian language.) IMHO, it would be the same as wiretapping someone who's busted in to your protector and using your phone line without your permission.

Less specifically, nobody owns radio (at least in theory). If his radio signal is present on my property, that's his problem. If I can hear it, I have a right to. To "wiretap" his phone over copper, there's a definate tresspassing issue involved. The telephone company's facilities are not mine, and I have no right to that.

: What kind of scanner do you use?

A Radio Shack Cordless Room Monitor reciever. (I also own an Icom R-1,
a R/S PRO-34, PRO-2005, and PRO-2026, and a Regency Touch M100.)

: Did you buy your scanner specifically to listen to calls or is this just
: a sideline?

I could care less about phone calls. I wish I could use my room monitor
for the purpose intended, not as a reciever for this idiot's phone.

Okay, so I'm on the soapbox a little. So sue me.

feedle@kaiwan.com "BBS: C:\>dsz speed 300 ha ha ha tee hee hee rz -ZZZZ"

1373. Computer w/ Scanner

Newsgroup: rec.radio.scanner
Date: 1994-02-25 21:41:00 UTC
From: Paul.Brzonkala@f239.n109.z1.fidonet.org
Message-ID: <2f3_9402251804@blkcat.fidonet.org>
Source record: 276821

GREAT PRICE FOR SO MUCH.....

Zenith Supersport Laptop (8088) w/ 20 MB Hard Drive, 720K Floppy.
Connected to a 4-port serial switch box with the following:

AR-2500 Wide Band Scanner. 1-1300 MHz. With SSB. This one has a serial
connection for remote control through software from ACE specifically
for the AR-2500. Controls all funtions, PLUS logs all results and
uploads/downloads to the radio/PC. Has a database for station
management. Frequency allocation table attached for proper mode
setting. 11 month of 12 month warranty left. Brand New!

2400 Modem. Hayes Smartmodem. External. Great Condition.

Microsoft Mouse. Word Perfect 5.1, Lotus 2.2, Norton Utils, MORE!

$ 995.00 (703) 816-7823. I'll call back.

1374. New technical e-mail list created

Newsgroup: rec.radio.scanner
Date: 1994-02-25 22:41:08 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCLsxoM.41M@netcom.com>
Source record: 276736
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

To subscribe to the list, send a message to: majordomo@world.std.com
In the body of the message, type: subscribe ham-tech

What you will receive if you subscribe to the list:

Welcome to the HAM-TECH e-mail list.

This list was designed for people with technical ham related questions
(antennae, radios, digital communications, etc) to share information with
each other.

If you do not have Usenet access, or don't have time to read news, or you
need information faster than Usenet can provide, or your question doesn't
fall into the catagories Usenet provides, or you simply want more mail,
please feel free to ask your technical questions, offer answers, or
whatever else you have to share.

Feel free to get as technical as you like.

This list is open to all.

To submit your message to the list, e-mail: ham-tech@world.std.com

If you wish to speak with the list's owner, please send e-mail to:
ham-tech-approval@world.std.com

73 to all,
Scott Ehrlich, WY1Z

--
```
==============================================================================
| Scott Ehrlich Internet: wy1z@neu.edu BITNET: wy1z@NUHUB |
| Amateur Radio: wy1z AX.25: wy1z@k1ugm.ma.usa.na |
|------------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - ftp.std.com pub/hamradio |
==============================================================================
```

1375. MODing a Pro-43 without soldering

Newsgroup: rec.radio.scanner
Date: 1994-02-25 23:23:00 UTC
From: springel@umich.edu
Message-ID: <2km18k$6ii@lastactionhero.rs.itd.umich.edu>
Source record: 276823

I just purchased a new Pro-43 to replace my Uniden 200XLT after reading many of the praises for the Pro-43 on this newsgroup. I decided to try and MOD it, but don't have a lot of experience with a soldering iron. After examining the scanner's innards, I found it was quite easy to "fix" with nothing more than a minature philips screwdriver and some small needlenose pliars.

********** Standard Discalimer from other MODs:

1-It is against the law to monitor cellular or mobile telephone calls.

*****2-Procedures outlined below [DO NOT] require knowledge of microcircuits, soldering
and assembly techniques.

*****3-You will [NOT] need a low-wattage soldering iron, solder and other various tools
to help in the procedure.

4-The following procedure will void your warranty.

****

Here is my new MOD:

Step 1

Remove the battery, antenna, and back cover which is held in place by four
screws. Place the scanner keypad-side down on your working surface.

Step 2

Remove the six screws holding the top circuit board in place.

Step 3

Using a VERY small screwdriver (I used one from a Radio Shack kit), remove the two screws from the lower circuit board. Looking down at the unit, you will see that the screw on right side of the lower circuit board can be easily removed. Remove the screw on the left side by by sliding the screwdriver between the top circuit board and the metal frame which holds the two boards together.

Step 4

With these two screws removed, you can now lift the entire top panel (antenna, volume, and squelch knobs) along with the top two circuit boards as one unit. The two circuit boards will be connected to the

final circuit board (the one attached to the front section of the scanner) by several wires. Simply set the top panel/circuit boards alongside the front section of the scanner and you can leave these wires connected.

Step 5

The microporcessor is located under the large metal shield on the final board (the front section of the scanner with the display and keypad). If you look under metal shield from the side closest to the bottom of the scanner, you should see the row of diodes labeled D1-D5.

Only diodes D1, D2 and D4 should be present.

Use a small pointed tool to break off D4. You actually don't have to remove it completely (unless you want to use it to restore additional frequencies as explained in other MODs), you can just lift one side so it dosen't make connection and then put a small piece of tape or heat shrink over it, so it won't. Make sure it's not lifted to high or the boards will not fit.

This will restore Cellular Frequencies in 30 kHz steps.

Step 5

Reverse the process to replace the top panel/circuit boards and the two screws that connect the lower circuit board. Replace the 6 screws from the top board. Replace the cover, etc.....

...the diode positions on the cpu board, of which only three are filled look like this. Where X equals a diode soldered in place.

D5 D4 D3 D2 D1

O X O X X Normal configuration

O O O X X Cellular modification(D4 removed)

O O X X X Lo-Band modification(D4 in D3's place)

These directions were based on an original MOD design whose origins I do not know. My thanks go out to the original author of that MOD!

Hope this helps those of you who do not own a soldering iron!

+----------------------------------+
| Jason G. Springel |
| springel@umich.edu |
| University of Michigan Hospitals |
+----------------------------------+

1376. How long has/will PRO-43 be on sale from Marymac?

Newsgroup: rec.radio.scanner
Date: 1994-02-26 00:07:14 UTC
From: blake@lonestar.utsa.edu
Message-ID: <1994Feb26.000714.1762@ringer.cs.utsa.edu>
Source record: 276737
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I just asked for a price quote on a PRO-43 from Marymac, for which they gave m
me a price of $259. I asked how long they would have it at that price and the
man said that it would be until today (Friday). Should I be worried that I
won't be able to snatch one up at that price within a couple of weeks? I would
have jumped in my car and drove to Houston from San Antonio and bought it if I
really thought that would be the case!

73,
--
O	Blake Schreckenbach,	"It's a 106 miles to Chicago, we've got a full	O
O	KC5DRP	tank of gas, half a packet of cigarettes, It's	O
O	University of Texas	dark, and we're wearing sunglasses. Hit it."	O
O| at San Antonio	-- Jake & Elwood Blues	blake@lonestar.utsa.edu |O

1377. Re: Monitoring Times

Newsgroup: rec.radio.scanner
Date: 1994-02-26 01:11:55 UTC
From: longo@sfpp.com
Message-ID: <1994Feb25.171155.389@sfpp.com>
Source record: 276738

In article <phybs.5.000A9B76@mizzou1.missouri.edu>, phybs@mizzou1.missouri.edu (Bernhard Stepke) writes:
> I have read of several references to the magazine Monitoring Times. I have
> checked the local library & bookstore. No luck. Where can I get a subscription?
>
> Thanks.
--

Just about every ham radio store I've ever been in carries it. Check with
your local HRO or some other ham radio store.

-Bob
=====================================+=====================================
Bob Longo (longo@sfpp.com) | "I am not gonna raise taxes on the
Santa Fe Pacific Pipelines | middle class to pay for these
Los Angeles, CA | programs." - Bill Clinton

1378. Cordless phone freq list...

Newsgroup: rec.radio.scanner
Date: 1994-02-26 02:31:37 UTC
From: msf@interaccess.com
Message-ID: <2kmca9$49f@mailhost.interaccess.com>
Source record: 276739

One of these base frequencies is not correct. Can someone identify the incorrect one (it would save me some time)

46.610
46.630
46.670
46.710
46.730
46.770
46.810
46.830
46.870
46.910
46.930

(there are 11 listed here, but only ten valid freqs(?)) any help would be appreciated.

1379. Tape out for all scanners.

Newsgroup: rec.radio.scanner
Date: 1994-02-26 02:44:36 UTC
From: af957@yfn.ysu.edu
Message-ID: <2kmd2k$8n9@news.ysu.edu>
Source record: 276740

I have a handheld scanner and like most it doesn't have a tape out jack. There are occassions when I would like to record things but trying to do so using the earphone jack was not a pleasant experience. First of all plugging into the earphone jack cuts the speaker off, so you can't hear what you are recording. I also tried the duplex jack where I pluged the earpiece into one side and the recorder cable into the other. This was a dismall failure as it made the scanner top-heavy and turning your head would easily knock the darn thing over. I think I have come up with a way to tape and hear what's going on on the scanner without having to modify the scanner or buy expensive apmlified speakers.
I went to Radio Shack and paid $3.99 for a suction cup telephone pick-up (cat. no. 44-533). This device suction cupped to the Pro-39 worked wonderfully, voice actuation and all. I haven't tried it on the Pro-43 yet but I don't see why it wont work just as well. A couple of notes, first it doesn't work well around a computer monitor and second it may take a little experimentation to find the best spot, on the Pro-39 it picked up no noise when placed on the very front just below the key pad but had a slight hiss when placed on the back of the scanner.
--
Wally... a.k.a. af957@yfn.ysu.edu
Short Wave Listeners know what knobs to turn!

1380. Cellular Directory

Newsgroup: rec.radio.scanner
Date: 1994-02-26 03:07:56 UTC
From: tmnichol@alioth.cc.nps.navy.mil
Message-ID: <CLtA18.DDv@taurus.cs.nps.navy.mil>
Source record: 276741

Is there a directory assist anywhere out there where I can get cellular phone numbers? Directory assist only has numbers for land line phones not cellular. I called Cellular ONE and they do not give out that info because it of course costs money to even receive a cellular call. Any other groups that might help with this info? Send e-mail please.

1381. Re: latest RS scanners permanently blocked?

Newsgroup: rec.radio.scanner
Date: 1994-02-26 03:15:28 UTC
From: paul@theborg.mlb.fl.us
Message-ID: <paul.02hg@theborg.mlb.fl.us>
Source record: 276742
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Feb24.045624.2973@cs.com> larry@cs.com (Larry Spence) writes:
> What's up with the Radio Shack PRO-46 scanner? It doesn't have the govt
> air freqs that the PRO-43 has, but goes up to 1126 Mhz, as compared to
> 1000 on the PRO-43 (BTW, what is scannable in 1000-1126 MHz?). But at
> least one ad (EEB) has the 43 marked as "cellular restorable" while the
> 46 has no such indication. A couple of people have said things to the
> effect of "if it covers the 800-900 Mhz range, it's probably restorable,"
> but I wonder if, since it's a fairly new model, perhaps RS has done some-
> thing to make it impossible to unblock the cellular freqs on their latest
> models (e.g, the PRO-46, 2027, 2030, and 2032)? The 46 lists at $120
> less than the 43 ($70 less with the 43 on sale at $300), but if the block-
> ing can't be removed... %(
>
> --
> Larry Spence
> larry@csccat.cs.com
> netcom.com!cs.com!larry

There is a mod that restores cellular on the Pro-46! I know someone
who has done the mod and it works. And also has the proper 30 KHz
spacing too.

It invloves removing two chip resistors and placing one in another
position. You can find this mod somewhere in one of the radio modification
handbooks.

-Paul

1382. Re: Antennas for Portable Scanners

Newsgroup: rec.radio.scanner
Date: 1994-02-26 04:14:34 UTC
From: danm@hebron.connected.com
Message-ID: <2kmiba$814@hebron.connected.com>
Source record: 276743

In article <1994Feb25.171355.20584@alw.nih.gov>,
Neil Weisenfeld <weisen@alw.nih.gov> wrote:

>Interesting... I've been really disappointed with the Condor when used with
>my Pro-43. I find that the '43s regular duckie works better on 400 and
>800 MHz. Can anyone else comment?

Neil (and others),

I have found myself a bit disappointed with the stock PRO-43 duck
- especialy when listening to the 800 mHz stuff. When I get back to St.
Louis, I find it inadequate for consistent reliable reception of the StL
PD 800 MHz trunked system. I gave ICOM FA1443B dual band (2 meter/70cm)
that I use on my handheld a try and was pleasaantly surprised at the job
it did. It is realtively short, unobtrusive and flexible. Anyone else
find this ham band antenna useful for scanners?

--
==
+ Dan Morisseau, N7ZXL| "I root for 2 teams - |GEnie:D.MORISSEAU +
+ Auburn, WA | The St. Louis Cardinals and | INTERNET: +
+ |whoever is playing the NY Mets!"|danm@connected.com+

1383. Info on Sigma Antennas

Newsgroup: rec.radio.scanner
Date: 1994-02-26 04:15:38 UTC
From: adam@rangr.stat.com
Message-ID: <R17Bic3w165w@rangr.stat.com>
Source record: 276744

I recently recieved a catalog from Tucker Electronics & Computers.Inside were many nice "toys" among them were a couple of antennas made for scanning by a company called SIGMA.The two models are SE1300 and SM1500.The SE1300 is a discone antenna that covers 25-1300 MHZ and comes equipped with an "N" conn. It shows the standard transmitt capabilities.The SM1500 is a fiberglass radome enclosed vertical antenna that lists a frequency range of 500 KHZ to 1500 MHZ with 144 and 440 transmit capabilities.Now for the $64000 questions,has anyone used either of these antennas? And does anyone have an address or phone number for Sigma?I would like to know as I am seriously considering either or both for my station.Thanks.

---
internet: adam@rangr.stat.com

1384. moderator help

Newsgroup: rec.radio.scanner
Date: 1994-02-26 04:50:26 UTC
From: 0005682193@mcimail.com
Message-ID: <94940225215949/0005682193NA3EM@mcimail.com>
Source record: 276745

I'm having trouble joining this group. Would its moderator kindly
reply with a complete address and instructions? Thanks.

Al Quaglieri Browsing Internet via MCI Mail
P.O. Box 888 MCI name: AQUAGLIERI
Albany, NY 12201-0888 MCI/Internet address: 0005682193@MCIMAIL.COM

1385. Re: Cordless phone freq list...

Newsgroup: rec.radio.scanner
Date: 1994-02-26 05:05:12 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2kmla8$otn@samba.oit.unc.edu>
Source record: 276820

In article <2kmca9$49f@mailhost.interaccess.com>,
MSF <msf@interaccess.com> wrote:
>One of these base frequencies is not correct. Can someone
>identify the incorrect one (it would save me some time)
>46.610
>46.630
>46.670
>46.710
>46.730
>46.770
>46.810
^^^^^^ That's the bad one.

>46.830
>46.870
>46.910
>46.930
^^^^^^ That's bad too.

Last one should be 46.970

>
>(there are 11 listed here, but only ten valid freqs(?)) any
>help would be appreciated.
>

You're Welcome!

Sherrod

--
The opinions expressed are not necessarily those of the University of
North Carolina at Chapel Hill, the Campus Office for Information
technology, or the Experimental Bulletin Board Service.
internet: laUNChpad.unc.edu or 152.2.22.80

1386. Re: How long has/will PRO-43 be on sale from Marymac?

Newsgroup: rec.radio.scanner
Date: 1994-02-26 05:14:14 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2kmlr6$5k2@umcc.umcc.umich.edu>
Source record: 276730
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Feb26.000714.1762@ringer.cs.utsa.edu>,
M Blake Schreckenbach <blake@lonestar.utsa.edu> wrote:
>I just asked for a price quote on a PRO-43 from Marymac, for which they gave m
>me a price of $259. I asked how long they would have it at that price and the
>man said that it would be until today (Friday). Should I be worried that I
>won't be able to snatch one up at that price within a couple of weeks? I would
>have jumped in my car and drove to Houston from San Antonio and bought it if I
>really thought that would be the case!

I ordered a PRO-43 for a girlfriend from Marymac about 45 minutes
before the sale ended at 5PM Central Time yesterday. Their normal price
on the 43 is $289. I asked the guy at Marymac about how many 43s they
have left. He indicated that they bought outTandy's inventory of them,
but that Tandy didn't have the 43 listed as a 'discontinued' item, so it
is entirely possible tha the factory is still cranking them out.

Before I ordered it from Marymac, I also called US Radio (also in
Texas). They had the 43 on sale for $269 until the Radio Shack PRO-43
nationwide sale ended at 5PM CST. Their price was higher, but they
included 6 rechargeable batteries with it.

Whether or not Radio SHack has another sale on the PRO-43 will
probably depend on the quanitity that they have in stock in early/mid April.

>|O| Blake Schreckenbach, | "It's a 106 miles to Chicago, we've got a full |O|

Marymac Industries -- 800/231-3680
US Radio -- 900/433-7283

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

1387. ***FOR SALE*** Uniden BC-8500 XLT

Newsgroup: rec.radio.scanner
Date: 1994-02-26 06:58:54 UTC
From: ojg@dewey.tis.inel.gov
Message-ID: <ojg.20.0006FB91@dewey.tis.inel.gov>
Source record: 276750

Posting for a friend.

1. New Uniden BC-8500 XLT Scanner. Supposed to be easy to mod for cellular frequencies. $365.00 + shipping. Call Doug McFall weekends or eves after 4:30 PM MST at (208) 524-2110 or leave me a message on the internet and I will pass it along to Doug

1388. Mod for Pro-39?

Newsgroup: rec.radio.scanner
Date: 1994-02-26 06:59:43 UTC
From: lionel@Hawaii.Edu
Message-ID: <CLtKrJ.9n1@news.Hawaii.Edu>
Source record: 276824

I've been looking locally for someone with any mods for the Pro 39 and no one knows of any. The books I've seen have the mod for the Pro 43, but the main board's diode configuration for the Pro 39 is different.
Does anyone know of any type of mod for this scanner? Anything would be much appreciated.

Lionel Shigemura
lionel@uhunix.uhcc.hawaii.edu

1389. radio shack pro 2032 $169!!!

Newsgroup: rec.radio.scanner
Date: 1994-02-26 08:04:20 UTC
From: caliban@soda.berkeley.edu
Message-ID: <caliban.762249860@soda>
Source record: 276746

wow! saw this unit on sale at the 'shack here
in san francisco (noe valley). gooooooood deal!
the guy said they are phasing the model out...

cali

1390. tones heard on police radio -- what are they?

Newsgroup: rec.radio.scanner
Date: 1994-02-26 11:56:46 UTC
From: geoffs@u.washington.edu
Message-ID: <2knddu$g69@news.u.washington.edu>
Source record: 276747

I was listening to (north) Seattle police ("F4" 460.075) at 3am when they started playing tones, about 1/2 sec long, repeating about every 5 sec. This went on (except when people were talking) for about 5 min until someone said, "You can clear the tones now." Can anyone please tell me what these were?

Curious,
Geoff

1391. Re: Buying Yupiteru MVT-7100 (from ACE Communications?)

Newsgroup: rec.radio.scanner
Date: 1994-02-26 13:24:09 UTC
From: schuster@panix.com
Message-ID: <2knihp$akq@panix2.panix.com>
Source record: 276748
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <2kk7p0$t5d@zone4.ocunix.on.ca>,
Andrew Cornwall <andrew@zone4.ocunix.on.ca> wrote:
>I saw an ad in one of the "Buyer's Guide" type magazines that came out
>last December, in which ACE Communications advertised the MVT-7100 for
>US $399. I asked them for information a couple of times (by phone and
>fax) with no reply. Then I asked for info from rec.radio.amateur.misc;
>the person who commented about ACE Communications detailed return
>hassles and said, "I won't do business with ACE."

ACE submitted a reprogrammed MVT-7100 to the FCC for certification last
year. The FCC turned down the application because they had not excluded
enough of the cellular frequencies, and the unit emitted too much RFI
(this radio is poorly shielded). ACE cannot legally sell this radio in the
US.

The MVT-7100 is a $600 radio. Are you sure the $399 price you was wasn't
for the MVT-7000?

>Unfortunately, the only other place I've heard of the MVT-7100 being
>available is Javation, who's charging UK L385, which is way out of my
>league.

See above.

>Can anyone solve my dilemma? Either saying, "I've ordered the
>MVT-7100 from ACE and it not only came in two days, but cured my
>recurring dreams about space aliens" or, "Order from XYZ Corp.,
>instead---they're selling it for $19.95 with the steak knives."
>would help me make up my incredibly indecisive mind...

Sorry, can't help.
I wouldn't deal with ACE, period.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1392. Folded quarterwave antenna

Newsgroup: rec.radio.scanner
Date: 1994-02-26 14:57:18 UTC
From: hl1@hudson8.acpub.duke.edu
Message-ID: <2kno0e$k79@news.duke.edu>
Source record: 276749

In a recently marketed FM antenna (RF Limited High Q 6500), the antenna element is descibed as a folded quarterwave that is omnidirectional laid flat and highly directional when set on its side.

I am familiar with folded dipoles. Can anyone describe this folded 1/4 wave or perhaps give a reference to read?

1393. Re: tones heard on police radio -- what are they?

Newsgroup: rec.radio.scanner
Date: 1994-02-26 15:59:34 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2knrl6$8hn@cronkite.ocis.temple.edu>
Source record: 276751

Geoffrey Silverton (geoffs@u.washington.edu) wrote:
: I was listening to (north) Seattle police ("F4" 460.075) at 3am when
: they started playing tones, about 1/2 sec long, repeating about every
: 5 sec. This went on (except when people were talking) for about 5 min
: until someone said, "You can clear the tones now." Can anyone please
: tell me what these were?

Yesterday when there was a bank robbery in my area they did the
same thing. The tones were just far enough apart for my scanner to no
not be able to scan. It held it on the channel for me. Glad they are
thinking about us scanner enthousiasts..

Maybye it holds the repeater or something,

1394. Re: Anyone have exp with Damark recons?

Newsgroup: rec.radio.scanner
Date: 1994-02-26 16:03:24 UTC
From: reda@gandalf.rutgers.edu
Message-ID: <Feb.26.11.03.24.1994.27112@gandalf.rutgers.edu>
Source record: 276752

natoli@bnlux1.bnl.gov (tony natoli) writes:

>In article <Feb.21.09.33.09.1994.25613@gandalf.rutgers.edu
>> reda@gandalf.rutgers.edu (Frank J. Reda) writes:
>>I was considering buying a reconditioned BC200XL from Damark
>>for $159. Does anyone have any experience with wither Damark
>>or other such reconditioned units?
> ----------------
>I have purchased two reconditioned scanners from them and I am
>very satisfied with each but check the Grove price first if
>you feel you would rather have a virgin unit.

>--
> ++

> | |
> _____________|_____________ _____________|____________

My thanks to all who responded. A recent call to Damark informed me that
they were "SOLD OUT" and didn't know when they'd get more. I took a deep
gulp and went to RS and bought a Pro 43 instead. Yea, I know it's a jump,
but like I told the boss (my wife), I'm worth it. :-)

FRank
--

Frank J. Reda, Assistant Director, Rutgers University Computing Services
reda@gandalf.rutgers.edu

1395. Re: Mod for Pro-39?

Newsgroup: rec.radio.scanner
Date: 1994-02-26 16:03:58 UTC
From: copeland@metronet.com
Message-ID: <CLu9yn.8J1@metronet.com>
Source record: 276753

In article <CLtKrJ.9n1@news.hawaii.edu>,
Lionel Shigemura <lionel@Hawaii.Edu> wrote:
>I've been looking locally for someone with any mods for the Pro 39 and no
>one knows of any. The books I've seen have the mod for the Pro 43, but
>the main board's diode configuration for the Pro 39 is different.
>Does anyone know of any type of mod for this scanner? Anything would
>be much appreciated.

*** Bob's Tip of the Month ***

(from Monitoring Times, January 1993, Dial 1-800-438-8155, Great Magazine!)

Realistic (R) PRO-39 Cellular Restoration (Page 107)

[with a few comments added by someone who witnessed such restoration -jqt]

The recently released PRO-39 handheld scanner from Realistic (R)
is a fine performer, but its 800 MHz range is interrupted by the
factory censoring of cellular frequency coverage. Long-time MT
supporter Larry Wiland of Youngstown, Ohio, would like to share the
simple fix. Remember, however, that it is unlawful to listen to
cellular phone calls.

(NOTE: These procedures may void your warranty. Do not attempt
them unless you are familiar with small component soldering.
Monitoring Times accepts no responsibility for damages resulting from
attempting this modification.)

TOOLS NEEDED: Fine-tipped soldering iron, desoldering wick,
small Philips screwdriver, long-nosed pliers, rosin-core solder.

(1) [Turn off your radio. Removing the batteries when the radio is ON can
erase the memory! -jqt] Remove the battery door, holder and [battery
pack] from the bottom of the radio.

(2) Remove the four screws from the back of the scanner and carefully lift
the back off.

(3) Unplug the two wiring harnesses at their connectors and remove the six
bright colored screws [that hold] the circuit board in place. Unsolder
the ground wire from the lower right corner of the circuit board.
Unsolder the two wire connections from the BNC antenna connector at the
board. Carefully lift the board (grasping it near the Molex connector)
and set it aside.

(4) Remove the two bright colored screws from the next circuit board.
Carefully unplug the two-wire connector [and remove the board, as I
recall -jqt]. Unsolder and lift the rectangular metal shield exposing

the diodes.

(5) Carefully unsolder and remove diode D6 only; this will restore the missing cellular frequencies which can be searched in appropriate 30 kHz steps.

This completes the cellular restoration. Reverse all procedures to reassemble the radio and test it by entering any frequency between 869-894 MHz. [If you are as lucky as I was, the memory will still contain your other frequencies! -jqt]

Curious about the other diodes? D4 would enable 68-88 MHz coverage, but deletes 30-54 MHz; D5 (present) allows 800 MHz band operation; and D7 would make cellular spacing 12.5 kHz (incorrect).

Thanks Larry!

1396. Re: radio shack pro 2032 $169!!!

Newsgroup: rec.radio.scanner
Date: 1994-02-26 16:05:28 UTC
From: copeland@metronet.com
Message-ID: <CLuA15.8py@metronet.com>
Source record: 276754

In article <caliban.762249860@soda>,
rocky mullin <caliban@soda.berkeley.edu> wrote:
>
> wow! saw this unit on sale at the 'shack here
> in san francisco (noe valley). gooooooood deal!
> the guy said they are phasing the model out...

Not likely, that model just came on the market a few months ago as a replacement to the PRO-2030. You may have seen a PRO-2030 at this price on closeout.

1397. Modifying CB Antenna

Newsgroup: rec.radio.scanner
Date: 1994-02-26 16:08:34 UTC
From: reda@gandalf.rutgers.edu
Message-ID: <Feb.26.11.08.34.1994.2649@gandalf.rutgers.edu>
Source record: 276755

I recently hooked my PRO-43 up to my K-40 antenna and discovered that it performed as well, if not better, than the duckie. Since it is tuned down around 27 MHz, however, it pulls in the low band exceptionally well.

Question is, can these antennas be modified to pull in the higher freqs any better. IE: Can you cut it down, or remove the load or add another load?

As you can see, I know very little about antenna design. Any suggestions will be greatly appreciated.

TIA,
FRank

--

Frank J. Reda, Assistant Director, Rutgers University Computing Services
reda@gandalf.rutgers.edu

1398. equiv to MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-02-26 16:42:03 UTC
From: klimasewski@freebe.enet.dec.com
Message-ID: <CLuBuw.292@ryn.mro.dec.com>
Source record: 276756

I heard there is a clone of the MVT-7100 that is less expensive. Can someone fill me in with any details??

thanks,
Ken

1399. Re: Buying Yupiteru MVT-7100 (from ACE Communications?)

Newsgroup: rec.radio.scanner
Date: 1994-02-26 16:48:57 UTC
From: Gabriel Evans <gevans@panix.com>
Message-ID: <2knuhp$jjf@panix.com>
Source record: 276757
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In <2kk7p0$t5d@zone4.ocunix.on.ca> andrew@zone4.ocunix.on.ca (Andrew Cornwall) writes:

>I saw an ad in one of the "Buyer's Guide" type magazines that came out
>last December, in which ACE Communications advertised the MVT-7100 for
>US $399. I asked them for information a couple of times (by phone and
>fax) with no reply. Then I asked for info from rec.radio.amateur.misc;
>the person who commented about ACE Communications detailed return
>hassles and said, "I won't do business with ACE."

I've never dealt with ACE, but I believe I have the buyer's guide you
are talking about - 'CQ Amateur Radio 1994 Equipment Buyer's Guide',
right? The ad in question is one page 63? If so, check again, it's
listed at $599.

From my recent inquiries here (thanks again to all who responded - you
know who you are:) a comparable radio in your price range is the AOR
AR1500 ($450ish)

I'm about to take the plunge and cough up for the MVT7100 from the UK
Not that I can afford it but, errm, well, er I'm English and I'll be
helping the economy, yeah that's the ticket!

Wondering if my girlfriend will buy such a feeble lie,

--
Gabe Evans
Transplanted Mancunian
gevans@panix.com

1400. Re: Antennas for Portable Scanners

Newsgroup: rec.radio.scanner
Date: 1994-02-26 17:53:13 UTC
From: rjgrocho@aud.alcatel.com
Message-ID: <2ko2a9$a8o@rdxsunhost.aud.alcatel.com>
Source record: 276758

In article 814@hebron.connected.com, danm@hebron.connected.com (Dan Morisseau) writes:

(In Part)

>PD 800 MHz trunked system. I gave ICOM FA1443B dual band (2 meter/70cm)
>that I use on my handheld a try and was pleasaantly surprised at the job
>it did. It is realtively short, unobtrusive and flexible. Anyone else
>find this ham band antenna useful for scanners? ~~~~~~~~~~~
~~~~~~
\
You Bet!

I plunked the stock antenna from my IC-24AT onto the PRO-43 and was amazed at the difference. I figured it would almost *certainly* be an improvement for the 2m/70cm bands, and indeed it was, but it does a remarkable job on almost every other band as well ... certainly better than the equipped duck. I've since purchased a "spare" Icom antenna and couldn't be happier (for portable work anyway, I still use a discone for serious listening).

RG
~~~~~~

1401. Looking for frequencies - madison, wi

Newsgroup: rec.radio.scanner
Date: 1994-02-26 18:19:25 UTC
From: jack.d.mallay@njackn.com
Message-ID: <9402261819.A6240wk@njackn.com>
Source record: 276773

Hi, Tom. Here's what I've got.

Madison PD Channel 1, Dispatch 460.050
Ch.3, Split city 460.300
ch.5, Tac,Pkg,admin 460.475
Ch 7, Tactical 460.150
Ch 8, Data 460.425
Ch.9, Tactical 460.275

1402. Re: Do YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-02-26 18:44:37 UTC
From: jwilkers@news.delphi.com
Message-ID: <2ko5al$kn@news.delphi.com>
Source record: 276759
Cross-posted to: alt.radio.scanner,rec.radio.scanner

>>

>That's when I go and get my Tropez digital cordless phone.. I know for a fact
>that average joe (without special equipment) will have an awfully hard time
>listening to my conversations! I've heard it on a scanner and it sounds like
>turning your TV to an unused UHF channel...

Wellllll.... It is reported that the Tropez transmits an _unencrypted_
signal somewhere around 450 Mhz. A design flaw has allowed this image or
harmonic to be received in the clear.
Range of this signal isn't too great, but in my opinion, _any_
unencrypted signal defeats the entire purpose of the thing. But then what
can you expect from 1st generation junk eh?

1403. Re: tones heard on police radio -- what are they?

Newsgroup: rec.radio.scanner
Date: 1994-02-26 18:49:29 UTC
From: jwilkers@news.delphi.com
Message-ID: <2ko5jp$q7@news.delphi.com>
Source record: 276760

camter28@astro.ocis.temple.edu (-=FOOBARF=-) writes:

>Geoffrey Silverton (geoffs@u.washington.edu) wrote:
>: I was listening to (north) Seattle police ("F4" 460.075) at 3am when
>: they started playing tones, about 1/2 sec long, repeating about every
>: 5 sec. This went on (except when people were talking) for about 5 min
>: until someone said, "You can clear the tones now." Can anyone please
>: tell me what these were?

> Yesterday when there was a bank robbery in my area they did the
>same thing. The tones were just far enough apart for my scanner to no
>not be able to scan. It held it on the channel for me. Glad they are
>thinking about us scanner enthousiasts..

> Maybye it holds the repeater or something,

Were these tones 5-10 seconds apart? Sounds to me like tones used in
my area sheriffs department when in an emergency.
This alerts all units on the frequency to not transmit unless they are
the ones involved in the operation. The bank robbery is a perfect
example. Only the cars involved in the robbery would be allowed to use
the channel during the tone duration. Traffic would be rerouted to a
different channel.
all they are is just a notification...

1404. Pro2005 speaker problem

Newsgroup: rec.radio.scanner
Date: 1994-02-26 19:35:55 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2ko8ar$ses@slinky.cs.nyu.edu>
Source record: 276761

Good afternoon all,
Last weekend, my Pro2005's speaker lots about 90% of it's punch. I now have
to turn the volume almost all the way up to understand what is being spoken.
However, when I feed the audio through the line level out, it's just fine.
Even the extension speaker line is just as dead.

From the sounds of it, the amp stage is dead. Is this common? Any suggestions?
Again, it's a 2005, so it's well out of warranty.

Steve
--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

1405. Re: ***FOR SALE*** Uniden BC-8500 XLT

Newsgroup: rec.radio.scanner
Date: 1994-02-26 20:21:24 UTC
From: dhughes@prairienet.org
Message-ID: <2kob04$fqa@vixen.cso.uiuc.edu>
Source record: 276762

In a previous article, ojg@dewey.tis.inel.gov (Jay C. Greenberg) says:

>Posting for a friend.
>
>1. New Uniden BC-8500 XLT Scanner. Supposed to be easy to mod for cellular
>frequencies. $365.00 + shipping. Call Doug McFall weekends or eves after
>4:30 PM MST at (208) 524-2110 or leave me a message on the internet and I will
>pass it along to Doug
>

Tell your friend his price is too high. It sells brand new for $379.
--

1406. Re: tones heard on police radio -- what are they?

Newsgroup: rec.radio.scanner
Date: 1994-02-26 20:23:32 UTC
From: surreal@u.washington.edu
Message-ID: <2kob44$ncf@news.u.washington.edu>
Source record: 276763

geoffs@u.washington.edu (Geoffrey Silverton) writes:

>I was listening to (north) Seattle police ("F4" 460.075) at 3am when
>they started playing tones, about 1/2 sec long, repeating about every
>5 sec. This went on (except when people were talking) for about 5 min
>until someone said, "You can clear the tones now." Can anyone please
>tell me what these were?

I've heard those tones myself - at various times during the day
and evening. Those tones are probably used to piss off scanner buffs......
(or perhaps techs testing equipment)

1407. PRO 2022 scanner for sale

Newsgroup: rec.radio.scanner
Date: 1994-02-26 21:19:33 UTC
From: wisznie@ecf.toronto.edu
Message-ID: <CLuoKM.Mtn@ecf.toronto.edu>
Source record: 276764

For sale Realistic PRO 2022 scanner.

Frequency coverage:

30 - 54 MHz
108 - 136 MHz
136.005 - 174 MHz
380 - 512 MHz
806 - 960 MHz

Best offer takes it.

--
o---o
| Sebastian Wiszniewski - CompEng - University of Toronto |
| Internet: wisznie@skule.ecf.toronto.edu |
o---o

1408. Buying Yupiteru Mvt-7100 (from Ace Commun

Newsgroup: rec.radio.scanner
Date: 1994-02-26 21:23:00 UTC
From: Ken.Ota@f239.n109.z1.fidonet.org
Message-ID: <527_9402262012@blkcat.fidonet.org>
Source record: 276765

When I called ACE about the Yup 7100 it was close to $600. They also told me that the version they sell has the cellular frequencies blocked. You have to buy from outside the US to get an unblocked version.

1409. New, higher power speaker

Newsgroup: rec.radio.scanner
Date: 1994-02-26 21:43:00 UTC
From: derek.buchler@channel1.com
Message-ID: <40.935.2433.0NE1784B@channel1.com>
Source record: 276766

References: <CL32LA.G9r@voder.nsc.com>

SS> I called the Radio Shack parts center (817) 870 5600 to ask for the
SS> price of a replacement speaker. I was surprised to be told by the
SS> individual that some of the Pro-43's had a 200mW speaker installed
SS> and that there was just in the last two weeks a new 500mW speaker
SS> replacement available through them for $11! The service manual is $6
SS> and delivery of all is very inexpensive ~$2. The 200mW speaker has a
SS> part number on it as #123 and the 500mW speaker has a part # 127.

Steve,

Thanks for that information. If you or anyone else actually performs
the mod, please let us know how good it turns out.

Derek
* RM 1.3 00223 * On a clear disk you can seek forever

1410. Re: latest RS scanners permanently blocked?

Newsgroup: rec.radio.scanner
Date: 1994-02-26 21:59:55 UTC
From: piran@freenet3.scri.fsu.edu
Message-ID: <2kogor$q1n@freenet3.scri.fsu.edu>
Source record: 276767
Cross-posted to: alt.radio.scanner,rec.radio.scanner

PRO-46 Can be modified for Cellular Receptions, PRO-2027 , PRO-2026
also can be modified too, as far as I know.

1411. Re: Buying Yupiteru MVT-7100 (from ACE Communications?)

Newsgroup: rec.radio.scanner
Date: 1994-02-26 22:10:23 UTC
From: dseitel@crl.com
Message-ID: <2kohcf$9gr@crl.crl.com>
Source record: 276768
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

Andrew,

I tried to order a Yupiteru MVT7100 based on the ACE Commun-
ications ad on page 11 of the November Popular Communications, shown
at $599. "Debbie" at ACE told me that they weren't in stock because
a whole container load had "disappeared in transit". After mulling
this over for a few days and becoming increasingly uneasy, I called
and cancelled the order. I have since learned that they cannot sell
that scanner legally in the US. I got mine from Javiation. In the
same issue on page 80 is another ACE ad showing both the Yupiteru
MVT8000 and MVT7000 for $399 each.

David Eitelbach
--
"The whole aim of practical politics is to keep the populace alarmed
(and hence clamorous to be led to safety) by menacing it with an
endless series of hobgoblins, all of them imaginary."
-- H. L. Mencken

1412. Re: tones heard on police radio -- what are they?

Newsgroup: rec.radio.scanner
Date: 1994-02-26 22:31:38 UTC
From: jkizer@eis.calstate.edu
Message-ID: <2koika$955@eis.calstate.edu>
Source record: 276769

More than likely those tones are what is known as Emergency Traffic (ET). In my area (San diego) the local Sherrifs office seems to use them the most. All it means is that if you are not part of the current incident which is critical, to keep you mouth shut. It also lets other officers that may not have been listening that there is something going on which may require additional cover to respond.

--

1413. Re: Tape out for all scanners.

Newsgroup: rec.radio.scanner
Date: 1994-02-26 23:04:15 UTC
From: swilkins@isle.waterloo-rdp.on.ca
Message-ID: <1994Feb26.230415.793@isle.waterloo-rdp.on.ca>
Source record: 276770

Wally Blume (af957@yfn.ysu.edu) wrote:

: I have a handheld scanner and like most it doesn't have a tape out
: jack. There are occassions when I would like to record things but trying
: to do so using the earphone jack was not a pleasant experience. First
: of all plugging into the earphone jack cuts the speaker off, so you
: can't hear what you are recording. I also tried the duplex jack where

Have you tried to hook up the output of the recording device (tape deck
I assume) to your home stereo. Most allow you to hear what you are
recording this way. Select the tape deck as an input to your reciever,
and be sure to have the recording level up to the proper spot. It should
work.

Scott Wilkins - Apprentice member International Alliance of Theatrical
Stage Employees (IATSE) Local 357 Kitchener, Ontario.

1414. Re: Cellular Ripoff (Re:call forwarding)

Newsgroup: rec.radio.scanner
Date: 1994-02-26 23:32:53 UTC
From: evidence@netcom.com
Message-ID: <evidenceCLuuqu.Jt7@netcom.com>
Source record: 276771

-=FOOBARF=- (camter28@astro.ocis.temple.edu) wrote:
: I saw some articles posted here awhile ago about call forwarding
: on a cellular phone. At least I think I saw them here.

: (A Lawsuit is in order) My carphone bill was charged 39cents per minute
: for every minute that a forwarded call was picked up. Now How can this be?
: I am getting charged airtime when there is no "air" being used!

Yes, a lawsuit is in order. But, its not because they are chargin air time for calls that don't actually use airtime. Its because they misrepresented the price of the service to you.

I saw the same posts and contacted my carrier- L.A. Cellular - who told me that call forwarding was free, but they charged air time. They gave me the same absurd story that you are using airtime, which is a bunch of crap.... So, I didn't bother doing it. Apparently, some places just charge $ .08 flat per call forwaded, which makes it worth it...

In short, you got screwed because your cellular company has morons working in their customer service department.

Call and ask for the President of the company and tell them what happened, they'll probably credit you for the calls. If not, threaten to switch to the "other" carrier in your area... I have found that Cellular companies can be very accomodating when you approach billing disputes in this manner.

--

Evidence, Inc. | The Internet Cops are watching,
Evidence@Nowhere.Nil | aren't they?

1415. 2006 How long Will it last?

Newsgroup: rec.radio.scanner
Date: 1994-02-27 00:11:57 UTC
From: tim2006@crl.com
Message-ID: <2koogd$4g6@crl2.crl.com>
Source record: 276772

I allways read about these guys getting three or four 2006 scanners cuase there going to be outlawed. My question is how long is a 2006 going to last if kept in good shape? Yes there is allways the chance of a spill or drop but all in all the scanner should last years and years....

1416. Re: Modifying CB Antenna

Newsgroup: rec.radio.scanner
Date: 1994-02-27 03:12:58 UTC
From: copeland@metronet.com
Message-ID: <CLv4xn.HzL@metronet.com>
Source record: 276774

In article <Feb.26.11.08.34.1994.2649@gandalf.rutgers.edu>,
Frank J. Reda <reda@gandalf.rutgers.edu> wrote:
>I recently hooked my PRO-43 up to my K-40 antenna and discovered that
>it performed as well, if not better, than the duckie. Since it is
>tuned down around 27 MHz, however, it pulls in the low band exceptionally
>well.
>
>Question is, can these antennas be modified to pull in the higher freqs any
>better. IE: Can you cut it down, or remove the load or add another load?
>
>As you can see, I know very little about antenna design. Any suggestions
>will be greatly appreciated.

I know little, and what I do know may be wrong, but here goes.

Length of antennae for different frequencies:

fullwave 1/2wave 1/4wave 1/8wave
frequency*light*miles -------- ------- -------

27mhz : (1/27,000,000)*186,000*5280 = 36.37' 18.18' 9.09' 4.54'
46mhz : (1/46,000,000)*186,000*5280 = 21.35' 10.67' 5.34' 2.69'
140mhz : (1/140,000,000)*186,000*5280 = 7.01' 3.50' 1.75' 0.87'
450mhz : (1/450,000,000)*186,000*5280 = 2.18' 1.09' ---- ----
800mhz : (1/800,000,000)*186,000*5280 = 1.23' 0.61' ---- ----

Of course a full wave antennae is best, if its practical.

Please, if I'm wrong here, someone correct me.

1417. Re: tones heard on police radio -- what are they?

Newsgroup: rec.radio.scanner
Date: 1994-02-27 03:23:27 UTC
From: jhanna@eis.calstate.edu
Message-ID: <2kp3nf$m9q@eis.calstate.edu>
Source record: 276675

-> More than likely those tones are what is known as Emergency Traffic
-> (ET).

Those tones are indeed sent during 10-33 (emergency) situations. 10-34
is resume normal communications. If I hear 10-333 tones, I stick to that
freq - it means something NASTY is going on.....

--

1418. Hustler Discone for $19 at Tucker Electronics!

Newsgroup: rec.radio.scanner
Date: 1994-02-27 03:32:00 UTC
From: copeland@metronet.com
Message-ID: <CLv5tC.IJt@metronet.com>
Source record: 276676

I just bought a Hustler DCX discone antennae for my pro2006. It seems to bring in more than my old whip antennae, but I can't compare it to other discones since this is my first.

Its rated at 40-999 Mhz. It has no top element, but one could probably replace the bolt in the top with hex standoff with a female top part. It has three 55" aluminum elements on the bottom and three 15" elements on the top. It comes with a PLC connector, but no cable.

It only cost $19 !!! (Tucker had a 12' cable for $7). It appears perfect for an attic installation, but I'm not sure its sturdy enough for outside installation.

I got it at Tucker Electronics (1-800-527-4642) here in Dallas,TX

They sell a wide range of scanners,radios,transmitters, antennae. New and used. They also have very nice catalogs.

1419. Re: What Base Station Scanner To Buy?

Newsgroup: rec.radio.scanner
Date: 1994-02-27 03:59:42 UTC
From: dhz@crl.com
Message-ID: <2kp5re$f1k@crl.crl.com>
Source record: 276677

Bill Vojak x4276 (v043948@stortek.com) wrote:
>A friend of mine has an older Bearcat (non-portable) scanner. With the impending "no cellular" law coming
>into effect he wants to upgrade to a 800 Mhhz unit capable of receiving cellular, or being easily modified
>to do so. He doesn't want to spend a fortune however. So my question is, what are the top 2-3 mid-priced
>base station scanners be that meet these requirements?

is this a loaded question or what? you could get as many answers and
arguments as there are people in the news group. but for what it's worth
(not much i know ;}) i would suggest the pro 2006. i don't know for sure
if they can still be mod'd for cell or not. someone else may be able to answer.
for the price it's great.
--
JIM SHRYNE |\\ || //==\\ ===\\ || || ====//
ARS N6DHZ ||\\ || || || || ||=|| //
COMPUSERVE 70621,247 || \\|| ||==\\ || || || || //
E-MAIL dhz@crl.com || \\| \\==|| ===// || || //====

1420. Pro2022 Mod -Here it is!!!

Newsgroup: rec.radio.scanner
Date: 1994-02-27 04:03:53 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2kp639$l1b@cronkite.ocis.temple.edu>
Source record: 276678

From: rats@ihlpm.UUCP
Newsgroups: rec.radio.shortwave
Subject: Realistic PRO-2022 Cellular Restoration
Message-ID: <9109301350.AA24169@ucbvax.Berkeley.EDU>
Date: 30 Sep 91 13:50:04 GMT
Sender: daemon@ucbvax.BERKELEY.EDU
Lines: 49

Cellular Restoration on the Realistic PRO-2022

The Realistic PRO-2022 certainly is a look-alike for the all-time popular, but now-discontinued, PRO-2005. But is the similarity only cosmetic? What tricks can be done to increase the utility of the lower-cost 2022, now availible from Radio Shack and Grove Enterprises? Of the greatest interest, can cellular phone coverage, censored at the factory, be restored? Yes.

After removing the two upper back screws and the top lid, locate the black cable just behind the front panel. Adjacent to the cable are four diodes locations: D42, D43, D44 and D45.

D42 is not present; installed, it adds the 68-88 MHz European mid band (which includes the US 76-82 MHz mid band), removing the US 30-54 MHz low band. Even if a switch were installed to allow the diode to be selected, additional components and realignment are necessary for that higher frequency coverage. Don't do it!

D43 is present, allowing the 800 MHz band to be received; the diode may be deleted so that the same microprocessor may be used in scanner modles which don't have that 800 MHz capability. Don't touch it!

D44 is present, deleting the cellular mobile and base frequencies. If one lead is cut, total 806-960 frequency is restored, including 30 kHz steps in the cellular band. Keep in mind, however, that mobile telephone eavesdropping is prohibited by the Electronic Communications Privacy Act!

This modification may void your warrenty; it is best to cut the lead carefully, gently separating the gap slightly so that it may be resoldered in case the radio needs warrenty repair later.

D45 is not present; installed, it makes the cellular 30 kHz increments change to 12.5 kHz. A small SPST switch

connected in series with one lead of a 1N914 or 1N4148
could allow selection of the 25 kHz step interval in
those areas which utilize that channel spacing.

To do this, it is necessary to unsolder a shield under the circuit
board which covers the solder pads for the diodes. Such a modification
should only be attempted by someone familiar with electronic circuitry.

[Excerpted from Monitoring Times, June 1990, page 89.]

Also, the Mod for scan speed is done by the following..
Take a look inside the top cover, and on the side of the board toward
the front of the scanner on the right, there is a little blue square chip
that has 3 pins on it. That is your crystal that oscillates at around
2 mhz. If you take that one out, and get a crystal that runs NO
HIGHER THAN 7MHZ, (5 being the highest reccomended) and put the new
one it, voila! you get like 30chan per sec scan speed.
The new crystal should be rated for microprocessor use, or similiar,
and don't worry, the new one will only have two pins on it, compared
to the one that you are taking out, which is 3 pins.
The only thing you have to worry about now, is your scan delay.
If you are interested in building a longer scan delay, get the
scanner modification handbooks by bill cheek, it tells all about them.

1421. Pro2022 Mod -Here it is!!!

Newsgroup: rec.radio.scanner
Date: 1994-02-27 04:06:40 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2kp68g$l1b@cronkite.ocis.temple.edu>
Source record: 276679

From: rats@ihlpm.UUCP
Newsgroups: rec.radio.shortwave
Subject: Realistic PRO-2022 Cellular Restoration
Message-ID: <9109301350.AA24169@ucbvax.Berkeley.EDU>
Date: 30 Sep 91 13:50:04 GMT
Sender: daemon@ucbvax.BERKELEY.EDU
Lines: 49

Cellular Restoration on the Realistic PRO-2022

The Realistic PRO-2022 certainly is a look-alike for the all-time popular, but now-discontinued, PRO-2005. But is the similarity only cosmetic? What tricks can be done to increase the utility of the lower-cost 2022, now availible from Radio Shack and Grove Enterprises? Of the greatest interest, can cellular phone coverage, censored at the factory, be restored? Yes.

After removing the two upper back screws and the top lid, locate the black cable just behind the front panel. Adjacent to the cable are four diodes locations: D42, D43, D44 and D45.

D42 is not present; installed, it adds the 68-88 MHz European mid band (which includes the US 76-82 MHz mid band), removing the US 30-54 MHz low band. Even if a switch were installed to allow the diode to be selected, additional components and realignment are necessary for that higher frequency coverage. Don't do it!

D43 is present, allowing the 800 MHz band to be received; the diode may be deleted so that the same microprocessor may be used in scanner modles which don't have that 800 MHz capability. Don't touch it!

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This modification may void your warrenty; it is best to cut the lead carefully, gently separating the gap slightly so that it may be resoldered in case the radio needs warrenty repair later.

D45 is not present; installed, it makes the cellular 30 kHz increments change to 12.5 kHz. A small SPST switch

connected in series with one lead of a 1N914 or 1N4148
could allow selection of the 25 kHz step interval in
those areas which utilize that channel spacing.

To do this, it is necessary to unsolder a shield under the circuit
board which covers the solder pads for the diodes. Such a modification
should only be attempted by someone familiar with electronic circuitry.

[Excerpted from Monitoring Times, June 1990, page 89.]

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Take a look inside the top cover, and on the side of the board toward
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that has 3 pins on it. That is your crystal that oscillates at around
2 mhz. If you take that one out, and get a crystal that runs NO
HIGHER THAN 7MHZ, (5 being the highest reccomended) and put the new
one it, voila! you get like 30chan per sec scan speed.
The new crystal should be rated for microprocessor use, or similiar,
and don't worry, the new one will only have two pins on it, compared
to the one that you are taking out, which is 3 pins.
The only thing you have to worry about now, is your scan delay.
If you are interested in building a longer scan delay, get the
scanner modification handbooks by bill cheek, it tells all about them.

sorry about all the control m's I hope it posts ok

1422. Re: pro-43 cardiac arrest

Newsgroup: rec.radio.scanner
Date: 1994-02-27 04:25:34 UTC
From: ggall@netlink.nix.com
Message-ID: <B62Dic1w165w@netlink.nix.com>
Source record: 276680
Cross-posted to: rec.radio.scanner,alt.radio.scanner

bodoh@dgg.cr.usgs.gov (Tom Bodoh) writes:

> In article <1994Feb23.041525.1395@ultb.isc.rit.edu>, dwt8413@ritvax.isc.rit.e
> |> In article <ah301-220294130912@sy_j.pgh.wec.com>, ah301@yfn.ysu.edu (Jerry
> |> >yesterday as I was driving up the macdonalds driver thru, I turned on
> |> >my pro-43 and was enabling/disabling banks to monitor the wireless mikes,
> |> >all of a sudden, the scanner froze (no scanning), I turned it off and
> |> >turned it back on again, nothing no display. I took the batteries out,
> |> >put it back in again, still no display.
> |> >
> |> >so I did the reset, and everything was back to normal (everything except
> |> >the 200 channels that I programmed). I was trying to recreate what
> |> >I did but could not.
> |> >
> |> >has anybody here experienced this ? btw, I had the priority scan turned
> |> >on when that happened.
> |> >
> |> >jerry
> |>
> |> You'll find strange phenomenon such as this with just about anything bough
> |> Radio Shack. Generally RS sells other company's equipment after models hav
> |> been discontinued or replaced with better models.
>
> Not in the case of the PRO-43 - GRE does not market scanners. The problem
> may have to do with a glitch in the PRO43 microcode which under the right
> conditions, allows you to lock out all channels. When this happens, all
> you can do is reset.
>
> --
> ++
> + Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT
> + USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
> + Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
> + "Welcome back my friends to the show that never ends!" EL&P +
> ++

Tom-
What the hell are you babbling about?????
?

--
INTERNET: ggall@netlink.nix.com (George Gall)
UUCP: ...!ryptyde!netlink!ggall
Network Information eXchange * Public Access in San Diego, CA (619) 453-1115

1423. Re: Tape out for all scanners.

Newsgroup: rec.radio.scanner
Date: 1994-02-27 04:32:54 UTC
From: af957@yfn.ysu.edu
Message-ID: <2kp7pm$cbf@news.ysu.edu>
Source record: 276681

In a previous article, swilkins@isle.waterloo-rdp.on.ca (Scott Wilkins) says:

>Wally Blume (af957@yfn.ysu.edu) wrote:
>
>: I have a handheld scanner and like most it doesn't have a tape out
>: jack. There are occassions when I would like to record things but trying
>: to do so using the earphone jack was not a pleasant experience. First
>: of all plugging into the earphone jack cuts the speaker off, so you
>: can't hear what you are recording. I also tried the duplex jack where
>
>Have you tried to hook up the output of the recording device (tape deck
>I assume) to your home stereo. Most allow you to hear what you are
>recording this way. Select the tape deck as an input to your reciever,
>and be sure to have the recording level up to the proper spot. It should
>work.
>
>Scott Wilkins - Apprentice member International Alliance of Theatrical
> Stage Employees (IATSE) Local 357 Kitchener, Ontario.
>
I did this and it worked really well, unfortunately the stereo
is on the opposite side of the room from my listening post. :(
--
Wally... a.k.a. af957@yfn.ysu.edu
Short Wave Listeners know what knobs to turn!

1424. freq. not covered?

Newsgroup: rec.radio.scanner
Date: 1994-02-27 06:13:25 UTC
From: hamel@muug.mb.ca
Message-ID: <1994Feb27.061325.12458@muug.mb.ca>
Source record: 276682

54-108 MHz
136.975-137 MHz
174-380 MHz
512-806 MHz
823.9375-851 MHz

I'm curious as to what i might be missing. (aside from my mind)

Please post.. tks...

1425. freq. missing

Newsgroup: rec.radio.scanner
Date: 1994-02-27 06:24:55 UTC
From: hamel@muug.mb.ca
Message-ID: <1994Feb27.062455.12612@muug.mb.ca>
Source record: 276683

please post if ya know.

1426. Re: 2006 How long Will it last?

Newsgroup: rec.radio.scanner
Date: 1994-02-27 07:16:56 UTC
From: copeland@metronet.com
Message-ID: <CLvG88.41H@metronet.com>
Source record: 276684

In article <2koogd$4g6@crl2.crl.com>, Timothy Lynch <tim2006@crl.com> wrote:
>I allways read about these guys getting three or four 2006 scanners cuase
>there going to be outlawed. My question is how long is a 2006 going to
>last if kept in good shape? Yes there is allways the chance of a spill or
>drop but all in all the scanner should last years and years....

IC's normally last at least 20 years before oxidizing and going bad. I imagine
getting new rubber keypads would be the worst problem.

1427. Re: Tape out for all scanners.

Newsgroup: rec.radio.scanner
Date: 1994-02-27 11:19:41 UTC
From: vhealey@crl.com
Message-ID: <2kpvkd$n8@crl2.crl.com>
Source record: 276685

I want to thank the fellow who suggested using a telephone pickup coil attached to a scanner to activate a vor. I tried it with the Pro 43 and it works like a charm using a Sony Vor. A problem with using the audio out headphone line is that a vor will activate just on the poping from the internal operation of the scanner. Even placement of the pickup is some what critical. Too close to the lcd display and it will pickup electrical noise from the display refresh line.
As a matter of fact while moving the pickup around in space I was able to watch the led on the Sony recorder and spot just where noise was present when there was no signal. I settled for the back of the radio just below the area of the belt clip. Turning the volumn up slighlty gives just enough electrcal field so that the audio is passed to the vor when there is a signal.

While I was at it I used the little pickup to test for electrical noise from a variety of sources. The 486dx generated a fair amount at about 4 inchs, various clocks, monitors, answering machine etc all where somewhat noisy as I had allways known. The suprising thing was that the noise was somewhat directional more in certain quadrents then in otheres.

Vic Healey Ki4je
vhealey@crl.com

1428. <None>

Newsgroup: rec.radio.scanner
Date: 1994-02-27 15:00:56 UTC
From: x93richards5@wmich.edu
Message-ID: <1994Feb27.100056.15267@wmichgw>
Source record: 276686

In article <2knrl6$8hn@cronkite.ocis.temple.edu>, camter28@astro.ocis.temple.edu (-=FOOBARF=-) writes:
> Geoffrey Silverton (geoffs@u.washington.edu) wrote:
> : I was listening to (north) Seattle police ("F4" 460.075) at 3am when
> : they started playing tones, about 1/2 sec long, repeating about every
> : 5 sec. This went on (except when people were talking) for about 5 min
> : until someone said, "You can clear the tones now." Can anyone please
> : tell me what these were?
>
> Yesterday when there was a bank robbery in my area they did the
> same thing. The tones were just far enough apart for my scanner to no
> not be able to scan. It held it on the channel for me. Glad they are
> thinking about us scanner enthousiasts..
>
> Maybye it holds the repeater or something,
>

Welcome to the new motorial anti scan device. You can defeat this
puppy with a easy to build decoder if you have a rs scanner.

Email richardsjj@oa.frc.com

1429. Re: Antenna Problems with 8500XLT.

Newsgroup: rec.radio.scanner
Date: 1994-02-27 15:20:21 UTC
From: JMALLORY@ami12.UUCP
Message-ID: <JMALLORY.02t9@ami12.UUCP>
Source record: 276688
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.scanner

In article <1994Feb25.045327.4893@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>Personally, I would replace the junky Radio Shack coax with some decent stuff.

>
>If you are going to check for shorts, you will have to disconnect the coax
>at the radio and the antenna - primarily the antenna. You will get either
>a very low or dc short reading - which is normal.
>
>Does it still work ok on the 800XLT? If so, then I suspect there is a problem
>with your new radio.
>
>Bill

Replaced the cable with RG-8. Still works great with the 800XLT. Still seems to overload the 8500XLT. If I hold the cable physically close to the 8500 (but not connected) I get great reception. If I try to physically connect it, I got distortion. Seems to me I am getting too much signal. Does anyone know where I can get a attenuator (or does anyone even think it will work. Has anyone tried the Scanner Filter from Groove? I don't think it's the radio because it works great with the antenna that came with it. I just think it is getting too much signal.--

Jim Mallory ami12!jmallory@sycom.mi.org
Alternate E-Mail Address 75230.3720@compserve.com
Compuseve Address 75230,3720

"I wasn't asleep at the switch, I was drunk!" -- Homer Simpson

1430. Re: equiv to MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-02-27 16:17:39 UTC
From: Kueppers@uni-bonn.de
Message-ID: <16F6AE52AS85.UPP200@ibm.rhrz.uni-bonn.de>
Source record: 276687

In article <CLuBuw.292@ryn.mro.dec.com>
klimasewski@freebe.enet.dec.com (My name is...) writes:

>I heard there is a clone of the MVT-7100 that is less expensive. Can someone
>fill me in with any details??
>
>thanks,
>Ken

Well, there's a German company STABO and I bought one of their scanners
XR100 they call it, for DM 950,- at a local electronics store. From what I
have seen of the MVT7100 on a leaflet, mine looks exactly the same. The specs
are the same and it even came with batteries installed that had the
YUPITERU brand name on it. The frequency range has no gaps, and it doesn't
seem to be modified in any way. The specs correspond in every way to those
I have found for the MVT7100 in a review I got by ftp from funet.fi.
The scanner came with a stamp and an accompanying document by the German
Office for Telecommunications saying that the object complies with the German
regulations for broadcast receivers.
Of course, the price isn't that much more attractive than those already
cited by others.

Guido

1431. Re: Radio Shack Pro-51

Newsgroup: rec.radio.scanner
Date: 1994-02-27 17:37:02 UTC
From: alberg@hudlink.hoboken.nj.us
Message-ID: <+oNctAhPBh107h@hudlink.hoboken.nj.us>
Source record: 276689

I am yet another ne Pro-51 owner - I really like the unit - it is very
small and reception seems to be good.

Al

--
==
Al Berg | alberg@netlan.jpr.com | When cryptography is illegal, only
| alberg@hudlink.hoboken.nj.us | criminals will XF4gjwWq#vbdDGh#*!
==

1432. re: Where to buy battery pack for BC 100xlt?

Newsgroup: rec.radio.scanner
Date: 1994-02-27 18:41:11 UTC
From: herzstein@lmsc.lockheed.com
Message-ID: <CLwBwo.MGw@butch.lmsc.lockheed.com>
Source record: 276690

In article <2kl1ng$ql0@samba.oit.unc.edu> Mack.Goodman@launchpad.unc.edu (mack Goodman) writes:
>I may need to buy a new battery pack for my old
>BC100xlt.
>Where is the cheapest place? Any ideas?
>Mack

Mack,
I recently purchased a new battery pack for my 100xlt (BTW - same battery as 200xlt) at Quement Electronics in San Jose (California) for $35 (maybe $40?). I suppose a well equiped electronics store (not RS .. $60 at RS!) in your area might have some.

Another, less expensive, option is to replace the individual cells in the battery. While I haven't done this with my scanner (I need a second battery), I have done it with my camcorder battery and a rechargeable flashlight.
**
I have't actually done this with the 100xlt battery and I am assuming construction similar to other NiCad batteries.
**
1) Open the battery (don't fret breaking it, you have nothing to lose) and note the configuration and size of the NiCad cells.
2) *Now* you may go to Radio Shack (or other electronics store) and purchase cells of similar size. The 100xlt has "slow" charge cells, don't purchase quick charge cells.
3) Un-solder the old cells and the little "thingie" (probably a themo-device) between the cells.
4) Solder the new cells in *exactly* the same orientation as the old cells, including the little "thingie".
5) Give the new battery a good 14 hour charge before using.

-Dave

1433. Re: Cordless phone freq list...

Newsgroup: rec.radio.scanner
Date: 1994-02-27 19:12:41 UTC
From: ml7923@endive.albany.edu
Message-ID: <1994Feb27.191241.1542@sarah.albany.edu>
Source record: 276691

In article <2kmla8$otn@samba.oit.unc.edu> Sherrod.Munday@launchpad.unc.edu (Sherrod Munday) writes:
>In article <2kmca9$49f@mailhost.interaccess.com>,
>MSF <msf@interaccess.com> wrote:
>>One of these base frequencies is not correct. Can someone
>>identify the incorrect one (it would save me some time)
>>46.610
>>46.630
>>46.670
>>46.710
>>46.730
>>46.770
>>46.810
> ^^^^^^ That's the bad one.
>
>
>>46.830
>>46.870
>>46.910
>>46.930
> ^^^^^^ That's bad too.
>
>Last one should be 46.970
>
Almost there. :) Gotta replace the 46.91, not the 46.93, with 46.97.

mike [=

1434. disney freqs please!!

Newsgroup: rec.radio.scanner
Date: 1994-02-27 21:11:00 UTC
From: zlew14@NAP.AMOCO.COM
Message-ID: <1994Feb27.151100.13748@amoco.com>
Source record: 276692

Does anyone have a current listing for Disney/Epcot/MGM/Universal in Florida??
I have a listing which looks like it's about 2 years old and I had heard they
were putting up a 800 or 900 mhz trunking system. Email replies are appreciated
Thanks for any info anyone can offer.
Larry
==========
Larry Wall Amoco Chemical Co. Email: LEWALL@AMOCO.COM
VAX System Manager Voice: 708.420.4487 CIS: 70534,2301
Technical Support Services X.400: C=US A=ATTMAIL P=AMOCO S=Wall G=Lawrence I=E
All Opinions expressed are my own!!!
"AVAST, YE SCURVY CORPORATE SWABS!! PREPARE TO BE BOARDED" --- Bloom County
==========

1435. If I DON'T listen to cellular...

Newsgroup: rec.radio.scanner
Date: 1994-02-27 21:19:48 UTC
From: pthompson@walnut.prs.k12.nj.us
Message-ID: <1994Feb27.171948.695606@walnut.prs.k12.nj.us>
Source record: 276693

>And the new FBI wiretap bill is going to criminal *cordless phone*
>listening as well as a bunch of other new segments.

I keep reading about the great impending lockout of various frequencies from scanner users in April- my question is, what else am I going to miss if I don't really care to listen to cellular or cordless phones? Will the blocked ranges include business/public safety frequencies of any sort?

I missed what the exact ranges to be blocked are: does anyone have a list available?

==========
Peter C. Thompson Phone: 609-683-4480
District Technical Coordinator Fax: 609-683-8622
Princeton Regional Schools pct@walnut.prs.k12.nj.us

1436. freq to monitor Clinton & Majors in Pgh

Newsgroup: rec.radio.scanner
Date: 1994-02-27 23:57:58 UTC
From: ah301@yfn.ysu.edu
Message-ID: <ah301-270294200441@129.228.248.117>
Source record: 276694
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Pres Clinton and PM Majors will be in Pittsburgh tomorrow,
anybody knows what frequency I should monitor ?

please email responses if possible
thanks in advance
jerry N3RKD

1437. Re: ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-02-28 00:08:17 UTC
From: schuster@panix.com
Message-ID: <2krclh$i27@panix2.panix.com>
Source record: 276695

In article <213427Z27021994@anon.penet.fi>, <an62489@anon.penet.fi> wrote:
>
>
>
> Has anyone out there used the ICOM R1? Would you recommend it? I'm
> thinking of buying one before they're made illegal.

I would recommend it only in you need a scanner which must be small and pocketable. It has too many performance compromises to be satisfying as a primary rig.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1438. Re: If I DON'T listen to cellular...

Newsgroup: rec.radio.scanner
Date: 1994-02-28 00:47:05 UTC
From: grady@netcom.com
Message-ID: <gradyCLwsuI.H0o@netcom.com>
Source record: 276696

Peter Thompson (pthompson@walnut.prs.k12.nj.us) wrote:
: >And the new FBI wiretap bill is going to criminal *cordless phone*
: >listening as well as a bunch of other new segments.

: I keep reading about the great impending lockout of various frequencies
: from scanner users in April- my question is, what else am I going to miss
: if I don't really care to listen to cellular or cordless phones? Will the
: blocked ranges include business/public safety frequencies of any sort?

: I missed what the exact ranges to be blocked are: does anyone have a list
: available?

The trouble is it is hard to (1) know what bills will actually be passed into
law and (2) how that translates intoa directive for the fcc to change the
type approval process to force scanners to obey congressional mandates.

Even after April there will be cell capable scanners around for a while,
they still can be sold just not imported or manufactured. In a few
years they may keep up their resale value though.

--
Grady Ward | compiler of Moby lexicons: | finger grady@netcom.com
+1 707 826 7715 | Words, Hyphenator, Part-of-Speech | for more information
(voice/24hr FAX) | Pronunciator, Thesaurus | 15 E2 AD D3 D1 C6 F3 FC
grady@netcom.com | and Language; all royalty-free | 58 AC F7 3D 4F 01 1E 2F

1439. Re: If I DON'T listen to cellular...

Newsgroup: rec.radio.scanner
Date: 1994-02-28 01:12:44 UTC
From: vhealey@crl.com
Message-ID: <2krgec$26m@crl2.crl.com>
Source record: 276697

Public saftey in the Atlanta metro area often makes use of
celluar phones for 'confidential' communications. You ain't going to hear
these if you can pop up to that area when they do.
Our public servants aren't dummies (well most aren't) and they
know most people (ie bad guys) will not be able to monitor them discussing
a upcoming bust etc on the celluar telephone system. I spoke to several
GBI agents after an abortive bust and advised them that their comm on vhf
was wasily copied by me just a few blocks away while I worked with the
computer. They said they knew that they could be copied but that the scuss
balls they were after were too dumb to be tipped off in advance. They
indicated that for the really dangerous stuff they used a state cellular
phone account to talk to one another.
Incidently when I 'dropped' by where they were gasing up to speak
to them they where all driving Mustang's with Fla plates and they looked
like the scum of the earth, really rough! I examined them for several
minutes before I was sure I had the right guys and you sould have seen
their faces!!!!! Ha HA

Vic Healey Ki4je and scanner enthusist!
vhealey@crl.com

1440. Re: disney freqs please!!

Newsgroup: rec.radio.scanner
Date: 1994-02-28 01:25:06 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb27.202506.1@uoft02.utoledo.edu>
Source record: 276698
Cross-posted to: rec.radio.scanner,alt.radio.scanner
Body handling: HTML body converted to readable text

zlew14@NAP.AMOCO.COM (LEWALL@AMOCO.COM) writes:
> Does anyone have a current listing for Disney/Epcot/MGM/Universal in Florida??
> I have a listing which looks like it's about 2 years old and I had heard they
> were putting up a 800 or 900 mhz trunking system. Email replies are appreciated
> Thanks for any info anyone can offer.
> Larry

Here is a collection that I've compiled from alt/rec.radio.scanner.

Also, one of the Monitoring Times columnists took his scanner to Disneyworld.
He wrote an article about it, and I think included some freqs for it. I think
the issue is less than 6 mos. old. Maybe someone on the group knows which
issue it is. One other thing: The columnist reported that the Disney Gestapo
prohibits scanners and the such in the park. Bleh.

From: svec@rtsg.mot.com (Larry Svec)
Date: Tue, 25 Aug 1992 17:25:21 GMT

Stuff in "<<<" ">>>" are my own personal comments.

|Subject: Disney Frequencies Galore
|
|OK, for all of you guys that can't put your radio down when you go on
|vacation - The (un)official list of Walt Disney World Frequencies.
|(I'll give you a hint... I work at the Magic Kingdom, so this is about
|as official as it gets.) All of these frequencies are confirmed; They
|were obtained from WDW Radio/Audio Central and traffic has been heard on
|each frequency.
|
|Anything with a * indicates simplex and probably very low power. (The
|radios we use at 20,000 leagues are only 1 watt for operators and 4
|watts for leads) If you don't hear anything, don't yell at me about it,
|you just aren't patient enough!
|
|151.895 20,000 Leagues Under the Sea *
|452.650 Cash Control (Wells Fargo Trucks) *
|463.975 Custodial Base (EC and MK)
|469.3375 E - Stops (Attractions) *
|148.100 E-Stop Great Movie Ride *
|462.550 Entertainment 1 (Characters)
|461.300 Entertainment 2 (Parade Dispatch/Traffic
<<>>
|464.9375 Entertainment 3 *
|464.500 Entertainment 4 (Special)

|453.825 Fire Channel 1 (Reedy Creek Fire Rescue) <<>>
|463.750 Hailing (Disney - MGM Studios)
|464.125 Hailing (EPCOT Center)
|464.400 Hailing (Magic Kingdom)
|154.47875 Light Barges (Electrical Water Pageant) *
<<>>
<<>>
|462.675 Maintenance 1 (EPCOT Center)
|464.625 Maintenance 2 (Magic Kingdom)
|464.800 Maintenance 3 (Disney - MGM Studios)
|462.650 Operations 1 (EPCOT Center)
|462.575 Operations 2 (Monorails) <<>>
|462.625 Operations 3 (Magic Kingdom)
|461.600 Operations 5 (Disney - MGM Studios)
|464.600 Operations Simplex * <<>>
|157.740 Pagers (no input)
|462.775 Pagers (no input)
|462.850 Pagers (no input)
|464.0625 People Finder *
|468.8125 Point of Sale Systems *
|462.475 Reedy Creek Energy Services
|464.200 Resorts 1
|461.700 S.T.E.P. (Fireworks) <<>>
|151.655 Space Mountain/Riverboats/Studio Trams *
|451.500 VUT
|461.3375 Warehouses 1 *
|461.9125 Warehouses 2 *
|
|Also, Disney is steadily moving a lot of stuff to a 12 channel trunked system
|in the 800's. Currently, Security, Resorts, and Watercraft (plus some V.I.P's)
|use the system. I've seen the charts, and most of the traffic will move there
|within the next few years. Also, Disney should be setting up a 900's trunked
|system also. So, many of the non-theme park frequencies may be moving there.

<<>>

Enjoy...

--
Larry Svec - KD9OF

From: garylee@skybridge.SCL.CWRU.Edu (Gary Lee)
Date: Wed, 26 Aug 92 22:29:21 GMT

In addition to the Freq. posted, here are a few a friend gave me.

855.7875 WDW PHONE
856.9125 "
858.8125 WDW PARK
852.2375 REEDY CREEK EMS
852.7375 REEDY CREEK FIRE
853.7125 "

852.3625 "
853.4625 "
854.3375 REEDY CREEK FIRE PHONE OPTION
851.3125 SECURITY
855.1875 "
855.6875 "
855.8875 "
858.8125 "
859.7875 "
857.7875 WDW CONSTRUCTION

Some of these are 'trunked' and the 'control' freq. changes every day, so you'll need to lock out the culprit and unlock the previous days control channel.

R
g

--
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1441. Re: Cellular Calls in 900-915 range??

Newsgroup: rec.radio.scanner
Date: 1994-02-28 01:38:53 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb27.203853.1@uoft02.utoledo.edu>
Source record: 276699
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> : PS
> : The radio shack PRO-2006 doesn't have this problem.
>
> Hm, are you sure about this? Isn't it also a double-conversion receiver?
>
> I know the PRO-43 is triple conversion, and is far less likely to have such
> problems.
>
> Bill

The 2006 is a triple conversion unit, with similiar, if not identical IFs.
Don't have the tech specs in front me for an exact IF comparison.

The only image i've noticed on the 2006, is a TV transmitter's audio at
880.260Mhz here. That's in stark contrast to a Uniden made PRO-2026 and 800XLT
that I've owned. Images galore.

73s

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1442. Re: dREGISTER YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-02-28 03:27:48 UTC
From: djnorman@isle.waterloo-rdp.on.ca
Message-ID: <1994Feb28.032748.4006@isle.waterloo-rdp.on.ca>
Source record: 276700

157ochs@gw.wmich.edu wrote:
: >>What is the McDonalds Freq??? I want a Big Mac, Large fries and an Apple Pie!!
: >
: > Somewhere around 30mhz. Try scanning 25-40mhz.
: >

: At least around here, Mc Donald's is 154.595 mhz.

In southern Ontario.. most of them are at 30.8500 mkz (and some Burger Kings
are at 30.4500)

1443. BC100XLT vs PRO-46

Newsgroup: rec.radio.scanner
Date: 1994-02-28 03:52:28 UTC
From: m_roberg@oz.plymouth.edu
Message-ID: <1994Feb28.035228.22711@oz.plymouth.edu>
Source record: 276701

I'm looking to upgrade from a 10 channel portable scanner(PRO-42) to a 100 channel portable and was wondering whether people preferred the PRO-46 or the BC100XLT. Which one is better quality overall, and also which one has better quality reception capabilities?

The BC100XLT is available for 159.99 from Scanner World as opposed to the PRO-46 which lists at 229.99, so I'd rather get the BC100XLT as long as it is pretty much the same as the PRO-46. I am not really interested in the lack of 800 frequency since I'll be using it in rural New Hampshire and it hasn't progressed this far yet.

Thanks,

Matt

e-mail: m_roberg@oz.plymouth.edu

1444. BC200XLT for sale

Newsgroup: rec.radio.scanner
Date: 1994-02-28 05:21:20 UTC
From: aharris@rock.concert.net
Message-ID: <2krv0g$ia1@inxs.concert.net>
Source record: 276702

Hello,

I'm selling my Uniden BC200XLT scanner for $175 firm plus s/h (or
you can pick it up in Chaple Hill). This scanner has 200 memory
locations and recieves police, fire, etc., cellular and cordless phone
transmissions. The scanner is in excellent condition and comes with
a power supply/charger and a manual. I also have a mobile and an
outdoor scanner antenia for sale as well.

Austin

932-3347
aharris@rock.concert.net

1445. Re: ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-02-28 05:41:11 UTC
From: dseitel@crl.com
Message-ID: <2ks05n$6bs@crl.crl.com>
Source record: 276703

Michael Schuster (schuster@panix.com) wrote:
: In article <213427Z27021994@anon.penet.fi>, <an62489@anon.penet.fi> wrote:
: >
: >
: >
: > Has anyone out there used the ICOM R1? Would you recommend it? I'm
: > thinking of buying one before they're made illegal.

: I would recommend it only in you need a scanner which must be small and
: pocketable. It has too many performance compromises to be satisfying as a
: primary rig.

I have one and I would echo Mr Schuster's comments. It is the only
scanner I have that I probably would not buy again, despite its neat
appearance and the intriguing idea of such a compact receiver.

David Eitelbach
--
"The whole aim of practical politics is to keep the populace alarmed
(and hence clamorous to be led to safety) by menacing it with an
endless series of hobgoblins, all of them imaginary."
-- H. L. Mencken

1446. Scanner Realted FTP site?

Newsgroup: rec.radio.scanner
Date: 1994-02-28 06:31:15 UTC
From: ad178@FreeNet.Carleton.CA
Message-ID: <CLx8s4.FC@freenet.carleton.ca>
Source record: 276704

Any decent scanner related FTP sites anyone can give me?
Any info would be apreciated...thanks much.

--
Life's to short to worry... :)

1447. FTP address for World

Newsgroup: rec.radio.scanner
Date: 1994-02-28 14:16:49 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCLxuC1.89G@netcom.com>
Source record: 276705
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

This is a reminder for everyone that World (world.std.com) has changed
their FTP address.

The new anonymous FTP address is: ftp.std.com (192.74.137.7)

This address is said to permit unlimited anonymous FTP connections.

Scott

--
```
==========================================================================
| Scott Ehrlich Internet: wy1z@neu.edu BITNET: wy1z@NUHUB |
| Amateur Radio: wy1z AX.25: wy1z@k1ugm.ma.usa.na |
|------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - ftp.std.com pub/hamradio |
==========================================================================
```

1448. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-02-28 14:26:04 UTC
From: parnass@ih4gp.att.com
Message-ID: <CLxurt.4q1@cbnewse.cb.att.com>
Source record: 276706
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: February 28, 1994 |

Introduction to Scanning
by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, where to get it repaired if required, how | to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors | deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves between 49.67 and 49.99 MHz by their sensitive | baby monitor intercom. *

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. Change is in the wind -- it will soon be illegal for companies to sell scanners which cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have recently enacted laws against | listening to cordless phones, but it's currently legal to | listen in most states. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend AOR brand scanners.

Programmable (synthesized) units have replaced crystal con- | trolled models as they don't require crystals and usually | have a keypad that permits you to store frequencies into | channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you

get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners | almost always provide more audio than portables, and port- | ables are usually more prone to interference when connected | to outdoor antennas than base models. But when severe | weather knocks out the power in your home, there's nothing | like having a battery operated scanner to monitor the power | utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band unless you live in a very rural area where this band is not used. Usage of the 800 MHz band is growing by leaps and bounds.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to most scanner owners.

Currently, the more popular scanners include the Uniden/Bearcat 760XLT (a/k/a 950XLT) and Radio Shack PRO-2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT) and Radio Shack PRO-43 portables. |

Scanner Antennas |

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and

ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be somewhat more prone to lightning strikes because they are not at "DC ground."

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Service Merchandise and Circuit City sell scanners, but carry just a few models. Department stores, like Sears and Montgomery Wards, sometimes offer scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- Scanner World (Albany, NY). Telephone (518)436-9606. |

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- Marymack Distributing (Katy, TX) sells Radio Shack scanners at discount. Telephone (713)392-0747. |

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner |

If you are handy with a soldering iron, you may be | interested in modifying your scanner to add features or | enhance its performance. Be warned this usually voids your | warranty. Modification article files can be copied from | several ftp sites including the /pub/ham-radio/mods direc- | tory at: |

ftp.cs.buffalo.edu |
garfield.catt.ncsu.edu |
ftp.std.com (IP address 192.74.137.7, world.std.com) |

Scanner Repair Shops |

Is your scanner broken? Aside from sending the scanner | back to the manufacturer for repair, here are least two | companies which repair scanners: |

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove Enterprises for about $25. This single edition contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by

CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

Grove enterprises sells FCC license information on floppy disks. Disks for each state are sold separately, and the information is basically the same as the FCC "state sort," i.e., transmitter location (state/city), callsign, licensee name, and type of license.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose

the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. Rick Christian advises these strict | rules for the AOSCNet Scanner Radio Echo (as of 2/1/94): |

1. No discussion of cellular modifications or discussions | on how to monitor cellular transmission. |
2. No discussions on topics which would violate the ECPA | '84, TDDRA '93, (18 USCA 2510 et seq.) or Communica- | tions Act 1934 & 1984 as amended (47 USCA 705), i.e., | decoding/reception of paging, cellular, encrypted | stuff, descrambling etc.. |
3. No Aliases. |
4. No discussion of Shortwave or Amateur Radio material | (except SAREX). |

For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association |

The Chicago Area Radio Monitoring Association (CARMA) is | the foremost club for scanner radio hobbyists in the north- | ern Illinois area. CARMA was formed from the Chicago | chapter of the Radio Communications Monitoring Association | (RCMA), and we have been meeting since the early 1980s. |

Many CARMA members are active in ham radio and GMRS, but | the club is devoted to scanning and scanners. |

Meetings are held on Saturdays at area restaurants, about 6 |
times a year. Although lunch starts at noon, the meetings |
begin officially at 1 PM and often run until about 4 PM. |
You must purchase a lunch since we get the room for free. |
Meetings consist of a quick review of club business, some- |
times a special presentation, and a "round table" |
discussion/question & answer session. Large quantities of |
information and frequency lists are often distributed in |
the form of free handouts. Members sometimes sell radio |
equipment at the meetings, too. |

In addition to regular meetings, there are two CARMA |
picnic/field days during which members meet at a park, |
erect antennas, eat, and operate scanners from battery |
power. CARMA members take organized tours of various com- |
munications facilities in the area. |

Club meeting dates and times are published in the CARMA |
newsletter, published 6 times a year. A one year subscrip- |
tion is available by mailing a $10 check, payable to Kim |
Moran, to:

The Command Post |
attn. Kim & Ted Moran |
6143 W. Touhy Avenue |
Chicago, IL 60646 |

Many CARMA members participate on the CARMA computer bul- |
letin board, run by Will Sperling. If you have a modem and |
terminal or computer, you can reach the CARMA BBS by cal- |
ling (708)852-1292. |

Here is a tentative meeting schedule for 1994. All meet- |
ings will be held on Saturdays at the Destiny Restaurant, |
1440 Rand Road, Des Plaines, IL: |

February 19 |
April 16 |
June 18 |
August 13 |
October 15 |
December 10 |

Bring a notebook and your appetite.

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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

1449. Re: Buying Yupiteru MVT-7100 (from ACE Communications?)

Newsgroup: rec.radio.scanner
Date: 1994-02-28 15:12:33 UTC
From: thssno@iitmax.iit.edu
Message-ID: <1994Feb28.151233.4111@iitmax.iit.edu>
Source record: 276707
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <2kk7p0$t5d@zone4.ocunix.on.ca> (posted to rec.radio.scanner,rec.radio.amateur.misc on 25 Feb 1994 02:01:52 -0500), andrew@zone4.ocunix.on.ca (Andrew Cornwall) writes:

= Unfortunately, the only other place I've heard of the MVT-7100 being
= available is Javation, who's charging UK L385, which is way out of my
= league.
=
= Can anyone solve my dilemma?

Since you are in Canada, you might want to check out Radio Lorenz in Montreal. I bought my Yupiteru MVT-7100 from them and I was pleased with their service. Price was CDN $739.00 plus shipping (December 1993). I've included some additional information below from a file I occasionally send to people who ask about sources for the MVT-7100.

===
=== Notes on buying the Yupiteru MVT-7100 in North America ===
===

According to stuff I read in rec.radio.scanner and related newsgroups, unblocked Yupiteru MVT-7100 radios are available from Radio Lorenz in Montreal and Javiation in the U.K (see addresses and phone numbers below).

I opted to buy from Radio Lorenz primarily because I thought that warranty service, if needed, would be faster and cheaper. Including shipping and other considerations, the price from both suppliers appeared to be about the same. (Note that I'm in the U.S.; prices compared in mid-December, 1993). But as far as I can tell, any warranty a North American customer may obtain on the radio is provided by the retailer, and requires that you return the radio to the retailer for service. Lorenz offered a one-year warranty--if the radio breaks, purchaser ships it to Lorenz, and Lorenz ships it to the Canadian distributor (located in London, ON) for repairs. I assume, but do not know, that Javiation's policy is similar. I decided that it would be cheaper and faster to return the unit to Montreal than to the U.K.

Another advantage of buying the MVT-7100 from Lorenz is that they provide an AC adapter designed for operation in North America. Two reviews which have been posted to the net complain that the MVT-7100s supplied by Javiation come with an AC adaptor designed

for use at 100 V and cause the radio to run warm.

Lorenz supplies the regular Yupiteru manual, plus a reprint of one written by Jonathan Clough of Javiation. I'm not sure whether the reprint is identical to what you would get if you buy the radio from Javiation. It looks like something which may have been posted to a BBS and then printed out. I had no trouble learning how to use the radio from reprint in combination with the Yupiteru manual. The Yupiteru manual itself it not great, but not terrible either; I've seen much worse.

I was pleased with the friendly and helpful service I received from Helmut Lorenz. I asked him to ship the radio in a manner different than he was accustomed, and he was very cooperative.

Jonathan Clough of Javiation was also helpful when responding to my emailed inquiries.

Mr. Helmut Lorenz
Radio Lorenz
482 St. Catherine St. West
Montreal, Quebec
Canada H3B 1A7
Phone: (514) 392-9200
Fax : (514) 392-4767

Mr. Jonathan Clough
Javiation
Carlton Works, Carlton Street
BRADFORD
West Yorkshire, BD7 1DA
United Kingdom
Phone 0274 732146 (From U.S. 011 44 274 732146)
Fax 0274 722627 (From U.S. 011 44 274 722627)
clough@javiaton.demon.co.uk

--neil ormos wd8bdp thssno@iitmax.acc.iit.edu

1450. FOR SALE: Radio Shack PRO-34 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-02-28 15:49:21 UTC
From: martin@dvorak.amd.com
Message-ID: <CLxyMA.4JL@dvorak.amd.com>
Source record: 276708

I bought this unit a couple of years ago and never did get into listening as I thought I would. The unit has 200 channels in 10 memory banks and covers frequencies to 960MHz. I have performed the modifications on it to add back the "cellular band" from 869-896MHz. Here is a list of frequencies covered:

VHF-lo (30-54Mhz)
Ham (50-54Mhz)
Aircraft (a08-136Mhz)
Government (136-144Mhz)
Ham (144-148MHz)
VHF-Hi (148-174MHz)
Ham/Gov't (380-450Mhz)
UHF-lo (450-470MHz)
UHF-TV (470-512MHz)
UHF-hi (806-824MHz)
(851-868Mhz)
(868-891MHz) <--- Cellular band, added back in
(896-960Mhz)

The unit has some pretty nice features and used to be the flagship of the RS line. The unit looks functionally identical to the PRO-39, which sells for $299.

Asking: $210 OR (make me a) BEST OFFER. I'll pay shipping.

Martin Schuessler
(512) 602-4460 (W)

1451. FTP for Scanner Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-02-28 16:29:16 UTC
From: af308@yfn.ysu.edu
Message-ID: <2kt64s$rkt@news.ysu.edu>
Source record: 276709

Is there such a thing? FTP sites for Scanner Freqs?

Any help will be greatly appreciated.

Thanks in advance.

--

1452. Re: Hams Using Motorola Equipt?

Newsgroup: rec.radio.scanner
Date: 1994-02-28 18:05:54 UTC
From: bmiller@landesk.intel.com
Message-ID: <2ktbq2$dr3@ornews.intel.com>
Source record: 276710

In article <2klfqs$rhk@usenet.INS.CWRU.Edu> cw400@cleveland.Freenet.Edu (Eric L. Bartholomew) writes:
>
>Any hams or scanner listeners out there using motorola equipment
>for their hobby? I own a number of radios from Mot. and would
>like to exchange ideas or neat mods. with other Motorola junkies
>like myself.
>
>Eric bartholomew
>
>packet: KF8YK@KB8AST.#NEOH.OH.USA.NA
>Internet: ericb@ieee.csuohio.edu
>

Although I don't currently own any Moto equipment, I have several text files of Usenet messages which detail a few mods (mostly making repeaters out of old mobile units). If you are interested, I can email or post (if there is general interest).

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1453. Re: FTP address for World

Newsgroup: rec.radio.scanner
Date: 1994-02-28 18:15:41 UTC
From: ad178@FreeNet.Carleton.CA
Message-ID: <CLy5E5.E3M@freenet.carleton.ca>
Source record: 276711

....and don't forget to get your wallet out...this FTP costs $$$.

--
Life's to short to worry... :)

1454. Scanners on aircraft!

Newsgroup: rec.radio.scanner
Date: 1994-02-28 19:10:23 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Feb28.191023.4759@news.csuohio.edu>
Source record: 276712

I have seen (and taken part in) several threads discussing the
issue of operating radio scanners aboard commercial aircraft.

The following two items have been reprinted without permission from
the Continental Airlines February 1994 issue of Profiles in-flight
magazine. The first item is from page 73 and describes what
electronic devices are/are not allowed on board. The second item
is an informative article from page 66. Enjoy.

ITEM 1

Continental Airlines' Profiles in-flight magazine, February 1994,
page 73 at the bottom by the radio symbol, verbatim:

"Certain electronic devices may not be used aboard the aircraft at
any time: TV's, radio receivers or transmitters (AM/FM, CB,
scanners, remote control toys, etc.) and cellular phones.
Permitted are: pagers, calculators, shavers, cameras, tape players
and recorders (audio or video), and bionics (hearing aids,
pacemakers, etc.). Additionally, electronic games, personal
computers and CD players may be used except during take-off and
landing (below 10,000 feet)."

ITEM 2

Continental Airlines' Profiles in-flight magazine, February 1994,
article on page 66 under "Continental Country":

Calling All Stations

"New rules govern the use of portable electronic devices in flight"

By Lockwood Tallman

People who fly frequently have noticed that cabin crews are
making some new announcements, such as, "Once airborne, you will
be advised when the use of approved devices is permitted," and "The
use of approved portable electronic devices is now permitted."
The announcements are the result of new rules designed to
limit the effects of electromagnetic interference (EMI) on the
aircraft's navigation and communication systems. It has long been
recognized that personal electronic devices can emit EMI, and for
this reason airlines have banned the use of AM/FM radios and
televisions by passengers on board.
But along with the electronics revolution has come a plethora

of portable devices that easily take to the air with travelers.
Both the Federal Aviation Administration (FAA) and the aircraft manufacturers have provided information to the airlines concerning this trend and the need to ensure that increased use of portable electronics does not compromise the aircraft's own electronics.
On Continental aircraft, portable electronic devices fall into three categories: items that can be used at any time; items that should not be used during taxi, takeoff, climb, approach and landing; and items that should not be used at any time aboard the aircraft.
Authorized for use at any time are tape players/recorders (video or audio), cameras, shavers, calculators, pagers, wristwatches and medical devices, including hearing aids, pacemakers and FAA-approved life-support systems.
Authorized for use while the aircraft is cruising (not during taxi, takeoff, climb, approach and landing) are electronic games and entertainment devices (such as "Gameboys"), personal computers and compact disc players.
Not permitted at any time are televisions, radios, cellular phones, CBs, remote-controlled toys or any other kind of transmitter.
Televisions and telephones installed on board the aircraft are acceptable because they have been installed with the required shielding and have been FAA-approved specifically for inflight use.

Caption under photograph of a Continental 747 in this same article:

" 'Gameboys,' CD players and PCs should should be used only when the aircraft is cruising - not on takeoff or landing, when the electromagnetic interference they emit could interfere with the aircraft's own electronics."

Well, from what I can tell, this pretty much eliminates radio scanners, ham HT's (even if just receiving), and shortwave receivers from being used on aircraft, at least on all Continental flights. Depending on your airline, your mileage may vary.

Your best bet is to ask a flight attentant, or better yet the captain herself/himself or appropriate pilot-in-charge.

Hope this helps.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^ Catch the WAVE v^v^v^

1455. Modified MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-02-28 19:14:40 UTC
From: jkearman@arrl.org
Message-ID: <1994Feb28.191440.8704@arrl.org>
Source record: 276713

In an ad in the Japanese magazine _CQ Ham Radio_, I see that Japan Electronics is apparently selling MVT-7100s with built-in voice-inversion descramblers. I had to ask someone who reads Japanese to explain what the ad meant, so I can't answer anymore questions. Their phone number is 03(5966)8517. Maybe someone who visits Japan can check it out. The ad was on page 512 of the Feb (2 94) issue.

Good listening.

Jim

1456. Re: If I DON'T listen to cellular...

Newsgroup: rec.radio.scanner
Date: 1994-02-28 19:41:26 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Feb28.194126.22993@alw.nih.gov>
Source record: 276714

Grady Ward (grady@netcom.com) wrote:
[stuff deleted]

: Even after April there will be cell capable scanners around for a while,
: they still can be sold just not imported or manufactured. In a few
: years they may keep up their resale value though.

I'd venture a guess that the supply of used cellular capable scanners will outlive the unencrypted 800 MHz FM cellular system itself. It seems like a big waste of time and money.

The other thing that worries me is that the supply of cordless-capable receivers will probably never run out (heck, almost anything will receive them. Are they going to stop selling crystals at that freq, too?). Instead of passing such a ridiculous law, they should inform the public as to the current state of affairs. The market would demand secure cordless phones and the manufacturers would deliver it. A much better solution IMHO.

I'm probably preaching to the choir here, though.

Regards,
Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

1457. Javiation phone number

Newsgroup: rec.radio.scanner
Date: 1994-02-28 19:51:35 UTC
From: mcintyre@is.morgan.com
Message-ID: <1994Feb28.145135@is.morgan.com>
Source record: 276715

Would someone please email me or post the phone number for
Javiation in the UK. I'm going to buy a Yupi7100 as soon
as possible!

Thanks, Dave

1458. Re: 2006 How long Will it last?

Newsgroup: rec.radio.scanner
Date: 1994-02-28 19:56:12 UTC
From: rohvm1.mah48d@rohmhaas.com
Message-ID: <rohvm1.mah48d-280294145335@136.141.220.39>
Source record: 276716

In article <2koogd$4g6@crl2.crl.com>, tim2006@crl.com (Timothy Lynch)
wrote:

> I allways read about these guys getting three or four 2006 scanners cuase
> there going to be outlawed. My question is how long is a 2006 going to
> last if kept in good shape? Yes there is allways the chance of a spill or
> drop but all in all the scanner should last years and years....

Hey, I got 30-year-old _tube_ gear that's still working fine, and the
solid-state stuff should certainly outlast that. I think they're
speculating--hoping to find a buyer willing to part with big bucks for a
no-longer-available receiver.

--
73 de John Taylor W3ZID
rohvm1.mah48d@rohmhaas.com

1459. Re: disney freqs please!!

Newsgroup: rec.radio.scanner
Date: 1994-02-28 20:02:07 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <CLyABM.AxE@cbnewsc.cb.att.com>
Source record: 276717
Cross-posted to: rec.radio.scanner,alt.radio.scanner

|The columnist reported that the Disney Gestapo
|prohibits scanners and the such in the park. Bleh.

Personally, I think that there's a market for a scanner that is disguised as a Sony Walkman. Some of the older type Walkman units have the volume of radio scanner. If you design the unit to work into headphones only, you could have a scanner that will work many hours off of 4-6 Nicad AAs. Of course, an internal speaker is nice to have.

You could design the scan controls to emulate the push-button controls on a tape player, and design the keypad into either behind the folding "cassette door" or possibly into an elastometric keypad that would be integrated into a geometric design on the outside of the case.

The manufacturer could create several designer colors to further the deception. Of course, it would incorporate EEPROM programming like an AOR AR-1000 to allow reprogramming around the cellular scanner ban. The standard practice of using the headphone lead as the FM antenna should bring some benefits when trying to scan cordless phones, as compared to the using a whip or rubber ducky antenna.

A niche market to be sure, but, how many people carry around a scanner with it's "brick" configuration, as compared to those willing to carry a scanner if it were in a swollen "Walkman" configuration with a headphone antenna? I know that _I_ would like a scanner like that...

1460. MVT-7100 and shortwave

Newsgroup: rec.radio.scanner
Date: 1994-02-28 21:09:45 UTC
From: ira@src.dec.com
Message-ID: <2ktmip$amm@src-news.pa.dec.com>
Source record: 276718

Does anyone have any experience using the Yupiteru MVT-7100 on shortwave broadcasts? Does it perform credibly in that range?

Regards,
Ira

1461. Re: FTP address for World

Newsgroup: rec.radio.scanner
Date: 1994-02-28 21:25:11 UTC
From: mtracy@arrl.org
Message-ID: <1994Feb28.212511.10650@arrl.org>
Source record: 276719

Thomas W. Demers (ad178@FreeNet.Carleton.CA) wrote:

: ....and don't forget to get your wallet out...this FTP costs $$$.

No, it does not. As lots of i-net connected folks have discovered, there is a sign-on message when you FTP into ftp.std.com (and it also appeared for a time at the world.std.com address). This sign-on message contains information and rates for establishing *your own* account on world.std.com. As long as you are only there for anonymous FTP, there is no charge.

Also notable is that the ftp.std.com address supports unlimited anonymous connects, so you won't get the "system load too high" message that you used to get with the world.std.com address.

If there had been any *required* money for file access, I would have never placed the ARRL's Email Information Server files there (with the generous help of Scott Ehrlich).

73 de Michael Tracy, KC1SX, ARRL Technical Information Services

1462. Re: Cordless phone freq list...

Newsgroup: rec.radio.scanner
Date: 1994-02-28 21:56:58 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <9403011718.AA304@nwugate.fidonet.org>
Source record: 276720

```
m> One of these base frequencies is not correct. Can someone
m> identify the incorrect one ( it would save me some time )
m> 46.610 Ch1
m> 46.630 Ch2
m> 46.670 Ch3
m> 46.710 Ch4
m> 46.730 Ch5
m> 46.770 Ch6
m> 46.810 Not Valid
m> 46.830 Ch7
m> 46.870 Ch8
m> 46.910 Not Valid
m> 46.930 Ch9

And Channel 10, which is 46.970

Jerry
* Evaluation copy of Silver Xpress. Day # 0
```

1463. Pensacola, FL freq.'s

Newsgroup: rec.radio.scanner
Date: 1994-02-28 21:58:13 UTC
From: djj6934@gold.acns.fsu.edu
Message-ID: <2ktpdl$jov@mailer.fsu.edu>
Source record: 276721

Could I get lucky and find somebody kind enough to e-mail me the more active frequencies available in Pensacola?

All responses would be deeply appreciated!!
^^^^^^

Thanks,
Dave
djj6934@gold.acns.fsu.edu

1464. Re: ***FOR SALE*** Uniden BC-8500 XLT

Newsgroup: rec.radio.scanner
Date: 1994-02-28 22:03:14 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <9403011718.AA303@nwugate.fidonet.org>
Source record: 276722

o> Posting for a friend.

o> 1. New Uniden BC-8500 XLT Scanner. Supposed to be easy to mod for
o> cellular frequencies. $365.00 + shipping. Call Doug McFall weekends
o> or eves after 4:30 PM MST at (208) 524-2110 or leave me a message on the
o> internet and I will pass it along to Doug

Be advised, that the BC-8500 XLT is *NOT* capable of modification for
cellular. The chip is burned in such a way as to not permit entering of
cellular freqs. It is possible to hear images of cellular by adding 400
mhz to the cellular freqs.

Jerry
* Evaluation copy of Silver Xpress. Day # 0

1465. Laughlin, NV Freqs.??

Newsgroup: rec.radio.scanner
Date: 1994-02-28 22:13:27 UTC
From: lenny@pmafire.inel.gov
Message-ID: <1994Feb28.221327.23235@pmafire.inel.gov>
Source record: 276723

I will be in Laughlin, NV. this weekend and would appreciate freq. info
for this area.

Thanks in advance,
lenny@pmafire.inel.gov

1466. Re: Looking for frequencies - madison, wi

Newsgroup: rec.radio.scanner
Date: 1994-02-28 22:14:47 UTC
From: jason@yar.cs.wisc.edu
Message-ID: <2ktqcn$1k6@spool.cs.wisc.edu>
Source record: 276724

```
>Madison PD Channel 1, Dispatch 460.050
> Ch.3, Split city 460.300
> ch.5, Tac,Pkg,admin 460.475
> Ch 7, Tactical 460.150
> Ch 8, Data 460.425
> Ch.9, Tactical 460.275

You can add UWPD. They are at 460.100.
--
Jason J. Hanson | 1510 Tripp Circle #VI309 | (608) 264-1079
Univ. of Wisconsin | Madison, WI 53706-1294 | Ham: N9LEA (Extra)
-- jason@yar.cs.wisc.edu =*+++*= n9lea@n0ary.#nocal.ca.usa.na --
```

1467. Re: Tape out for all scanners.

Newsgroup: rec.radio.scanner
Date: 1994-02-28 22:21:30 UTC
From: cork@cs.umass.edu
Message-ID: <2ktqpa$qps@thor.cs.umass.edu>
Source record: 276625

In article <2kpvkd$n8@crl2.crl.com> vhealey@crl.com (Victor Healey) writes:
>
> I want to thank the fellow who suggested using a telephone pickup
>coil attached to a scanner to activate a vor. I tried it with the Pro 43
>and it works like a charm using a Sony Vor. A problem with using the audio
>out headphone line is that a vor will activate just on the poping from the
>internal operation of the scanner.

You might want to use an attenuating cable (Radio Shack sells them,
they are noticable by the bright RED plug cases) to better match
the headphone jack with a VOR. The cable is cheap, not subject to the
noise problems, and works fine with my Pro 39 and RS VOR. (A straight
cable will not work due to the AGC locking onto the background level...)

1468. Re: Antenna Problems with 8500XLT.

Newsgroup: rec.radio.scanner
Date: 1994-02-28 22:25:56 UTC
From: vhealey@crl.com
Message-ID: <2ktr1k$g1a@crl2.crl.com>
Source record: 276626
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.scanner

Jim use a tv attunator which you can pick up from the infamous radio shack chain. Don't worry about 50 ohm 75 ohm impedance mismatch as that stuff dosn't mean a thing when it comes to scanners it is only relevant when you are transmitting.

Vic Healey Ki4je
vhealey@crl.com

1469. Re: freq to monitor Clinton & Majors in Pgh

Newsgroup: rec.radio.scanner
Date: 1994-02-28 23:56:44 UTC
From: stevenp@hebron.connected.com
Message-ID: <2ku0bs$6p6@hebron.connected.com>
Source record: 276627
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Jerry Sy (ah301@yfn.ysu.edu) wrote:
> Pres Clinton and PM Majors will be in Pittsburgh tomorrow,
> anybody knows what frequency I should monitor ?

> please email responses if possible
> thanks in advance
> jerry N3RKD

CNN. When they came to Seattle everything was encoded.

1470. Re: FTP address for World

Newsgroup: rec.radio.scanner
Date: 1994-03-01 00:01:35 UTC
From: salvini@wdl.loral.com
Message-ID: <1994Mar1.000135.23030@wdl.loral.com>
Source record: 276628

In article <CLy5E5.E3M@freenet.carleton.ca>
ad178@FreeNet.Carleton.CA (Thomas W. Demers) writes:

>
>
> ....and don't forget to get your wallet out...this FTP costs $$$.
>
> --
> Life's to short to worry... :)

NOT!!!!!!

You only have to pay $$$ for an account there. InterNet access has no
fee.

harry
salvini@wdl.loral.com

1471. Dube Todd, please contact me

Newsgroup: rec.radio.scanner
Date: 1994-03-01 00:06:25 UTC
From: crisp@netcom.com
Message-ID: <crispCLyLMv.F0w@netcom.com>
Source record: 276629
Cross-posted to: rec.radio.shortwave,rec.radio.swap,rec.radio.amateur.misc,rec.radio.scanner

I have some information regarding a source of equipment you may be interested
in.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1472. Re: Javiation phone number

Newsgroup: rec.radio.scanner
Date: 1994-03-01 00:13:38 UTC
From: schuster@panix.com
Message-ID: <2ku1bi$g5r@panix2.panix.com>
Source record: 276630

In article <1994Feb28.145135@is.morgan.com>,
David McIntyre <mcintyre@is.morgan.com> wrote:
>Would someone please email me or post the phone number for
>Javiation in the UK. I'm going to buy a Yupi7100 as soon
>as possible!

/net/u/4/s/schuster/docs/clough.txt

Javiation
Carlton Works, Carlton Street
Bradford, West Yorkshire
BD7 1DA England

Voice: 011-44-274-732146
Fax: 011-44-274-722627

The proprietor, Jonathan Clough, can be reached by email at
clough@javiaton.demon.co.uk or 100117.535@CompuServe.COM

Price is 385-399 pounds sterling ($575-$600) depending on exchange
rate (pound-yen) delivered by 2nd day FedEx. If you're hit with
customs duty, it will be 6%, or about $30.

There is a 12 month warranty but (obviously) you'd have to send the
radio back to England for service.

==========READ NOW!!!!==========

Jonathan is in the US right now on vacation. He is leaving for home on
March 6 (when I last heard) so don't expect any orders to be filled until
then. He was back-ordered at least a couple of weeks when he left due to a
groundswell of orders related to the April deadline.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1473. Re: dREGISTER YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-03-01 00:15:57 UTC
From: djnorman@isle.waterloo-rdp.on.ca
Message-ID: <1994Mar1.001557.151@isle.waterloo-rdp.on.ca>
Source record: 276631

Darrin Norman (djnorman@isle.waterloo-rdp.on.ca) wrote:

: In southern Ontario.. most of them are at 30.8500 mkz (and some Burger Kings
: are at 30.4500)

Sorry.. I must correct my self... that's 30.5800...
I've also noticed that a few are at 30.5750 just enough of to have to
retune you receiver..

1474. Re: New Panasonic Cordless Secure?

Newsgroup: rec.radio.scanner
Date: 1994-03-01 01:36:42 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb28.203642.1@uoft02.utoledo.edu>
Source record: 276632
Cross-posted to: alt.radio.scanner,rec.radio.scanner

brinskel@emr1.emr.ca (Jeff Brinskelle) writes:
> How do the new Panasonic phones that have come out in the past few weeks
> secure their line? There is a button that you press when you want a
> secure line. I'm thinking that they must mask it somehow. So would each
> be different, or else it must transmit a key to the base or something.
>
> Anyone?

Reports I've heard on alt/rec.radio.scanner is that the Panasonic is using a standard FM analog signal for voice. The 'handshaking' between the base and handset is digital, evidently allowing Panasonic to call their new 900Mhz phones a digital phone of some type. Whatever.

Here's some 900Mhz cordless freqs from my archives. They're a couple posts from two other newsgroup readers/contributors.

Subject: Panasonic 900 MHz phone freqs.
From: schuster@panix.com (Michael Schuster)

Found this on the Fidonet scanner echo conference:

Panasonic 900MHZ Cordless Freqencies:

Color of Phone	CH	BASE	HANDSET
Blue	01	902.100	926.100
Hot Pink	02	902.130	926.130
Banana	03	902.160	926.160
Cerise	04	902.190	926.190
White	05	902.220	926.220
Off White	06	902.250	926.250
Gray	07	902.280	926.280
Fuschia	08	902.310	926.310
Shocking Pink	09	902.340	926.340
Chartreuse	10	902.370	926.370
Neon Purple	11	902.400	926.400
^	^	^	
^	^	^	
^	^	^	
Black	59	903.870	927.870

They Both increase at .03 Mhz for each channel...
said the original poster.
--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM

---------- | schuster@shell.portal.com | GEnie: MSCHUSTER

Subject: Re: Vtech 900dx Cordless Freqs.
From: priest@akocoa.enet.dec.com (Ken Priest)

In article <BxIu0o.76v@eis.calstate.edu>, jherndo@eis.calstate.edu (John Herndon) writes...
>If you dont already know.. this cordless phone uses the 900Mhz range for
>transmit/receive on base/handset communications. The frequency range is
>as follows:
>
>Transmit Frequencies:
>
> Handset 925.5 - 927.4 Mhz
> Base 905.6 - 907.5 Mhz (All 20 Channels Found In This Range)
>
>Receive Frequencies:
>
> Handset 905.6 - 907.5 Mhz
> Base 925.5 - 927.4 Mhz (All 20 Channels ")
>
>
>So, here is the basis of the new possible cordless frontier. 900 Mhz.
>
> ==] John Herndon / JHerndo@eis.calstate.edu [==

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1475. Re: Tape out for all scanners.

Newsgroup: rec.radio.scanner
Date: 1994-03-01 02:03:20 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Feb28.210320.1@uoft02.utoledo.edu>
Source record: 276633
Cross-posted to: rec.radio.scanner,alt.radio.scanner

cork@cs.umass.edu (DANIEL CORKILL) writes:

> You might want to use an attenuating cable (Radio Shack sells them,
> they are noticable by the bright RED plug cases) to better match
> the headphone jack with a VOR. The cable is cheap, not subject to the
> noise problems, and works fine with my Pro 39 and RS VOR. (A straight
> cable will not work due to the AGC locking onto the background level...)

I also tried this cable for my 2006 and Panasonic VOR. Solved the problem that
existed with a 'normal' patch cable.

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
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* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1476. Nuts and Volts magazine

Newsgroup: rec.radio.scanner
Date: 1994-03-01 02:49:06 UTC
From: pgunn@alkali.otago.ac.nz
Message-ID: <pgunn.128.762490146@alkali.otago.ac.nz>
Source record: 276634

I keep seeing references about this magazine in this group but I
have been unable to lay my hands on it.

There seems to be no library holding it in NZ and possibly not in all of
Australasia. This depresses me.

What is in this magazine ? What sorts of things are covered ? Is it a
technical journal ? A meer conduit for adverts ? A product review / issue
type journal ?

What things does it cover, just scanner related stuff or radio related or
electronic in general ? Gossip and inuendo on a topic or actual schematics
and lists of design specs for a given system ?

Who publishes it ? What is their address ? I have T&L Publications , Corona,
CA. ISSN 1065-2035. Can anyone offer me more ?

Email replies to PGUNN@alkali.otago.ac.nz to avoid net clutter. I'd like
your impressions as well as answers to the specific questions posed above.
I'd especially like replies from people in NZ but please anyone reply.

Thanx in advance.
```
=====================================================================
# PGUNN@alkali.otago.ac.nz #
# MSc (Chem) Student, University of Otago #
# Southernmost University in the World! #
=====================================================================
```

1477. SCANNER FORSALE!!!

Newsgroup: rec.radio.scanner
Date: 1994-03-01 04:13:37 UTC
From: roebuck@larry.infi.net
Message-ID: <CLyx2p.5I2@infi.net>
Source record: 276635
Cross-posted to: misc.forsale,alt.radio.scanner,rec.radio.scanner,wyvern.forsale

SCANNER FORSALE!!!

Handheld Realistic PRO-46 w/Manual
E X C E L L E N T C O N D I T I O N!!
Features 100 direct entry channels
Lockout, priority, and limit setting
Also, a WX weather button for instant
up to date weather info!!!
800 MHz
Will sell for $150 + shipping.

send email to roebuck@infi.net

--
My Escape From Unresourceful Thought is Illuminated Through
My Knowledge of the Progression on the Enlightened Path.
- S. Timothy Roebuck
>> roebuck@infi.net

1478. Re: New Panasonic Cordless Secure?

Newsgroup: rec.radio.scanner
Date: 1994-03-01 04:47:37 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2kuhd9$4pd@umcc.umcc.umich.edu>
Source record: 276636
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Feb28.203642.1@uoft02.utoledo.edu>,
<cscon0151@uoft02.utoledo.edu> wrote:
>brinskel@emr1.emr.ca (Jeff Brinskelle) writes:
>> How do the new Panasonic phones that have come out in the past few weeks
>> secure their line? There is a button that you press when you want a
>> secure line. I'm thinking that they must mask it somehow. So would each
>> be different, or else it must transmit a key to the base or something.
>>
>> Anyone?
>
>Reports I've heard on alt/rec.radio.scanner is that the Panasonic is using a
>standard FM analog signal for voice. The 'handshaking' between the base and
>handset is digital, evidently allowing Panasonic to call their new 900Mhz
>phones a digital phone of some type. Whatever.

The older Panasonic 900Mhz phones were analog, however I've seen
ads for this new product line, which specifically has wording alluding to
the RF circuit being 'scrambled.'

I assume that just like most of the other 900MHz cordless phone
manufacturers, they're LYING, and the audio over the RF channels is
simply codec'd from analog to digital -- trying to equate encoding with
encryption.

>Brad Steinman, N8ZRP

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

1479. <None>

Newsgroup: rec.radio.scanner
Date: 1994-03-01 06:56:26 UTC
From: asm18@uoft02.utoledo.edu
Message-ID: <1994Mar1.015626.1@uoft02.utoledo.edu>
Source record: 276637
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Feb28.203642.1@uoft02.utoledo.edu>, cscon0151@uoft02.utoledo.edu writes:
> brinskel@emr1.emr.ca (Jeff Brinskelle) writes:
>> How do the new Panasonic phones that have come out in the past few weeks
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> phones a digital phone of some type. Whatever.
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> Here's some 900Mhz cordless freqs from my archives. They're a couple posts
> from two other newsgroup readers/contributors.
>
>
> Subject: Panasonic 900 MHz phone freqs.
> From: schuster@panix.com (Michael Schuster)
>
> Found this on the Fidonet scanner echo conference:
>
>
> Panasonic 900MHZ Cordless Freqencies:
>
>
> Color of Phone CH BASE HANDSET
> -------------- -- ------- -------
> Blue 01 902.100 926.100
> Hot Pink 02 902.130 926.130
> Banana 03 902.160 926.160
> Cerise 04 902.190 926.190
> White 05 902.220 926.220
> Off White 06 902.250 926.250
> Gray 07 902.280 926.280
> Fuschia 08 902.310 926.310
> Shocking Pink 09 902.340 926.340
> Chartreuse 10 902.370 926.370
> Neon Purple 11 902.400 926.400
> ^ ^ ^
> ^ ^ ^
> ^ ^ ^

> Black 59 903.870 927.870
>
>
> They Both increase at .03 Mhz for each channel...
> said the original poster.
> --
> Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
> ------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER
>
> Subject: Re: Vtech 900dx Cordless Freqs.
> From: priest@akocoa.enet.dec.com (Ken Priest)
>
> In article <BxIu0o.76v@eis.calstate.edu>, jherndo@eis.calstate.edu (John Herndon)
writes...
>>If you dont already know.. this cordless phone uses the 900Mhz range for
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>>
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>> Handset 925.5 - 927.4 Mhz
>> Base 905.6 - 907.5 Mhz (All 20 Channels Found In This Range)
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>>Receive Frequencies:
>>
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>>So, here is the basis of the new possible cordless frontier. 900 Mhz.
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>> ==] John Herndon / JHerndo@eis.calstate.edu [==
>
>
> Brad Steinman, N8ZRP
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> * Member of the All-Ohio Scanner Club (OH-48-1859) * yah...
> Brian Crooks,
> The University of Toledo
> Internet: asm18@uoft02.utoledo.edu
> Is this what my tuition goes to. Your personal inquiries about what is
> questionably legal anyway.
>

1480. Re: Tape out for all scanners.

Newsgroup: rec.radio.scanner
Date: 1994-03-01 07:03:34 UTC
From: asm18@uoft02.utoledo.edu
Message-ID: <1994Mar1.020334.1@uoft02.utoledo.edu>
Source record: 276638
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <1994Feb28.210320.1@uoft02.utoledo.edu>, cscon0151@uoft02.utoledo.edu writes:
> cork@cs.umass.edu (DANIEL CORKILL) writes:
>
>> You might want to use an attenuating cable (Radio Shack sells them,
>> they are noticable by the bright RED plug cases) to better match
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> Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
> * Member of the All-Ohio Scanner Club (OH-48-1859) * yah...
Brian Crooks
the University of Toledo
Internet:asm18@uoft02.utoledo.edu
:stu0824@uoft01,utoledo.edu
:stu0586@uoft01.utoledo.edu
Is this what my tuition goes for, your personal recreation?

.

1481. SW Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-03-01 12:51:26 UTC
From: jlloyd@pluto.cs.clemson.edu
Message-ID: <2kvdoe$3r9@hubcap.clemson.edu>
Source record: 276639
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

---

Below is a collection of SW receiver reviews written by readers of Rec.radio.shortwave. The number following the brand and model number is the number of readers, who indicated they use this type of receiver.

All credit for these reviews should be given to the readers of this group and not me.

John Lloyd

Sony 2010 - 3

I found it VERY easy to plug in and start listening. The supplied instructions are adequate for what they do, but
are not really enough to really start enjoying the radio. The whip antenna works great at home, but just doesn't cut it at work (way too much metal/interference). Even the supplied wire antenna does not seem to help at work (I have not yet tried it at home (no real need).

****
Realistic DX-342 - 1

I've owned this little radio for about a year
now and am really pretty happy with it.

Advantages: Size - Measuring approximately
4 3/4 x 2 5/8 x 1, you can take this little
mini anywhere! Even slip it into your shirt
pocket!
SW bands - Covers 9 SW bands: 49m, 41m, 31m,
25m, 21m, 19m and 16m.
MW, FM, FM Stereo (thru headphones)
Travel Power lock
Push button control
Runs on two AA batteries or AC adapter
Travel pouch
Carrying strap

Disadvantages: It's an analog unit, guys and gals,
no digital display.
No back stand
Antenna does not rotate up

I've had a lot of fun with this little receiver. The
SW sensitivity is quite good for my area of the
country, Cleveland, Ohio. The speaker has a nice sound
and improves thru the earphones. FM stereo thru
headphones is great! MW DXing is surprisingly
good! I can grab signals from Boston, Chicago,
New York and Cincinnati much better than on my
Magnavox AE 3625 Digital!

Summary: A nice little travel radio that's fun
to fiddle with or take for travel when you're in
a pinch. Radio Shack has discontinued this model
so you might be able to find it on sale for around
$50.00. I love the size! Ideal for travel! I'm
beginning to think that anything larger is too
cumbersome. I do miss the Digital Display and all the
features that go with it: Freq. display, Alarms,
world time display, etc. If I were buying today, though,
I'd consider what else is out there for just a bit more
money. For example, the new Sangean 606 is only
slightly larger and has all the digital features mentioned above that I miss. I
've seen it priced for as little as
$179.95!

****
Realistic DX-375 - 1

It costs $99.99 though I got it for $89 since I had a coupon for a
rebate. For the price I think I got a good deal. It has digital tuning
and direct input of frequencies which allows tuning to be a pretty
simple job and not a time consuming act of patience. It uses two C type
batteries... I use rechargable ones and they last a pretty long time..

It is not small enough to carry in your shirt pocket but it could fit in
the front or side pocket of an average sized backpack. It is just great
when you are walking back home from school/work ... it can be easily
carried in one hand as you catch up on the news from
BBC/Deutschewelle/Radio Australia/etc.... as you walk home..
I get decent reception of all the `big stations' even indoors and have, on
occasion also been able to tune to Radio UAE....

The sleep function is perfect for someone like me who likes to fall asleep
with music... the FM sound is pretty good in stereo (headphones)... The
AM reception is also fairly good but it has a very high tendency to catch
those Bible bashing stations...probably a reflection of the region where
I live...

The strap is a little shoddy and I have a feeling I may have to `fix it'
soon... I expect it to pop out any moment....
Despite that, I like it...

****
Realistic DX-380 - 1

I am by no means an expert, but I have a DX-380 and can give some of my experiences. First of all, I would pay the extra to get the 390 to get the single side band capability. I miss it. I miss it. Also, the sensitivity for foreign broadcasts (I'm in DC) without an external antenna is poor. You get the BBC and some German broadcast relays from Canada transmitters, some south american stuff, and that's it. BUT with a 50 m Cu wire out my 2nd story window attached to the antenna with an alligator clip, I regularly get Abu Dhabi and Australia at night.

****
Realistic DX-390 - 2

Great mid-sized digital portable. Good sensitivity and selectivity. Digital display shows time, frequency, signal strength, and memory location. Covers LW (in 9 kHz steps), MW (in 9 or 10 kHz steps) and SW continuously from 150 kHz to 30000 kHz. FM reception (88-108 MHz) with stereo through headphone jack. BFO control for SSB reception. Built-in timer/clock, 9 programmable memory locations per band, except 18 on SW. Good audio output. RF Gain and AM bandwidth controls. Keypad frequency entry. External antenna, AC-adapter inputs.

A great radio for the beginner or as an upgrade from a smaller and/or analog unit.

Purchased from Radio Shack for $219 in January, 1992.

I have a new Realistic DX-390 (alias Sangean 813??). Seems to be a great value for the price $169 US. I haven't yet heard from someone who can recommend a radio for the same price that is better, and can back it up with facts.

****
Grundig Satellit 700 - 3

Truly a world-class portable, digital receiver. Excellent sensitivity and selectivity. Digital display with two separate clock/timers, signal strength meter, band selection, frequency readout, and user-definable eight-character "name" for each memorized station. Has RDS circuitry on FM to decode the newly-phased-in system for identifying stations by call letters, format, etc. 512 memory positions, upgradable to 2048. Tunes in .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. Receives USB and LSB. Synchonous detector helps pick difficult-to-receive stations out of the crowd. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz). Excellent audio output, with separate treble and bass controls. Stereo through headphones or external speakers. Line-level out (left and right), external antenna, and 12 VDC-in jacks. Local/DX switch. Built extremely rugged. Multi-national power

supply included.

An outstanding performer, and worth the price to a serious SWL
or DX'er who requires portability.

Purchased from Universal Radio for $479 in April, 1993.

The Following is a comparison of the SONY ICF-SW77 and the
GRUNDIG SATELLIT 700:

Both of the receivers you are looking at are pretty solid. The
Sony is slightly smaller and has a somewhat more "finished" feel
about it. The Grundig is SOLID with a much better sound. Neither
is as good a SW signal receiver as the previous Sony, the '2010
(2001). However, they both have very advanced features;
multiple (and in the Grundigs case, expandable) memories with
alphanumeric tags so that you have a name as well as a frequency,
all sorts of memory grouping and scanning etc. The Grundig has
good RDS ident. on it's FM band, but I have a feeling that this
isn't used much, if at all, in the US. If you intend to buy
second-hand, be very wary of the SW77 - the early version was
pretty flakey. The later version is better but still not as good
as the '2010.
I think that the choice comes down to "feel". They are both quite
complex to use, but both work as advertised. Try 'em both as they
have quite distinct operational methods. If sheer performance on
SW is the main point for you, compare them with the Sony ICF2010.
You'll buy it and save some loot !
For what it's worth, I tried them both and settled on the
Grundig. I have my Satellit 700 in daily use and it's performed
without a hitch.

My reasons for the choice were:

1. Performance. The Grudig was much better than the early SW77.
2. Sound. I happen to prefer the slightly bassy Grundig sound to
the somewhat sharper Sony.
3. Power. The Grundig takes D cells and can self-charge Nicads in
the set, which is how I have it set up. (The SW77 used C cells)
They both run down batteries fast. The Sony worse than the
Grundig due to it's smaller cells.
4. RDS. I love it and the SW77 doesn't have it.
5. Feel. I like the, I don't know, Germanic solidity and sheer
heft of the Satellit. A Satellit with a full load of 4AH Nicads
can tip the scales at twice the weight of a SW77. Of course, if
drop one on your foot the Sony would be the better bet ! I
only use the Grudig about the house. I have a '2010 for the
road.

I hope this splurge hasn't clouded the issue for you.

Editor's Note:
I have one of these radios and love it! I sent the following

message to someone just after I bought it.

I just recently forked out $500 and bought a Grundig Satalit 700.
The sound from the radio is truely impressive! I have always
wondered why broadcasters put music on shortwave, because it
alway sounded like garbage. However with the 700 I can listen and
enjoy the music. The 700 has Bass and Treble controls, which
improve the sound quality but the Automatic Gain Control most
likely does the most toward improving the sound (I'm not an
expert, so this is just a guess!). Anyway my Wife
regularly listens to music coming from a 60m band radio station
in Guatemala, and can enjoy the sound. However there are some
bad points. It is programable, but I have not worked out how to
do it yet. Well I tried once and gave up. This is not too
bad though, because BBC, Deutche Welle, and about 10 others
are stored in a ROM table. And these frequences actual work
(i.e. they are the frequencies for North America and NOT
Germany).
Also I connected a long wire antenna and found my local AM
station on shortwave. I guess the front-end is not good enough to
sort the signals out when coming from a large antenna. But don't
worry about this either.
If you only want to listen to the biggies like BBC, Deutche
Welle, you won't need an external antenna. I am planning to put
a Pre-selector between The Radio and the Antenna, and I think
this will cure the problem of AM stations on shortwave and cut
out some interference. Finally I recommend this radio to you. I'm
sure you will have hours if enjoyment from it.

****
Grundig Satellit 500 - 2

Formerly Grundig's flagship portable SW receiver, this is
still an excellent piece of equipment. Excellent sensitivity and
selectivity. Digital display with two separate clocks (only
one displayed at a time), signal strength meter, frequency
readout, and four-character user-definable "name" for each
memorized station. 42 memory positions. Tunes to .1 kHz
increments. Selectable wide/narrow bandwidth for AM mode
reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry.
In addition to AM, has three receiving "modes" for LW, MW, and
SW: USB, LSB, and "Sync," which should more accurately be
described as "fine tuning," as this implementation of synchronous
detection operates differently from the Satellit 700 or Sony
2010. Selectable automatic/manual gain control. Covers LW
(150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM
(87.5-108 MHz).
Excellent audio output, with separate treble and bass controls.
Stereo through headphones. Line-level out (mono), external
antenna, and 12 VDC-in jacks. Local/DX switch.
Built extremely rugged. Power supply included.

An all-around great performer. Now that it's discontinued,
many outlets are selling this unit at close-out prices, making
this radio an excellent value for the money.

Purchased from Universal Radio for $379 in December, 1992.

I have a Grundig Satellit 500 and am basically satisfied with it.
I miss the 512 memories of 700 and 'SSB clarify' control
sometimes.

Yes, its 'sync' is exactly fine tuning in 100 Hz steps. However,
it is rather simple to make it work similarly to '700 and '2010,
because the detector chip is the same in all three. Only a switch
with two pairs of contacts is needed. Another design fault, the
excessive distortion in SSB mode, can be partly cured by adding
two resistors. For serious DX-ers it may be important that the
internal ferrite rod cannot be disabled on MW and LW in both 500
and 700, so the in-house noise may become a problem on these
bands.

****
Lowe HF-150 - 1

The Lowe HF-150 (sold by Universal and EEB) is a nice compromise.
Similar number of cubic inches as the Sony (different shape), but
offering some features of the R8. Also the Lowe is made with a
mostly solid alumnum case, which is better than the Sony or the
Drake. The Lowe has dual antenna inputs (wire or SO-239), record
out, audio out, 12vDC in. It can run off any 12V DC battery.
I use 7 aH gelcells which I recharge. The Lowe also takes
8 internal AA nicads *OR* disposable batteries. It will recharge
the nicads with a builtin recharger if you plug it into
an external power supply. It's a nice semi-portable radio. It
has a few ideosyncracies, but you might want to look at it.

****
Lowe HF-225 - 2

I've had an HF-225 for a few years now, and I'm pretty happy with
it. I use it mainly for broadcast listening. It's connected to
25m of random wire via a 5m coax run inside the house.

I tried using an ATU to improve the matching between the aerial
and the coax, and on some frequencies it gave a (small)
improvement in signal strength, but it was such a pain to keep
retuning that I gave up using it.

I recently bought a "magnetic longwire balun", and this seems to
offer the best of both worlds - improved matching between the
wire and the coax, but no retuning necessary. It's rather
expensive, though, and it may be that I'd have been just as well
off with a home brew transformer on a ferrite ring...

The other potential advantage of an ATU, filtering out of strong signals well away from where you're listening, seems to be completely irrelevant on the HF-225. I've never yet found a case where switching in the attenuator did anything beneficial. The receiver's front end seems to be excellent in this respect.

I've got the sychronous detector option, and I wouldn't be without it. It quite often makes a heavily fading signal quite pleasant to listen to. Pity it doesn't have a selectable sideband option, though - I quite often find myself tuning an AM signal in the LSB or USB modes to try to get rid of an adjacent interfering signal.

Would I buy it again? Yes, unless I decided that I really wanted a receiver which offered a computer interface.

****
Sony SW-1 - 2

I bought an SW1E over a year ago, for listening to broadcast SW and FM at home and while travelling. I like this very small radio a lot. It is maybe expensive for a portable, but the build quality is very good, - everything looks and feels right. Battery life is good, and the set DOES work with NiCads (2*AA) contrary to the instructions. Reception of broadcast SW is good, either with the whip or clothes-line antenna. I've never noticed any big problems from adjacent channels either. As a bonus, FM stereo reception is good through headphones. Audio quality from the in-built speaker is fair, but you'll want to use phones for noisy environments. The only bug with this radio is the memory capacity - only 10 mems is really not enough to cover ALL of AM and FM.
Summary - if you want a very small portable, and appreciate high quality (and can afford it), I would recommend the SW1E. Note the E, which denotes the SW1 kit without the active antenna and brief case - these add a lot to the price, and I don't rate the antenna too highly either.

****
Sony SW-15 - 1

I bought one of these puppies on impulse the other day (at my age you should give in to the occasional impulse, just so they keep coming). Cost $85; you could probably do better by shopping the discounters.

Specs:

Dual Conversion Receiver, 6 1/2 x 4 x 1 1/2 inches, 3 AA or 4.5v DC.

Nine Bands:

FM: 76-108 Mhz, 10.7 Mhz IF.

SW: 5.775 -6.425; 6.875-7.525; 9.375-10.025; 11.6.5-12.265; 15.00-15.65
17.50-18.15; 21.325-21.975. 1st IF 10.7 Mhz; 2nd IF 455 Khz.

MW: 530 - 1710 Khz; 455 Khz IF.

Analog Tuning dial, volume control, music/news tone switch, 7 position SW band selector. FM/MW/SW select buttons double as "on" switches. "Off" button. "Hold" button to disable "on" (prevents accidental turnons) Slide rule, multicolumn frequency display. Hand strap, foldout stand to hold at angle on table, soft carrying case. Basic shortwave guide. Telescoping antenna. FM/MW/SW "on" and tuning LEDs. Mono earphone jack.

Subjective Review:

I'm pretty impressed. Sensitivity is up there with the Pomtrex [:-)] without the "splatter" of strong stations. Analog tuning dial requires a delicate touch but for me that's part of the fun. Drift seems nonexistent; you get a station and it keeps it without a lot of vernier twiddling. MW performance was surprisingly good, as was FM. I'd recommend it as a starter radio.

****
Sony ICF-5100 - 1

I bought this radio in Kuala Lumpur in 1988, and I'm not sure if it goes by the same model number in other parts of the world. It is a shirt pocket analog tuned radio with coverage from 6MZ to about 21MZ in seven bands. The radio is very rugged and has served me well despite of the physical abuse it has gone through. Because of its small size the speaker is only small and the sound from it it a little tinny, but I used it mainly to receive news in countries without English language news services and in remote areas while camping etc. I recommend this radio to anyone, who considers size the most important factor. Cost was about US$70.

****
Sony ICF-7601 - 2

In some respects this is my favorite radio. No bells no whistles no FM stereo -- just a good solid (feels like a small brick) analogue unit. It covers AM, FM and has 10 SW bands that cover most of the "out of band" frequencies. Band switching on SW is done by a slide on the front of the radio while buttons are used to switch from AM to FM to SW. The dial is accurate to 5 kHz so is very easy to locate a station. I believe that it was simply the best low cost analogue rig out there. It's still around and can be had for well under $100.00. Grab it!!

I have a 7601 also. Most of its weight is from the batteries and the speaker, giving it better tone and volume than smaller, lighter sets.

As with other cheap analog sets, it wasn't very hot out of the box.

If you "super tweek" the 7601, it's pretty good on AM, but no match for a 2010 or Superradio III. Most of the shortwave bands peaked up well, but I never could get 19 meters working right. As with most analog portables, the whip is part of the RF tuned circuit, so one must be careful to duplicate the exact listening conditions when tweeking the radio. Even the presence of headphones will shift the antenna tuning.

Unfortunately the 7601 picks up FM stations at various places on the shortwave bands. If you're far enough away from FM and TV stations you might have room for an R-390.

When going on trips I usually take my SW-1 because of the convenience of the presets and the reception flexibility provided by the active antenna that comes with it.

****
Sony ICF-SW33 - 1

I've owned this radio (SW33) for about 9 months and use it as my "carrying around the house rig." It was purchased to replace a Sony 7601 that now resides on my desk at college (things electronic can grow legs on a college campus). By far the best features of this unit are its convenient size and excellent performance on all bands, AM, SW and FM stereo. Don't get me wrong -- this is not a DX machine on SW but for listening to the major broadcasters, it's excellent.

The single filter selection seems just about right and tuning on SW is in 1 kHz intervals. This at least gives you a "fighting chance" to move away from interference. That's a major improvement over the 5 kHz that many radios in this price range allow. In addition, the dual conversion design on SW keeps image interference at bay - a major plus for a small portable.

The radio does not have a keypad so entering frequencies is a bit clumsy. However, by entering the middle frequency of each of the major SW bands in the 7 memories (5 memories plus 2 timer memories) and slewing up or down from those positions you can get around reasonability fast. The SW bands are changed by a combination of 2 keystrokes.

The sleep control (shuts the radio off after 1 hour) can let you be lulled to sleep and the timer alarm can make sure that you get to work on time (radio shuts down after 2 hours if it is turned on by the timer). Setting the radio alarm is very easy - once you have set the clock, but that frankly, is a pain. The clock function, which works very well (combination world/home time), takes at least 7 distinct steps to set it. Fortunately the clock is fairly accurate (looses about 0.2 sec/day) so you don't have to reset it very often. The lighted dial (stays on for 20 sec at the touch of a button) is a nice touch.

Battery life is excellent contrary to the 1994 Passport to World Band Radio (see below). The radio has a battery "gauge" that is

activated at the touch of a button radio and shows in the display
as a battery icon with 3, 2, 1 or 0 dots inside of the battery outline.
It disappears after about 5 seconds. As soon as the number of
dots reaches 0, the radio shuts off immediately. I ran a a series of
tests with Radio Shacks Super Alkaline batteries and got the
following results: 3 dots showed for 37 hours, then 2 dots showed
for an additional 11 hours, and finally 1 dot showed for 3.0 hours
for a total of 51 hours. (Radio ran 1.5 to 2.5 hours/day with the
volume control set at 1/2 volume most of the time). At $2.89 (plus
5% for tax) for a package of four AA batteries (the radio takes 3),
that figures out to 4.5 cents/hour which is excellent. This figure differs
greatly from that given in the 1994 Passport (25-30 cents/hour). I have
no explaination for the difference but I stand by my test values.

Would I recommend this radio to anyone? If you do a lot of band-
scanning, forget it; it will drive you crazy. But at about $140.00 plus
shipping (NYC mail-order) it's an excellent "second" radio to carry
around for listening to the major broadcasters. I like it!

****
Realistic DX-440 - 2

I have a DX-440 and I think it is a good 'dabble' radio but if I
ever get serious I will look for a > $500 table model.

I love this radio! It's my main radio and I use it
exclusively at home, moving it from room to room. It really is
too large for travel

I've found the sensitivity to be tremendous on SW, MW
and FM! Very rarely do I need to attach a clothsline
antenna! It has continuous SW coverage, a great sounding
speaker, BASS and Treble controls, two bandwidths, great
sensitivity, good spurious signal rejection...It has
all the features I wanted in a starter radio! I bought
it about three years ago on sale for $150.00! I still
don't know why Radio Shack discontinued it. If you're
looking for a good starter shortwave radio and can still
find one laying about at a Radio Shack store priced to move,
GRAB IT!

****
DAK DMR-3000 - 1

I bought this radio since they have a 30-day money back guarantee
and I did not know if I would like the hobby or the radio. Good
points: direct-entry tuning, 36 station memories, fairly small so
it is easy to travel with, speaker sound was good, reception was
okay, but improved dramatically with the addition of the Radio
Shack 23' rollup longwire ($8.95). Bad points: only 5kHz tuning
steps, only major broadcast bands tunable (large gaps between
bands), selectivity not so good, no fine tuning, no BFO, no SSB

or CW, poor FM reception. All in all, not a bad radio of $69.90, however, it left me wanting for more, so I got rid of it.

I have seen a couple of posts asking for a low cost SW receivers. I have recently bought a DAK Model DMR-3000, for just $69.90+$6.00 shipping from DAK - a mail order company.
The receiver has a direct access, so you can type in the desired frequency, and a manual / automatic scanning system. It also has a dual time clock with alarm and 'sleep' timer. Unfortunately you can tune only to the commercial frequencies on SW, AM and FM bands. I have to say though that cheapness comes at a price. The first receiver I got was defective so I had to ship it back and ask for a replacement. Now, I received a new one which works very well.

Compared to my Sony ICF-7601 the DAK unit is an insensitive brick. The fancy clock and timer features aren't really worth it. About the only thing nice is the FM Stereo support if you plug in headphones but the FM sensitivity leaves much to be desired as well.
Something else to watch for.... That pretty lettering on the buttons will wear off REAL fast. If you haven't used it much yet you won't see a wear off REAL fast. If you haven't used it much yet you won't see a problem. After you've done some tuning you'll see the pretty arrows disappear from the buttons.

****
Sangean ATS-803A - 1

Since I was now turned on by SWL'ing, I moved up to what most people agree is the best all-around radio for this price. Good points: excellent frequency band coverage (150kHz to 30mHz), fine tuning, good selectivity, BFO for SSB and CW, many scanning options, lots of accessories included, good AM and FM reception. Bad points: way too big to travel with, high battery consumption, synthesizer noise in background all the time, scanning frequently skipped lots of "listenable" stations that I was able to get by manual tuning (what's the use in scanning, then?). I found that adding a longwire antenna only increased interference and noise while not improving the set's scanning sensitivity. Overall, a fairly good radio for the price...

I have a Sangean ATS803A which I love. Comments to quote me on would be that it's an excellent beginner's radio for the price. Although I've heard that the 818 is the "latest and greatest" in this price/performance category. I especially love the full coverage 150kc-30mhz and the (albeit lo tech bfo) SSB capability.

****
Sony ICF-SW20 - 1

I was in dispair when I could not find a decent travel portable for under $200. However, I accidentally crossed paths with a Sony ICF-SW20 on sale (normally $99, on sale for $49.99) at a local store and had to check it out. It is an analogue set, but since I got a 30-day return policy on it, what the heck? Good points: analogue tuning so no problem with confining 5kHz tuning steps, INCREDIBLE SENSITIVITY - this radio blew the DAK and Sangean away with the number of stations I picked up, good selectivity (no fine tuning knob - all you need to do is turn the tuning knob slowly), tiny size (4"w x 3"t x 1"d), small whip antenna (only 18"), addition of Radio Shack rollup longwire increased sensitivity even more, great low price (if I lose it or its gets destroyed, no problem replacing it), tuning bands are wider than the major broadcast bands, so you do get some utilitiy reception as well as WWV, AM and FM are really sensitive while FM goes from 76mHz to 108mHz so I can pick up some TV as well. Bad points: frequencies cover only seven broadcast bands (I can live with that, though), only monaural earphone included (however, you can get a $1.39 mono to stereo headphone plug), no BFO for SSB or CW, no station memories. All in all, this radio gave me the best price/features/size ratio of the ones I checked out first-hand. It's a keeper for me!

****
Magnavox 3625 - 1

Finally received my Magnavox 3625! Well, I'm certainly happy I purchased this little radio. Sure, it's not top shelf, but it's suitable for travel purposes and gives adequate SW coverage.

Has these features:
Travel Lock
Alarm (beeps, does not turn on radio)
Sleep Timer
9/10 KHz switch - for world travel
12 hour clock (however, when unit is swith to 9 KHz steps 24 hour clock kicks in)
20 presets - 5 for each band FM, AM, SW1, SW2
Dual time
Auto store - this feature allows the radio to automatically find the five strongest stations in an area and program
them into the memory of the FM & AM band.
Back stand
Antenna swivels and rotates
Runs on four AA batteries.

Well, the sensitivity is quite good. Steps in 1 KHz increments. No tuning knob but the slew tuning buttons work just fine. It's about the size of a paperback book and can be taken anywhere reasonably well. No carrying strap,
though. The SW coverage is limited but it grabs the major broadcasters exceptionally well. Example: the 41 meter band is

covered from 7100 to 7300. So if you want to listen to the BBC on 7325, you're oput of luck.

However, I like to listen to the BBC on 12095 or 15070 European signals during the day that I cangrab when I attach a long wire. The 3625 can't tune these freqs. but it can grab 15400 (from africa) WITHOUT a long wire antenna! I'm pretty impressed.

Bottom line....A GREAT little travel radio for $70.00! Call a Magnavox outlet if you are interested.

****
Magnavox AE-3805 - 2

Great little digital portable. Good sensitivity, average selectivity. Covers MW (in 10 kHz steps only), FM (no stereo), and SW in two "bands": 3200-7300 kHz and 9500-21750 kHz. Built-in timer/clock (12 hour format only), 5 programmable memory locations per band. Great for travel use.

Purchased from Damark for $49 in May, 1993.

$50 from Damark closeout -- cheapie category

****
Emerson PSW-4010 - 1

Great analog portable. Good sensitivity and selectivity. Covers MW, FM (stereo through headphones), and SW in 8 bands (roughly split out as 13m, 16m, 19m, 25m, 31m, 41m, 49m, and 60/75/90/120m). An excellent travel portable.
This is the same radio as the Sangean SG-789.

Purchased from DAK for $49 in June, 1988.

****
Sony ICF-5900W - 1

Sony ICF-5900W was a good radio in its day, but isn't worth listing now.

****
Icom IC-R70 - 1

I purchased my R70 in early 1983. It came with a scratched plastic window for the digital display, which the factory replaced. It is an extremely sensitive receiver. I installed the FM detector board option, which is highly useful for Sub-Carrier detection from FM broadcast receivers in conjuction with the R70's ability to tune below 100khz without a frequency convertor. The so-called PassBand Tuning (PBT), in actuality an asymmetrical bandwidth narrowing control, is very mediocre with the factory 455khz filters. Replacing the 455Khz ceramic SSB filter with a Fox-Tango FT-44 2.4khz 8-pole crystal filter (equivolent to the ICOM FL-44) makes the passband

filter work as one would want. The AM 455Khz ceramic filter is junk,
and was replaced with a higher quality "4Khz" ceramic filter from
the long-defunct Radio Plus firm. The actual specs for the 4Khz filter
indicate that it is a slightly asymmetrical filter of 5.6Khz bandwidth,
causing a slight degredation of the "highs" (The original spec is
for a 6Khz bandwidth; the 9Mhz AM filter is a 6-pole device). Inclusion
of both replacement 455Khz filters results in a combined shape factor
of much better than 2:1 on AM or SSB. In addition, the RF amplifier
was enabled for AM broadcast band use, and an MOV was placed across
the AC input for protection against voltage transients. [Actually,
a Transorb would be far better in defending against narrow transients.]
For awhile, I replaced the diode AM detector with a Shottkey diode,
but my ears could detect no difference in distortion, and so the
original AM diode was returned to the circuitry. It's been serviced
once by ICOM for an intermittant problem ($150 ouch). There exists
several modifications to enable selection of the 455Khz SSB filter
whilst in AM mode for additional selectivity.

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YORX AM908 - 1

****
Drake R8 - 1

****
Drake SPR-4 - 1

****
Icom R-71A - 2

Eskab & Edvis of Sweden used to offer a Phase-Locked AM (PLAM) detector for
the R-70 and later R-71; they also offer a version for the NRD525. I have
the R71 version. It is a synchronous detector which allows selection of USB
or LSB via the IF filter/BFO offset. The PLAM board phase-locks one of the
R71 local oscillators (I forget which one, probably the BFO) to the AM
carrier. It contains its own product detector. The lock range is not very
large, perhaps +/- 20 Hz. The detector seems to have lower distortion than
the ICOM AM detector.

Compared to ECSSB, aside from the advantages of phase-locking the product
detector BFO, the PLAM unit also lowers the corner-frequency of ICOM's
low-pass audio filter, giving better bass response than normal SSB mode on
the R71. I find that this improves the intelligibility of the signal.

The PLAM board piggybacks in the mounting area for the ICOM FM option
board; both can coexist. Installation is somewhat difficult, as it involves
connecting over a dozen wires to various boards in the R71.

Eskab & Edvis also offered a 4 KHz 2nd IF crystal filter for the R71. This
installs fairly easily in place of the narrow CW filter. It is very much
better than the stock ICOM 6 kHz bandwidth, which is wide-open until it
hits at cheap ceramic filter in the 3rd (455 kHz) IF.

I don't know if Eskab & Edvis still offer the R-71 PLAM and 4 kHz filter.
They used to advertise in the WRTH.

Regarding other options: I believe Sherwood Engineering offers an outboard
synchronous detector for the R71 as well as other receivers. The Kiwa MAP
unit should also be adaptable to the R71.

Also, Dom Moman of Shortwave Horizons publishes a modification manual,
which details mods like enabling the preamp on MW, true pass-band tuning,
sub-10 Hz RIT, etc.

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Kenwood R-2000 - 1

****
Kenwood R-5000 - 1

****
Kenwood TS-450-1

I know it's not a reciever, but since it has general coverage,I decided to
put it in here.The TS-450S iaN amateur transciever that costs little more than
a R-5000,and if you have your ham ticket or are thinking about getting it,may
be worth checking out if you are in the market for a new toy.I'd be willing
to bet the replacement for the 5000 will look just like the 450,just like the
5000 looks like the 450's predacessor,the TS440S.First thing it is EXACTLY
the same size as the 5000/440.Unlike the 5000/440,it has an LCD display that
is unlike any other I've ever seen.It is almost too bright!The brightness
cannot be adjusted,unfortunatly.The 450 recieves in all the standard modes
except for fax.It has a"normal"keypad unlike the 5000 and the aggravating
CW that is producewhen a major button is pressed can be silenced by y
-a simple menuss,you dont have to cut a wire like the 5000he S-Meter
is a bar-graph type that I like but some people dont.It also has an Audio
meter function that kin baffles me.I still dont know what use it is,but it
looks nice!Probably the most notable thing you will observe when using the
450 is the QUIET!It is so quiet,it seems strange the first couple of times you
use it.The AGC is non-defeatable and has a fast/slow toggle.It is the strangest
and slowest AGC I've ever seen,on slow the S-Meter just sits there and then
SLOWLY goes down.On fast,it just isn't quite so slow.It seems to work ok,but is
really odd.The stock filter for AM is a mile wide but you can add the YK88 AM
filter but you wll lose the open slot for the 8.83 ssb filter.I'm not sure,but
the 450 seems to have the same stock am filter the 5000 has.On SSB,it uses one
of the better Murata ceramic filters and is ok but the optional SSB filters are
highly recommended.The audio is FANTASTIC on all modes and if you put one of
the minimus speakers from Radio Shack on it,you will like it a lot.Dont bother
with the Kenwood speakers,the one that goes with the 450 is not too good and is
expensive too!The ergonomics are pretty good,except for the tuning knob,yes
like all the recent vintage Kenwood rigs,IT DOESN'T HAVE A FINGER HOLE!!Why
does Kenwood insist on putting these awful knobs on all the rigs they have made
lately!All in all,it is a very good riever in almost all respects,and since t
it only costs about $100 more than a 5000,it is worth a lookND as a bonus,
the recieve coverage goes up to 40 mhz!If you are into low band scanning,you
will hear things on the 450 you never knew existed on your scanner.If you can

swing the 450's sister model the TS690,you can recieve all the way to 60 mhz. When the 5000 is put out to pasture,if it's replacement is the 450 without the transmitter,it will be very tough competition for the other makes.All it needs is Sync.detection and you really couldn't ask for much more.

****
Japan Radio Company NRD-515

THE all time most user-friendly recieveof recent vintagHas PBT,analog fine tune,four I.F.bandwiths,AM,LSB,USB,and RTTY modes.There is no squelch but it really doesnt matter much.Of all the recievers I have owned,or ad over here to play with,it is the most sensitive in the SSB modeI have the standard 6 and 2.4 khz filters,and th600 and 300 hz filters whitch are great for RTTY or CW(if you are truly desparate!)The "protection"diodes have been removed due to intermod from a local AM station.The reciever's case,front and back panels are made of Aluminum,no plastic to crack on the 515!The audio in AM is very bad,almost as bad as the Icom R-71a,but in a different way.The audio is "fuzzy"out of the speaker jack,but not too bad out of the record jack but still a little "fuzzy".In the SSB modes,the audio is pretty clear and doesn't fatigue me like the Icom dos far as thergonomics goes,it's almost prefect!All the knobs are the right size,the tuning knob is large and has a nice deep finger hole(Kenwood,are you listening???).The S-meter is big and easily seen across the room.Dynamic range is very good after the diodes have been clipped(a one minute operation).The filters all are good quality and have good shape factors.This was the first "affordable"rig that had a memory option that was worth something with 24 or 96 channels available. The NDH-518 I have(96 ch.)is also made totally out of cast and sheet aluminum and matches the 515's styling.It stores frequency only,unfortunatly, due to the year it was designeIm guessing.There are lots of these recievers floating around on the used market for about $600 or so.Universal seems to have a lot of them passing thrgh the store.

****
Japan Radio Company NRD-525 - 1

This is a great reciever,marred only by bad audio and a hiss that will drive you bonkers if you have good hearing and a speaker that can put out the highs. I have had two of these,the first I traded for a sateite setup,and the one I have now.The newer reciever has mucbetter audio then the first one and lesess hiss too.Ergonomics are very good MUCH,MUCH better than the Drake R-8.(IMHO,the Drake is seriously overrated and all the stuff about made in the U.S.A.is kind of funny cause a LOT of the innards are MADE IN JAPAN!!!)Oh well,back to the 525,if you are into AM,it's probably not the reciever for you, but in allthe other modes,it is one of the best consumer grade recievers ever made.Performance in all modes is basically excellent except fothe audio pr problem,and stability is rock solid.JRC has only cut a few corners compared to the 515,probably the ultimate in construction for consumer recievers. The case is made of very thin sheet metal and the front panel is plastic.The keys fit loose in the keypad but work ok.The display has four brightness levels and is very easily read from across the room.The S-Meter is "digital" and is a floating vertical bar segment that seems to be yellow on some samples,

and green on some others.It is sort of "spastic"and twitched a lot on the first one I had,but not as much on the seconone.The first 525 I had would "click" on strong AM signals,but the new one doesn't.The main tuning knob spins very smoothly and has a nice finger hole.(KENWOOD,WHY DONT YOU LISTEN!!) All in all, a great reciever.

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Japan Radio Company NRD-535D - 1

****
Yaesu FRG-100 - 1

****
Panasonic RFB-65L - 2

$220 from Universal, EEB, etc. -- my main set, an excellent portable, many features, nice construction and details.

****
Sony SW-55 - 2

This is my principal radio at the present time (I also have the Sony ICF-SW33 and the Sony 7601). This rig is an extremely sophisticated piece of equipment. I especially like the fact that you can store up to 125 frequencies on 25 electronic pages that can be named as you wish (by country). Once programed this is very convenient. The two filter selections are well chosen (much better than the stock Sony 2010 filters). My use the radio to copy WEFAX with excellent results attests to its stability (and that it receives USB and LSB).

The versatile timer/alarm and tape remote feature allow automatic recording with certain tape recorders (Sony and others) of up to five times and frequencies in a 24 hour period. I use this feature all of the time. Audio (stereo on FM) qualitity for a portable is very good; better I believe than the stock 2010 although as with the 2010, it is improved with a set of external speakers.

Unlike the 2010, the SW55 does not have synchronous detection. That's too bad because I believe that if it had this feature it would blow away
tition. As it stands it is an excellent radio. Most interference can be eliminated with the narrow filter or moving away from the interference a bit (the radio is tunable in steps of 0.1 kHz) so the lack of sd is not critical. I really believe that Sony did not include it because it would have then had a very negative impact on sales of the SW77.

Would I buy this radio again. You bet! The only problem I've had in the year an
owned it is that the lettering has worn off the 1, 5, 0 and EXE keys on the keypad. That should not happen on a $300.00 radio!

I just got a SW-55 for Christmas and find it to be an outstanding radio. Now that I've said that, you should know that I am new to all of this "DX-ing" (is that how you say it?). However, I can tell you that it's reception with the built-in antenna and with the included auxiliary antenna is very good. I found that the radio comes pre-programmed with a number of stations (BBC, Radio Moscow, etc.) and they come in great.

As for your questions, I've found the speaker in the SW-55 to be very high quality, delivering plenty of volume and good sound. There are several "tone" switches (news vs. music setting, etc.) that enhance the reception and its sound. And, the unit is packaged well for travel.

The radio itself has several nice features (I don't know how they compare to other radios since I didn't comparison shop). There are several output jacks that make it easy to connect to external speakers, tape recorders, headphones, etc. There are local/long distance antenna settings. There are lots of ways to set and look at the time (local, UTC, Daylight savings, etc.) There are alarms and sleep settings (for on the road).

The tuning portion is quite nice. The radio of course offers digital tuning (punching numbers in to get to a freq.). But I find that I often use the "analog" tuning dial as well to either fine tune a station or to see what else is out there.

Best of all, the unit is packaged well. As a new user, I have enjoyed the little things Sony has done to make this experience a good one for the new user. Everything from the documentation to the carrying case has made it quick and easy for me to start listening to short wave. Included is a book that is a publishing of all the various countries broadcasting, with their freqs and times. (I gather that these things change quite a bit, but I presume that Sony updates it often)

****
Philips AE3905 - 1

In short, in my experience, the AE3905 is no real great shakes. It looks neat as hell, and marks its owner as a man of taste and distinction with more money than brains (like I said, *I* have one). Its shortwave performance is mediocre. Using this in a hotel last February, I found that attaching the included reel antenna caused the radio to overload fairly badly. The batteries don't last very long. The filters included are fair, but you still get a fair amount of interference from adjacent stations (not as bad as some small portables, but not good). I certainly wouldn't want to use this as my primary radio. For portability, it's fantastic. I can listen to the BBC or VoA anywhere. The radio fits in my shirt pocket, although reception in my pocket isn't all that good. In short, the radio isn't worth what Philips charges for it, but if you've got more money than you know what to do with and a desire to have a flashy looking toy, it'll do. The radio has only recently been available in small quantities in the U.S., and appears to have been discontinued in Europe. I got a reconditioned copy for $179 from the Magnavox factory outlet in

Kentucky. Universal lists the radio in their catalog for
something like $250 new if I recall correctly. You're not likely
to find it anywhere else.

John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

1482. Re: Cordless phone freq list...

Newsgroup: rec.radio.scanner
Date: 1994-03-01 13:27:19 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2kvfrn$ca6@samba.oit.unc.edu>
Source record: 276640

In article <1994Feb27.191241.1542@sarah.albany.edu>,
Mike Lazaro <ml7923@endive.albany.edu> wrote:

(Snip)

>>>46.910
>>>46.930
>> ^^^^^^ That's bad too.
>>
>>Last one should be 46.970
>>
>Almost there. :) Gotta replace the 46.91, not the 46.93, with 46.97.
>
>mike [=
>

Uh, don't I feel silly now. Hit CR in the wrong place. Mike's right on this one, folks. (not like I can't look at the display correctly on my scanner :( ).

Sherrod

--
The opinions expressed are not necessarily those of the University of North Carolina at Chapel Hill, the Campus Office for Information technology, or the Experimental Bulletin Board Service.
internet: laUNChpad.unc.edu or 152.2.22.80

1483. Re: PSB V1.0

Newsgroup: rec.radio.scanner
Date: 1994-03-01 13:29:10 UTC
From: Gabriel Evans <gevans@panix.com>
Message-ID: <2kvfv6$s6f@panix.com>
Source record: 276641

In <CLyqs3.7M4@noose.ecn.purdue.edu> kronz@periphae.ecn.purdue.edu (Jason A Kronz) writes:

>Well here it is the first version of the Pocket Scanner Book...(PSB)
>It is a Postscript file. which has been compressed and uuencoded.
>It prints eight pages per one regular page...
>IF someone want's just the ascii version let me know...Ill post it too..

Hi Jason - I'd like to see the ASCII version please. Maybe if
anyone's interested I'll convert to Word for Windows (2.0 or 5.0, let
me know)

Thanks Jason!

--
Gabe Evans
Transplanted Mancunian
gevans@panix.com

1484. Re: freq to monitor Clinton & Majors in Pgh

Newsgroup: rec.radio.scanner
Date: 1994-03-01 14:49:25 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar1.094925.1@uoft02.utoledo.edu>
Source record: 276642
Cross-posted to: alt.radio.scanner,rec.radio.scanner

stevenp@hebron.connected.com (Coz) writes:
> Jerry Sy (ah301@yfn.ysu.edu) wrote:
>> Pres Clinton and PM Majors will be in Pittsburgh tomorrow,
>> anybody knows what frequency I should monitor ?
>
>> please email responses if possible
>> thanks in advance
>> jerry N3RKD
>
> CNN. When they came to Seattle everything was encoded.

When this is the case, often the best reports come from the local police, airport police, etc. They often don't encrypt, as many PD's don't have enough money to buy a scrambled radio for every officer involved in the visit.

Later...

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1485. Radio Shack antennas any good?

Newsgroup: rec.radio.scanner
Date: 1994-03-01 17:27:33 UTC
From: bbb@kuhub.cc.ukans.edu
Message-ID: <1994Mar1.112734.59664@kuhub.cc.ukans.edu>
Source record: 276643

Does anyone have experience with any of the Radio Shack
mobile scanner antennas. I've tried tieing into the car's normal
antenna, with dismal results. So now I'm looking at maybe getting
one of the units RS offers. I'm inclined towards their 'cell look-
alike' simply because I think it will be the least noticed.
(although $30.00 kinda smarts and before I spend that I want to
know it'll pull in 150MHz as well as 40.) I might consider
their 'rubber duck' extender too since I'm happy with my
pro-43's antenna performance,but that would be more hassle.

Any input welcomed.
Thanks
BB

E-Mail Welcomed.

1486. NEED FREQS FOR PA TO RI TRIP

Newsgroup: rec.radio.scanner
Date: 1994-03-01 19:49:10 UTC
From: daveh@frackit.UUCP
Message-ID: <4233@frackit.UUCP>
Source record: 276644
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Friday morning I am leaving on a trip from Harrisburg, PA to Newport, RI. I am looking for state police frequencies to listen to enroute and all interesting frequencies in the Newport area. Route will be I-78 in PA and NJ to I-287 (around NYC) in NJ & NY to I-95 in CT & RI. I have listed below frequencies that I have received so far from various sources. Anyone have any additions? Please email responses to dave.hultberg@paonline.com if possible due to the short leadtime. Thanks!
HARRISBURG, PA TO NEWPORT, RI MONITORING LIST

CITY ST FREQUENCY SERV CALLSIGN LICENSEE
HARTFORD CT 42.0400 PP KCA788 CONNECTICUT, STATE OF
CH 1 NORTH TROOPS H HQ W
WINDSOR LOCKS CT 42.0400 PP KUO878 CONNECTICUT, STATE OF
CH 1 NORTH TROOPS H HQ W
CT 42.1800 PP CONNECTICUT, STATE OF
CH 5 SURVEILANCES & SWAT TEAM
CT 42.2000 PP CONNECTICUT, STATE OF
CH 7 AIR TRAFFIC/CAR-TO-CAR
CT 42.3000 PP CONNECTICUT, STATE OF
CH 6
CT 42.3000 PP CONNECTICUT, STATE OF
ORGANIZED CRIME TASK FORCE
STAFFORD CT 42.3600 PP KCA784 CONNECTICUT, STATE OF
CH 2 EAST TROOPS C D E K
KILLINGLY CT 42.3600 PP KCA785 CONNECTICUT, STATE OF
CH 2 EAST TROOPS C D E K
MONTVILLE CT 42.3600 PP KCA786 CONNECTICUT, STATE OF
CH 2 EAST TROOPS C D E K
COLCHESTER CT 42.3600 PP KCA791 CONNECTICUT, STATE OF
CH 2 EAST TROOPS C D E K
CT 42.4200 PP CONNECTICUT, STATE OF
CH 8 AIR TRAFFIC/CAR-TO-CAR
WESTBROOK CT 42.4800 PP KCA223 CONNECTICUT, STATE OF
CH 3 SOUTH TROOPS F I HQ
BETHANY CT 42.4800 PP KCA789 CONNECTICUT, STATE OF
CH 3 SOUTH TROOPS F I HQ
SOUTHBURY CT 42.5200 PP KCA782 CONNECTICUT, STATE OF
CH 4 WEST TROOPS A B G L
NEW CANAAN CT 42.5200 PP KCA783 CONNECTICUT, STATE OF
CH 4 WEST TROOPS A B G L
WESTPORT CT 42.5200 PP KCA787 CONNECTICUT, STATE OF
CH 4 WEST TROOPS A B G L

LITCHFIELD CT 42.5200 PP KCA790 CONNECTICUT, STATE OF
CH 4 WEST TROOPS A B G L
CT 42.5800 PP CONNECTICUT, STATE OF
SPEED ENFORCEMENT
CT 42.6400 PP CONNECTICUT, STATE OF
AIR TRAFFIC
GROTON CT 140.3500 PP SUBASE NEW LONDON
CT 154.6650 PP CONNECTICUT, STATE OF
INTERTROOP/BEEPERS/AIR/PRISON
BRIDGEPORT CT 154.7250 PP BRIDGEPORT, CITY OF
PD
GROTON CT 155.0700 PP GROTON, CITY OF
PD
WINDSOR LOCKS CT 156.2100 PP KUO878 CONNECTICUT, STATE OF
TROOP W
NEW HAVEN CT 460.1000 PP NEW HAVEN, CITY OF
PD
NY 42.0400 PP NEW YORK, STATE OF
TROOP K
NY 42.1400 PP NEW YORK, STATE OF
TROOP K (RADAR TEAMS)
NY 42.3600 PP NEW YORK, STATE OF
TROOP K
NY 42.4800 PP NEW YORK, STATE OF
TROOP K
NY 42.5200 PP NEW YORK, STATE OF
TROOP K
NY 154.6650 PP NEW YORK, STATE OF
F2 CAR-TO-CAR
NY 154.6950 PP NEW YORK, STATE OF
F3 EMERGENCY CHANNEL
NY 155.0700 PP NEW YORK, STATE OF
F6 TACTICAL?
NY 155.3700 PP NEW YORK, STATE OF
F5 INTERSYSTEM
NY 155.4750 PP NEW YORK, STATE OF
F7 NATIONAL POLICE EMERGENCY
NY 155.5050 PP NEW YORK, STATE OF
TROOP K
NY 155.5200 PP NEW YORK, STATE OF
TROOP K
NY 155.5650 PP NEW YORK, STATE OF
F4 B.C.I.
NY 155.6250 PP NEW YORK, STATE OF
F8 DATA
NEWPORT RI 31.5400 PO KYU518 RHODE ISLAND, STATE OF
NEWPORT RI 31.6200 PO KYU518 RHODE ISLAND, STATE OF
NEWPORT RI 31.7400 PO KYU518 RHODE ISLAND, STATE OF
NEWPORT RI 46.0600 PF KCD292 NEWPORT, CITY OF
NEWPORT RI 46.4800 PF KCD292 NEWPORT, CITY OF

NEWPORT RI 47.6600 PS KNHX455 AMERICAN RED CROSS
NEWPORT RI 152.0075 PS KWI721 NEWPORT HOSPITAL
NEWPORT RI 154.7550 PP KCB245 NEWPORT, CITY OF
NEWPORT RI 155.1000 PL KLL981 NEWPORT, COUNTY OF
NEWPORT RI 155.3250 PS KNCH643 EDGEHILL NEWPORT INC
NEWPORT RI 155.3400 PS KWI721 NEWPORT HOSPITAL
NEWPORT RI 155.3850 PS KWI721 NEWPORT HOSPITAL
NEWPORT RI 155.6850 PP KCB245 NEWPORT, CITY OF
NEWPORT RI 155.7300 PP KCB245 NEWPORT, CITY OF
NEWPORT RI 155.7300 PP WXE443 NEWPORT, CITY OF
NEWPORT RI 156.4250 MC MARINE
NEWPORT RI 156.5000 MC MARINE
NEWPORT RI 156.8000 MC MARINE
NEWPORT RI 156.9250 MC MARINE
NEWPORT RI 158.9700 PP KCB245 NEWPORT, CITY OF
NEWPORT RI 450.2875 BA WZZ700 NEWPORT BROADCASTING
NEWPORT RI 455.0875 BA KEH581 KEY STATIONS INC
NEWPORT RI 455.1875 BA KEH581 KEY STATIONS INC
NEWPORT RI 455.2875 BA KEH581 KEY STATIONS INC
NEWPORT RI 455.3875 BA KEH581 KEY STATIONS INC
NEWPORT RI 461.5750 IB WNNA303 MALL AT NEWPORT JOIN
NEWPORT RI 462.6000 ZA KAB3938 TOURISM & DEVELOPMENT

73 de ka3uzr
--
Internet: dave.hultberg@paonline.com or DAVID_B_HULTBERG@MCHFMCCM.NAVY.MIL
ASM Troop 196, Keystone Area Council and a good old Bobwhite too....

1487. I just bought a PRO-43 and a PRO-2006

Newsgroup: rec.radio.scanner
Date: 1994-03-01 19:49:26 UTC
From: surreal@u.washington.edu
Message-ID: <2l0686$6ld@news.u.washington.edu>
Source record: 276645
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I just bought a PRO-43 and a PRO-2006.
I have started collecting news articles from rec.radio.scanner and
alt.radio.scanner. I'm curious if anyone else collects
pertinate articles on these two scanners, and, if its not too
much trouble, could you email me your collection? I hope to get
some spare time and compile a faq on these two scanners.
thanks surreal@u.washington.edu

ps b-t-w Don't Finger Me

1488. FCC License Data Sources

Newsgroup: rec.radio.scanner
Date: 1994-03-01 20:00:54 UTC
From: bill@thd.tv.tek.com
Message-ID: <1994Mar1.200054.18641@tvnews.tv.tek.com>
Source record: 276646
Cross-posted to: rec.radio.scanner,rec.radio.info

[last changed 01-Mar-94]

Changes preceeded by "|". Please e-mail corrections and additions to me.

| INTRODUCTION

This is a list of FCC license data sources available to scanner listeners.
| The FCC master contains a wealth of data about every non-government license
| in the United States. Most of the sources below contain a subset of this
| data, although a few contain all of it. Government licenses are not
| administered by the FCC, and the data is not available to the public.

If you are interested in purchasing the data, you might want to consider forming a co-op of people in your area to share the cost. As far as I know, this is legal since the information is in the public domain. You do this at your own risk, however.

| Prices are rounded to the nearest dollar and include shipping, if known.

C.E.T.

CET sells records of all stations inside a 30-mile radius for $80. (Major cities cost extra.) A 70-mile search costs $178. The data is provided on floppy disks and is available in ASCII columnar and comma-delimited formats.

CET does not provide data for licenses that do not contain specific geographic coordinates (i.e., mobile-only systems) or specific operating frequencies (e.g., amateur radio).

To do the search, CET requires the latitude and longitude of the center of the 30-mile radius. I calculated mine from a USGS topographic map I obtained at a local nautical supply store. Alternatively, you can obtain the coordinates for your town from the University of Michigan's geographic name server. Run "telnet 141.212.99.9 3000" and enter your zip code. For my area, the server returned the coordinates of the main post office.

CET can be reached at 800-445-0297.

GROVE

Grove sells FCC data on disk by state. The first state is $40, and each additional state is $30 (add $10 for CA, FL, TX). The disk comes with a database search program. Grove Enterprises can be reached at 800-438-8155.

MICROFICHE

Lee Reynolds (lee@tosspot.sv.com) has made available copies of the entire FCC master on microfiche for $75 a copy. There are three sets in all - by callsign, geographic area, and frequency - for a total of about 200 fiche. His current set is from early 1993. E-mail Lee for more information.

The Bearcat Radio Club sells the FCC master by state for $15. Bearcat Radio Club can be reached at P.O. Box 291918, Kettering OH, 45429.

PERCON

| PerCon sells a variety of FCC data on CD-ROM and floppy. CD-ROMs are
| available by state, region, or category, and floppies are available by
| state. Also available is a CD-ROM of the entire US (2.5 million records).
| Data is updated approximately every six months.

| State floppies are $35 per state. CD-ROMs are $100 each. CD-ROM sets are
| available at a discount. PerCon can be reached at 716-386-6015.

POLICE CALL

This is probably the most cost-effective source of public service license information. The detail is limited, but the information that is there is often more useful than the FCC master. For example, an entry in Police Call that reads, "Portland Police, Net 3, North Precinct," reads, "Portland, City of" in the master.

Police call is available in 9 volumes covering different regions of the US. It can be purchased at Radio Shack stores for $10 per volume.

SCANWARE ASSOCIATES

| ScanWare Associates sells a PC-based database program called the FCC
| Frequency Retrieval System V2.0. It comes with FCC data for one state,
| covering all services from 10 kHz through 2036 MHz. Data is updated
| approximately every six months (last update was Dec. 1, 1993).

| Cost is $35 for the first state and $20 for each additional state. (Add $5
| for CA, FL, TX, NY.) Discounts available for 6 or more states. Fully
| working shareware copy downloadable from their BBS at 206-871-4228
| (FCC200.ZIP). ScanWare Associates can be reached at 206-698-1383 (voice)
| or 206-698-8207 (fax).

| APPENDIX

| Here is table of data fields in the FCC master. Fields provided by various
| products are indicated by "*" or the field length, if known.

| PERCON PERCON PERCON POLICE SCAN
| DESCRIPTION SIZE CET GROVE FLOPPY US CD OTHER CD CALL WARE
| Frequency (or Lower Limit) 16 11 * 16 16 16 * 11
| Upper Frequency Limit 16 16 16 11
| Callsign 10 8 * 10 10 10 * 10
| Service Code 2 2 * 2 2 2 * 2
| Licensee DBA Name 40 40 40 40 40
| Licensee State 2 2 2 2

| Licensee Zip 9 5 9 9
| Licensee Address 35 30 35
| Licensee City 20 15 20 20
| Licensee Name 200 32 * 100 *
| Applicant Phone 10 10
| Transmitter Latitude 6 6 * 6 6 6 6
| Transmitter Longitude 7 7 * 7 7 7 7
| Transmitter Elevation 5 5 5 5 5 5
| Transmitter Height 5 5 5 5 5
| Transmitter HAAT 5 5 5 5
| Transmitter Effective Height 5 5 5
| TX Antenna Structure Height 5 5 5
| Transmitter Address 80 80 80 80
| Transmitter City 20 10 * 20 20 20 * 20
| Transmitter County 30 10 * 30 30 30 30
| Transmitter State 2 2 * 2 2 2 * 2
| Class of Station 4 4 4 4 4 * 4
| Type of Message Service 1 1
| Area of Operation 1 1
| Radius of Operation 4 4 4
| Antenna Type 10 10 10
| Antenna Elevation Angle 6 6
| Antenna Azimuth 6 6
| Antenna Polarization 3 3 3
| Antenna Gain 4 4
| Antenna Path Length 6 6
| Antenna Beam Width 8 8
| ERP Out 8 4 8 8 8
| ERP Units 2 1 2
| ERP Indicator 1 1
| Power Out 8 4 8 8 8
| Power Out Units 2 1 2
| Power Out Indicator 1 1
| Emissions 15 15 15 15
| License Issue Date 6 6
| License Expiration Date 6 4 6
| Operation Begin Time 4 4
| Operation End Time 4 4
| Number of Vehicle Mobiles 4 4 4 4 * 4
| Number of Portable Mobiles 4 4 4 4 * 4
| Number of Aircraft Mobiles 4 4 4 4 * 4
| Number of Marine Mobiles 4 4 4 4 * 4
| Number of Pager Mobiles 5 4 5 5 5

| ERP = Effective Radiated Power, HAAT = Height Above Average Terrain

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

1489. Help! Pro43 not working after attempted modifications

Newsgroup: rec.radio.scanner
Date: 1994-03-01 20:33:05 UTC
From: kohn@ICSI.Berkeley.EDU
Message-ID: <2l08q1$7jk@agate.berkeley.edu>
Source record: 276647
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Question: what temp do people set the soldering iron when
desoldering the antenna and CPU shelding? I tried to keep
it around 550F, but had to increase to a little over 600F
to get things to melt.

Anyway, what it does now is display all zero whenever
I hit the enter button. It seems to still know the difference
between good frequencies, since bad ones put up "Error" instead of 000.00000.
The stored channels are all zero now as well.
Can anyone please give me a hint as to if this is a problem
in the CPU board (solder spash or something) or if it is
actually displaying the freq from the main oscillator
(that I somehow fried).
Does anyone know a good place to get one of these repaired
(out of warranty obviously)?

P.S. I did use a proper anti-static workbench and soldering iron, etc.
I would recommend others attempting this procedure to be extremely careful.
(Some of those parts are so small I am afriad I might have sucked
one into the solder-sucker without even noticing!)

Thanks for any help,
Phil Kohn

1490. Re: Hams Using Motorola Equipt?

Newsgroup: rec.radio.scanner
Date: 1994-03-01 20:40:11 UTC
From: amullick@vaxc.stevens-tech.edu
Message-ID: <1994Mar1.154011.1@vaxc.stevens-tech.edu>
Source record: 276648

In article <2ktbq2$dr3@ornews.intel.com>,
bmiller@landesk.intel.com (Brett Miller - Support Engineer) writes:
>
> In article <2klfqs$rhk@usenet.INS.CWRU.Edu>
> cw400@cleveland.Freenet.Edu (Eric L. Bartholomew) writes:
>>
>>Any hams or scanner listeners out there using motorola equipment
>>for their hobby? I own a number of radios from Mot. and would
>>like to exchange ideas or neat mods. with other Motorola junkies
>>like myself.
>>
>
> Although I don't currently own any Moto equipment, I have several text files
> of Usenet messages which detail a few mods (mostly making repeaters out of
> old mobile units). If you are interested, I can email or post (if there is
> general interest).

I would be interested in any information available, not for my personal
equipment, but rather for some of the radio equipment in our ambulances.

Like the Motorola Radius we use for communicating with hospitals, etc.
Whoever programmed it included the ALS dispatch frequency, but didn't
include the CTCSS tone so its useless for communicating with ALS dispatch
or responding ALS units. Instead, when we're in the middle of a code,
ALS dispatch has to set up a patch between the HEAR frequency and ALS
dispatch, tying up two frequencies and the dispatch personnel, just so
we can communicate and coordinate with the responding mutual aid paramedics.

Or the Motorola System 9000, which has only five of its sixteen channels
programmed, and its scan bank empty.

Apu, EMT-D (NJ).....AMULLICK@vaxc.stevens-tech.edu
WARNING: I DISCRIMINATE
E-mail is dealt with immediately;
Snail mail, if I have nothing to do (never) or I'm bored (sometimes)

1491. PSB ASCII VER1.0

Newsgroup: rec.radio.scanner
Date: 1994-03-01 20:40:51 UTC
From: kronz@periphae.ecn.purdue.edu
Message-ID: <CM06s3.MLI@noose.ecn.purdue.edu>
Source record: 276649

OK, People have not understood what the Postscript version of this
is...

Well To be honest that is what makes this special...The information
contained in the PSB is just a compilation of a lot of the general
freqs that have been posted here on rec.radio.scanner...

The point of PSB was to combine them into a Small Package.
The final product is a 9 page little booklet that is about
2x3 inches and is VERY Small print.. I can make a 4x5 if
people want. It would be easier to read, but would lose it's
ease of slipping into a pocket.. Thus the Pocket Scanner Book...

The Postscript version should be able to print on most laser printers...
I've printed on IBM,Apple, and HP printers....

Are you guys having problems with the compression??? If so I'll
just post the uncompressed Post Script version...

Also If there are any blaring omitions let me know I'll update it...

Here's another idea I was thinking of appending a section on Mods,
basically the main ones , the PRO series and Uniden, and whatever else
Comments??

Anyways just so you know whats in it before you go through all the
trouble of printing it, heres the ascii version...

-jason Kronz
kronz@en.ecn.purdue.edu

-----Cut Here PSB.ASCII.VER1.0------

Pocket Scanner Book V1.0
2/18/94

Frequency Allocation (US I assume * by Broadcast.)

0.090 - 0.110 Radio Navigation - Maritime
0.110 - 0.130 Fixed - Maritime - Radionavigation
0.130 - 0.160 Fixed - Maritime
0.160 - 0.190 Fixed
0.190 - 0.285 Aeronautical - Radionavigation
0.285 - 0.335 Aeronautical - Maritime - Radionavigation
0.335 - 0.405 Aeronautical Radionavigation
0.405 - 0.415 Radionavigation
0.415 - 0.495 Maritime
- 0.500 Distress & Calling

0.505 - 0.510 Maritime
0.510 - 0.525 Aeronautical - Radionavigation
* 0.525 - 0.535 Broadcasting - Aeronautical - Radionavigation
- 0.530 Travelers Information
* 0.535 - 1.625 Broadcasting
- 1.610 Travelers Information
* 1.625 - 1.705 Broadcasting Fixed Mobile
1.705 - 1.800 Fixed Aeronautical - Radionavigation
1.800 - 1.850 Amateur 160 meter band
1.850 - 2.000 Amateur - Radionavigation - Fixed - Mobile
2.000 - 2.065 Fixed - Mobile
2.065 - 2.107 Maritime Mobile
2.107 - 2.170 Fixed - Mobile
2.170 - 2.1735 Maritime Mobile
2.1735- 2.2905 Mobile (Distress)
2.182 Distress Calling
2.194 - 2.300 Fixed - Mobile
* 2.300 - 2.495 Fixed - Mobile - Broadcasting
2.500 WWV Time Signal
2.505 - 2.850 Fixed - Mobile
2.850 - 3.155 Aeronautical Mobile
3.023 Search & Rescue
3.155 - 3.220 Fixed - Mobile
* 3.220 - 3.400 Fixed - Mobile - Broadcasting
3.400 - 3.500 Aeronautical - Mobile
3.500 - 3.750 Amateur 80 Meter Band
3.750 - 4.000 Amateur 75 Meter Band
4.000 - 4.063 Fixed - Maritime Mobile
4.063 - 4.438 Maritime Mobile
4.125 Distress - Safety
4.438 - 4.650 Fixed - Mobile
4.650 - 4.750 Aeronauticail Mobile
* 4.750 - 4.850 Fixed - Mobile - Broadcasting
* 4.850 - 4.995 Fixed - Land Mobile - Broadcasting
5.000 WWV Time Signal
* 5.005 - 5.060 Fixed - Broadcasting
5.060 - 5.450 Fixed - Mobile
5.450 - 5.730 Aeronautical
5.680 Search & Rescue
5.730 - 5.950 Fixed - Mobile
* 5.950 - 6.200 Broadcasting
6.200 - 6.525 Maritime Mobile
6.525 - 6.765 Aeronautical Mobile
6.765 - 7.000 Fixed
7.000 - 7.300 Amateur 40 Meter Band
7.300 - 8.100 Fixed & Land Mobile
8.100 - 8.195 Fixed - Maritime Mobile
8.195 - 8.815 Maritime Mobile
8.364 Search & Rescue
8.815 - 9.040 Aeronautical Mobile

9.040 - 9.500 Fixed
* 9.500 - 9.900 Broadcasting
9.900 - 9.995 Fixed
10.000 WWV Time Signal
10.005 - 10.100 Aeronautical Mobile
10.100 - 10.150 Fixed - Amateur 30 Meter Band
10.150 - 11.175 Fixed - Mobile
11.175 - 11.400 Aeronautical Mobile
11.400 - 11.650 Fixed
* 11.650 - 12.050 Broadcasting
12.230 - 13.200 Maritime Mobile
13.200 - 13.360 Aeronautical Mobile
13.360 - 13.410 Fixed - Radio Astronomy
13.410 - 13.600 Fixed - Mobile
* 13.600 - 13.800 Broadcasting
14.000 - 14.250 Amateur 20 Meter Band
14.350 - 14.995 Fixed - Mobile
15.000 WWV Time Signal
15.010 - 15.100 Aeronautical Mobile
* 15.100 - 15.600 Broadcasting
15.600 - 16.360 Fixed
16.360 - 17.410 Maritime Mobile
17.410 - 17.550 Fixed
* 17.550 - 17.900 Broadcasting
17.900 - 18.030 Aeronautical Mobile
18.030 - 18.068 Fixed
18.068 - 18.168 Amateur 17 Meter Band
18.168 - 18.780 Fixed
18.780 - 18.900 Maritime Mobile
18.900 - 19.680 Fixed
19.680 - 19.800 Maritime Mobile
19.800 - 19.990 Fixed
20.000 WWV Time Signal
20.010 - 21.000 Fixed - Mobile
21.000 - 21.450 Amateur 15 Meter Band
* 21.450 - 21.850 Broadcasting
21.850 - 21.870 Fixed
21.870 - 21.924 Aeronautical Fixed
21.924 - 22.000 Aeronautical Mobile
22.000 - 22.855 Maritime Mobile
22.855 - 23.000 Fixed
23.000 - 23.200 Fixed - Mobile
23.200 - 23.350 Aeronautical Fixed - Mobile
23.350 - 24.000 Fixed - Mobile
24.000 - 24.890 Fixed - Land Mobile
24.890 - 24.990 Amateur 12 Meter Band
25.000 WWV Time Signal
25.010 - 25.320 Petroleum Radio Service
25.320 - 25.600 U.S. Government
25.600 - 26.470 Broadcast / Broadcast Aux.

26.470 - 26.960 U.S. Government
26.960 - 27.405 Citizens Radio Service
27.430 - 27.530 Business Radio Service
27.540 - 28.000 U.S. Government
28.000 - 29.700 Amateur 10 Meter Band
29.700 - 29.800 Forest Products Radio Service
29.800 - 29.890 Fixed
29.890 - 29.910 U.S. Government
29.910 - 30.000 Fixed
30.000 - 30.560 U.S. Government
30.580 - 30.640 Special Industrial Radio Service
30.640 - 30.820 Petroleum - Forest Products - Motor Carrier
30.840 - 31.260 Business - Motor Carrier - Forestry Conservation
31.280 - 31.980 Forestry Conservation - Special Business
32.000 - 33.000 Fixed
33.020 - 33.160 Highway Maint.
33.180 - 33.380 Petroleum Radio Service
33.400 Business Radio Service
33.420 - 33.980 Fire Radio Service
34.000 - 35.000 U.S. Government
35.020 - 35.180 Business Radio Service
35.180 - 33.380 Petroleum Radio Service
33.400 Business Radio Service
33.420 - 33.980 Fire Radio Service
34.000 - 35.000 U.S. Government
35.020 - 35.180 Business Radio Service
35.160 Telephone Maintenance Radio Service
35.200 - 35.680 Paging
35.680 - 35.720 Business Radio Service
35.720 - 35.860 Special Industrial Radio Service
35.880 - 35.980 Business Radio Service
35.980 - 37.000 U.S. Government
37.020 - 37.420 Police - Local Government
37.440 Forest Products Radio Service
37.460 - 37.860 Power Radio Service
37.880 Forest Products Radio Service
37.900 - 37.980 Highway Maint.
38.000 - 39.000 U.S. Government
39.020 - 39.980 Police - Local Government
40.000 - 42.000 U.S. Government
42.020 - 42.940 Police (State)
42.960 - 43.000 Business Radio service
43.020 - 43.180 Special Industrial Radio Service
43.160 Telephone Maintenance (Mobile Units)
43.200 - 43.520 Paging - Special Industrial
43.540 - 43.680 Paging
43.700 - 44.600 Motor Carrier Radio Service
44.600 - 45.040 Police - Forestry Conversion
45.060 - 45.640 Police - Local Government
45.660 - 45.860 Police - Highway Maintenance

45.880 Fire
45.900 - 46.040 Police - Special Emergency
46.060 - 46.500 Fire Radio Service
46.520 - 46.580 Local Government - Radio Service
46.610 - 47.970 Cordless Phones (base)
47.020 - 47.400 Highway Maintenance
47.420 - 47.680 Special Emergency Special Industrial
47.700 - 48.540 Power radio Service
48.560 - 49.500 Forest Products - Petroleum Radio Service
49.520 - 49.580 Forest Products - Special Industrial
49.610 - 49.970 Cordless Phones - Handset (30 khz step)
50.000 - 54.000 Amateur 6 Meter Band
54.000 - 72.000 Broadcasting TV Channels 2-3-4
72.000 - 73.000 Fixed - Portable
73.000 - 74.600 Radio Astronomy
74.600 - 75.400 Aeronautical Navigation
75.400 - 76.000 Fixed & Portable
* 76.000 - 108.000 Broadcasting TV Channels 5-6 FM
108.000 - 118.000 Aeronautical Navigation
118.000 - 137.000 Aeronautical
137.000 - 138.000 Meteorological
138.000 - 144.000 U.S. Government
144.000 - 148.000 Amateru 2 Meter Band
148.000 - 149.900 U.S. Government
149.900 - 150.050 Radionavigation - Satellite
150.050 - 150.800 U.S. Government
150.815 - 150.965 Auto Emergency Radio Service
150.980 Petroleum Oil Spill Clean Up
150.815 - 150.965 Auto Emergency
150.995 - 151.595 Highway / Forestry / Industry
151.625 - 151.955 Business (30 kHz steps)
152.030 - 152.240 Mobile Telephone (Base) (30 kHz steps)
152.270 - 152.450 Taxi (Base)
152.495 - 152.855 Mobile Telephone (Base) (30 kHz steps)
152.870 - 153.725 Industry
153.740 - 154.445 Fire / Govt (mobile)
154.452 - 154.481 Govt / Industry (telemetry) (7.5 kHz steps)
154.490 - 154.625 Industry
154.650 - 156.240 Police / Govt / Emrgncy / Hwy
156.025 - 157.425 Maritime (ship) (25 kHz steps)
157.470 - 157.515 Auto Emergency
157.530 - 157.710 Taxi (mobile) / Business
157.770 - 158.100 Mobile Telephone (mobile) (30 kHz steps)
158.130 - 158.460 Industry
158.490 - 158.670 Mobile Telephone (mobile) (30 kHz steps)
158.730 - 158.210 Police / Govt / Highway
159.225 - 159.465 Forestry Conservation
159.495 - 160.200 Transportation - bus, truck
160.215 - 161.610 Railroad
160.625 - 160.950 Maritime - Coast (25 kHz steps)

161.640 - 161.760 {Broadcast Pickups
161.500 - 162.025 {Maritime - Coast (25 kHz steps)
162.025 - 174.000 (various, mainly US Government)
174.000 - 216.000 Broadcast TV chs 7-13 (6 MHz steps - FMw)
216.000 - 220.000 Maritime (25 kHz steps)
220.000 - 222.000 (Private land Mobile)
222.000 - 225.000 Amateur
225.000 - 400.000 US Government - Aero (AM)
400.000 - 406.000 US Govt - Meteorlogical / Space
406.000 - 420.000 US Government
420.000 - 450.000 Amateur / military radar

450 - 460 MHz: FM @ 25 kHz steps (450-455 base, 455-460 mobile)

450.050 - 450.925 Auxiliary Broadcasting
451.025 - 451.275 Power / Industry
451.300 - 451.500 Telephone Maint / Industry
451.525 - 452.025 Industry / Special Industrial
452.050 - 452.500 Taxi / Industry / Transport
452.525 - 452.600 Automobile Emergency
452.625 - 452.950 Transportation - Trucks / Railroad
452.975 - 453.000 Relay Press
453.025 - 453.975 Local Govt / Public Safety
454.025 - 454.650 Mobile Telephone
454.675 - 454.975 Mobile Telephone Air
455.050 - 455.925 Auxiliary Broadcasting
456.025 - 456.275 Power / Industry
456.300 - 456.500 Telephone Maint / Industry
456.525 - 457.025 Industry / Special Industrial
457.050 - 457.500 Taxi / Industry / Transport
457.525 - 457.600 {Maritime - shipboard repeater
{Business - low power
457.625 - 457.950 Transportation - Trucks / Railroad
457.975 - 458.000 Relay Press
458.025 - 458.975 Public Safety / Local Govt
459.025 - 459.650 Mobile Telephone
459.675 - 459.975 Mobile Telephone Air

460 - 470 MHz: FM @ 25 kHz steps (460-465 base, 465-470 mobile)

460.025 - 460.550 Police / Public Safety
460.575 - 460.625 Fire
460.650 - 460.875 Business - Airport use
460.900 - 461.000 Business - Central Alarms
461.025 - 462.175 Business
462.200 - 462.525 Manufacturers / Industry
462.550 - 462.725 GMRS
462.750 - 462.925 Business (paging)
462.950 - 463.175 MED (Ambulance/Hospital)
463.200 - 465.000 Business
465.025 - 465.550 Police / Public Safety

465.575 - 465.625 Fire
465.650 - 465.875 Business - Airport use
465.900 - 466.000 Business - Central Alarms
466.025 - 467.175 Business
467.200 - 467.525 Manufacturers / Industry
467.550 - 467.725 GMRS
467.750 - 467.925 {Business (low power)
467.750 - 467.825 {Maritime - shipboard
467.950 - 468.175 MED (Ambulance/Hospital)
468.200 - 469.975 Business
470.000 - 512.000 {Broadcast TV, chs 14-20
{Large Metro Public Safety 5 MHz steps -FM)
512.000 - 806.000 Broadcast TV, Chs 21-69

806 - 896 MHz: FM @ 25 kHz steps (mobile 806-851, base 851-896)

806.000 - 809.750 General - conventional
809.750 - 816.000 General - trunked
816.000 - 821.000 SMR - trunked
821.000 - 824.000 Public Safety - trunked (12.5 kHz steps)
824.040 - 834.360 Cellular Telephone (30 kHz steps)
834.390 - 835.620 Cellular Telephone (data) (30 kHz steps)
835.650 - 848.970 Cellular Telephone (30 kHz steps)
849.000 - 851.000 Aircraft Telephone (5 kHz steps -AM)
851.000 - 854.750 General - conventional
854.750 - 861.000 General - trunked
861.000 - 866.000 SMR - trunked
866.000 - 869.000 Public Safety - trunked (12.5 kHz steps)
869.040 - 879.360 Cellular Telephone (30 kHz steps)
879.390 - 880.620 Cellular Telephone (data) (30 kHz steps)
880.650 - 893.970 Cellular Telephone (30 kHz steps)
894.000 - 896.000 Aircraft Telephone (5 kHz steps -AM)
896.000 - 901.000 Business / Industry / SMR (12.5 kHz steps)
901.000 - 902.000 General Purpose Mobile Radio
902.000 - 935.000 ()
935.000 - 940.000 Business / Industry / SMR (12.5 kHz steps)
940.000 - 941.000 General Purpose Mobile Radio
944.000 - 947.000 Broadcast Studio-Transmitter Link
947.000 - 952.000 Broadcast Inter-city Relay
952.100 - 952.700 PRIVATE MICROWAVE SERVICE
952.800 - 956.100 PRIVATE MICROWAVE SERVICE
956.262 - 956.437 PRIVATE FIXED SERVICE
956.500 - 959.800 PRIVATE MICROWAVE SERVIC
959.862 - 959.987 Common Carrier
960.000 - 1215.000 Aviation Services
1215.000 - 1300.000 Amateur
1220.000 - 1350.000 L Band Military Radar
1427.000 - 1435.000 Business Mobile Aeronautical
1435.000 - 1535.000 Satellite Telemetry
1535.000 - 1559.000 Communications Satellites

1612.000 - 1727.000 Radio Astronomy
1635.000 - 1660.000 Commenications Satellites
1660.000 - 1690.000 Weather SONDES
1690.000 - 1700.000 Meteorlogical Satellites
1700.000 - 1710.000 Space Research
1710.000 - 1850.000 Government
1775.700 - 1831.800 USAF SPACE SHUTTLE UPLINK
2041.900 - 2106.400 NASA SPACE SHUTTLE UPLINK
1990.000 - 2110.000 Studio to transmitter Links
2110.000 - 2180.000 Public Common Carrier
2180.000 - 2200.000 PTP Fixed
2200.000 - 2290.000 Government
2290.000 - 2300.000 Space Research
2300.000 - 2450.000 * Amateur
2450.000 - 2500.000 Radar
2500.000 - 2560.000 Direct Broadcast Television
2560.000 - 2690.000 INSAT TV-1 DBS
2690.000 - 2700.000 Radio Astronomy
3000.000 - 3246.000 10CM Radar
3300.000 - 3500.000 Amateur
3700.000 - 4200.000 Media Satellites
4400.000 - 5100.000 Military Meteorlogical
5460.000 - 5650.000 6cm Radar
5650.000 - 5925.000 Amateur
5925.000 - 6425.000 Media Satelletes
7125.000 - 7250.000 Military Los Systems
7250.000 - 7750.000 Defense Satellites DOWNLINK
7750.000 - 8400.000 Military LOS Systems
8500.000 - 9320.000 X Band Military Radar
9320.000 - 9500.000 3 CM marine Radar
9500.000 - 9600.000 X band Military Radar

Cellular Telephone

Chs Freqs (base) System

800-832 869.040 - 870.000 RCC - voice
1-312 870.030 - 879.360 RCC - voice
313-333 879.390 - 879.990 RCC - data
334-354 880.020 - 880.620 Telco - data
355-666 880.650 - 889.980 Telco - voice
667-716 890.010 - 891.480 RCC - voice
717-799 891.510 - 893.970 Telco - voice

Mobiles transmit 45 MHz below the base (824.040-848.970) and
are usually repeated by the base. Channels are .030 MHz apart.

Cordless Telephone

Old system:

Freq(base) Freq(hand) Channel
--------- --------- -------
1.705 49.67 (ch 1)
1.735 49.845 (ch 2)
1.765 49.86 (ch 3)
1.795 49.77 (ch 4)
1.825 49.875 (ch 5)

New system:

Channel Base Handset
------- ------ --------
1 46.610 49.670
2 B 46.630 49.845 Chs A - E handset
3 C 46.670 49.860 frequencies are also
4 46.710 49.770 used for baby room
5 D 46.730 49.875 monitors and low power
6 A 46.770 49.830 handie-talkies
7 E 46.830 49.890
8 46.870 49.930
9 46.930 49.990
10 46.970 49.970

Panasonic KX-T9000 base 902.100-903.870 { 60 channels
handset 926.100-927.870 { .030 MHz apart

VTech Tropez 900DX base 905.600-907.500 digital
handset 925.500-927.400

Proposed New pairs:

Base Handset
---- -------
43.72 48.76
43.74 48.84
43.82 48.86
43.84 48.92
43.92 49.02
43.96 49.08
44.12 49.10
44.16 49.16
44.18 49.20
44.20 48.24
44.32 49.28
44.36 49.36
44.40 49.40
44.46 49.46
44.48 49.50

Nasa Shuttle Rebroadcast's

LSB: USB:

3860 14295
7185 21395
28650
20186

Television

Ch Range Video Audio

2 54 - 60 55.250 59.750
3 60 - 66 61.250 65.750
4 66 - 72 67.250 71.750
5 76 - 82 77.250 81.750
6 82 - 88 83.250 87.750
7 174 - 180 175.250 179.750
8 180 - 186 181.250 185.750
9 186 - 192 187.250 191.750
10 192 - 198 193.250 197.750
11 198 - 204 199.250 203.750
12 204 - 210 205.250 209.750
13 210 - 216 211.250 215.750
14 470 - 476 471.250 475.750
15 476 - 482 477.250 481.750
.. ... - ... .
68 794 - 800 795.250 799.750
69 800 - 806 801.250 805.750

Note the gaps between chs 4/5, 6/7, and 13/14.
Each TV channel is 6 MHz wide. The video carrier is 1.25 MHz
above the start of the range. The audio carrier is 0.250 MHz
below the end of the range. Television audio is wideband FM.
Some TV stations may be offset +/- 10 kHz.

Fast Food Frequencies

out in out/in restaurant
123.0 30.840/154.570 Arby's
88.5 123.0 30.840/154.570 Taco Bell
100.0 ? 30.840/154.570 Whataburger
100.0 ? 30.840/154.570 Hot Dogs Etc.
31.000/151.895
33.140/170.305
107.2 141.3 35.020/154.600 Mc Donald's
- - 154.570/170.245 Mc Donald's
- - 154.600/171.105 Mc Donald's
107.2 ? 457.525/467.825 Whataburger
457.550/467.775 Burger King
114.8 107.2 457.550/467.775 Carl Jr's
156.7 ? 457.5875/467.8125 KFC
107.2 ? 457.6125/467.750 Whataburger
462.7625/

464.9625/ Taco Bell

Citizens Band

Ch Freq Ch Freq

1 26.965 21 27.215
2 26.975 22 27.225
3 26.985 23 27.255 +
4 27.005 * 24 27.235 +
5 27.015 25 27.245 +
6 27.025 26 27.265
7 27.035 27 27.275 26.995 }
8 27.055 * 28 27.285 27.045 } assigned
9 27.065 29 27.295 27.095 } to Remote
10 27.075 30 27.305 27.145 } Control
11 27.085 31 27.315 27.195 }
12 27.105 * 32 27.325
13 27.115 33 27.335
14 27.125 34 27.345
15 27.135 35 27.355
16 27.155 * 36 27.365
17 27.165 37 27.375
18 27.175 38 27.385
19 27.185 39 27.395
20 27.205 * 40 27.405

Weather - NOAA broadcasts

Ch Freq.

1 162.550 161.650 } Canadian
2 162.400 161.775 }
3 162.475
4 162.425
5 162.450
6 162.500
7 162.525

Railroads

Ch Freq

2 159.810
3 159.930
4 160.050
5 160.185
6 160.200
7 160.215
8 160.230

.. ..
96 161.550
97 161.565

The channel designation is that assigned by the Association of
American Railroads. Chs 2 thru 6 are used only in Canada. Above
channel 6, spacing is 0.015 MHz.

Cordless Microphones

169.445
169.505
170.245
170.305
171.045
171.105
171.845
171.905

10-Calls

10-0 Caution 10-51 Wrecker needed
10-1 Unable copy-change location 10-52 Ambulance needed
10-2 Signal good 10-53 Road blocked at...
10-3 Stop transmitting 10-54 Livestock on highway
10-4 Acknowledgement (OK) 10-55 Intoxicated driver
10-5 Relay 10-56 Intoxicated pedestrian
10-6 Busy-stand by unless urgent 10-57 Hit and run (F,PI,PD)
10-7 Out of service 10-58 Direct traffic
10-8 In service 10-59 Convoy or escort
10-9 Repeat 10-60 Squad in vicinity
10-10 Fight in progress 10-61 Personnel in area
10-11 Dog case 10-62 Reply to message
10-12 Stand by (stop) 10-63 Prepare/make written copy
10-13 Weather-road report 10-64 Message for local delivery
10-14 Prowler report 10-65 Net message assignment
10-15 Civil disturbance 10-66 Message cancellation
10-16 Domestic problem 10-67 Clear for net message
10-17 Meet complainant 10-68 Dispatch information
10-18 Complete assignment quickly 10-69 Message received
10-19 Return to... 10-70 Fire alarm
10-20 Location 10-71 Advise nature of fire
10-21 Call...by telephone 10-72 Report progress on fire
10-22 Disregard 10-73 Smoke report
10-23 Arrived at scene 10-74 Negative
10-24 Assignment completed 10-75 In contact with
10-25 Report in person (meet)... 10-76 Enroute
10-26 Detaining a subject, expedite 10-77 Estimated Time Arrival
10-27 (Drivers) license information 10-78 Need assistance
10-28 Vehicle registration 10-79 Notify coroner

10-29 Check record for wanted 10-80 Chase in progress
10-30 Illegal use of radio 10-81 Breatherlizer report
10-31 Crime in progress 10-82 Reserve lodging
10-32 Man with gun 10-83 Work school xing at...
10-33 EMERGENCY 10-84 If meeting...advise ETA
10-34 Riot 10-85 Delayed due to...
10-35 Major crime alert 10-86 Officer/operator on duty
10-36 Correct time 10-87 Pickup/distribute checks
10-37 (Investigate) suspicious vehicle 10-88 Advise phone # of...
10-38 Stopping suspicious vehicle 10-89 Bomb threat
10-39 Urgent-use light, siren 10-90 Bank alarm at...
10-40 Silent run-no light, siren 10-91 Pick up prisoner/subject
10-41 Beginning tour of duty 10-92 Improperly parked vehicle
10-42 Ending tour of duty 10-93 Blockade
10-43 Information 10-94 Drag racing
10-44 Request permission to leave 10-95 Prisoner/subj. in custody
patrol...for... 10-96 Mental subject
10-45 Animal carcass in...lane at... 10-97 Check (test) signal
10-46 Assist motorist 10-98 Prison/jail break
10-47 Emergency road repairs needed 10-99 Records ind. wanted/stolen
10-48 Traffic standard needs repairs 10-100 Traffic violation
10-49 Traffic light out at...
10-50 Accident (F,PI,FD)

--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }

1492. Re: Antenna Problems with 8500XLT.

Newsgroup: rec.radio.scanner
Date: 1994-03-01 21:10:44 UTC
From: bfoust@nic.cerf.net
Message-ID: <2l0b0k$sq5@news.cerf.net>
Source record: 276650
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.scanner

> Don't worry about 50 ohm 75 ohm impedance mismatch as
> that stuff dosn't mean a thing when it comes to scanners it is only
> relevant when you are transmitting.

Does this mean that the scanner will work fine with my TV antenna?

If so, those Radio Shack people sure know how to lie...

--
Serving the God of Creation
-Brent Foust

1493. Swiss Cheese Scanners

Newsgroup: rec.radio.scanner
Date: 1994-03-01 21:20:17 UTC
From: r_egeland@cc.colorado.edu
Message-ID: <2l0bii$1qt@lace.Colorado.EDU>
Source record: 276651

I'm getting really tired of this fedral hacking away at our scanners. If the Fuc-ing airwaves are public property, according to the act of 1934, the government has no authority to limit scanners in ANY way - including descrambling of coded information, etc. First the ECPA which got rid of cellular - now the FBI wants to get rid of cordless freqs on scanners!!! I think it's about time American citizens reaffirm their rights to the airwaves, before it's too late. Another thing I fear is the loss of the Amateur bands - with the new revolution in portable communications, as the RF spectrum becomes more and more valuable, I wouldn't doubt a strong corprate lobby's capability in convincing congress to just "take little nibbles" out of the Amateur bands. (After all, it's already been done several times).

As far as I'm concerned, we need to start a group ourselves for the preservation of the airwaves, although I don't exactly know how. Maybe EFF can help. Anyways, I have a scanner which recieves all frequencies from 1kHZ to about 1200Mhz, and I'll be damn'ed if I don't listen to any frequency I want, including cellular (I hope some official reads this). Furthermore, I have also decoded "private" (really public) and encrypted information (which is "illegal"). I will not hesitate to break the law when the law is corrupt. No matter how many little BS laws congress passes, I will follow the law of 1934, and listen to whatever I want, wherever I want. If people want private information, they don't shout across the town square, they send a letter. The same holds true for radio waves - if people want privacy, they can run a wires, not fill up the airwaves. Mark my words, the scanning 10 or 15 years from now will not be at all like it was ten years ago, unless we do something about it now!!!

Anyone agree?

Ryan Egeland

"Private conversations in a public place are public. Period."

1494. Re: Swiss Cheese Scanners

Newsgroup: rec.radio.scanner
Date: 1994-03-01 21:37:49 UTC
From: cravitma@cps.msu.edu
Message-ID: <2l0cjd$u6s@msuinfo.cl.msu.edu>
Source record: 276652

On 1 Mar 1994 21:20:17 GMT, strange alien beings caused RYAN EGELAND
(r_egeland@cc.colorado.edu) to write:

> As far as I'm concerned, we need to start a group ourselves for the
> preservation of the airwaves, although I don't exactly know how. Maybe EFF can

This is one of the main goals of the American Radio Relay League.
(206) 666-1541 in Newington, CT.

> "illegal"). I will not hesitate to break the law when the law is corrupt. No
> matter how many little BS laws congress passes, I will follow the law of 1934,
> and listen to whatever I want, wherever I want. If people want private

I would be cautios about saying things like "I will follow the law of
1934". For better or (in this case) worse, the ECPA and so forth make
valid modifications to the law, and are legally every bit as binding
as the Communications Act.

Also, the FCC has absolute authority to pass laws governing radio. If
you disagree with their laws, either rally your local congrescritters
(that's what they get paid for), or challenge the law in court. But
simply ignoring it on idealistic principles is potentially dangerous.
>
> "Private conversations in a public place are public. Period."

True.

/Matthew N9VWG

--
Matthew Cravit, N9VWG | All opinions expressed here are
Michigan State University | my own. I don't speak for MSU
E-Mail: cravitma@cps.msu.ed | and they don't speak for me.
GO/CS -d+@ -p+ c++ !l u+(++) e+(*) s/+ n+(---) h+ f+ !g w+(+++) t++@ r(+) y?

1495. Re: disney freqs please!!

Newsgroup: rec.radio.scanner
Date: 1994-03-01 22:18:04 UTC
From: linnig@m2000.dseg.ti.com
Message-ID: <LINNIG.94Mar1161804@m2000.dseg.ti.com>
Source record: 276653
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <CLyABM.AxE@cbnewsc.cb.att.com> rats@cbnewsc.cb.att.com (AOR AR-1000) writes:

> Personally, I think that there's a market for a scanner that is disguised as
> a Sony Walkman. Some of the older type Walkman units have the volume of radio
> scanner. If you design the unit to work into headphones only, you could have
> a scanner that will work many hours off of 4-6 Nicad AAs. Of course, an
> internal speaker is nice to have.

I once bought a cheap "Mr Microphone" style FM transmitter with the idea of feeding it audio from a scanner. I could then walk around with the scanner in a brief case or backpack (student mode) and use the walkman for listening. It seemed like an inconspicuous way to listen. Of course, it would be hard to get to the controls of the scanner. I never did use the transmitter.

-- Mike, N5QAW

- - - - - - - - - - - - - - - - - - + - - - - - - - - - - - - - - - - - +
Mike Linnig, Texas Instruments Inc. | 97.43% of all statistics are made |
Phone: (214) 575-3597 | up; most of them (83.6 percent) |
Internet: mike.linnig@dseg.ti.com | are wrong. |
- -

1496. Re: Swiss Cheese Scanners

Newsgroup: rec.radio.scanner
Date: 1994-03-01 23:31:51 UTC
From: dbashaw@synoptics.com
Message-ID: <CM0Ep4.59q@synoptics.com>
Source record: 276654

>Mark my words, the scanning 10 or 15 years from now
>will not be at all like it was ten years ago, unless we do something about it
>now!!!

>Anyone agree?
^^^^^^^^^^^^^
>Ryan Egeland

Yes!!! Find an antidote for PAC $$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$

Dave
wa6qwl

1497. Re: Radio Shack antennas any good?

Newsgroup: rec.radio.scanner
Date: 1994-03-01 23:51:43 UTC
From: copeland@metronet.com
Message-ID: <CM0FM8.EpE@metronet.com>
Source record: 276655

In article <1994Mar1.112734.59664@kuhub.cc.ukans.edu>,
<bbb@kuhub.cc.ukans.edu> wrote:
>Does anyone have experience with any of the Radio Shack
>mobile scanner antennas. I've tried tieing into the car's normal
>antenna, with dismal results. So now I'm looking at maybe getting
>one of the units RS offers. I'm inclined towards their 'cell look-
>alike' simply because I think it will be the least noticed.
>(although $30.00 kinda smarts and before I spend that I want to
>know it'll pull in 150MHz as well as 40.) I might consider
>their 'rubber duck' extender too since I'm happy with my
>pro-43's antenna performance,but that would be more hassle.
>

I saw a guy here in Dallas driving around with a discone mounted
in the bed of his pickup. :-)

1498. 800 freqs. in ALBANY area--HELP

Newsgroup: rec.radio.scanner
Date: 1994-03-02 01:06:15 UTC
From: oldforg4@nysernet.org
Message-ID: <1994Mar2.010615.5100@nysernet.org>
Source record: 276656

I am interested in obtaining 800 freqs. for the Albany NY area. Is there anyone out there that might have such info. Thanks in advance.

1499. Need Freqs

Newsgroup: rec.radio.scanner
Date: 1994-03-02 02:35:46 UTC
From: stech@ss1.af.mil
Message-ID: <1994Mar2.023546.27193@afit.af.mil>
Source record: 276657

Keywords:

I need state patrol freqs for the following states:
Kentucky
Tennessee
Georgia
Florida

I also need Police/Fire/Rescue/Beach patrol(?) for Daytona Beach,Fl.

Thanks in advance for any info.

Jim

1500. Need Freqs

Newsgroup: rec.radio.scanner
Date: 1994-03-02 03:06:34 UTC
From: stech@ss1.af.mil
Message-ID: <1994Mar2.030634.27801@afit.af.mil>
Source record: 276658

I need state patrol freqs for the following states:
kentucky
tennesse
georgia
flordia

I also need police/fire/rescue/beach patrol(?) for
daytona beach, fl.

e-mail if you like: oper2@sw12.sews.wpafb.af.mil (Jim)

Thanks!!

1501. Need Freqs

Newsgroup: rec.radio.scanner
Date: 1994-03-02 03:47:27 UTC
From: stech@ss1.af.mil
Message-ID: <1994Mar2.034727.28428@afit.af.mil>
Source record: 276659

I also need police/fire/rescue/beach patrol(?) for Daytona Beach,
Fl.

e-mail if you like.

Thanks!!

James Frank

1502. FAQ Please

Newsgroup: rec.radio.scanner
Date: 1994-03-02 04:13:30 UTC
From: drr1@nauvax.ucc.nau.edu
Message-ID: <2MAR94.04133068@nauvax.ucc.nau.edu>
Source record: 276660

Could someone please email me and / or post the FAQ for this newsgroup?
Thanks.

drr1@nauvax.ucc.nau.edu

1503. Re: ***FOR SALE*** Uniden BC-8500 XLT

Newsgroup: rec.radio.scanner
Date: 1994-03-02 04:18:08 UTC
From: dwetzel@rain.com
Message-ID: <2l1446$hga@rain.psg.com>
Source record: 276661

Popular opinion is that the 8500 is not modifiable to restore cell freqs. Does your friend have documentation?

1504. Re: Further criminalization of scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-02 09:00:02 UTC
From: kmeyer@bbs.xnet.com
Message-ID: <kmeyer.3b0x@bbs.xnet.com>
Source record: 276662
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

grady@netcom.com (Grady Ward) writes:

>The FBI just announced their new wiretap bill for 1994.
>
>Among its many provisions, monitoring cordless phone
>will be criminalized, just like cellular is now.
>
>Presumably the FCC will have to act to ban all scanners
>that can tune the 46.xx range... I might suggest you buy those

It seems to me the FBI and FCC are trying to drive scanner manufacturers out of business by continually forcing them to redesign the circuitry. These laws aren't enforceable anyway unless you use the info in such a way that it can be proven you listened, which in itself is illegal.

1505. Source for back issues of World Scanner Report

Newsgroup: rec.radio.scanner
Date: 1994-03-02 13:26:57 UTC
From: cropley@cbnewsf.cb.att.com
Message-ID: <CM1HCx.7E7@cbfsb.cb.att.com>
Source record: 276663
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone know a source for the January issue of The World Scanner Report (edited and published by Bill cheeks, I think). I went to the library and they told me that no other library in the STATE had it on file.

I read that there was an article on Pro-43 Memory expansion in 1/94 issue.

Does any one know where I could purchase a back issue or at last find one to look at??

Thanks,

Andy C

cropley@cbnewsf.att.com

1506. CELLULAR SNOOPING DEV

Newsgroup: rec.radio.scanner
Date: 1994-03-02 15:59:00 UTC
From: stuart.mcmurtrie@portofc.org
Message-ID: <351.487.uupcb@portofc.org>
Source record: 276664

On 03-02-94 ROCKY MULLIN wrote to ALL...

RM> .@SUBJECT:RE: CELLULAR SNOOPING DEVICES
RM> N

RM> .@FROM :caliban@soda.berkeley.edu
RM> N
RM> .@MSGID :<caliban.761909722@soda>
RM> N
RM> From: caliban@soda.berkeley.edu (rocky mullin)
RM> Newsgroups: rec.radio.scanner
RM> Subject: Re: Cellular snooping devices
RM> Date: 22 Feb 94 09:35:22 GMT
RM> Message-ID: <caliban.761909722@soda>
RM>
RM> der@anomaly.sbs.com (Admiral David E. Ryan) writes:
RM>
RM> >that allows people to monitor cell calls, and display certain
RM> >information about the call - including "following" the call when
RM> >it changes cell locations.
RM>
RM> i have noticed this... on cellular channels here,
RM> often you will hear a 'bzzzzrt' sound, and the call
RM> will vanish, presumably to a less crowded frequency,
RM> right? is this some kind of standardized collaboration
RM> between base and fone? is there any simple rules
RM> they adhere to when the switch, to make it easier for
RM> one to manually follow the transmission?
RM>
RM> calionic
RM>

In England I have heared the same kind of thing on cell calls. There is a
bit of kit available here which analyses the Data part of the cell txmssn.
Its basically a portable pc with a scanner built into it. Its not cheap
though (about 25,000) uk pounds !! I don't think i'll be getting one !

---
* OFFLINE 1.54

1507. Re: Detection of who's listening?

Newsgroup: rec.radio.scanner
Date: 1994-03-02 16:01:45 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar2.110146.1@uoft02.utoledo.edu>
Source record: 276665
Cross-posted to: alt.radio.scanner,rec.radio.scanner

einar@ade.no (Einar Sjaavik) writes:
> brinskel@emr1.emr.ca (Jeff Brinskelle) writes:
>
>> Is there a way of detecting if someone is listening using a scanner?
>> I mean say I listen to cordless phone calls, or celluar, can the police or
>> FBI, or RCMP detect that there is someone at such and such address listening?
>
> They can use a receiver to listen for the local oscillator in your scanner.
> It can be heard at long distances when you scan, because it visits each
> frequency at regular intervals, and are not well shielded on scanners made
> of plastic.

Yes. I remember a post regarding how in England (where there is a TV tax!),
government officials monitoring IF freqs in an attempt to find people illegally
monitoring TV broadcast signals without paying the tax. I've also heard the
Nielsen rating people do the same to get more accurate samplings.

I've heard that an antenna can actually 'rebroadcast' the scanner's IF stages.
Is this true? I am curious about this.

--
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1508. This Week on Spectrum 03/05/94

Newsgroup: rec.radio.scanner
Date: 1994-03-02 16:25:25 UTC
From: spectrum@starcomm.overleaf.com
Message-ID: <2l2ell$k8u@starcomm.overleaf.com>
Source record: 276666
Cross-posted to:
rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.scanner,rec.video.satellite,rec.radio.cb,alt.radio.scanner,alt.radio.pirate

This week on Spectrum we will scan the skies. Our guest will be our own
Gary Bourgois (The Birdwatcher). Gary is an expert on the world of
satellite tvro systems. Lots of folks enjoy his features on Spectrum,
but never before has he been live on the show to answer your satellite
and space related questions.
--
Spectrum airs live Sunday at 0300 UTC (2200 EST Saturday) on:

WWCR, 5810 KHz, Nashville, TN (World Wide)
WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
KHNC, 1360 AM, Denver, CO (Denver Area)
Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)

Spectrum is rebroadcast:

Sunday at 1500 EST, on WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
Monday at 0400 UTC (2300 EST Sunday),
on WWCR, 7435 KHz, Nashville, TN (World Wide)

--
Spectrum, "The Communications Magazine You Read With Your Ears."
Box 722, Holmdel, NJ, 07733-0722, USA
spectrum@overleaf.com, askspectrum@attmail.com, spectrumshow@genie.geis.com
+1 800-787-SPECTRUM, +1 908-671-4209

1509. Re: Swiss Cheese Scanners

Newsgroup: rec.radio.scanner
Date: 1994-03-02 16:51:31 UTC
From: daigneault@aeolus.enet.dec.com
Message-ID: <2l2g6j$5la@nntpd.lkg.dec.com>
Source record: 276667

I agree that these laws are ridiculous or worse. I have written to my Reps in congress several times on other issues. The type of answers I've received to these communications is usually a form letter that states what their view is and why but not acknowledging my view. Typical political rhetoric. I have never received a response that satisfied me. The only way to get their attention is to have volumes of letters from volumes of people all voicing similar opinions.

I also see a bigger picture here too. I see rights being chipped away and an apathetic attitude from what seems like the majority of the citizenship allowing it. If you take a way the weapons, the right to listen to what YOU choose, and take away the money(taxes) you end up with a bunch of sheep wanting to be lead by people who only tell you what they want you to hear. This is probably a bit of an extreme statement. However I find it frightening in that it is happening in little ways. Unless we band together to voice our views and impose our united wills on our congress and other government officials I fear that our freedom will be severely restricted. WE DO HAVE THE MEANS GRANTED BY THE CONSTITUTION TO CHANGE THIS MESS.

I've probably said enough for now... Thanks for listening.
These are my own opinions and no one else's and every one is entitled to their own...

\s DanD, N1LLG

1510. Re: Illegal to carry scanner into US?

Newsgroup: rec.radio.scanner
Date: 1994-03-02 17:21:22 UTC
From: phybs@mizzou1.missouri.edu
Message-ID: <phybs.16.00115BBA@mizzou1.missouri.edu>
Source record: 276584

In article <1994Mar2.212215.9383@emr1.emr.ca> brinskel@emr1.emr.ca (Jeff Brinskelle) writes:

>Is it illegal to bring a scanner with me into the USA? What if
>I make a cellular mod to it?

Doubt it. I do it all of the time and customs can see it plain as day as it is mounted in the car. But after next month you may have a problem if they know that it is cell capable and view you entry with it as importation. Don't know about that.

1511. Scanner coax

Newsgroup: rec.radio.scanner
Date: 1994-03-02 18:04:56 UTC
From: 0003963467@mcimail.com
Message-ID: <61940302174416/0003963467NA3EM@mcimail.com>
Source record: 276668

Just a short note to say thanks to everyone who responded to my questions concerning scanner coax cable. With the very able advice I was given I feel I was able to make a good choice and I also found a source for RG 213 cable for $0.40 a foot. Thanks again for all your responses.

Edward Dotson
3963467@mcimail.com

1512. Re: Further criminalization of scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-02 18:45:32 UTC
From: peterson@physc1.byu.edu
Message-ID: <1994Mar2.114532.1432@physc1.byu.edu>
Source record: 276669
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <kmeyer.3b0x@bbs.xnet.com>, kmeyer@bbs.xnet.com (Karl Meyer) writes:
> grady@netcom.com (Grady Ward) writes:
>
>>The FBI just announced their new wiretap bill for 1994.
>>
>>Among its many provisions, monitoring cordless phone
>>will be criminalized, just like cellular is now.
>>
>>Presumably the FCC will have to act to ban all scanners
>>that can tune the 46.xx range... I might suggest you buy those
>
> It seems to me the FBI and FCC are trying to drive scanner manufacturers out of
> business by continually forcing them to redesign the circuitry. These laws
> aren't enforceable anyway unless you use the info in such a way that it can be
> proven you listened, which in itself is illegal.

Even better, any kid who goes down to the toy store and picks up one of those $10.00 pairs of walkie talkies can monitor cordless phone conversations. In fact, my son could not only hear but he could also talk on the cordless phone at my mother-in-law's the last time we were up there. It was a bit funny because he could only hear one side of the conversation and when he talked only one of the two could hear him (and I don't remember which was which) but it worked great. So, the FCC is now going to make it illegal to own a walkie talkie from "Toys R Us"?

Bryan Peterson, ki7td
ki7td@byu.edu

1513. Update on Cellular Data Decoding unit

Newsgroup: rec.radio.scanner
Date: 1994-03-02 18:51:17 UTC
From: egurney@vcd.hp.com
Message-ID: <CM1wDH.FLp@vcd.hp.com>
Source record: 276670

The latest (February '94) issue of Nuts & Volts Magazines mentions the revision "D" of the "Cellular Surveillance Instrument" (CSI) reviewed in the August '93 issue. According to the article, the new CSI incorporates far more advanced electronics for signal processing and data decoding, and there is a *rumor* that additional software will eventually be available to allows the CSI hardware to decode various pager data formats as well as possibly unencrypted Motorola mobile data terminal (MDT) transmissions. Those are future possibilities, however.

The biggest change in the CSI is that in can be used not only on the North American AMPS cellular system, but also TACS and ETACS used in Europe, the Middle East, Southeast Asia, Hong Kong, etc.

On the hardware side, the radio control cables are now consolidated into one cable. For law enforcement and investigative use, the CSI has an integrated control relay and jack for activating a recording device. Other upgrades include on-screen DTMF decoding from voice channels and the ability to scan and display the signal strength of control channels.

Special RECC software is available that can display the ESN of a phone as well as the manufacturer's name. For security reasons, this software is available to service shops only upon verifiable authorization from your local cellular carrier or for law enforcement use. Full information on the serial number decoding is available in the product literature, available for $3.00 via mail or free via e-mail.

The CSI is available for US$484.00 (overseas US$529.00), including power supply, cables, specific kit for your radio/scanner, and shipping.

For more info, write: SPYTECH, 65 - 31 Avenue South West, Calgary, Alberta, Canada, T2S 2Y7. Their e-mail address is bill.fischer@t800.cuc.ab.ca.

DISCLAIMER: I don't own one of these, I have no financial interest in SPYTECH or any related business, never seen one in person, etc. I just thought I'd update the net since I posted about the unit back in August and a lot of foreign readers can't find N&V...

--
Eddy J. Gurney N8FPW Hewlett-Packard Company, Vancouver (USA!) Division
egurney@vcd.hp.com #include <standard-disclaimer.h>
"Failures are divided into two classes-- those who thought and never did,

and those who did and never thought." John Charles Salak

1514. Re: Detection of who's listening?

Newsgroup: rec.radio.scanner
Date: 1994-03-02 19:01:51 UTC
From: grady@netcom.com
Message-ID: <gradyCM1wv3.LsI@netcom.com>
Source record: 276671
Cross-posted to: alt.radio.scanner,rec.radio.scanner

As early as the late fifties the British secret service was able to know what frequencies were being listened to by enemy receivers by tranmittig a pulse up and down the spectrum until the IF of the enemy receiver was distorted. Voila!

Read all about codname 'RAFTER' in SPYCATCHER by Peter Wright, a book that I believe is currently banned in Great Britain.

--
Grady Ward | compiler of Moby lexicons: | finger grady@netcom.com
+1 707 826 7715 | Words, Hyphenator, Part-of-Speech | for more information
(voice/24hr FAX) | Pronunciator, Thesaurus | 15 E2 AD D3 D1 C6 F3 FC
grady@netcom.com | and Language; all royalty-free | 58 AC F7 3D 4F 01 1E 2F

1515. Re: Radio Shack antennas any good?

Newsgroup: rec.radio.scanner
Date: 1994-03-02 19:17:04 UTC
From: g_stofko@kau100.cth.dec.com
Message-ID: <2l2ong$a7d@nntpd.lkg.dec.com>
Source record: 276672

Seeing that the original poster is in Canada, does he or anyone else know of a Canadian source for scanner antennas/accessories ?

-George

1516. Fed Freqs

Newsgroup: rec.radio.scanner
Date: 1994-03-02 19:26:21 UTC
From: davion@hale.cts.com
Message-ID: <muRkic1w165w@hale.cts.com>
Source record: 276673

I have been programing FBI, DEA, and USSS and the only thing I've been able
to hear is what sounded like two plummer. Has anyone have info on the
best times to scan those freqs? Also if you have heard anything good
on Fed freqs please post?

Hale Telecommunications Inc./Public Access Internet Site 619/660-6734 V.32Bis

1517. Re: Detection of who's listening?

Newsgroup: rec.radio.scanner
Date: 1994-03-02 19:43:44 UTC
From: sjh@skewsby.demon.co.uk
Message-ID: <762662624snx@skewsby.demon.co.uk>
Source record: 276674
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Mar2.110146.1@uoft02.utoledo.edu> cscon0151@uoft02.utoledo.edu writes:
> Yes. I remember a post regarding how in England (where there is a TV tax!),
> government officials monitoring IF freqs in an attempt to find people illegally
> monitoring TV broadcast signals without paying the tax. I've also heard the
>
> --
> Brad Steinman, N8ZRP

It's not a TAX as such, just a licence fee that reputedly supports the BBC.
I don't have a problem with paying for the privelage of watching decent
programs. It must be so sad having such poor quality programs in the colonies !

(On-Line spelling & Sense of Humor checking OFF)

++
+ Simon J Hopkins sjh@skewsby.demon.co.uk +
+ Consulting Partner Limited g8pxb@ampr.org +
+ Deepdale, Skewsby, York, YO6 4SG +44 347 5 276/284 +
++

1518. IEEE Spectrum EMI article

Newsgroup: rec.radio.scanner
Date: 1994-03-02 20:15:43 UTC
From: warren@bluesky.com
Message-ID: <2l2s5f$7c0@pdx1.world.net>
Source record: 276575
Cross-posted to: alt.radio.scanner,rec.radio.scanner

There's an interesting article in IEEE Spectrum, Feb 94, pp 21 about consumer devices emiting EMI aboard aircraft. Many horror stories about passengers operating TV's, CD players, portable computers and the consequences.

Quoting the last paragraph:
``Meanwhile, evidence for instances of interference due to operation of electronic units remains scant, incomplete and inconclusive. To fill out the picture, RTCA is disseminating a reporting form to the aviation industry. The form, which is voluntary and confidential, can be obtained from the organization at 202-833-9339.''

Obviously, they're not reading this net ;-)

- - - - - - - - -

The following table is from a chart that accompanies the article:

AIRCRAFT ELECTRONIC SPECTRUM

10-14 kHz Omega Navigation
190-1750 kHz Airborne direction finder
2-30 MHz HF
74.85 MHz Marker beacon
75.00 MHz Marker beacon
75.15 MHz Marker beacon
108-118 MHz VHF omnidirectional range localizer
118-136 MHz VHF communication
225-399 MHz VHF communication
328-335 MHz Glide slope
960-1220 MHz Distance measuring equipment
1030-1090 MHz Terminal collision avoidance system
1575 MHz Global positioning system (2 MHz bandwith)
1529-1661 MHz Satellite communications
4.3 GHz Low range radio altimiter
5.03-5.09 GHz Microwave landing system
5.4 GHz Weather radar
9.3 GHz Weather radar

Source: Boeing Commercial Airplane Group

1519. Re: ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-03-02 20:17:31 UTC
From: od12@merhaba.cc.columbia.edu
Message-ID: <2l2s8r$rii@apakabar.cc.columbia.edu>
Source record: 276576

Why is the ICOM R1 going to be "outlawed" and when, is it a complete coverage scanner? What other models/brands will be affected?

_/_/ _/_/ _/_/ _/_/_/_/_/_/_/
73 0x49 1001001 _/ _/ _/ _/ _/ _/ _/ _/ _/
od12@columbia.edu _/ _/ _/ _/ _/ _/ _/ _/ _/
_/_/ _/_/_/ _/_/_/ _/_/_/_/_/_/_/

1520. NASCAR Winston Cup freqs at the Rock (was Re: Auto racing info needed)

Newsgroup: rec.radio.scanner
Date: 1994-03-02 20:34:31 UTC
From: smithjc@hitchcock.rtp.dg.com
Message-ID: <1994Mar2.203431.22613@dg-rtp.dg.com>
Source record: 276577
Cross-posted to: alt.radio.scanner,rec.radio.scanner

From the frequency list being sold at Rockingham during Friday practice/qualifying (a few are probably incorrect due to truncation, and some of the driver names need to be corrected--like Loy Allen listed twice):

WINSTON CUP SERIES

Car Driver Frequencies
--- ------ -----------
0 Delma Cowart 466.550 460.687
1 Rick Mast 461.162 463.887
2 Rusty Wallace 461.587 463.450
02 T. W. Taylor 466.150
3 Dale Earnhardt 469.875 468.337 469.012
4 Sterling Marlin 464.300
5 Terry Labonte 468.212
05 Bill Mechum 468.512
6 Mark Martin 460.950
7 Geoff Bodine 461.475 466.475 467.075
8 Jeff Burton 465.887
9 Melling Racing 463.975
10 Ricky Rudd 465.737
11 Bill Elliott 855.512 855.562 (scrambled)
12 Chuck Bown 467.725 467.575
14 John Andretti 857.837
15 Lake Speed 457.525
16 Ted Musgrave 468.450
17 Darrell Waltrip 469.312
18 Dale Jarrett 466.012 467.762
19 Loy Allen, Jr. 467.000 464.025
20 Moroso Racing 466.275
21 Morgan Shepherd 855.037 854.787 855.287
22 Bobby Labonte 468.937
23 Hut Stricklin 469.837
24 Jeff Gordon 467.062
25 Ken Schrader 466.787
26 Brett Bodine 460.587
27 Jimmy Spencer 855.562 855.512
28 Ernie Irvan 466.450 469.625 466.412
466.825 466.950 463.312
29 Steve Grissom 469.962 466.462
30 Michael Waltrip 466.300
31 Ward Burton 463.775
32 Dick Trickle 462.712
33 Harry Grant 468.775 466.737

35 Bill Venturini 468.925
36 H. B. Bailey 468.425
37 Loy Allen, Jr. 460.937 469.912
38 Akins/Sutton Mtrsprts 467.937 461.312
40 Bobby Hamilton 854.262 853.162 854.262
41 Joe Nemechek 468.837
42 Kyle Petty 852.037
43 Wally Dallenbach 852.187 852.087
45 Rick Bickle 463.737
48 James Hylton 467.112
52 Jimmy Means 466.912 465.687 467.925
54 Robert Pressley 462.137
55 Jimmy Hensley 465.687
56 Jerry Hill 460.925 465.687
62 Clay Young 469.175
65 Jerry O'Neil 466.487
71 Dave Marcis 467.562
75 Todd Bodine 461.937 468.975
77 Greg Sacks 459.837
79 Don Paul 464.625 464.725
80 Stan Hover Motorsports 466.862
83 Lake Speed Motorsports 859.812
89 Jim Sauter 464.962
90 Bobby Hillin 467.162
95 Saddler Racing 461.825
98 Derrike Cope 468.725 469.150

Sorry, no Danny Sullivan listed....

--
Jay C. Smith
Domain/internet: smithjc@dg-rtp.dg.com

"That guy up there's gotta stop; he'll see us."

1521. Re: Help! Pro43 not working after attempted modifications

Newsgroup: rec.radio.scanner
Date: 1994-03-02 20:45:48 UTC
From: yyjdb@jzola.lerc.nasa.gov
Message-ID: <2l2tts$gil@eagle.lerc.nasa.gov>
Source record: 276578
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <2l08q1$7jk@agate.berkeley.edu>,
Philip Kohn <kohn@ICSI.Berkeley.EDU> wrote:
>Question: what temp do people set the soldering iron when
>desoldering the antenna and CPU shelding? I tried to keep
>it around 550F, but had to increase to a little over 600F
>to get things to melt.
>

As hot as available! a 35 to 45 watt pencile is best.

Weekend tech's say to use low heat, however, this warms
a larger area of the board and components and continues to
conduct heat into components for a minute or two after pencil
is removed.

This is how weekend tech's 'lift' traces off boards!

I found using highest available heat to quickly melt and
minipulate the local area then immediately appling -62,
or any freeze spray has the best results.

Get in and out. The operative word being 'fast'. Hot heat
is faster then slow heat.

This method applies to most soldering work including metal
shields and (espically) tiny surface mount components.

Solder wick works better then a sucker bulb since there is
not usally a glob of solder on a surface mount board.
Of course, a weller desoldering station beats them both.

This is IMO, of course, your milage may vary wildly.

John

1522. Comsec Device for PRO-2006?

Newsgroup: rec.radio.scanner
Date: 1994-03-02 21:16:30 UTC
From: jkearman@arrl.org
Message-ID: <1994Mar2.211630.5578@arrl.org>
Source record: 276579

Has anyone tried the Comsec board that claims to defeat
the beep...beep...beep associated with GE trunked systems?
It's advertised in Monitoring Times.

Jim

jkearman@arrl.org

1523. Illegal to carry scanner into US?

Newsgroup: rec.radio.scanner
Date: 1994-03-02 21:22:15 UTC
From: brinskel@emr1.emr.ca
Message-ID: <1994Mar2.212215.9383@emr1.emr.ca>
Source record: 276580

Is it illegal to bring a scanner with me into the USA? What if
I make a cellular mod to it?

--

Deep Thoughts By Jack Handey
I think someone should have had the decency to tell me the luncheon
was free. To make someone run out with potato salad in his hand,
pretending he's throwing up, is not what I call hospitality.

1524. Re: Swiss Cheese Scanners

Newsgroup: rec.radio.scanner
Date: 1994-03-02 21:48:11 UTC
From: lieser@iccgcc.cs.hh.ab.com
Message-ID: <1994Mar2.164811.1@iccgcc.cs.hh.ab.com>
Source record: 276581

In article <2l0bii$1qt@lace.Colorado.EDU>, r_egeland@cc.colorado.edu (RYAN EGELAND) writes:

> before it's too late. Another thing I fear is the loss of the Amateur bands -
> with the new revolution in portable communications, as the RF spectrum becomes
> more and more valuable, I wouldn't doubt a strong corprate lobby's capability
> in convincing congress to just "take little nibbles" out of the Amateur bands.
> (After all, it's already been done several times).

I always thought they might take that chunk from 470-890 MHz, since "everyone" has cable TV these days, anyway. Why would they need world bands for personal communications devices?

Ed Lieser

1525. Re: Cordless Phone Freq List.

Newsgroup: rec.radio.scanner
Date: 1994-03-02 22:25:31 UTC
From: ala@austin.ibm.com
Message-ID: <CM26AJ.3szp@austin.ibm.com>
Source record: 276582

In article <3cb_9403010033@blkcat.fidonet.org>, Louis.Gantz@f239.n109.z1.fidonet.org (Louis Gantz) writes:
> To: msf@interaccess.com (MSF)
> Subject: Cordless Phone Freq List.
>
> Msf@interaccess.Com (msf) wrote on StarDate 9620.34
> *-*
> *
> M(>From: msf@interaccess.com (MSF)
> M(>Newsgroups: rec.radio.scanner
> M(>Organization: InterAccess, Chicagoland's Full Service Internet Provider
> M(>
> M(>One of these base frequencies is not correct. Can someone
> M(>identify the incorrect one (it would save me some time)
> M(>46.610
> M(>46.630
> M(>46.670
> M(>46.710
> M(>46.730
> M(>46.770
> M(>46.810 <-- invalid
> M(>46.830
> M(>46.870
> M(>46.910 <-- invalid
> M(>46.930
> 46.970 <-- you left this one out
>
> You listed 2 incorrect freqs, but also left a valid freq out.
>
> M(>(there are 11 listed here, but only ten valid freqs(?)) any
> M(>help would be appreciated.
> M(>
> *-*
> *

Could someone please post the cordless frequencies in the 49 mghz range for cordless phones as well? Or email them to me-thanks.

Al

****
Al Aguirre (internal mail) ala@d11help.austin.ibm.com
(external mail) ala%d11help.austin.ibm.com@ibmpa.awdpa.ibm.com
OR
ala%d11express.austin.ibm.com@ibmpa.awdpa.ibm.com

"Because information wants to be free!" Bruce Sterling@HoHoCon Austin Dec'93
DISCLAIMER: I SPEAK ONLY FOR MYSELF, THE ABOVE POST IS NOT REFFLECTIVE OF IBM.
****

1526. Re: tones heard on police radio -- what are they?

Newsgroup: rec.radio.scanner
Date: 1994-03-02 23:43:27 UTC
From: carter@scilab.lonestar.org
Message-ID: <5q4kic8w165w@scilab.lonestar.org>
Source record: 276583

Ahoy!

camter28@astro.ocis.temple.edu (-=FOOBARF=-) writes:
> Geoffrey Silverton (geoffs@u.washington.edu) wrote:
> : I was listening to (north) Seattle police ("F4" 460.075) at 3am when
> : they started playing tones, about 1/2 sec long, repeating about every
> : 5 sec.
> Yesterday when there was a bank robbery in my area they did the
> same thing. The tones were just far enough apart for my scanner to no
> not be able to scan. It held it on the channel for me. Glad they are
> thinking about us scanner enthousiasts..
> Maybye it holds the repeater or something,

Since we're throwing in speculation, I'll add my two best guesses.

1. The tones are an administrative tool which continuously alert officers that high-priority traffic is on the radio frequency and certain types of communications are prohibited (sort of like going to DefCon 2 :-)).

2. The tones do for the officers exactly what they do for camter28. If the police radios are equipped with a scanning mechanism, this may lock radios scanning that frequency onto that frequency. Sounds like an annoying way to do that, though, since actual audio isn't needed to hold the radios.

Just guesses.

Cheerio!

Carter R. Bennett, Jr. [Scientist] If I had forseen rap music on the
carter@scilab.lonestar.org horizon, I wouldn't had worked so
KI5SR hard to get rid of disco.

1527. Re: Radio Shack antennas any good?

Newsgroup: rec.radio.scanner
Date: 1994-03-03 01:24:25 UTC
From: trig@uncvx1.oit.unc.edu
Message-ID: <1994Mar2.212425.1@uncvx1.oit.unc.edu>
Source record: 276585

In article <1994Mar1.112734.59664@kuhub.cc.ukans.edu>, bbb@kuhub.cc.ukans.edu writes:
> Does anyone have experience with any of the Radio Shack
> mobile scanner antennas. I've tried tieing into the car's normal
> antenna, with dismal results. So now I'm looking at maybe getting
> one of the units RS offers. I'm inclined towards their 'cell look-
> alike' simply because I think it will be the least noticed.
> (although $30.00 kinda smarts and before I spend that I want to
> know it'll pull in 150MHz as well as 40.) I might consider
> their 'rubber duck' extender too since I'm happy with my
> pro-43's antenna performance,but that would be more hassle.
>
> Any input welcomed.
> Thanks
> BB
>
> E-Mail Welcomed.

I bought a Radio Shack scanner antennna about a year ago that works
very nicely, especially with VHF-low, i.e. Highway Patrol and cordless phones.
I dont know the model number right off, but this is the popular magnetic-mount
antenna with two loads. It is about three feet long. The antenna is nice
because I can just remove it and throw it in the trunk when I dont want it to
be seen. It also works as an indoor antenna.

I also purchased one of those cellular-lookalike jobs from RS. This
one sticks to the glass on the rear windshield. It is longer than a cellphone
antenna, though, and has a smaller coil. Sadly, this antenna is inferior to
the magnetic-mount both in range and signal strength. I still have it on my
car because it offers slightly better reception than the rubber duck on my
BC2500, and it works sufficiently for local repeaters, but is thoroughly
unsatisfactory for highway-related scanning.

Both antennas cost about $30, I think. Please consider the
magnetic-mount. It is very effective.

I hope this helps in your decision..

==========
Thomas Graham trig@uncvx1.oit.unc.edu
The University of North Carolina at Chapel Hill
Celebrating 200 years of public higher education in the USA

1528. Kansas City (MO) Freq. needed

Newsgroup: rec.radio.scanner
Date: 1994-03-03 01:52:12 UTC
From: gst@gagme.wwa.com
Message-ID: <CM2Fv1.C8q@gagme.wwa.com>
Source record: 276586
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I am trying to help someone find the output frequencies of the Kansas City (MO) police department.

Can anyone help.

gst

--
GEORGE S. THURMAN (312) 509-6308 gst@wwa.com

** Mr. Clinton, tear down that embargo !! **

1529. Re: Illegal to carry scanner into US?

Newsgroup: rec.radio.scanner
Date: 1994-03-03 02:03:36 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2l3gho$4be@cronkite.ocis.temple.edu>
Source record: 276587

Bernhard Stepke (phybs@mizzou1.missouri.edu) wrote:
: In article <1994Mar2.212215.9383@emr1.emr.ca> brinskel@emr1.emr.ca (Jeff Brinskelle) writes:

Doubt it. I do it all of the time and customs can see it plain as day as it is
: mounted in the car. But after next month you may have a problem if they know
: that it is cell capable and view you entry with it as importation. Don't know

Doesn't the text of the law read it's illegal to import/manufacture
scanners with cell capabilities when they're FORSALE?
I think forsale is the key word, unless my brain is imagining words..

: about that.

1530. Re: Detection of who's listening?

Newsgroup: rec.radio.scanner
Date: 1994-03-03 02:06:40 UTC
From: copeland@metronet.com
Message-ID: <CM2GJ6.62o@metronet.com>
Source record: 276588
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Mar2.110146.1@uoft02.utoledo.edu>,
<cscon0151@uoft02.utoledo.edu> wrote:
>einar@ade.no (Einar Sjaavik) writes:
>> brinskel@emr1.emr.ca (Jeff Brinskelle) writes:
>>
>>> Is there a way of detecting if someone is listening using a scanner?
>>> I mean say I listen to cordless phone calls, or celluar, can the police or
>>> FBI, or RCMP detect that there is someone at such and such address listening?
>>
>> They can use a receiver to listen for the local oscillator in your scanner.
>> It can be heard at long distances when you scan, because it visits each
>> frequency at regular intervals, and are not well shielded on scanners made
>> of plastic.
>
>Yes. I remember a post regarding how in England (where there is a TV tax!),
>government officials monitoring IF freqs in an attempt to find people illegally
>monitoring TV broadcast signals without paying the tax. I've also heard the
>Nielsen rating people do the same to get more accurate samplings.
>
>I've heard that an antenna can actually 'rebroadcast' the scanner's IF stages.
>Is this true? I am curious about this.

I remember, as a child of 6, while living in England, that there were
trucks that patrolled that could detect where a TV was being used. In
England one had/has to buy a liscense to watch TV (one more way to tax).
Finding people who were not liscensed generated more money as fines.

1531. pro39 mod

Newsgroup: rec.radio.scanner
Date: 1994-03-03 02:12:47 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2l3h2v$4be@cronkite.ocis.temple.edu>
Source record: 276589

*** Bob's Tip of the Month ***

(from Monitoring Times, January 1993, Dial 1-800-438-8155, Great Magazine!)

Realistic (R) PRO-39 Cellular Restoration (Page 107)

[with a few comments added by someone who witnessed such restoration -jqt]

The recently released PRO-39 handheld scanner from Realistic (R)
is a fine performer, but its 800 MHz range is interrupted by the
factory censoring of cellular frequency coverage. Long-time MT
supporter Larry Wiland of Youngstown, Ohio, would like to share the
simple fix. Remember, however, that it is unlawful to listen to
cellular phone calls.

(NOTE: These procedures may void your warranty. Do not attempt
them unless you are familiar with small component soldering.
Monitoring Times accepts no responsibility for damages resulting from
attempting this modification.)

TOOLS NEEDED: Fine-tipped soldering iron, desoldering wick,
small Philips screwdriver, long-nosed pliers, rosin-core solder.

(1) [Turn off your radio. Removing the batteries when the radio is ON can
erase the memory! -jqt] Remove the battery door, holder and [battery
pack] from the bottom of the radio.

(2) Remove the four screws from the back of the scanner and carefully lift
the back off.

(3) Unplug the two wiring harnesses at their connectors and remove the six
bright colored screws [that hold] the circuit board in place. Unsolder
the ground wire from the lower right corner of the circuit board.
Unsolder the two wire connections from the BNC antenna connector at the
board. Carefully lift the board (grasping it near the Molex connector)
and set it aside.

(4) Remove the two bright colored screws from the next circuit board.
Carefully unplug the two-wire connector [and remove the board, as I
recall -jqt]. Unsolder and lift the rectangular metal shield exposing
the diodes.

(5) Carefully unsolder and remove diode D6 only; this will restore the
missing cellular frequencies which can be searched in appropriate
30 kHz steps.

This completes the cellular restoration. Reverse all procedures
to reassemble the radio and test it by entering any frequency between

869-894 MHz. [If you are as lucky as I was, the memory will still
contain your other frequencies! -jqt]

Curious about the other diodes? D4 would enable 68-88 MHz
coverage, but deletes 30-54 MHz; D5 (present) allows 800 MHz band
operation; and D7 would make cellular spacing 12.5 kHz (incorrect).

Thanks Larry!

--
Steve Eggleston Internet:nuance@digex.net
Nuance Data Systems (703)823-8963 CIS:72040,713
"Technology Should Set You Free, Not Make You Crazy"

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1532. Yesterday's Posts - Sorry but not my fault.

Newsgroup: rec.radio.scanner
Date: 1994-03-03 05:22:02 UTC
From: bradstaat@aol.com
Message-ID: <2l3s5q$8i3@search01.news.aol.com>
Source record: 276590

Hello All,
Concerning my post from yesterday...I posted two messages about scanners...
For some reason America Online mailed them 10 times plus, each. I am writing
to let you know that it was the system in fault. I am also wasting your time
again to see if it happens again. If the problem is not fixed I will not post
until AOL fixes the problem or I decide to go to a service that does not have
the problems. From what I understand this newsgroups stuff is new to AOL so it
could just be a little bug. I wonder if anyone has seen this problem in other
groups. If so please e-mail me.
Sorry for the trouble. and thanks for the responses I did get...
Also Sorry I am off-topic.
Brad
bradstaat@aol.com

1533. Re: Detection of who's listening?

Newsgroup: rec.radio.scanner
Date: 1994-03-03 09:16:02 UTC
From: einar@ade.no
Message-ID: <FHRLic3w165w@ade.no>
Source record: 276591
Cross-posted to: alt.radio.scanner,rec.radio.scanner

mike@garfield.csuohio.edu (mike mayer) writes:
> cscon0151@uoft02.utoledo.edu writes:
> : I've heard that an antenna can actually 'rebroadcast' the scanner's IF stag
> : Is this true? I am curious about this.
> :
> I have heard of this too. I suspect it is just the IF osc signal leaking
> back out the antenna (as well as right off the PCB) via inductive and/or
> capacitive coupling. Probably more severe in cheaper receivers, and I
> suppose for kicks you could build an antenna to match the IF freq to
> get max. gain output, theoretically. I have an RS RF freq counter
> I think I'll connect it to the ant. terminal of the scanner and
> see if I pick out either the 10.7 Mhz or 455Khz IF or 400Mhz IF for
> the 800Mhz band.
>
If you can, your scanner must be faulty.
Use another scanner (B), set your scanner (A) to scan. Pick one of the
frequencies in the scan (f) and try listening with scanner (B) at these
frequencies:
f+10.7MHz
f-10.7MHz
f+21.4MHz
f-21.4MHz
Open the squelch of (B), and keep it at one channel. (No scan)

This is assuming that your scanner have a 1st. IF of 10.7 or 21.4 MHz.

Your scanner can be found by the 2nd. IF, most often at
10.7 - 0.455 = 10.245MHz. But they could not say it's a scanner.
It may as well be an FM radio, cordless, ... (insert most radios here)...

Listen for your TV-LO at 47MHz or thereabout.

Try to find your (oldest) portable FM radio's LO. Then let
someone take it to another room and knock on it. Then yell into
it. Amazingly you can hear that in your scanner. So they don't
have to plant a bug in your radio. It's already there. This
probably won't work unless the radio is of the older type with
an air-dielectric tuning capacitor.

1534. For Sale: Icom R-100

Newsgroup: rec.radio.scanner
Date: 1994-03-03 12:46:31 UTC
From: skora@bnl.gov
Message-ID: <skora.1113086431L@130.199.128.1>
Source record: 276592

For Sale: Icom R-100 receiver, AM-FM-WFM, 500 KHz-1.8 GHz,
excellent condx, with box, manual, mobile mount,
whip antenna. $425 including shipping.

John, KC2JT
skora@bnl.gov

1535. PLEASE POST BGN SERIES FREQS!!

Newsgroup: rec.radio.scanner
Date: 1994-03-03 13:01:51 UTC
From: jss@pickett.larc.nasa.gov
Message-ID: <2l4n3v$5kc@reznor.larc.nasa.gov>
Source record: 276593

Thanks Jay for posting the WC series freqs. I am going to the BGN series race in Richmond on saturday and I need freqs. Would some kind soul please post the latest BGN series freqs.

Thanks in advance
Jim Smith
jss@longstreet.larc.nasa.gov

****
****
**** Jim Smith - jss@longstreet.larc.nasa.gov ****
****
**** LaRC-Where Tommarrow is still **** I was lined up for glory but ****
**** yesterday **** the tickets sold out in advance ****
** -Neil Peart ****
****
****

1536. Radio Shack Scanner

Newsgroup: rec.radio.scanner
Date: 1994-03-03 13:42:46 UTC
From: slf@drutx.att.com
Message-ID: <CM3CrA.3ot@bigtop.dr.att.com>
Source record: 276594

FOR SALE
Radio Shack Scanner
Model - Pro 34
200 channels w/800mg.
Has carrying case and
nicads w/charger. Extra
antenna with original
box and manual - $175.

Call Gary (303) 451-7687

1537. Re: Radio Shack antennas any good?

Newsgroup: rec.radio.scanner
Date: 1994-03-03 14:00:09 UTC
From: pdennis@vnet.ibm.com
Message-ID: <19940303.090009.847@vnet.ibm.com>
Source record: 276595

In article <1994Mar2.212425.1@uncvx1.oit.unc.edu>,
on 2 Mar 94 21:24:25 EDT, <trig@uncvx1.oit.unc.edu> writes:
> I bought a Radio Shack scanner antennna about a year ago that works
>very nicely, especially with VHF-low, i.e. Highway Patrol and cordless phones.
>I dont know the model number right off, but this is the popular magnetic-mount
>antenna with two loads. It is about three feet long. The antenna is nice
>because I can just remove it and throw it in the trunk when I dont want it to
>be seen. It also works as an indoor antenna.
>

I too use the RS Magnetic mount scanner antenna and have had good results
with it. I primarily scan rail frequencies (160-161 Mhz), but have also
used it in the 46 Mhz (cordless phones) and the 450 Mhz range as well. All
have been with improved results over the duckie the scanner came with.

****
Thanks to the Interstate Highway System, it is now possible
*to travel across the country from coast to coast without *
*seeing anything. --Charles Kuralt *
* *
*ALL STANDARD DISCLAIMERS APPLY, Next time, *
*PDENNIS@VNET.IBM.COM A.K.A. PHIL DENNIS take the train! *
****

1538. Re: Further criminalization of scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-03 14:41:59 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1994Mar3.144159.3607@ke4zv.atl.ga.us>
Source record: 276596
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <1994Mar2.175938.12119@alw.nih.gov> weisen@alw.nih.gov (Neil Weisenfeld) writes:
>Rather than thickening the law books, the government should educate the
>public about what is going on. The public will demand encrypted
>cordless phones and the manufacturers will deliver. Then the radio
>voyeurs have more challenges to liven up the sport :-). All the law is
>going to do is damage the lives of the very few people who get caught and
>damage the lives of the many who blab all sorts of confidential information
>on their cordless phones.
>
>I'd be interested if other people agree.

I agree, both with the idea that government is too quick to say "there ought to be a law" and that scanner hobbiests are at heart voyeurs. That's where the basic difficulty arises. Laws against Peeping Toms have existed for centuries. Congress is trying to extend that principle into the wireless age, but they're making the same mistake here as they are with the problem of violence in society. Banning scanners will be no more effective than banning guns, and has the undesirable side effect of causing unnecessary harm to legitimate users of these tools. The real problem in both cases is sick and twisted individuals with no sense of morals or ethics, not the hardware that enables them to pursue their voyeurism or violence.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

1539. Re: ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-03-03 15:52:37 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <CM3Irr.M75@cbnewsc.cb.att.com>
Source record: 276597

In <linleyCM30po.Cuw@netcom.com> linley@netcom.com (Bruce James Robert Linley) states:

|Yes the Icom-R1 is a continuous (500kHz-905MHz?) coverage scanner but
|the R1 describes itself as a "communications receiver", not as a
|scanner. The difference is signifigant. The Icom W2A ham _trans_ceiver
|can receive cellular right out of the box after a 'magic key sequence'.
|It will not be affected by the April Scanner law because it is classified
|as communications equipment, not as a scanner.

Hmm, I seem to recall that "communications equipment" was affected as well by the new law... certainly, I have noticed that ads for the Alinco DJ-580T in the amatuer radio rags don't seem to mention it's 800 Mhz capability anymore... so does the DJ-580T still have 800 Mhz receive capability anymore as of April?

1540. LO detection at a distance

Newsgroup: rec.radio.scanner
Date: 1994-03-03 16:26:08 UTC
From: tw@intel.com
Message-ID: <CM3KBK.BzF@ibeam.intel.com>
Source record: 276598
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Quickly, there are very few different first IF's in use. The local oscillator present in superheterodyne receivers has some small leakage out to the antenna. The local oscillator is a fixed offset from the receive frequency. If you know the make of radio (and hence the first IF) and can tell the current LO freq, you can tell the receive frequency.

Regarding the ability of one to rx the LO at a distance: this was used by the British during WWII. The capability by now is probably somewhat refined.

Now, to the question of where the LO emission is coming from, a directional antenna should be more than adequate given the low power levels involved, but I've not tried this. Obviously the house festooned with antennae is the probable suspect.

Don't legislate stupidity, design it. (oops, I meant *security*)

-tw@ibeam.intel.com

1541. Re: Update on Cellular Data Decoding unit

Newsgroup: rec.radio.scanner
Date: 1994-03-03 17:31:27 UTC
From: ala@austin.ibm.com
Message-ID: <CM3nCF.180n@austin.ibm.com>
Source record: 276599

In article <CM1wDH.FLp@vcd.hp.com>, egurney@vcd.hp.com (Eddy J. Gurney) writes:
> The latest (February '94) issue of Nuts & Volts Magazines mentions the
> revision "D" of the "Cellular Surveillance Instrument" (CSI) reviewed
> in the August '93 issue. According to the article, the new CSI
> incorporates far more advanced electronics for signal processing and
> data decoding, and there is a *rumor* that additional software will
> eventually be available to allows the CSI hardware to decode various
> pager data formats as well as possibly unencrypted Motorola mobile
> data terminal (MDT) transmissions. Those are future possibilities,
> however.
>
> The biggest change in the CSI is that in can be used not only on
> the North American AMPS cellular system, but also TACS and ETACS used
> in Europe, the Middle East, Southeast Asia, Hong Kong, etc.
>
> On the hardware side, the radio control cables are now consolidated
> into one cable. For law enforcement and investigative use, the CSI
> has an integrated control relay and jack for activating a recording
> device. Other upgrades include on-screen DTMF decoding from voice
> channels and the ability to scan and display the signal strength of
> control channels.
>
> Special RECC software is available that can display the ESN of a
> phone as well as the manufacturer's name. For security reasons,
> this software is available to service shops only upon verifiable
> authorization from your local cellular carrier or for law enforcement
> use. Full information on the serial number decoding is available
> in the product literature, available for $3.00 via mail or free via
> e-mail.
>
> The CSI is available for US$484.00 (overseas US$529.00), including
> power supply, cables, specific kit for your radio/scanner, and shipping.
>
> For more info, write: SPYTECH, 65 - 31 Avenue South West, Calgary,
> Alberta, Canada, T2S 2Y7. Their e-mail address is
> bill.fischer@t800.cuc.ab.ca.
>
> DISCLAIMER: I don't own one of these, I have no financial interest in
> SPYTECH or any related business, never seen one in person,
> etc.

I've seen one of these units. A friend (private investigator) has one hooked up
to his modified Icom reciever (sorry don't know the exact model number). It
looks like a funny little box that attached between his Icom, then the interface,

then hooked up to his little XT laptop. Pretty nifty device. I know I want one. It displays everything about the call, except for the ESN of the cellular number, but like you said before there is additional software that will display the information, and according to my friend, he says that there is another company out here in the US that sells a similiar device whose software will work on the above unit. This thing tells you the mobile number, cell, etc. It can be set up manually to monitor a particular cellular phone number as well. Illegal to own? Hmmm... I don't know the answer to that, but definately, according the ECPA, is illegal to monitor cellular.

My friend told me that when he purchased his unit, that they charged him another couple of hundred bucks or so in addition just for the software to run the thing. Anyone know if that's the case?

Al

****
Al Aguirre (internal mail) ala@d11help.austin.ibm.com
(external mail) ala%d11help.austin.ibm.com@ibmpa.awdpa.ibm.com
OR
ala%d11express.austin.ibm.com@ibmpa.awdpa.ibm.com
"Because information wants to be free!" Bruce Sterling@HoHoCon Austin Dec'93
DISCLAIMER: I SPEAK ONLY FOR MYSELF, THE ABOVE POST IS NOT REFFLECTIVE OF IBM.
****

1542. Re: Help! Pro43 not working after attempted modifications

Newsgroup: rec.radio.scanner
Date: 1994-03-03 17:50:52 UTC
From: zlau@arrl.org
Message-ID: <1994Mar3.175052.8016@arrl.org>
Source record: 276600
Cross-posted to: rec.radio.scanner,alt.radio.scanner

John Burkett (yyjdb@jzola.lerc.nasa.gov) wrote:
: In article <2l08q1$7jk@agate.berkeley.edu>,
: Philip Kohn <kohn@ICSI.Berkeley.EDU> wrote:
: >Question: what temp do people set the soldering iron when
: >desoldering the antenna and CPU shelding? I tried to keep
: >it around 550F, but had to increase to a little over 600F
: >to get things to melt.

I set mine to 700 to 750F. I'd say that 600F is too low for
typical 60/40 or 63/37 solder used in electronics.

You want to keep it below 800F, as temperatures this high
will cause the copper foil to separate from the board.
Unless of course you want to remove the copper foil. In this
case you do want to set it up to 850F.

True, you want to transfer heat quickly, but I do this
using a *big* soldering iron chip.

I don't think using a freeze spray is useful, as mechanical
motion can disturb the proper liquid to solid transformation of
solder. Moving the solder as it cools can result in a solder
joint that does a poor job of passing electricity.

: As hot as available! a 35 to 45 watt pencile is best.

: Weekend tech's say to use low heat, however, this warms
: a larger area of the board and components and continues to
: conduct heat into components for a minute or two after pencil
: is removed.

: This is how weekend tech's 'lift' traces off boards!

: I found using highest available heat to quickly melt and
: minipulate the local area then immediately appling -62,
: or any freeze spray has the best results.

: Get in and out. The operative word being 'fast'. Hot heat
: is faster then slow heat.

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

1543. Wired Article Re:Military Monitoring (LONG)

Newsgroup: rec.radio.scanner
Date: 1994-03-03 18:22:14 UTC
From: ah595@cleveland.Freenet.Edu
Message-ID: <2l59sm$ljj@usenet.INS.CWRU.Edu>
Source record: 276601

I found this article in rec.aviation.military. Thought you all
might be interested.

Eric

>Newsgroups: rec.aviation.military
Path: usenet.ins.cwru.edu!howland.reston.ans.net!math.ohio-state.edu!magnus.acs.ohio-state
.edu!cis.ohio-state.edu!news.sei.cmu.edu!cch
From: cch@sei.cmu.edu (Clifford Huff)
Subject: Steath Watchers (Wired Article) (Long)
Message-ID: <1994Mar2.122634.21783@sei.cmu.edu>
Keywords: steath, Aurora, TR-3A, F-117
Sender: netnews@sei.cmu.edu (Netnews)
Organization: The Software Engineering Institute
Date: Wed, 2 Mar 1994 12:26:34 EST
Lines: 429

Here is an interesting article from Feb Issue of Wired Magazine relating to
those who try keep a public eye on stealth aircraft.

Before the text of the article there are two short notes relating to this
article. First, NBC Unsolved Mysteries, on tonight's show, will air the 9
seconds of video taken by Steve Douglass of what is believed to be the TR3A
Black Manta. Second, if you want your own minature collection of the SR-71,
Aurora and TR3A, check out your local TOYS-R-US for the Micro Machines
Military set with these planes.

____ ______ _____ _____===== Cliff Huff
/ __ \ | _____| |_ _| _____========= cch@sei.cmu.edu
| |__|_| | |__ | | _____============= Software Eng. Institute
____ \ | __| | | _____================= Carnegie-Mellon Univ.
| |__| | | |____ _| |_ _____============= Pittsburgh, PA 15213
____/ |______| |_____| _____========= Voice (412) 268-7605
----===== Fax (412) 268-5758

C a r n e g i e - M e l l o n U n i v e r s i t y

Disclaimer: The views contained herein are my own, not those of my employer.

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From WIRED Issue 2.02

Stealth Watchers

Armed with Radio Shack scanners and PCs, Steve Douglass and a small group of private citizens are unmasking the US Defense Department's black-budget aircraft. Phil Patton reports from Dreamland.

First Steve Douglass heard and saw familiar shapes - F-117s he had seen many times since they emerged from the black-budget world; Stealth fighters he had tracked and monitored when they were still secret. Then came one that was slower, with a different sound, a different shape. Douglass's radio scanner crackled, the numbers churned on its readout. He was at White Sands Missile Range, and the sky was filled with B-1Bs and F-15s. He raised his video camera - and the battery warning light flashed. He grabbed seven seconds of video before the machine snapped off.

Douglass had gone that May weekend with his father-in-law, Elwood Johnston, packing his Radio Shack Pro-2006 and other scanners, to cover an exercise near Holleman Air Force Base in New Mexico. He received a tip that something interesting would happen. Now, in the living room of his ranch-style home in Amarillo, Texas, the country's top military monitor shows his tape. Beavis and Butt-head disappear from the screen, and from a powdery mix of colors emerges a dot, a dot growing larger, a dot becoming a winged bat, a ray-shaped airplane swooping overhead - then the image dissolves to gray grit. He flicks the machine off. "Seven seconds," he says. "You live for those moments. You listen all those hours for that kind of gold nugget."

The "bat" is a still-secret TR3A Black Manta, captured on video for the first time by Douglass - the dean of a new culture of digital scanner buffs who monitor military channels to find secret planes. The image is published here (see page 83) for the first time (the 5,000 or so subscribers to Douglass's Intercepts newsletter got a sneak preview last fall).

The Black Manta operates in tandem with the F-117A Stealth fighter, and although evidence suggests it was used in the Gulf War, the Air Force has yet to admit its existence. With the help of a frame grabber, Douglass printed an enhanced view of the bat plane after he returned from White Sands. Then, consulting with his wide network of experts in the industry, the aviation press, and the military, Douglass tweaked the details to create a speculative image of the airplane the government says does not exist.

Thanks to new technology, military monitors and stealth stalkers can listen in on the President talking from Air Force One and hear pilots from mysterious planes called Manta and Aurora. Around 1970, solid state electronics replaced old crystals as the heart of scanners. Before long, you could buy a 200-channel scanner from Radio Shack for about US$300. Radio Shack has sold more than 4 million 2006 scanners worldwide, but Douglass estimates there are probably only about 500 hardcore military monitors in this country - which is by far the most relaxed nation when it comes to civilian ownership of such equipment.

Several other companies, including Bearcat and Uniden, also make scanners. Current equipment can cover thousands of channels a second, defeating most

"channel-hopping" transmitters. Encryption is used at high-level bases, but it's expensive and vulnerable to atmospheric shifts. Until recently, even Air Force One broadcast communications without first encrypting them.

It's all completely legal - except for the practice of listening in on cellular phones, something Douglass finds of little use. When he was suspected of tapping the cellular phone of a Texas congressman - the FBI paid Douglass a visit. Suits suddenly appeared in the windows of the long-vacant house behind him, and a bug showed up on his phone. The real culprit was later found, but Douglass now sweeps the place monthly for bugs.

Long before they tried to find out about the Manta or the Mach 6 Aurora, monitors, and black birders told us about the U-2 and a project called Oxcart, which turned out to be the SR-71 Blackbird. They insisted that the Stealth fighter existed years before the Air Force released the first murky snapshot and admitted its existence. (Some stealth watchers even believe the Air Force called the fighter the F-117 simply so they could go on insisting there was no F-19, the logical designation for a new plane in official sequence. "Adds up to 19, right?" smirk the stealth watchers.)

To those who criticize their listening in and who accuse them of endangering national security, Douglass and other monitors answer: "Hey, Radio Shack sells to the bad guys too; anything we can hear, the spies can hear too." In Douglass's thickly carpeted retreat, six scanners work steadily, hopping from channel to channel - short wave, VHF, UHF, sideband - all feeding into a little voice-activated Radio Shack tape recorder that vacuums up every scrap of voice, packing a day's talk into 90 minutes or so that Douglass listens to late at night.

After years of practice, his ear strips away the static; he listens simultaneously to stereo, television, and multiple scanners. Models of planes hang from the ceiling, pictures of planes line the walls. In one corner lurks a huge oscilloscope - military surplus - and a Hallicrafter's short-wave set, packed with tubes, picked up for $25 at a garage sale.

There are maps of military bases and of New Mexico, as well as a Landsat photo of the F-117 base at Tonopah. Red and blue lines on a map show main air routes, and refueling courses. Amarillo is dead center in the heart of the country's military flyways. "Why go to Groom Lake," people ask him, "when the planes seem to come to you?" Douglass has been uncanny in catching, say, F-117s coming almost over his house. "It's as if they know where you live," his colleagues joke. Flying high and fast, taking off and landing from secret bases of sand and sage as big as Switzerland, the black aircraft elude the senses: By the time you hear them, they have passed.

But as Douglass knows, a scan of radio frequencies will tell you where to look. In one of the coups from which his reputation was made, Douglass took the first pictures of the "donut on a rope" contrail associated with a mystery aircraft, possibly the long-rumored Aurora reconnaissance plane that the Air Force denies exists.

Now he shows off his latest find, the Black Manta. He loads sound bites captured at White Sands onto Soundscan files on his Performa 450. This allows him to set them off one by one, clicking each little folder, so they explode like little firecrackers, with sharp sparks of voice amid the smoke of static. "You've seen one of these before, haven't you, Steve?" says the voice of one airman talking to another (the coincidence of the name seems like a taunt). And the pilot complains, "I've got a couple of screws loose on the heat shield." The tail number is given - 806 - but F-117s stop in the 600s. All this tells Douglass the airplane is an unusual one - almost certainly a TR3A or another secret plane.

The maintenance and security people talk about the arrival of a VIP in the morning. Later, Douglass would discover that General Colin Powell, then chair of the Joint Chiefs of Staff, had been visiting El Paso, Texas, the day before. He suspects Powell might have made an unpublicized side-trip for a glimpse of the Black Manta. Douglass and his wife Teresa, an artist and computer whiz, write and publish Intercepts - a newsletter for monitors - from their home. Douglass also runs a BBS and operates the Above Top Secret forum (under Aviation, Military) on America Online.

He is a stringer for CBS, and monitors fire and police channels for the Amarillo Globe Times, where he spent six years as a news photographer. He's just finished The Comprehensive Guide to Military Monitoring, which is likely to become the bible of military monitoring, sharing tricks, frequencies, and some of the wonderful American music of callsigns and radio vocabulary. In the pages of Intercepts he runs letters and columns above the code names of correspondents: Darkstar November, Big Red, Lone Star, Ghostrider - some of them people with jobs they don't want to jeopardize by using their real names.

Douglass has subscribers at CIA headquarters in Langley, Virginia and throughout the military. His followers are hackers of a black-budget world, an underworld that costs American taxpayers about $16 billion. Looking at the federal budget, it's hard to figure out how all that money is spent.

But one can see where it ends up: The parking lots at Lockheed remain full and analysts show the sum of its work from federal projects swelling from $53 million a few years ago to some $400 million last year. Bubbling away on an old Commodore 128, soon to migrate to a Mac, Douglass uploads selected items from the Intercepts bulletin board to America Online.

On AOL, he finds, many stealth chasers are meeting each other for the first time. The service, Douglass says, has become a clearinghouse for monitors to share military intelligence. "It's almost like a public intelligence network," he says. Douglass's frame-grabbed print of the TR3A looks at first glance like a flying saucer. No wonder monitors are often equated with the UFO gang.

"That word is misused," he says. "Yes, (secret military planes) are objects, they fly, and they are unidentified." Some of his subscribers are saucer buffs; others threaten to cancel their subscriptions if "any of that UFO foolishness" shows up in his pages. But, like it or not, some of the best-informed stealth watchers believe that the military is "reverse engineering" alien craft at a site called S-4, near Papoose Lake inside the military reservation south of Groom Lake in Nevada.

The ideas of both secret planes and flying saucers strike deep chords in the collective unconscious. They may be the demons and the angels of our time. The two groups merge almost seamlessly into each other. Descriptions of sightings sound similar: "there was a very, very low rumble, like air rushing through a big tube" or "the lights had a diamond shaped pattern and the object turned rapidly and dashed away."

"They really are unidentified flying objects," says Tim Weiner a Philadelphia Inquirer reporter who dissected the black budget and described secret aircraft in his definitive book Blank Check. "Sent by a mysterious alien civilization - the Pentagon." The best places to monitor are in the west: Tonopah, Nevada, where the Stealth fighter was based; Holloman AFB, New Mexico; Edwards Air Force Base in California; plant 42 in Palmdale, California run by Lockheed; the mysteriously shaped radar cross section test facilities at Tejon Ranch, California, and Groom Lake, the holy of stealth holies.

In addition to the TR3A, which hunts in concert with the F-117 and seems to be a reconnaissance and laser designator craft, the plane that draws the most speculation is called Aurora. Its real name, if the craft does indeed exist, is not known. But many reconnaissance programs have been given names related to the dawn. In 1986, a censor's slip left a line billed "Aurora" unblackened in the public version of the Pentagon budget. That is the name most often given the new spy plane, although another Pentagon designation is "Senior Citizen."

Some say Aurora flies without a pilot - like the remote-controlled drones that plied the skies during the Gulf War, but pumped to supersonic performance. Some say there's a bomber too, perhaps a whole family of strange birds. There's one stalkers call "The Mother Ship," that looks like a Concorde with stubby front fins, or canards, similar to the XB-70 of the '60s. Others are nicknamed Honey Dripper and Goldie.

No one knows for sure how many real planes these sightings represent. "It is useful to consider mystery aircraft not simply as an engineering product, but also as a sociological and epistemological phenomenon," reads an oddly unscientific sentence in "Mystery Aircraft," a 1992 report by The Federation of American Scientists. That report concluded that it was highly likely that these craft exist, but unprovable. There is, the American Federation of Scientists says, "a signal to noise ratio" problem in dealing with secret aircraft. Or as Douglass puts it in Texas Panhandle vernacular, "it's tough to pick the pepper out of the shit."

There are all kinds of monitors. Monitoring Times, for which Douglass writes a column called "Federal File," speaks to an audience of some 40,000 people, of widely differing interests. Some listen to locomotive engineers, others to ships at sea. Although military monitoring has been called "ham radio cubed" or "super ham" and the scoops monitors provide are often described in the press as "ham radio reports,"

Douglass says the monitoring culture is misunderstood. "Hams say, 'you can only listen?' They look down on monitors," Douglass explains. Monitoring culture is more closely related to the nation's brief infatuation in the mid '70s with CB Radio. Motorists listened to CB to find out what the police were

doing; many then graduated to police scanners that let them listen to the police directly. Douglass played around with CB until "the idiots all got on."

Douglass grew up in Idaho, where he came to love airplanes after going to local air shows. His work at the Amarillo Globe Times, where he used police scanners to track stories, made him curious. He began to wonder what else was in the air. "It was like the old George Carlin bit," he says, "'what's on beyond the edge of the dial, after the knob stops? What are they hiding out there?" Douglass began feeding information to The Associated Press, then to NBC-TV.

His first coup came in 1986, when he picked up transmissions from a Soviet nuclear sub with a critical nuclear reactor problem. In an early sign of detente, US Navy ships rushed to the scene to help out. The Pentagon denied the story, but when an AP reporter brought in Douglass's tape - on which a sailor screams: "It's sinking! It's going down! Radiation counters are going up!" - the military finally admitted what was going on. Television cameras were present when American ships rescued the Soviet crew.

Douglass heard the troops assembling to invade Grenada, then Panama. During the Gulf War, he fed shortwave reports of Scud launchings from troops in Saudi Arabia to network reporters before their Israeli bureaus heard the sirens.

In 1989 Douglass picked up communications between "Joshua control" and an aircraft calling itself "Gaspipe." He realized it was flying close by. He ran out of his house, slapping film into his Canon AE-1. He could hear the rumbling sound of the engine, even feel it in his chest, but all he saw of the craft itself was "a silver glint of light, a metallic shape." Even with a 400-mm telephoto lens he managed to photograph only the plane's contrail with the Aurora's purportedly characteristic "donut on a rope" shape, suggesting an advanced pulse-jet engine. Aviation Week ran the photographs.

Later, he talked by phone with a pulse-jet engine expert he knows at a military contractor. The engineer played chords on a synthesizer over the phone, striking lower and lower frequencies until Douglass found the one he had heard. "Damn," the engineer said, recognizing that his rivals had perfected the advanced jet engine, "they've done it."

Black planes raise dark issues. Critics say now that the Cold War is over and now that satellites (run by the folks over at the National Reconnaissance Office, whose very name cannot legally be spoken by government officials) can see through clouds there is no real need for these planes. Some question the stealthiness of any "top secret" plane that amateurs can pick up on a Realistic Pro-2006 scanner from Radio Shack.

For many, the issue is cost: A covert program costs two to three times as much as an overt one. Others wonder about duplication of research efforts on the black and "white" sides of aviation. The technology of Aurora and other airplanes is close to that for the National Aerospace Plane, or X-30 - Ronald Reagan's Orient Express - a dreamed supersonic airliner. Is the same work being done twice? Or is the $600 million budget line for the NASP, as one European Space Agency scientist has claimed, simply a cover for Aurora? And

many suspect that the stealthiness of these airplanes has less to do with escaping detection by enemy radar than with escaping detection by the public, the press, and Congress.

Some experts estimate that black-budget aviation programs are the largest single item in the whole Defense Department budget and that keeping them out of the public eye protects them from congresssional budget cutters.

Those who doubt the usefulness of what the monitors do should consider a phone call Douglass got not long ago from the father of a dead B-1B pilot. The airplane had crashed into a mountainside, and the Air Force blamed the pilot. Investigators came to the father's house, asking him if his son was a homosexual or a drug abuser. Congress was considering further funding for the B-1B and Douglass, after hearing of the crash, checked his scanner tape from the night before. It clearly recorded the pilot complaining of problems with the plane's autopilot. When the news came out, the military brass denied that any "amateur ham radio operator" could have such information. But Douglass had the tape and was able to tell the father the truth. He can't answer all the big questions, but he could answer that one.

******* SIDEBAR *******

A Visit to Dreamland They call it "Dreamland," the Shangri-la, the Forbidden Temple of black aircraft. The Groom Lake secret base in central Nevada, a.k.a. Area 51, is set amid a bomb range as big as Switzerland and is off limits to visitors. Here the U-2 first flew, and the SR-71 Blackbird and the F-117 Stealth fighter - all in secret.

Only a few grainy pictures of the place exist; it is illegal to photograph - or even to sketch. Fighter jocks in the area call it "The Box" and if they stray into it they are interrogated, harangued, and grounded. Groom Lake is tough for military monitors. Most radio transmissions are encrypted - a costly and difficult process rarely undertaken by the military.

But there are a couple of places from which to actually see the Groom base. This spring, secret plane and UFO buff Glenn Campbell, a military monitor and author of the Area 51 Viewer's Guide, discovered the closest and most accessible viewpoint. He named it "Freedom Ridge" and was delighted when he heard the local guards using that name on their radios.

The first Lockheed engineers who brought the U-2 here in 1954 wryly named the place Paradise Ranch. But sometimes in the early '60s the name "Dreamland" began to appear on military maps. Today, it is omitted completely, and Landsat offers no satellite photographs of the area, although the Russians will sell you one for about $5,000.

In 1984 the military went to the Bureau of Land Management and had large tracts of land around the base declared part of the Nellis Bomb and Gunnery Range. The perimeter is marked by signs along roads warning "use of deadly force authorized." But two high points that allow a glimpse of the base to intrepid hikers remain accessible.

Last October, the military filed papers to take over those points too. In protest, two dozen stealth chasers, monitors, and UFO buffs climbed to the top of Freedom Ridge for a final glimpse before the shades came down. I joined them, driving up from Las Vegas past the B-1s landing and taking off at Nellis Air Force Base.

The desert seemed like low-res detail on a flight simulator game: RISC landscape. I came to the little town of Alamo, then through a pass in the hills, when suddenly a white stick of gravel road appeared, heading off to Groom. Cars send up dust streamers on this road, as they rise steadily up it, mile after visible mile. Hiking up to Freedom Ridge, we dodged the brambly and fragrant sage and the fuzzy, Muppetlike Joshua trees, we crossed rocks that seem inscribed in some alien cuneiform.

We walked a few feet from the perimeter of the base, marked by orange sign posts running across the high desert. On the other side of this barrier were strange looking silver balls the size of basketballs on poles, said to be motion detectors or other sensors. Some claim these can sniff the difference between a human and a wandering wild burro or rocky mountain sheep - the place is a de facto wildlife preserve.

At sunrise, helicopters sweep along the border and semi-private Wackenhut guards, known locally as "Wackendudes," keep an eye on intruders and call the local sheriff if need be. This day, a few Wackendudes appeared, then retreated.

The base unfolded beneath us as we reached the crest - the long white dry lake, a line of buildings, fuel tanks, an old bus, satellite dishes, a big hanger said to be for the Mother Ship, and a seven-mile runway. The only black birds we saw that day were ravens - eight or a dozen hovering near sunset in the thermals at the edge of the rocks, spiralling in formation. As night fell, the lights came on in the base below, where personnel were probably watching the World Series more intently than they watched the few people, high above Dreamland, watching them.

Douglass used seven seconds of blurry video, a frame grabber, and graphic enhancement software to produce this estimate of what the still-secret TR3A Black Manta might look like.

Want more information on monitoring?

Intercepts 6303 Cornell
Amarillo, TX 79109

Complete Guide to Military Monitoring
Universal Electronics Inc.
4555 Groves Rd., #13
Columbus, OH 43232

Area 51 Viewer's Guide
HCR Box 38

Rachel, NV 89001

Monitors BBS +1 (806) 359 6477

* * * Phil Patton is a freelance writer and regular contributor to WIRED.
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1544. Interneters in Germany:Please Help!

Newsgroup: rec.radio.scanner
Date: 1994-03-03 20:41:14 UTC
From: hl1@soc12.acpub.duke.edu
Message-ID: <2l5i1a$n9c@news.duke.edu>
Source record: 276602

There is an electronics company in Germany selling Yupiteru MVT7100 scanners with a switchable filter modification. I am not sure of the spelling of the name but I think it is "Berghartz".

Could someone provide the correct spelling, address, telephone number, fax number or (wonder of wonders) internet address?

1545. Re: **FOR SALE** SCANNERS

Newsgroup: rec.radio.scanner
Date: 1994-03-03 21:43:10 UTC
From: ad178@FreeNet.Carleton.CA
Message-ID: <CM3yzy.GHt@freenet.carleton.ca>
Source record: 276603

you DO NOT need to pay $350.00 for a NEW MR8100 professional mobile scanner! Scanner World has this same scanner for $289.00 complete with software! Call 1-518-436-9606 and save yourself some $$$.

--
Life's to short to worry... :)

1546. Radio Shack Ham Gear For Sale

Newsgroup: rec.radio.scanner
Date: 1994-03-03 22:43:30 UTC
From: dsring@equinox.unr.edu
Message-ID: <1994Mar3.224330.9697@news.unr.edu>
Source record: 276604

All items are owned by previous ham/radio shack employee, and have been well
taken care of and maintained.

HTX202 (2M FM HT) W/ALL ACCESSORIES AND AUTO POWER CORD- $150.00
HTX100 (10M SSB/CW HF RADIO) W/EXTRA MIC.& SWR METER- $100.00
DX390 (CONTINUOUS COVERAGE SW RADIO W/BFO)- $100.00

OR ALL 3 ITEMS FOR $300.00 !!!!!!!!

Please contact Phil via one of the following:

email: 75310,2311 (compuserve)
Telephone (702) 359-0862
OR drop me a note at email: dsring@equinox.unr.edu

--

Douglas S. Ring Amateur Radio Operator
University Of Nevada, Reno KB7QMD-Advanced Class
Electrical Engineering Major HZ1AB-Operating Member
email: dsring@equinox.unr.edu V.Chair-UNR Radio Club
Telephone: (702) 626-5516
Fax: (702) 626-3840
Assalamu Aleikum
(May peace be upon you)

1547. Re:Austin TX Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-03-03 22:44:33 UTC
From: leej@austin.ibm.com
Message-ID: <CM41uA.3p8x@austin.ibm.com>
Source record: 276605

To: eskin@btree.brooktree.com (Michael Eskin)
Reply-To: ...@cs.utexas.edu:ibmaus!auschs!leej.austin.ibm.com!leej
Subject: Re: Austin TX Frequencies?

In article <1994Mar2.224536.7021@btree.brooktree.com> you write:
|> I am currently visiting Austin for a few days and am looking for a good
|> list of police and fire frequencies... also any recommendations for
|> scanner or electronic hobby stores in the area.
|>
|> Thanks,
|> Michael Eskin (KC6NZK)
|> --
|>
|> Michael Eskin, Brooktree Corporation email: eskin@brooktree.com
|> 9868 Scranton Road AOL: BTRE MichE
|> San Diego, CA 92121 AppleLink: D4729 CIS: 76376,541

Welcome!

Police
460.100 APD North
460.325 NorthEast
460.175 East
460.45 Central/West
460.400 South
460.275 South
460.025 channel 7
460.500 channel 8

154.085 Travis Co Sheriff North
153.935 South
155.52 Round Rock PD
154.86 Williamson Co Sheriff

155.46 DPS Dispatch to mobiles
154.68 DPS mobiles to dispatch

155.37 Intercity base
154.95 Intercity mobile

Fire
453.45 AFD dispatch/Alarm 5
453.775 Firecomm 1
453.15 Firecomm 2

462.975 EMS
155.715 EMS County

154.4 Travis Co Fire control
154.355 Round Rock Fire Dept

Radio Shacks are all over town. Check out Austin Amateur Radio Supply for mags like Monitoring Times, Popular Communications, etc.

Have a good stay.

Lee Johnson

1548. Re: Austin TX Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-03-03 23:07:51 UTC
From: ala@austin.ibm.com
Message-ID: <CM42x3.16M3@austin.ibm.com>
Source record: 276606

In article <1994Mar2.224536.7021@btree.brooktree.com>, eskin@btree.brooktree.com (Michael Eskin) writes:
> I am currently visiting Austin for a few days and am looking for a good
> list of police and fire frequencies... also any recommendations for
> scanner or electronic hobby stores in the area.

>
> Thanks,
> Michael Eskin (KC6NZK)
> --
>
> Michael Eskin, Brooktree Corporation email: eskin@brooktree.com
> 9868 Scranton Road AOL: BTRE MichE
> San Diego, CA 92121 AppleLink: D4729 CIS: 76376,541

Mike, I sent you email on this already. Call me on my home number I've sent to you via email and I'll provide you with plenty of freqs-otherwise I'll post 'em tomorrow.

L8r's
Al

****
Al Aguirre (internal mail) ala@d11help.austin.ibm.com
(external mail) ala%d11help.austin.ibm.com@ibmpa.awdpa.ibm.com
OR
ala%d11express.austin.ibm.com@ibmpa.awdpa.ibm.com
"Because information wants to be free!" Bruce Sterling@HoHoCon Austin Dec'93
DISCLAIMER: I SPEAK ONLY FOR MYSELF, THE ABOVE POST IS NOT REFFLECTIVE OF IBM.
****

1549. Re: Further criminalization of scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-04 00:21:23 UTC
From: gilbaronw0mn@delphi.com
Message-ID: <9403031901591.gilbaronw0mn.DLITE@delphi.com>
Source record: 276607
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

>around for a long, long time as used equipment. The effects of the law
>will be to a) *not* severly restrict the availability of cordless-capable
>scanners and b) give the public a false sense of security.
>Rather than thickening the law books, the government should educate the
>public about what is going on. The public will demand encrypted
>cordless phones and the manufacturers will deliver. Then the aw is
>going to do is damage the lives of the very few people who getonfidential information
>on their cordless phones.
>
>I'd be interested if other people agree.
>
>
>--Neil
>

I could not agree more.

Gil Baron, El Baronvir"
PGP2.3 key at key servers or upon request

1550. PS Book Problems

Newsgroup: rec.radio.scanner
Date: 1994-03-04 01:06:38 UTC
From: mhardy@btree.brooktree.com
Message-ID: <1994Mar4.010638.9911@btree.brooktree.com>
Source record: 276608

I am having a problem with the PostScript Frequency Book.
After uudecoding the text file I get ps.pbs.Z.
Is this some form of compression, Self extracting archive or what?
What do I do with it now?
Any help for "a Computer Support person who just dont know"
Thanks
mhardy@brooktree.com

1551. Re: San Francisco Bay Area Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-03-04 03:34:53 UTC
From: rwilkins@ccnet.com
Message-ID: <2l6a8t$4eh@ccnet.ccnet.com>
Source record: 276609

Brett Miller - Support Engineer (bmiller@landesk.intel.com) wrote:
: The absolute best frequency guide for the Bay Area is Bob Kelty's
: Government Radio Systems. The latest edition is called the GoldenGate
: eddition. The previous eddition was a big book that covers the whole
: state. I have them both and find them to be very good. It is sold a few
: stores, but you can call Bob at 408-269-5814 and ask him how to get one.
: The price is around $25 to $30.

Bob can also be found at a local bay area ham swap meet every first
Sunday morning of the month at los positas college near livermore.

Many scanner enthusiasts swap stories and trade info at these impromptо
meetings. His table usually has interesting scanner memorablia as well as
early editions of his excellent books. Look for several vertical antennas
marking his spot.

Bob

--
Bob Wilkins bwilkins@cave.org

1552. Opinions on Icom IC-2SRA?

Newsgroup: rec.radio.scanner
Date: 1994-03-04 05:30:19 UTC
From: moews@math.berkeley.edu
Message-ID: <2l6h1b$on2@agate.berkeley.edu>
Source record: 276610
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anyone have any opinions on the wide-band receiver portion of
the Icom IC-2SRA? How does it compare to the Icom R-1, which
supposedly has severe problems? How does it compare to other
receivers?
--
David Moews moews@math.berkeley.edu

1553. Re: **FOR SALE** SCANNERS

Newsgroup: rec.radio.scanner
Date: 1994-03-04 05:40:45 UTC
From: el124@cleveland.Freenet.Edu
Message-ID: <2l6hkt$fs1@usenet.INS.CWRU.Edu>
Source record: 276611

You can also buy a NEW 8500xlt for $369.99 at Scanner World.
Your friend needs to revise his prices.

Mike

1554. Re: Radio Shack antennas any good?-in kansas!

Newsgroup: rec.radio.scanner
Date: 1994-03-04 06:41:25 UTC
From: bbb@kuhub.cc.ukans.edu
Message-ID: <1994Mar4.004125.59831@kuhub.cc.ukans.edu>
Source record: 276612

In article <2l2ong$a7d@nntpd.lkg.dec.com>, g_stofko@kau100.cth.dec.com (George Stofko) writes:
>
> Seeing that the original poster is in Canada, does he or anyone else know of
> a Canadian source for scanner antennas/accessories ?
>

Gosh. And all this time I thought I was in KANSAS..
No wonder its been so damn cold this winter!

(Sorry George I can't help ya out on .ca sources. Hope someone here can!)

BB

> -George
>

1555. Re: Antenna Problems with 8500XLT.

Newsgroup: rec.radio.scanner
Date: 1994-03-04 06:53:39 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Mar4.065339.8137@hpcvaac.cv.hp.com>
Source record: 276613
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.scanner

bfoust@nic.cerf.net (Brent Foust) writes:
: > Don't worry about 50 ohm 75 ohm impedance mismatch as
: > that stuff dosn't mean a thing when it comes to scanners it is only
: > relevant when you are transmitting.
:
: Does this mean that the scanner will work fine with my TV antenna?
:
: If so, those Radio Shack people sure know how to lie...

Well, the frequency range is not really correct. However, if you were to use a 300 ohm to 75 ohm transformer at the antenna (mainly to cut down on signal pickup by the feedline), it should work fairly well.

Bill

1556. Re: Wired Article Re:Military Monitoring (LONG)

Newsgroup: rec.radio.scanner
Date: 1994-03-04 07:18:38 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Mar4.071838.8265@hpcvaac.cv.hp.com>
Source record: 276614

ah595@cleveland.Freenet.Edu (Eric J. Hess) writes:
:
: I found this article in rec.aviation.military. Thought you all
: might be interested.

... article begins ...

... deleted ...

: more than 4 million 2006 scanners worldwide, but Douglass estimates there are
: probably only about 500 hardcore military monitors in this country - which is
: by far the most relaxed nation when it comes to civilian ownership of such
: equipment.

I doubt if the US is the most relaxed nation. For example, I believe that
Canada allows the same scanner privileges - and does not require cellular
frequencies to be blocked.

: Several other companies, including Bearcat and Uniden, also make scanners.
: Current equipment can cover thousands of channels a second, defeating most
: "channel-hopping" transmitters. Encryption is used at high-level bases, but
: it's expensive and vulnerable to atmospheric shifts. Until recently, even Air
: Force One broadcast communications without first encrypting them.

This is also bogus. There are no commercial scanners that can cover
"thousands of channels a second" - although 100 c/sec is becoming possible.

I don't know what "atmospheric shifts", but scrambled signals should not be
any more vulnerable than signals in the clear. And, cost has never been a big
concern for the US Military.

... rest deleted ...

Overall, an interesting article. I wish they would try to be a bit more
factual, however.

Bill

1557. Re: Antenna Problems with 8500XLT.

Newsgroup: rec.radio.scanner
Date: 1994-03-04 07:21:39 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Mar4.072139.8332@hpcvaac.cv.hp.com>
Source record: 276615
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.scanner

billn@hpcvaac.cv.hp.com (bill nelson) writes:
: bfoust@nic.cerf.net (Brent Foust) writes:
: : > Don't worry about 50 ohm 75 ohm impedance mismatch as
: : > that stuff dosn't mean a thing when it comes to scanners it is only
: : > relevant when you are transmitting.
: :
: : Does this mean that the scanner will work fine with my TV antenna?
: :
: : If so, those Radio Shack people sure know how to lie...
:
: Well, the frequency range is not really correct. However, if you were
: to use a 300 ohm to 75 ohm transformer at the antenna (mainly to cut
: down on signal pickup by the feedline), it should work fairly well.

Hm. Considering this again. The TV antenna, if it includes both VHF and
UHF, would cover most of the frequencies of interest.

Bill

1558. Just starting out

Newsgroup: rec.radio.scanner
Date: 1994-03-04 09:55:00 UTC
From: sdavies@vx9000.weber.edu
Message-ID: <4MAR199402552269@vx9000.weber.edu>
Source record: 276616

Can anyone suggest a good inexpensive (possibly moble) scanner for someone who is just starting out.

Thanks in Advance

Sven.

1559. Re: Update on Cellular Data Decoding unit

Newsgroup: rec.radio.scanner
Date: 1994-03-04 13:31:06 UTC
From: x93richards5@wmich.edu
Message-ID: <1994Mar4.083106.15390@wmichgw>
Source record: 276617

>
> My friend told me that when he purchased his unit, that they charged him another
> couple of hundred bucks or so in addition just for the software to run the thing.
> Anyone know if that's the case?
>
> Al
>

got the whole thing including interface for pro-2006 for 484.00
real nice piece of equipment.

1560. Re: Further criminalization of scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-04 14:37:56 UTC
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Message-ID: <1994Mar4.143756.9544@mixcom.mixcom.com>
Source record: 276618
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

>>public about what is going on. The public will demand encrypted
>>cordless phones and the manufacturers will deliver. Then the radio
>>voyeurs have more challenges to liven up the sport :-). All the law is
>>going to do is damage the lives of the very few people who get caught and
>>damage the lives of the many who blab all sorts of confidential information
>>on their cordless phones.

I agree. I really have no interest in listening to cordless or cellular
conversations. As an amateur radio operator and EE, I either own or, if
the challenge arose, could build the equipment needed to monitor.

Once the government starts making the interception of certain signals
illegal, therein lies the challenge! Once you have somthing "cracked"
the fun is gone, IMHO. Same for digital encryption. The fun is in
cracking the code. Or at least getting to that point. Once the code
is cracked, it's time to move on. The only way to know if any
encryption method is secure is to ENCOURAGE people to crack it. As
with monitoring cellular and cordless phones, passing laws does
nothing. Same with digital encryption. If you have to pass a law
against breaking a code, how good is the code in the first place??

If you find such things intersting, check out sci.crypt, also on
the internet.

--
/`-_ kevin.jessup@mixcom.com
{ }/ Marquette Electronics, Inc
\ / N9SQB, ARRL, Amateur Radio
|__*| N9SQB @ WD9ANY.#MKE.WI.USA.NA

1561. Re: Antenna Problems with 8500XLT.

Newsgroup: rec.radio.scanner
Date: 1994-03-04 15:11:13 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar4.101113.1@uoft02.utoledo.edu>
Source record: 276619
Cross-posted to: rec.radio.scanner,alt.radio.scanner

billn@hpcvaac.cv.hp.com (bill nelson) writes:
> billn@hpcvaac.cv.hp.com (bill nelson) writes:
> : bfoust@nic.cerf.net (Brent Foust) writes:
> : : > Don't worry about 50 ohm 75 ohm impedance mismatch as
> : : > that stuff dosn't mean a thing when it comes to scanners it is only
> : : > relevant when you are transmitting.
> : :
> : : Does this mean that the scanner will work fine with my TV antenna?
> : :
> : : If so, those Radio Shack people sure know how to lie...
> :
> : Well, the frequency range is not really correct. However, if you were
> : to use a 300 ohm to 75 ohm transformer at the antenna (mainly to cut
> : down on signal pickup by the feedline), it should work fairly well.
>
> Hm. Considering this again. The TV antenna, if it includes both VHF and
> UHF, would cover most of the frequencies of interest.
>
> Bill

I use RG8-SAT coax for my vertically polarized VHF/UHF TV log peroidic antenna and it works great with my 2006. 45Mhz reception is pretty decent, as the antenna includes elements for TV channel 2, at about 54Mhz. RG8-SAT, is 75 ohm coax if I remember correctly.

This antenna only cost me the price of the coax, as I used my parents old antenna! They've had cable for 10 years now. Its a great solution, as many people will give you the antenna for free, and sometimes even the tower. The Scanner Beam that Grove sells is nothing but a VHF-UHF TV antenna, so if you wanna save some money...

Later...

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1562. Reeds (filters) for Motorola Minitor II wanted

Newsgroup: rec.radio.scanner
Date: 1994-03-04 16:08:05 UTC
From: dans@rehab1.UUCP
Message-ID: <1006@rehab1.UUCP>
Source record: 276620
Cross-posted to: rec.radio.scanner,alt.radio.scanner,misc.emerg-services,misc.wanted,pa.wanted,phl.wanted

[This message is cross-posted to several non-related groups. PLEASE use]
[e-mail to reply. My address is in the following signature file.]

Motorola charges $55.00 (each) for new reeds. I am in need of 2 and am in search of a lower cost. The 2 I need are "457.1" and "691.8". Pointers or offers are very welcome.

For those who wonder, I have switched fire depts and would like to continue to use my personal pager (yes they share the same frequencies). My hope is that others have gone this route and may just have one (or both) their willing to sell for a good price. Spending more than 1/3 of the units cost for a reed change is out of the question.

-Dan
--
Reading Rehabilitation Hospital |\ /| * *
Dan Schein - Information Systems 'O.O' * UNDER CONSTRUCTION *
RD 1 Box 250 =(___)= * *
Reading, PA 19607 U -=[rehab1!dans@canal.org]=-

1563. Re: Detection of who's listening?

Newsgroup: rec.radio.scanner
Date: 1994-03-04 17:04:36 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2l7pn4$k9k@samba.oit.unc.edu>
Source record: 276621
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Mar2.110146.1@uoft02.utoledo.edu>,
<cscon0151@uoft02.utoledo.edu> wrote:
>
>I've heard that an antenna can actually 'rebroadcast' the scanner's IF stages.
>Is this true? I am curious about this.
>
>--
>Brad Steinman, N8ZRP
>The University of Toledo
>Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
> stu0105@uoft01.utoledo.edu (131.183.1.2)
>Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
>* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

Yep: The antenna does rebroadcast the mixer freqs. I built a 6-el. Yagi,
and when I tune my radio to 10.85 (first IF stage frequency) MHz above the
target frequency, I could use the Yagi to point the rebroadcast towards
another radio tuned to that target frequency, and it was quite strong
enough to break squelch on the other radio even at distances of ~100-200
feet. Even with the rubber duckie antenna on, the radio still broadcasts
the IF, though obviously not quite as strongly.

BTW, I have a (heavily modified) BC100XLT, though I haven't messed at all
with the mixer stages or anything like that.

Sherrod

--
****
* The above does not represent OIT, UNC-CH, laUNChpad, or its other users. *
****

1564. Re: Detection of who's listening?

Newsgroup: rec.radio.scanner
Date: 1994-03-04 17:07:26 UTC
From: rathinam@ins.infonet.net
Message-ID: <2l7pse$j4p@insosf1.infonet.net>
Source record: 276622
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <CM2GJ6.62o@metronet.com>, copeland@metronet.com (Charles Copeland) writes:
>
>I remember, as a child of 6, while living in England, that there were
>trucks that patrolled that could detect where a TV was being used. In
>England one had/has to buy a liscense to watch TV (one more way to tax).
>Finding people who were not liscensed generated more money as fines.
>
Detecting TV use is a lot easier than detecting scanner use (TV detection,
I believe uses the high voltage horizantal signal applied to the TV tube -
which gets radiated much more strongly than the scanner oscillators' signal.
Bottom line - if someone really wants to spend the money and is 'close
enough' to a scanner, they can find its presence. But most - if not all
such techniques involve transmission of some kind and looking for a
response. So if someone is doing a security sweep, sure they can find it
if it meets these criteria - though they can't tell if it is a scanner or
SW Receiver. Any corrections/additions/deletions are welcome.

An anecdote comes to mind: A few years ago, there was a big furor about
the Soviets (yeah, in the old days) putting bugging devices in the US
Embassy being built. It should be stand operating procedure to check for
bugs in an embassy (my guess), but when the US de-buggers checked by sending
a pulse and looking for echos, they were getting the echos from everywhere
because there were thousands of tiny diodes mixed with the cement. Someone
correct me if I remember it incorrectly (and change the SUBJECT accordingly).

rathinam@ins.infonet.net

1565. Re: Detection of who's listening?

Newsgroup: rec.radio.scanner
Date: 1994-03-04 17:14:25 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2l7q9h$kji@samba.oit.unc.edu>
Source record: 276623
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Mar2.180803.21783@news.csuohio.edu>,

<SNIP>
>...I have an RS RF freq counter
>I think I'll connect it to the ant. terminal of the scanner and
>see if I pick out either the 10.7 Mhz or 455Khz IF or 400Mhz IF for
>the 800Mhz band.
>
>Mike
>--
>^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
>Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
>Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
>Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
>v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^ Catch the WAVE v^v^v^

Last semester, while in Mexico, I used a spectrum analyzer (one of the few
good pieces of equipment there in the lab) to look at the antenna output
of my BC100XLT. I was mildly surprised: the level of the 1st IF (10.85
MHz for the Bearcats) was around -40 to -50dB (dBm, I think), which
surprised me becuase a lot of the signals which the scanner is able to
monitor without too much static are only received around -100dB. So my
scanner sends out a good bit of strength on the antenna "input".

Sherrod

--
****
* The above does not represent OIT, UNC-CH, laUNChpad, or its other users. *
****

1566. Waltham, MA's Westin Hote

Newsgroup: rec.radio.scanner
Date: 1994-03-04 18:36:00 UTC
From: derek.buchler@channel1.com
Message-ID: <40.1053.2433.0NE17BD8@channel1.com>
Source record: 276624

References: <1994Feb24.215231.2487@eisner>

BR> Anyone from the Waltham / Boston, MA area know the frequencies used by
BR> the Westin Hotel ?

BR> I'm a long term hotel guest with nothing better to do than scan a
BR> little bit.

Bert,

As I promised you, here is the list of frequencies that I found for the
Westin in Waltham.

464.8628
464.8875
464.9125
464.9625

Have fun.

Derek
* RM 1.3 00223 * Hold on- wait, maybe the answer's looking for you.

1567. Re: Further criminalization of scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-04 18:51:04 UTC
From: randolph@est.enet.dec.com
Message-ID: <CM5Mnx.3ro@ryn.mro.dec.com>
Source record: 276525
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <1994Mar2.175938.12119@alw.nih.gov>, weisen@alw.nih.gov (Neil Weisenfeld) writes...
>What I think we should do is write to our congresspeople and tell them why
>we feel the cellular and cordless privacy laws are so misguided. Even if
>they outlaw the manufacture of scanners that can receive cordless
>(and I haven't heard anyone say that that is what is up for debate --
>only outlawing *listening*, not manufacture), those radios are going to be
>around for a long, long time as used equipment.

Been there, done that. My Congressman ignored my letter. The law didn't pass on his watch, so, in the finest tradition of politicians, I guess he feels no obligation to deal with it.

Amen to the long, long time. I just tuned up my old BC220 table-top scanner. 15 years old, 20 channels, and no 800MHz, but still not a bad radio if your city hasn't gone to trunked public service.

>I'd be interested if other people agree.

Yup. These laws, if I'm not misinformed, are unique in recent history in that up until their enactment, it was legal to listen to any waves passing through your home, as long as you didn't act on or disclose what you heard. You are now a criminal if you choose to *tune in* to these particular band segments, regardless of what you do with what you hear. More such laws will follow, since government and regulations never shrink in size.
-Tom R. N1OOQ randolph@est.enet.dec.com

1568. NYPD/NYFD

Newsgroup: rec.radio.scanner
Date: 1994-03-04 19:26:59 UTC
From: jackson@cs.nyu.edu
Message-ID: <2l8223$gml@longlast.cs.nyu.edu>
Source record: 276526

I just found these.. I faintly recall typing these in, but enjoy nonetheless.

Steve

New York City Frequency Guide

```
+-------------------------------------------------+
|District: Manhattan |
+-----+-----------+-------------------------------+
|Radio| | |
|Zone |Precincts |Frequency (Notes) |
+-----+-----------+-------------------------------+
| 1 |1-5-7-9 | 476.5625 |
| 1A |6-10-13 | 476.3375 |
| 3 |MTS-17-MTN | 476.5875 (MT=Midtown South/North) |
| 4 |19-20-CPP-23| 476.3125 (CPP=Central Park Post) |
| 5 |24-26-30 | 476.3625 |
| 5N |34 | 476.8875 |
| 6 |25-28-32 | 476.6375 |
+=====+===========+=================================+

+-------------------------------------------------+
|District: Bronx |
+-----+-----------+-------------------------------+
|Radio| | |
|Zone |Precincts | Frequency (Notes) |
+-----+-----------+-------------------------------+
| 7 |40-44 | 477.0625 |
| 7A |42-46-48 | 476.9625 |
| 8 |41-43-45-49 | 476.9125 |
| 9 |47-50-52 | 476.6625 |
+=====+===========+=================================+

+-------------------------------------------------+
|District: Brooklyn |
+-----+-----------+-------------------------------+
|Radio| | |
|Zone |Precincts | Frequency (Notes) |
+-----+-----------+-------------------------------+
| 10 | 60-61-62 | 476.4625 |
| 11 | 68-72-76-78| 476.4125 |
| 12 | 67-69-71 | 477.0875 |
| 12A | 63-66-70 | 476.8625 |
| 13 | 73-75 | 476.9875 |
| 14 | 79-81 | 476.7875 |
| 14A | 77-84-88 | 476.7625 |
```

| 15 | 83-90-94 | 477.1375 |
+=====+============+=====================================+

+-----+------------+-------------------------------------+
|District: Queens |
+-----+------------+-------------------------------------+
|Radio| | |
|Zone |Precincts | Frequency (Notes) |
+-----+------------+-------------------------------------+
16A	103-105-113	477.1125
16B	107	476.4875
16B	109	476.9375
16B	111	477.0125
17	110-114-115	476.8125
18	104-108-112	477.0375
19 \ 100-101- \-------------------------------------
-----\ 102-110 \ 476.5375
+=====+============+=====================================+

+-----+------------+-------------------------------------+
|District: Staten Island |
+-----+------------+-------------------------------------+
|Radio| | |
|Zone |Precincts | Frequency (Notes) |
+-----+------------+-------------------------------------+
| 20 | 120 | 476.6125 |
| 22 | 122-123 | 476.3875 |
+=====+============+=====================================+

+---+
| Notes: |
| RMP = Radio Motor Patrol (patrol car) |
| EDP = Emotionally Disturbed Person |
| Identifier Scheme: Number and Letter. Precinct and |
| patrol car within that precinct. First car in 6th |
| Precinct is 6-Adam. Usually up to Edward. |
+===+

+---+
|Special Operations Division |
+---+
|Consists of: Aviation Unit, Emergency Services Unit |
|(ESU), Emergency Medical Squad (EMS) (department |
|ambulances), Canine Unit (K-9), Harbor Unit, Mounted |
|Unit, Street Crime Unit (SCU), Movie and Television |
|Unit |
+---------+------------------+------------------------+
| Channel | Usage | Frequency |
+---------+------------------+------------------------+
| 1 | Primary | 470.8375 |
| 2 | Car-to-Car | 470.6875 |

3	Citywide Direct	470.8375
4	Divisional Freq	477.1125
5	Divisional Freq	476.9375
6	Divisional Freq	476.8125
7	Divisional Freq	477.0375
8	Divisional Freq	476.5375
9	Street Crime Unit	470.6625
10	Citywide 1	476.7375
11	Citywide 2	476.6875
12	Citywide 3	470.8625

| Notes: "Go to 12" heard often on pct. units as well. |
| Identifier Scheme: Patrol units Letter and Number. |
| Letter is unit; number is ESU district. |
| |
| District Number |
| Manhattan South 1 |
| Manhattan North 2 |
| Bronx South 3 |
| Bronx North 4 |
| Staten Island 5 |
| Brooklyn South 6 |
| Brooklyn Central 7 |
| Brooklyn North 8 |
| Queens South 9 |
| Queens North 10 |

NYPD 10-Codes - Applies to all above frequencies

INSTRUCTION
10-1	Call your command
10-2	Report to your command
10-3	Call dispatcher by landline
10-4	Acknowledgement
10-5	Repeat Message
10-6	Stand by
10-7	Verify address

POSSIBLE CRIMES
10-10	Possible crime (prowler, suspicious person
	vehicle, shots fired)
10-11	Alarm (specify type)
10-12	Police Officer/Security Holding Suspect
10-13	Assist Police Officer
10-14	License number-occupied/suspicious (verify

	stolen)
10-15	License number-(verify stolen)
	occupied or not
10-16	Vehicle is reported stolen (alarm number)
10-17	Vehicle is not reported stolen

CRIMES IN THE PAST	
10-20	Robbery (past)
10-21	Burglary (past)
10-22	Larceny (past from person, other)
10-24	Assault (past)
10-29	Other crime in past (specify)

CRIMES IN PROGRESS	
10-30	Robbery in progress
10-31	Burglary in progress
10-32	Larceny in progress
10-33	Report of explosive (suspected device
	or threat)
10-34	Assault in progress
10-39	Other crime in progress (specify number
	detailed)

RAPID MOBILIZATION	
To be used for additional personnel above & beyond	
signal 10-77 & Task Force response:	
10-45	4 Sgt., 20 P.O.'s
10-46	1 Lt., 8 Sgt., 40 P.O.'s
10-47	1 Lt., 8 Sgt., 40 P.O.'s (Established
	schedules-designated units responding to
	emergency scene.)
10-48	No predetermined schedule. Response NOT in
	accordance with predetermined schedules.

NON-CRIME INCIDENTS	
10-50	Disorderly person/group/noise
10-51	Roving band (specify direction of travel &
	number in group)

10-52	Dispute
10-53	Vehicle Accident
10-54	Ambulance case (specify type)
10-55	Ambulance case (RMP not required)
10-56	Verify if ambulance needed
10-57	Ambulance-second call-verify
10-58	Assist ambulance (specify type of assistance
	needed)
10-59	Alarm of fire
10-61	Precinct assignment (unit unavailable)
10-62	Out of service (mechanical)
10-63	Out of service (meal)
10-65	Utility trouble (specify)
10-66	Unusual incident (specify: aircraft crash,
	building collapse, etc.)
10-67	Traffic or parking condition (specify)
10-68	See complainant re: (specify)
10-69	Other non-crime incident

PATROL BORO TASK FORCE MOBILIZATION	
10-70	Boro of emergency occurance
10-71	Citywide

LOCAL MOBILIZATION PLAN	
10-77	Specify plan

INTERIM ASSIGNMENT STATUS	
10-80	Cancel (specify unneeded service)
10-82	Verification/arrest
10-83	Report/notification at stationhouse
10-84	Arrived at scene
10-85	Need additional unit (specify type & reason)
10-86	Female (time in vehicle/out of vehicle)
10-87	Unit to hospital (specify hospital)
10-89	Other interim status

FINAL DISPOSITIONS (AVAILABLE)	
10-90	N-Notice served (unfounded or unnecessary
	alarm)

	N3-Notice/deferred service (unfounded or
	unnecessary alarm)
	U-Unable to gain entry
	X-Unfounded
	Y-Unecessary
	Z-Gone on arrival
10-91	Non crime corrected
10-92	Arrest (C-Crime Fel/Misd)(Q-Other)
10-93	Report prepared (no arrest)
10-94	Handled by previous tour
10-95	Non crime referred to other agency
10-96	Summons served
10-97	H-Patient removed to hospital
	R-Patient refused medical aid
	E1-EDP admitted to hospital
	E2-EDP released from hospital
10-98	Resuming patrol/available (not acceptable
	from last unit leaving scene)
10-99	Other final disposition (specify)

| Note: 90X most common final simply as "x-ray" |

Specialized Frequencies

123.300 Aviation Unit (Ed. note-AU not heard often; SOD F1)
151.160 Auxiliary Police
151.370 Auxiliary Police
151.955 99th Precinct Civilian Observation Patrol
154.725 Prospect Park Substation
154.755 Special Assignment portable radios
154.770 Special Assignment portable radios
154.785 Special Assignment portable radios
155.535 Special Assignment portable radios
155.565 Headquarters Security - Walkie-talkies
156.850 Harbor Unit (Marine Channel 17)
463.300 114th Precinct Observation Patrol
464.2875 66th Precinct Civilian Observation Corps.
464.825 67th Precinct Community Council
470.6375 Narcotics Division F1
470.7125 Traffic F2
470.7375 Intelligence
470.7625 Detective Bureau
470.7875 Manhattan Walkie-Talkies
470.8125 Confidential
470.8875 Internal Affairs
470.9375 Brooklyn North Walkie-talkies
470.9625 Brooklyn South Walkie-talkies
470.9875 Queens Walkie-talkies
471.0125 Public Morals Division
471.0375 Bronx Walkie-talkies

471.0625 Field Control Division
471.0875 Mobile Data Terminals
471.1125 Communications Division; Radio Repair
471.1375 Detective Bureau
476.8375 Auxiliary Police

New York City Fire Department

District	Input	Output
Citywide	153.890	154.430
Queens	153.770	154.400
Brooklyn	153.950	154.370
Manhattan	154.010	154.250
Bronx	154.070	154.190
Staten Island	-above-	-above-

Frequency	Usage
153.830	Primary Tactical (fireground ops)
154.430	Secondary Command
153.770	Primary Command - Manhattan, Bronx, S.I., and Brooklyn
154.010	Primary Command - Parts of Bronx, Brooklyn, all Queens
153.950	Secondary Tactical/Primary Command Parts of Manhattan and Bronx
154.070	Secondary Tactical/Primary Command
153.890	Jacob Javits Convention Center
460.575	Div. of Fire Investigation F1
460.625	Div. of Fire Inv. High Rise Ops
460.575	Div. of Fire Inv.
460.625	Div. of Fire Inv.
856-860.2125	Future trunking expansion
156.650	Fireboats (Marine Ch 13)
157.050	Fireboats to Coast Guard (Mar. Ch 21)
157.100	Fireboats (Marine Ch 22)
160.335	Ops at Grand Central Station

NYFD 10 Codes

10-1	Call your quarters or other unit
10-2	Return to quarters
10-3	Call dispatcher by telephone
10-4	Acknowledgement
10-5	Repeat Message
10-6	Stand by

```
| 10-7 | Verify address/location |
| 10-8 | In service by radio |
| 10-9 | Off the air |
| 10-10 | Unit location |
| 10-11 | Radio test count |
| 10-12 | Preliminary report |
| 10-14 | Roster manning program |
| 10-18 | Return all except 1 Engine AND 1 Ladder |
| 10-19 | Return all except 1 Engine OR 1 Ladder |
| 10-20 | Proceed at reduced speed |
| 10-21 | Brush fire |
| 10-22 | Outside rubbish fire |
| 10-23 | Abandoned/Derelict vehicle |
| 10-24 | Auto fire |
| 10-25 | Manhole or transformer vault fire |
| 10-26 | Food on stove |
| 10-27 | Compactor fire |
| 10-28 | Subway or railroad system fire, emergency, |
| | or smoke condition (code required) |
| | Code 1: New York City Transit Authority |
| | Code 2: other |
| 10-31 | Clogged incinerator |
| 10-32 | Defective oil burner |
| 10-33 | Odor of smoke |
| 10-34 | Sprinkler system emergency |
| | Code 1: Defective sprinkler |
| | Code 2: Unwarranted alarm |
| | Code 3: Unrelated activation |
| 10-35 | Alarm system emergency |
| 1
+-------+-----------------------------------------------+

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend
```

1569. Anyone in Ottawa know freqs?

Newsgroup: rec.radio.scanner
Date: 1994-03-04 19:47:03 UTC
From: brinskel@emr1.emr.ca
Message-ID: <1994Mar4.194703.2482@emr1.emr.ca>
Source record: 276527

I'm looking for someone here in Ottawa that has a frequency list of a variety
of sources, including police, fire, etc...

Thanks for any help.

Jeff

brinskel@emr.ca

--

Deep Thoughts By Jack Handey
I think someone should have had the decency to tell me the luncheon
was free. To make someone run out with potato salad in his hand,
pretending he's throwing up, is not what I call hospitality.

1570. Re: Austin Condor

Newsgroup: rec.radio.scanner
Date: 1994-03-04 20:56:56 UTC
From: mjr@crl.com
Message-ID: <2l87ao$slk@crl.crl.com>
Source record: 276528

In article <1994Mar4.140326.206551@ns1.cc.lehigh.edu> men0@ns1.cc.lehigh.edu (MICHAEL E. NAGEL) writes:
>
>
>With reference to the Austin Condor, I bought two of them some months ago,
>going in on the order with a friend to save shipping. We sent both back
>within three days of getting them. On our scanners, a BC200XLT and a
>BC2500XLT, the Condor worked no better than the stock antennas. Fortunately,
>DX Radio of Wagontown, PA graciously took them back for a full refund.
>--
>Michael E. Nagel
>Office of Development

This may have more to do with where you are and what you are trying to pick up. If you are close enough to all the important things you want to receive in the Condor's three tuned bands, then the antenna will seem to perform no better then the whip. In my rural situation, some of the public saftey freqs. I routinely listen to are just far enough away to be a hard pull for stock antennas (although to be sure some of them are better then others), but the Condor brings them in just fine. It is a somewhat "narrow mission" antenna if you will. If your situation warrents it, it will help. Otherwise it won't make a difference. If you listen a lot to stations outside of its tuned bands, it will even make them worse...

--
matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70271,255 Internet: mjr@crl.com

1571. Carrying scanner to Europe (was: Is it illegal to carry ...).

Newsgroup: rec.radio.scanner
Date: 1994-03-04 21:02:01 UTC
From: U11731@uicvm.uic.edu
Message-ID: <94063.150201U11731@uicvm.uic.edu>
Source record: 276529

Is it legal to cary scanner to any country in Europe (from US) ?
This summer I'm flying to Poland and Germany, and I like to have my
pro43 with me.
By the way, does any one know any good freq's there ?

Robert Gawronski
University of Illinois at Chicago
U11731@uicvm.uic.edu

1572. FBI's Uniform Crime Reporting Codes?

Newsgroup: rec.radio.scanner
Date: 1994-03-04 21:55:23 UTC
From: georgef@microsoft.com
Message-ID: <CM5u8C.7qr@microsoft.com>
Source record: 276530

Does anyone have a complete list of the "Uniform Crime Reporting" codes supposedly developed by the FBI? A local PD uses these for their clearing codes.

The list includes:

0300 Robbery
0400 Assault
0500 Burglary
0600 Theft
1400 Malicious Mischief
1800 Narcotics

The type/location/severity of the crime can be reported in more detail by using numbers between the 100 series (like 401, 402, etc).

georgef@microsoft.com

1573. Re: Opinions on Icom IC-2SRA?

Newsgroup: rec.radio.scanner
Date: 1994-03-04 22:35:51 UTC
From: bmiller@landesk.intel.com
Message-ID: <2l8d47$mlh@ornews.intel.com>
Source record: 276531
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <2l6h1b$on2@agate.berkeley.edu> moews@math.berkeley.edu (David Moews) writes:
>Does anyone have any opinions on the wide-band receiver portion of
>the Icom IC-2SRA? How does it compare to the Icom R-1, which
>supposedly has severe problems? How does it compare to other
>receivers?
>--
>David Moews moews@math.berkeley.edu

Its a great HT and scanner. I have had almost no interference problems with
this radio. It has good sensitivity but intermod is very rare on this unit.
The 2SRA goes down to 25MHz while the R-1 goes down to 100KHz (?) so these
two radios are not really the same. If your interest is VHF and up and you
are a Ham (or will be) this is a great radio. Keep in mind that the wideband
side antenna has a 1/8 inch plug and hooking an external antenna is a bit
difficult.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1574. Tuscon codes

Newsgroup: rec.radio.scanner
Date: 1994-03-04 22:45:41 UTC
From: drr1@nauvax.ucc.nau.edu
Message-ID: <4MAR94.22454175@nauvax.ucc.nau.edu>
Source record: 276532

I don't live in Tuscon so I don't know which are best.

Here are some Tuscon codes from Police Call:

Fire:
Channel 1: 453.1000 Alarm
2: 453.2000 Dispatch
3: 453.6000
4: 453.4000

Police:
1: 155.0100 Southwest
2: 155.7300 Northwest
3: 154.7250 Central
4: 155.4900 East
5: 156.0300 Special
6: 155.8500 Car-to-Car
7: 154.7550 Administrative
8: 155.9700 no description
9: 156.1500 no description
10: 155.4750 Mutual Aid
11: 154.8150 no description
12: 154.8750 " "
13: 155.6400 " "
S.W.A.T. 158.7300

1575. Re: Pro-43 vs Bc200XLT vs BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-03-04 22:51:55 UTC
From: bmiller@landesk.intel.com
Message-ID: <2l8e2b$nar@ornews.intel.com>
Source record: 276533

In article <1994Mar4.151502.55714@ns1.cc.lehigh.edu> men0@ns1.cc.lehigh.edu (MICHAEL E. NAGEL) writes:
>
>
>
>Thought I'd share a few thoughts based on recent ownership experiences. I had
>a BC200XLT for years and was thrilled with it but sold it to buy a
>BC2500XLT shortly after they came out. As I mentioned in an earlier post,
>this was a big mistake. The BC2500XLT exhibited poor sensitivity and
>selectivity. To make a long story short, I returned it for a refund. I live
>in an area of Allentown, PA that is overlooked by South Mountain, a major
>antenna site for our area. Interference from this site, mostly in the form of
>paging and the &%$#@(*& NOAA weather radio, caused the scanner to lock on a
>target frequency but receive two or more transmissions from other frequencies
>simultaneously on that channel. I think most people call this intermod. Also
>any electronic equipment, like a PC, answering machine or a TV, drove the 2500
>nuts. I now have a Pro-43, purchased from MaryMac. It is far less prone to
>interference problems from electronic devices than any scanner I've ever had
>but is subject to horrible intermode! The only was I can keep it quiet is to
>use a stubby 800 MHz antenna on it which kills lower band reception. Any
>reactions to this? Is this common for the Pro-43? I've about decided to send
>it back but am interested in knowing if I'm just expecting too much! Thanks,
>in advance, for your thoughts.
>--
>Michael E. Nagel
>Office of Development

I did the same swap as you did 200 -> 2500 and have been pleased with the added performance (i.e. scan rate & features). I have noticed some increase in intermod, but I have since moved to a more rural area and now have very little trouble. My suggestion to you is MOVE! ALL scanners on the market have very poor RF performance compared to Ham or commercial equipment. For most people that's not a problem, but for people who live close to transmitters it just doesn't cut it. Short of moving, you could 1. Get commercial grade receivers (usually one for each band you want), 2. Get a radio that supports CTCSS (this will only work for scanning PL encoded signals), 3. Build some notch filters with a BNC T connector and some coax (make a tuning stub), get a very directional antenna with high front to back ratio (such as a corner reflector type). Thats all I can think of at the moment.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1576. What to buy before April?

Newsgroup: rec.radio.scanner
Date: 1994-03-04 23:02:34 UTC
From: bmiller@landesk.intel.com
Message-ID: <2l8ema$nm8@ornews.intel.com>
Source record: 276534

I am normally very decisive on what I want, but this is a little different.
I would like to buy one more scanner before the April cutoff. I don't really
need another scanner, but for possible future investment, I'd like an extra.

I want one with 30Khz steps at 800MHz. I have considered the MVT-7100, but
I can't justify the cost. I am leaning toward the pro-43 since I already
have the BC2500. Does Marymac still sell modifiable pro-43's? or does anyone?

Any other suggestions on what would be a good investment under $500 It could
be base, mobile, or HH.

For some reason I just can't imagine an Icom R-9000 being sold as:
" DC to DAYLIGHT (less cellular)"
What is this world (country) coming to?

Post or email Thanks

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1577. Busch Gardens Frequencies Needed

Newsgroup: rec.radio.scanner
Date: 1994-03-04 23:04:45 UTC
From: baum@ukraine.corp.mot.com
Message-ID: <1994Mar4.230445.26588@lmpsbbs.comm.mot.com>
Source record: 276535

A friend of mine will be visiting Busch Gardens in Tampa, FL and is looking for frequencies used at the park. He is also looking for interesting frequencies in the Sarasota/Bradenton area. Thanks in advance for any info.

Kevin Baum
baum@ukraine.corp.mot.com

1578. Re: If I DON'T listen to cellular...

Newsgroup: rec.radio.scanner
Date: 1994-03-04 23:44:04 UTC
From: gesman@ionews.io.org
Message-ID: <2l8h44$3gi@ionews.io.org>
Source record: 276536

In article <2l333m$hmb@news.delphi.com>,
MAHJMAC@DELPHI.COM <mahjmac@news.delphi.com> wrote:

>little extra $$$ for secure equipment. I'm told that most cell and cordless
>conversations are nothing more than rambling about aunt Betty's latest
>bunion operations, how much beer Fred drank at the last game, and other
>sensitive information like that. It actually AMAZES me when I hear about
>some of the stupid stuff people talk about at the cellular rates!

Some cellphone plans has an unlimited calls on weekends for a flat fee or
even during the peak-off hours. So people filling their "free" airtime with
anything (just to keep cell Co busy).
--
G.Esman

1579. Re: Anyone in Ottawa know freqs?

Newsgroup: rec.radio.scanner
Date: 1994-03-05 00:21:55 UTC
From: tcoles@cousteau.uwaterloo.ca.uwaterloo.ca
Message-ID: <CM610J.D42@watserv1.uwaterloo.ca>
Source record: 276537

I don't have acttual codes for Ottawa, but I know where you can get them. Go to Radio Shack and buy the Haruteq (sp?) Scanner Guide. It retails for about $20. This list all to codes you want, for all of Ontario (including Ottawa).
Do you ever listen to stuff from Hull? Is it much different from Ottawa, other than possibly being in French?

Todd

1580. Re: Tape out for all scanners.

Newsgroup: rec.radio.scanner
Date: 1994-03-05 00:33:13 UTC
From: Henry@g0gku.demon.co.uk
Message-ID: <762827593snz@g0gku.demon.co.uk>
Source record: 276538

In article <2kpvkd$n8@crl2.crl.com> vhealey@crl.com "Victor Healey" writes:

>
> I want to thank the fellow who suggested using a telephone pickup
> coil attached to a scanner to activate a vor. I tried it with the Pro 43
> and it works like a charm using a Sony Vor. A problem with using the audio
> out headphone line is that a vor will activate just on the poping from the
> internal operation of the scanner. Even placement of the pickup is some
> what critical. Too close to the lcd display and it will pickup electrical
And, I want to thank you for letting me see that. As a blind user, I can
highly intuit that this is an excelent means of us psyching out the
scanner.
My biggest problem is determining if a channel is in delay, or non-delay
in my realistic 2004.
I can't hear any popping from the unit, so I have used my yupiteru to
listen around 500mhz for interference.
But, the trick with a telephone pickup coil offers a lot of
possibilities for "hearing" what's going on.
Maybe even possible to listen to the display buz to get a sense of other
changes taking place.
Because of the inaccessability of these devices, we have to look at all
kinds of cludges to make things work, and adapt to our needs.

--
Henry Brugsch
aka hbj elsewher, CIS: 75366.317.com
hbj@bix.com, Moderator of adaptive.tech conference, bix
telnet and internet connectivity $13 per month
(Join adaptive.tech) for info on adaptive tech for disabilities
telnet x25.bix.com
The freedom of information is a right not a privilege.

1581. Favorite NYC-area Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-03-05 00:54:03 UTC
From: sds910@aol.com
Message-ID: <2l8l7b$5dt@search01.news.aol.com>
Source record: 276539

I was wonderin' if anybody's got some favorites in the NYC area. Sure, I've got Scanner Master just the same as everybody else... but does anyone out there have any particular freq's to recommend re: coolness, activity, oddball stuff, drug deals, etcetera?

Steve :)

1582. Re: Anyone in Ottawa know freqs?

Newsgroup: rec.radio.scanner
Date: 1994-03-05 02:28:36 UTC
From: kwong@ee.ualberta.ca
Message-ID: <2l8qok$hmb@quartz.ucs.ualberta.ca>
Source record: 276540

In the Western provinces, we are fortunate enough to have a publisher called J & M Communications Ltd. They annually release the British Columbia Frequency List ($18.95), Pocket Size Frequency List for the Lower Mainland ($9.95), Alberta Frequency List ($18.95), Saskatchewan Frequency List ($14.95), and How to Get the Most From Your Scanner ($12.95). The Alberta book has 93 pages, gives general information about scanner use, police codes, home-made antenna suggestions, a trunked radio frequency table, channels sorted by service per city, and channels sorted by frequency for the whole province.

J & M books are available at technical bookstores and every Radio Shack in B.C., Alberta, and Saskatchewan. The Radio Shacks in the other provinces carry books by other publishers. In Ontario, you can ask for the "Haruteq Scanner Book." It's listed for $21.95 in the Fall 1993 Radio Shack catalog.

1583. Re: Further criminalization of scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-05 02:47:44 UTC
From: dkrowlan@vela.acs.oakland.edu
Message-ID: <2l8rsg$nn6@oak.oakland.edu>
Source record: 276541
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <2l41ds$ih6@crl.crl.com> dseitel@crl.com (David S Eitelbach) writes:
>
>Besides, the hobby has a stigma in the eyes of some who feel it is not a
>proper hobby for a gentleman. They see us as deviants, huddled in our
>closets, eating dogfood out of a can as we eavesdrop on our neighbors.
^^

Hey, you've been peeking in my window!!! :D

(thanks for the colorful imagery...! ;))
--
/\
< dkrowlan@vela.acs.oakland.edu >
< -lies my employer makes me tell- >
\/

1584. Re: Cellular Ripoff (Re:c

Newsgroup: rec.radio.scanner
Date: 1994-03-05 03:08:03 UTC
From: evidence@netcom.com
Message-ID: <evidenceCM68pG.B2y@netcom.com>
Source record: 276542

-=> Quoting Mahjmac

Ma> It is my understanding that when you place a call to a forwarded cell
Ma> phone, the call does goe through the cellular system, and is then
Ma> forwarded through the cell system to the ultimate destination.

Yes, but its not going out over the "air" to the persons cellular telephone.

Ma> Cellular companies don't have a physical line for every car phone that
Ma> exists. They have a bank of lines to support the estimated peak
Ma> traffic conditions. If you are tying up one of their physical links,

This is true not only with cellular telephone companies, but with most
business telephone setups as well. It is interesting to note that you are
not charged everytime you take up one of their physical lines. For example,
I am not aware of any cellular co. that charges you for a received call
that you don't answer. Nonetheless, this takes up one of their physical
lines, and could do so until the caller disconnects.

Ma> then it is quite possible that another cell user may receive a reorder
Ma> or redial message if all the outbout (make that outbound) lines are in
Ma> use. By tying up one of the outgoing lines, you are preventing other
Ma> callers from using them, ultimately reducing their revenue potential.

Again, true.

Ma> My advice would be to always MAKE SURE you know all the details about
Ma> something first. If it sounds too good to be true...

He did. He called his cellular provider and asked them how much it costs.
What more could he do?

Ma> I would have asked more specific questions about what you were trying
Ma> to find out from the cell rep.

What could me more specific than "How much does call-forwarding cost?"

Ma> Sorry to hear about you large bill. While it all may seem like
Ma> highway robbery, you have to remember that they can charge whatever
Ma> people are willing to pay for their services. As a business owner, I

Sure, so long as they tell you what it is when you ask.

Ma> pay hundreds of dollars each month in cellular service expenses. For
Ma> me it is justified as the business I accomplish with the phone is worth
Ma> more than the service.

And I am sure that you were told how much it would cost.

The point here is that the cellular company "lied" to him, by telling him Call Forwarding was "Free." Having told him that it is free, he should not have been charged "air time" for what is agreed to be a call that does no go out onto the air.

___ Blue Wave/QWK v2.12

--

Evidence, Inc. | The Internet Cops are watching,
Evidence@Nowhere.Nil | aren't they?

1585. Re: ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-03-05 03:08:15 UTC
From: evidence@netcom.com
Message-ID: <evidenceCM68pr.B5x@netcom.com>
Source record: 276543

-=> Quoting Linley

Li> scanner. The difference is signifigant. The Icom W2A ham _trans_ceiver
Li> can receive cellular right out of the box after a 'magic key
Li> sequence'. It will not be affected by the April Scanner law because it
Li> is classified as communications equipment, not as a scanner. However,

I would call Icom before you say that. Icom says that any W2A's into the
US after the "magic date" will not have the "magic key sequence" enabled.
This is also true with Yaesu FT-530 and Kenwood products (they will
not be cellular capable). At present, all three plan to ship massive
quantities into the U.S. before the cut-off date, and continue selling
the ones that will receive cellular until they run out. Apparently,
the law applies to importation and manufacture, not date of sale.

___ Blue Wave/QWK v2.12

--

Evidence, Inc. | The Internet Cops are watching,
Evidence@Nowhere.Nil | aren't they?

1586. PRO-34**FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-03-05 03:13:59 UTC
From: sie_0018@bigdog.engr.arizona.edu
Message-ID: <2l8tdn$r1p@auggie.CCIT.Arizona.EDU>
Source record: 276544

I have a Pro-34 Scanner for sale. This scanner has a 200 channel
programable storage bank. It is a hand held model. It picks up the
800Mhz range and lots of others goodies I can't really explain too well.
I would like $175.
Call or mail me
Scott (602)695-1632

1587. Dover NH Freqs!?

Newsgroup: rec.radio.scanner
Date: 1994-03-05 03:49:00 UTC
From: dave.santoro@cld9.com
Message-ID: <7.3351.2202.0N5C2016@cld9.com>
Source record: 276545

I am going on a road trip to New Hampshire next week, and am looking for
frequencies for Dover, NH.
Any help would be *Greatly* appreciated!

Thanks in advance,
Dave N2VYP

 CmpQwk #UNREG UNREGISTERED EVALUATION COPY
 [R2.00o] Usenet Nitelog BBS Monterey CA 408-655-1096

1588. Re: Further criminalization of scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-05 03:54:51 UTC
From: tcj@netcom.com
Message-ID: <tcjCM6AvG.HB8@netcom.com>
Source record: 276546
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

David S Eitelbach (dseitel@crl.com) writes:

> [scanning] has a stigma in the eyes of some who feel it is not a
> proper hobby for a gentleman. They see us as deviants, huddled in
> our closets, eating dogfood out of a can as we eavesdrop on our
> neighbors.

This used to be my preferred mode of operation, but the damn dog drove me nuts scratching at the closet door....

Todd, KB6JXT

1589. Re: Radio Shack antennas any good?

Newsgroup: rec.radio.scanner
Date: 1994-03-05 04:03:13 UTC
From: otpje01 <otpje01@nt.com>
Message-ID: <2l90a1$bvm@bmerha64.bnr.ca>
Source record: 276547

In article <19940303.090009.847@vnet.ibm.com> Phil Dennis,
pdennis@vnet.ibm.com writes:
>In article <19940303.090009.847@vnet.ibm.com> Phil Dennis,
pdennis@vnet.ibm.com writes:
>I too use the RS Magnetic mount scanner antenna and have had good results
>with it. I primarily scan rail frequencies (160-161 Mhz), but have also
>used it in the 46 Mhz (cordless phones) and the 450 Mhz range as well.
All

Phil,

I also primarily scan the rail frequencies and am considering the
purchase of the RS magnetic mount myself for my PRO-43.

I'd appreciate any comments you can make on how you like yours ? How much
did it increase your range over the basic duckie you had originally ? Is
it tuned in anyway to the 160-161 bands ?

Anyone else who has a preferred antenna choice for the 160-161 and a
PRO-43 I'd appreciate your input also !

Thanks,

Peter

Peter Ely, otpje01@nt.com

1590. Pro2023

Newsgroup: rec.radio.scanner
Date: 1994-03-05 04:16:52 UTC
From: raymondowens@delphi.com
Message-ID: <xy4Jfy0.raymondowens@delphi.com>
Source record: 276548

Does anyone out there know if the 2023 scanner from RS is modifiable for 800Mhz? Thanks.

1591. Nascar Freq for Michigan 500

Newsgroup: rec.radio.scanner
Date: 1994-03-05 05:23:12 UTC
From: stblasen@iastate.edu
Message-ID: <2l9500$h22@news.iastate.edu>
Source record: 276549

Does anyone have any information regarding NASCAR frequencies?
My brother is planning on going to the Michigan 500 (this May?)
and wants to use my scanner. Do they sell a freq. list at the
race? Price? Do the frequencies change from race to race? How
many of the frequencies are above 512 Mhz (that's the highest
my RS Pro-42 will receive)? Is it worth taking a scanner to
(I mean can you actually hear anything interesting)?

Thanks

--
Steve Blasen
stblasen@iastate.edu

1592. Re: Opinions on Icom IC-2SRA?

Newsgroup: rec.radio.scanner
Date: 1994-03-05 05:31:55 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Mar5.053155.7934@hpcvaac.cv.hp.com>
Source record: 276550
Cross-posted to: rec.radio.scanner,alt.radio.scanner

moews@math.berkeley.edu (David Moews) writes:
: Does anyone have any opinions on the wide-band receiver portion of
: the Icom IC-2SRA? How does it compare to the Icom R-1, which
: supposedly has severe problems? How does it compare to other
: receivers?

The ICOM scans extremely slowly. I don't have an R-1 to compare it
to, but would expect that the intermod would be about the same, in
both.

Bill

1593. Re: Pro-43 vs Bc200XLT vs BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-03-05 06:32:04 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar5.013204.1@uoft02.utoledo.edu>
Source record: 276551

In article <1994Mar4.151502.55714@ns1.cc.lehigh.edu>, men0@ns1.cc.lehigh.edu (MICHAEL E. NAGEL) writes:
>
>
>
> Thought I'd share a few thoughts based on recent ownership experiences. I had
> a BC200XLT for years and was thrilled with it but sold it to buy a
> BC2500XLT shortly after they came out. As I mentioned in an earlier post,
> this was a big mistake. The BC2500XLT exhibited poor sensitivity and
> selectivity. To make a long story short, I returned it for a refund. I live
> in an area of Allentown, PA that is overlooked by South Mountain, a major
> antenna site for our area. Interference from this site, mostly in the form of
> paging and the &%$#@(*& NOAA weather radio, caused the scanner to lock on a
> target frequency but receive two or more transmissions from other frequencies
> simultaneously on that channel. I think most people call this intermod. Also
> any electronic equipment, like a PC, answering machine or a TV, drove the 2500
> nuts. I now have a Pro-43, purchased from MaryMac. It is far less prone to
> interference problems from electronic devices than any scanner I've ever had
> but is subject to horrible intermode! The only was I can keep it quiet is to
> use a stubby 800 MHz antenna on it which kills lower band reception. Any
> reactions to this? Is this common for the Pro-43? I've about decided to send
> it back but am interested in knowing if I'm just expecting too much! Thanks,
> in advance, for your thoughts.
> --
> Michael E. Nagel
> Office of Development
I had a 205 until I bought my 43,and it has less intermod by far than the 205,
except in the railroad band.It's pretty bad there.Unless I go close to the
downtown Toledo area,it behaves really well.Maybe you have a bad one.From when
I played with the 2500,all I can remember is Images,intermod,rfi,etc...
Good Luck!

Barry Felstein,N8PVX,using the acct of:
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1594. Radio Shack.... All Sold Thanks!!!!

Newsgroup: rec.radio.scanner
Date: 1994-03-05 07:24:41 UTC
From: dsring@equinox.unr.edu
Message-ID: <1994Mar5.072441.9396@news.unr.edu>
Source record: 276552

To All Who Replied To The Radio Shack Equipment Posting.
Thank You Very Much!!!!!
All Equipment Has Been Sold!!!!
Thanks Again!!!

AND 73'S

Douglas S. Ring

y.....Gee now I wish somebody would buy my Icom Package :) !!!!!!.........

--

Douglas S. Ring Amateur Radio Operator
University Of Nevada, Reno KB7QMD-Advanced Class
Electrical Engineering Major HZ1AB-Operating Member
email: dsring@equinox.unr.edu V.Chair-UNR Radio Club
Telephone: (702) 626-5516
Fax: (702) 626-3840
Assalamu Aleikum
(May peace be upon you)

1595. MVT_7100

Newsgroup: rec.radio.scanner
Date: 1994-03-05 14:22:50 UTC
From: durieux@reseau.onecert.fr
Message-ID: <2la4jq$g63@reseau.cict.fr>
Source record: 276553

Hi,

What is the average price for a new MVT-7100 in the US (Ca) ?

thanks

franck

1596. Re: Further criminalization of scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-05 14:50:01 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1994Mar5.145001.15125@ke4zv.atl.ga.us>
Source record: 276554
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <CM5Mnx.3ro@ryn.mro.dec.com> randolph@est.enet.dec.com (Tom Randolph) writes:
>In article <1994Mar2.175938.12119@alw.nih.gov>, weisen@alw.nih.gov (Neil Weisenfeld) writes...
>>What I think we should do is write to our congresspeople and tell them why
>>we feel the cellular and cordless privacy laws are so misguided. Even if

>Been there, done that. My Congressman ignored my letter. The law didn't pass on
>his watch, so, in the finest tradition of politicians, I guess he feels no
>obligation to deal with it.

Write another letter to your Congressman. Mark it "personal and confidential"
on the envelope. Inside, tell him that some member of his staff is discarding
constituent letters without reply. That's the only real firing offense for a
Congressional staffer. Constituent services are the life blood of any Congress
critter with hopes of re-election. He will pay attention, and you'll at least
get a form letter thanking you for your input in the future.

Never *ever* let a politician get away with not answering his mail.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

1597. Re: MVT_7100

Newsgroup: rec.radio.scanner
Date: 1994-03-05 15:30:14 UTC
From: schuster@panix.com
Message-ID: <2la8i6$c99@panix2.panix.com>
Source record: 276555

In article <2la4jq$g63@reseau.cict.fr>,
durieux <durieux@reseau.onecert.fr> wrote:
>
>Hi,
>
>What is the average price for a new MVT-7100 in the US (Ca) ?

Thereis no such price; this radio is not officially distributed in the
United States. You can import it from UK or Canada; plan to spend about
$600.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1598. Re: 200XLT PERFORMANCE INQUIRY

Newsgroup: rec.radio.scanner
Date: 1994-03-05 15:42:30 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <9403060613.AA334@nwugate.fidonet.org>
Source record: 276556

H> I've seen the discussions before about cellular mods to the 200XLT,
H> and how the frequency spacing is not accurate. I was wondering (from
H> someone who has done this) what exactly is the result. Can you pick
H> up ANYTHING after the mod or is it just that the reception is
H> inferior? Thanks...MikeM

Mike...You can pick up some conversations. But the stepping of the 200
is 12.5 khz. The spacing for cellular is 30 khz. So you may miss some
conversations when monitoring this range.

Jerry
* Evaluation copy of Silver Xpress. Day # 0

1599. Re: Yesterday's Posts - Sorry but not my fault.

Newsgroup: rec.radio.scanner
Date: 1994-03-05 15:46:32 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <9403060613.AA336@nwugate.fidonet.org>
Source record: 276557

b> Hello All,
b> Concerning my post from yesterday...I posted two messages about
b> scanners... For some reason America Online mailed them 10 times plus,
b> each. I am writing to let you know that it was the system in fault. I
b> am also wasting your time again to see if it happens again. If the
b> problem is not fixed I will not post until AOL fixes the problem or I
b> decide to go to a service that does not have the problems. From what I
b> understand this newsgroups stuff is new to AOL so it could just be a
b> little bug. I wonder if anyone has seen this problem in other groups.
b> If so please e-mail me. Sorry for the trouble. and thanks for the
b> responses I did get... Also Sorry I am off-topic.

Brad...I haven't seen the problem today, so they may have taken care of
it. I figured it was a bug. You couldn't be that much of a nuisance. <g>

Jerry
* Evaluation copy of Silver Xpress. Day # 0

1600. Re: Just starting out

Newsgroup: rec.radio.scanner
Date: 1994-03-05 15:55:16 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <9403060613.AA335@nwugate.fidonet.org>
Source record: 276558

s> From: sdavies@vx9000.weber.edu (Sven Davies)

s> Can anyone suggest a good inexpensive (possibly moble) scanner for
s> someone who is just starting out.

s> Thanks in Advance

Hi, Sven...Depends on what you want to listen to. What is your interest.
If it is police and fire, you may want to find out if the services you want
to monitor are in the 800 Mhz range. Some scanners don't have the 800, so
the cost is lower. (Get Police Call from your Radio Shack store to see
what freqs your depts use.)
Some of Radio Shacks scanners are the best ones to purchase. They are a
bit pricey on the units with 800 Mhz. Range from 229 to 400 bucks.
Have heard some positive comments about the 200 Xlt made by Uniden
Bearcat...usually about $200.
We have been talking 'bout handhelds here...so I will discuss some of the
base units.
The 2030, made by RS is an excellent starter unit at $200. It covers the
800 Mhz band and is fun and easy to use. The 2006, which is $400, is the
utltimate receiver for the price. It is one that will last along time and
has a good following with most of the users of this net. (The 2006 can be
had at a discount from Grove or Marymac.)
Check around on here and see if you see some used products on sale. You
can usually get a good deal here.

Jerry
* Evaluation copy of Silver Xpress. Day # 0

1601. Re: Illegal to carry scanner into US?

Newsgroup: rec.radio.scanner
Date: 1994-03-05 17:17:30 UTC
From: carter@scilab.lonestar.org
Message-ID: <VV6Pic2w165w@scilab.lonestar.org>
Source record: 276559

camter28@astro.ocis.temple.edu (-=FOOBARF=-) writes:
> Doesn't the text of the law read it's illegal to import/manufacture
> scanners with cell capabilities when they're FORSALE?
> I think forsale is the key word, unless my brain is imagining words..

From Larry Miller's column "Communications" in Monitoring Times, Jan 1994:

FCC TO PROHIBIT INDIVIDUAL SCANNER IMPORTS!

With the passage of the Telephone Disclosure and Dispute Resolution Act
last year, the Federal Communications Commission banned all pending and
future certification of scanners that could receive cellular telephone
calls, either right out of the box or after modifications. An individual,
however, by filing FCC form 740, could import up to three uncertified
radios for his own use.
Now, according to an official response to a former MT advertiser,
Javiation of England, {italics begin} it will be unlawful after
April 26, 1993, for Americans to import such devices even with the
proper filing of form 740. {italics end} On that same date it will
no longer be lawful to import or manufacture for resale such scanners
in the United States.

[excerpt ends]

So, no matter how you read the legislation, it would appear that the
FCC has already interpreted for us. Load up on those cell-scanners while
you can!

Cheerio!

Carter R. Bennett, Jr. [Scientist] If I had forseen rap music on the
carter@scilab.lonestar.org horizon, I wouldn't have worked so
KI5SR hard to get rid of disco.

1602. Re: Opinions on Icom IC-2SRA?

Newsgroup: rec.radio.scanner
Date: 1994-03-05 17:49:00 UTC
From: ronald@prins.hacktic.nl
Message-ID: <gate.JgLqic1w165w@prins.hacktic.nl>
Source record: 276560
Cross-posted to: rec.radio.scanner,alt.radio.scanner

moews@math.berkeley.edu (David Moews) writes:

>Does anyone have any opinions on the wide-band receiver portion of
>the Icom IC-2SRA? How does it compare to the Icom R-1, which
>supposedly has severe problems? How does it compare to other
>receivers?

The wideband receiver is as bad as the R-1. No selectivty at all! In the
UHF range they are both very sensitive. I really hate the plug in
connector they use on the 2SRA/E. I lost 4 antennas in the two years
I own it.

Too bad there is no relaisfunction on it.

---
ronald@prins.hacktic.nl

1603. Re: Opinions on Icom IC-2SRA?

Newsgroup: rec.radio.scanner
Date: 1994-03-05 18:00:27 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Mar5.180027.13230@rsg1.er.usgs.gov>
Source record: 276561
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <2l8d47$mlh@ornews.intel.com>, bmiller@landesk.intel.com (Brett Miller - Support Engineer) writes:
|> In article <2l6h1b$on2@agate.berkeley.edu> moews@math.berkeley.edu (David Moews) writes:
|> >Does anyone have any opinions on the wide-band receiver portion of
|> >the Icom IC-2SRA? How does it compare to the Icom R-1, which
|> >supposedly has severe problems? How does it compare to other
|> >receivers?
|> >--
|> >David Moews moews@math.berkeley.edu
|>
|> Its a great HT and scanner. I have had almost no interference problems with
|> this radio. It has good sensitivity but intermod is very rare on this unit.
|> The 2SRA goes down to 25MHz while the R-1 goes down to 100KHz (?) so these
|> two radios are not really the same. If your interest is VHF and up and you
|> are a Ham (or will be) this is a great radio. Keep in mind that the wideband
|> side antenna has a 1/8 inch plug and hooking an external antenna is a bit
|> difficult.
|>

I have located a source for a 1/8" phone to BNC adapter. I am ordering as many as I can for the $4 shipping charge and will resell them for cost plus shipping (should be about $3 vs $6 if you order 1 elsewhere). I won't make any money on this, I just thought I'd get the most for the shipping cost. Please let me know if you want one...

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

1604. Just starting out

Newsgroup: rec.radio.scanner
Date: 1994-03-05 20:45:40 UTC
From: jack.d.mallay@njackn.com
Message-ID: <9403052045.A0831wk@njackn.com>
Source record: 276570

Hi, Sven.
I use the BC55 xlt. It's cheap, has no features, and doesn't receive significant portions of the spectrum. BUT: it's all that I can afford right now, and I love it. I've seen it sell for as little as $66 from Damark new, and as little as $10 used, (Mine) I make my own antennae, which is easy and fun, and, until I get some extra bucks to sling around, I am happy with it. A cheap puppy like this is a good way to see if you are interested in scanning, but If you are going to buy one new, I'd save my pennies and get one with more than tenn channel.

"Elvis: The Messiah?

1605. Icom Package For Sale

Newsgroup: rec.radio.scanner
Date: 1994-03-05 20:49:26 UTC
From: dsring@equinox.unr.edu
Message-ID: <1994Mar5.204926.19940@news.unr.edu>
Source record: 276562

I have the following Icom equipment for sale which I wish to seel
only as a package!!!! The radio has a clean bill of health from Icom
service, dated 12/28/93. The radio and all of it's accessories are in
excellent condition and have been well cared for.

IC W2A (2m/440 Handheld Transciever)
HM 65 (Speaker Mic. W/earphone jack)
BC 72 (Rapid Charger)
2-BP 84 (Battery Pack, Provides 2 watts)
2-BP 85 (Battery Pack, Provides 5 watts)
AD 20 (Charging Adapter, Used with BP 84)
LC 73 (Radio Case)
BC 77 (Standard Charger {Comes With Radio})

$$$$$$$$$$$ This would normally run around $1000.00 NEW $$$$$$$$$

I am asking $600.00 for everything or best offer.

For the avid listner this radio doubles as a scanner!!!
It will cover all the am aircraft and public service in vhf/uhf
as well as cellular...possibly on up to the 1300mhz area.

Please contact me at:

Douglas S. Ring Amateur Radio Operator
University Of Nevada, Reno KB7QMD-Advanced Class
Electrical Engineering Major HZ1AB-Operating Member
email: dsring@equinox.unr.edu V.Chair-UNR Radio Club
Telephone: (702) 626-5516
Fax: (702) 626-3840
Assalamu Aleikum
(May peace be upon you)

1606. Putting rotator on chimney (a problem)

Newsgroup: rec.radio.scanner
Date: 1994-03-05 20:51:23 UTC
From: WILSON@SLUVCA.SLU.EDU
Message-ID: <01H9M7IC5O4Y9BVV4S@SLUVCA.SLU.EDU>
Source record: 276563

I just bought a rotator and beam from Grove. Well today I
attempted putting it up. Here's my problem: the kit I bought from
RS isn't sturdy enough. I bought the chimney mount that has the two
steel straps (18ft long). However, when I strapped it on the chimney
it was nowhere near as tight as it should have been. If I would have
put the antenna (with the rotator) on the mount, it would have fell over
in a 20 knot wind!
I only other way I could do it is to drill holes in the chimney. I
DO NOT want to do this. The chimney isn't in the best shape in the first
place. But I do believe the mount would have been just fine w/ the
rotator and antenna. I just can't get it tight enough!
Can someone please tell me of another way (besides for drilling) to
strap this on tightly? Is there another kit I can buy that is better
than the one I bought at RS?
Oh....and there is NO other place to mount the antenna on my roof.
The chimney is the only place.
Any help will be greatly appeciated!
Mike

Mike Wilson COM-ASEL
Spirit of St. Louis MO.
Email: Internet--wilson@sluvca.slu.edu ----------
Compuserve--75163,45

1607. Re: Radio Shack antennas any good?

Newsgroup: rec.radio.scanner
Date: 1994-03-05 21:52:40 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar5.165240.1@uoft02.utoledo.edu>
Source record: 276564
Cross-posted to: rec.radio.scanner,alt.radio.scanner

otpje01 <otpje01@nt.com> writes:
> pdennis@vnet.ibm.com writes:
>>I too use the RS Magnetic mount scanner antenna and have had good results
>>with it. I primarily scan rail frequencies (160-161 Mhz), but have also
>>used it in the 46 Mhz (cordless phones) and the 450 Mhz range as well.
> All
>
> Phil,
>
> I also primarily scan the rail frequencies and am considering the
> purchase of the RS magnetic mount myself for my PRO-43.
>
> I'd appreciate any comments you can make on how you like yours ? How much
> did it increase your range over the basic duckie you had originally ? Is
> it tuned in anyway to the 160-161 bands ?
>
> Anyone else who has a preferred antenna choice for the 160-161 and a
> PRO-43 I'd appreciate your input also !

I had a RS mag mount at one time, (before it was literally ripped off my car!)
and it performed quite well at VHF-Hi and UHF. Any antenna that can be put
outside the car will improve performance greatly. A mag mount antenna also has
the benefits of using the car's frame as a ground plane also. One can even
make a omnidirectional mag mount antenna partially directional by placing the
antenna on different part of the car.

One other thing, I've noticed my 43 receives an inordinate amount of intermod
in the 160Mhz range when searching. Have you experienced the same?

73s

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1608. AOR3000A or ICOM R7100

Newsgroup: rec.radio.scanner
Date: 1994-03-05 22:11:58 UTC
From: jdonald@nunic.nu.edu
Message-ID: <2lb03e$sjo@nunic.nu.edu>
Source record: 276565

Cc:
I am planning to purchase either an AOR 3000A or an ICOM R7100
in the near future. I would appreciate any information on either
of these radios. The ICOM is about $350 more than the AOR, is it
worth the difference??
jdonald@nunic.nu.edu

1609. Re: What to buy before April?

Newsgroup: rec.radio.scanner
Date: 1994-03-05 22:53:25 UTC
From: ai456@yfn.ysu.edu
Message-ID: <2lb2h5$n8t@news.ysu.edu>
Source record: 276566

In a previous article, bmiller@landesk.intel.com (Brett Miller - Support Engineer) says:

> I am normally very decisive on what I want, but this is a little different.
>I would like to buy one more scanner before the April cutoff. I don't really
>need another scanner, but for possible future investment, I'd like an extra.
>
>I want one with 30Khz steps at 800MHz. I have considered the MVT-7100, but
>I can't justify the cost. I am leaning toward the pro-43 since I already
>have the BC2500. Does Marymac still sell modifiable pro-43's? or does anyone?
>
>Any other suggestions on what would be a good investment under $500 It could
>be base, mobile, or HH.

I don't have any experiance with AOR scanners, but how about the handheld
AOR model 1000XLT "commincations receiver"?? Coverage of .5-1300Mhz (no gaps,
continous coverage) 1000 channels, AM/FM/W/N, VFO knob, lockout, search, scan,
earplug, caradapter, belt clip, case, AC adapter included, operates from 12VDC.
$419, from Tucker electronics you can probably find it slightly cheaper
elsewhere.

--
Paul S. Troutman "Ladies and gentlemen, if I can pass along
ai456@yfn.ysu.edu one word of advice to you, as you pursue
your weekend leisure activities:
STOP BENDIN' THE SHAFT!" - L.N.W.D.L.

1610. Metro West Address, etc.

Newsgroup: rec.radio.scanner
Date: 1994-03-05 22:53:49 UTC
From: men0@ns1.cc.lehigh.edu
Message-ID: <1994Mar5.225349.59478@ns1.cc.lehigh.edu>
Source record: 276567

The address for Metro West, Inc. is: 822 N. Spring, LaGrange Park, IL 60525. Orders only (800) 657-1475 - Information (708) 354-2125. As mentioned in a previous post, they sell products for hand held scanner enthusiasts. I have no connection with this company, except as a satisfied customer.

Michael
--
Michael E. Nagel
Office of Development

1611. Wanted: ICOM-R100

Newsgroup: rec.radio.scanner
Date: 1994-03-06 02:29:43 UTC
From: ofarrell@imagen.com
Message-ID: <1994Mar6.022943.7452@aqm.com>
Source record: 276568

I'm interested in buying a reasonably-priced, used ICOM-R100.
If you have one you would like to get rid of, e-mail me at
ofarrell@qms.com.

John O'Farrell
QMS, Inc.
Mobile, AL
ofarrell@qms.com

1612. RE: Pro-43 vs Bc200XLT vs BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-03-06 02:57:16 UTC
From: randyrho@drycas.club.cc.cmu.edu
Message-ID: <2lbgo4$gtp@nntp.club.cc.cmu.edu>
Source record: 276569

In Article <1994Mar4.151502.55714@ns1.cc.lehigh.edu>
men0@ns1.cc.lehigh.edu (MICHAEL E. NAGEL) writes:
>
>
[text deleted]

>Allentown, PA that is overlooked by South Mountain, a major
>antenna site for our area. Interference from this site, mostly in the form of
>paging and the &%$#@(*& NOAA weather radio, caused the scanner to lock on a
>target frequency but receive two or more transmissions from other frequencies
>simultaneously on that channel. I think most people call this intermod.
[more deleted]
> I now have a Pro-43, purchased from MaryMac. It is far less prone to
>interference problems from electronic devices than any scanner I've ever had
>but is subject to horrible intermod! The only was I can keep it quiet is to
>use a stubby 800 MHz antenna on it which kills lower band reception. Any
>reactions to this? Is this common for the Pro-43? I've about decided to send
>it back but am interested in knowing if I'm just expecting too much! Thanks,
>in advance, for your thoughts.
>--
>Michael E. Nagel
>Office of Development

Intermod type interference is a serious problem with any wide-band receiver.
Ask any ham operater with a dual band rig, wide front-end radios grab
everything that's out there, amplifies it, then dumps it into the
tuner to be sorted out. I have awful problems here in Pittsburgh Pa.
with local pagers. These things get into my pro-43, my Icom24-at, my
old bearcat 250, hell, a 1320 am station can be found on my telephone
and computer speakers ! It seems that when the pagers are squawking
all sorts of things get into my radios. Are these things extra dirty
or what ?
In any case, I don't think the problem is unique to the pro-43, just
too much RF out there.

--Randy

1613. BC55XLT

Newsgroup: rec.radio.scanner
Date: 1994-03-06 03:23:53 UTC
From: PhillipsJ@redstone-emh2.army.mil
Message-ID: <PhillipsJ-050305212112@136.205.11.4>
Source record: 276432

I was wondering if anyone knew of any modifcations that could be made to a Bearcat 55XLT. I have already looked at the MODS file at Buffalo Archive and couldn't find any. Any help would be greatly appreciated. Thanks.

Jimmy Phillips
Phillipsj-CIC-IS@redstone-emh2-army.mil

1614. Re: Opinions on Icom IC-2SRA?

Newsgroup: rec.radio.scanner
Date: 1994-03-06 05:16:19 UTC
From: pastark@news.delphi.com
Message-ID: <2lbov3$ae5@news.delphi.com>
Source record: 276571
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I don't know about the R-1, but the IC-2SRA is a disappointemnt as far as sensitivity. My Radio Shack weatheradio receives a full quieting signal, while the Icom is very noisy. I tried connecting it to my Cable TV cable, and got nothing on the FM band (probably intermod or overload?) I KNOW there's activity on the CB band around here, but the 2SRA receives nothing. OTOH -- for what it receives, it's neat.

1615. Re: Nascar Freq for Michigan 500

Newsgroup: rec.radio.scanner
Date: 1994-03-06 06:23:18 UTC
From: jmccolm@cabell.vcu.edu
Message-ID: <1994Mar6.062318.11755@cabell.vcu.edu>
Source record: 276572

stblasen@iastate.edu (Steven T Blasen) writes:

>Does anyone have any information regarding NASCAR frequencies?
>My brother is planning on going to the Michigan 500 (this May?)
>and wants to use my scanner. Do they sell a freq. list at the
>race? Price? Do the frequencies change from race to race? How
>many of the frequencies are above 512 Mhz (that's the highest
>my RS Pro-42 will receive)? Is it worth taking a scanner to
>(I mean can you actually hear anything interesting)?

Yes, by all means, take a scanner to the race. There is plenty to
listen to! Most drivers use UHF (460-470) but there are a few
drivers using 800 MHz. Lists are available at the track for 5.00 or
so. These are usually up-to-date. Frequencies change from race to
race, so be sure to have the latest info. There are some dealers
who advertise in various racing publications who will most likely be
at the races.

John McColman
jmccolm@cabell.vcu.edu

1616. This Week on Spectrum 03/12/94

Newsgroup: rec.radio.scanner
Date: 1994-03-06 07:18:47 UTC
From: spectrum@starcomm.overleaf.com
Message-ID: <2lc04n$sid@starcomm.overleaf.com>
Source record: 276573
Cross-posted to:
rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.scanner,rec.video.satellite,rec.radio.cb,alt.radio.scanner,alt.radio.pirate

This week Spectrum takes to the road. We will be broadcasting live from
the Winter Swl Fest in Kulpsville Pennsylvania. Everyone who is anyone
in the communications hobbyist community will be on hand. If you can
make it we would love to shake your hand. If you can't join in on the
fun in person, you can listen to our live broadcast at the usual times
and frequencies. See you at the Winter Swl Fest '94.
--
Spectrum airs live Sunday at 0300 UTC (2200 EST Saturday) on:

WWCR, 5810 KHz, Nashville, TN (World Wide)
WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
KHNC, 1360 AM, Denver, CO (Denver Area)
Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)

Spectrum is rebroadcast:

Sunday at 1500 EST, on WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
Monday at 0400 UTC (2300 EST Sunday),
on WWCR, 7435 KHz, Nashville, TN (World Wide)

--
Spectrum, "The Communications Magazine You Read With Your Ears."
Box 722, Holmdel, NJ, 07733-0722, USA
spectrum@overleaf.com, askspectrum@attmail.com, spectrumshow@genie.geis.com
+1 800-787-SPECTRUM, +1 908-671-4209

1617. Re: Putting rotator on chimney (a problem)

Newsgroup: rec.radio.scanner
Date: 1994-03-06 07:32:51 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Mar6.073251.976@hpcvaac.cv.hp.com>
Source record: 276574

WILSON@SLUVCA.SLU.EDU writes:
: I only other way I could do it is to drill holes in the chimney. I
: DO NOT want to do this. The chimney isn't in the best shape in the first
: place. But I do believe the mount would have been just fine w/ the
: rotator and antenna. I just can't get it tight enough!
: Can someone please tell me of another way (besides for drilling) to
: strap this on tightly? Is there another kit I can buy that is better
: than the one I bought at RS?
: Oh....and there is NO other place to mount the antenna on my roof.
: The chimney is the only place.

I have never had any problem with the chimney mount. I once used it to
mount a 3 element CB beam.

Your straps need to be about 3 feet apart, and you do not want the mast
to be very long, unless you use guy wires. For a fairly large antenna,
10 or 15 feet would probably be ok. Personally, I would add guy wires.

Bill

1618. Radio Shack pro2006 or Icom-R7000 ?

Newsgroup: rec.radio.scanner
Date: 1994-03-06 07:48:57 UTC
From: duli@prony.colorado.edu
Message-ID: <2lc1t9$mks@lace.Colorado.EDU>
Source record: 276425

I am thinking of buying a good quality wideband receiver or scanner before
the April magic date. I have narrowed my choices down to RS pro2006 and
Icom-R7000. I would like to hear comments about these two reveicers. I am
fairly new in listening anything above 30Mhz, so please pardon me if my
questions are too simple. I have read specifications of RS pro2006 and
Icom-R7000. I am leaning towards the 2006 because I am a little tight on
budget. I would like to know what I will miss if I don't buy Icom-R7000?
I know that the R7000 has wider receiving range and finer tuning steps, and
SSB capability. My questions are:
1. Is there interesting things to listen above 1.3Ghz?
2. What I will miss if I can't receive SSB?
3. How important, practically speaking, is the finer tuning steps
of 0.1Khz and 1Khz in AM/FM/FMn listening?
4. In terms of performance(sensitivity, selectivity), can the 2006
be put into roughly the same class as the R7000 in comparable
receiving range?
5. The R7000 seems to have a lower scanning speed than the 2006(which
is not very fast either). Is the R7000 a little pain to use when
one wants to scan certain frequency ranges?
I would appreciate any advice I can get. Thanks.

Li Du | duli@prony.colorado.edu

1619. Source for BC200XLT Battery

Newsgroup: rec.radio.scanner
Date: 1994-03-06 14:52:38 UTC
From: bobbyr@netcom.com
Message-ID: <bobbyrCM8zzq.6up@netcom.com>
Source record: 276426

Will someone give me a number for a good mail order source for a
replacement battery???

Thanks!
--
Bobby Richardson
Atlanta, GA.

1620. Nashville, TN freqs requested

Newsgroup: rec.radio.scanner
Date: 1994-03-06 15:09:38 UTC
From: af308@yfn.ysu.edu
Message-ID: <2lcrni$3q5@news.ysu.edu>
Source record: 276427

Hello....

Can anyone out there help me?

I am looking for fire, police, and ambulance service freqs
for the Nashville, TN area.

Thanks a bunch in advance..

--
_____ __ _____ ****** Tom Russo ** af308@yfn.ysu.edu ******
___ __\ \ \ \ \ ** "Your mind is like a parachute... **
\ \ __\ \ \ _ / ** it will only work when you open it" **
_\ ___/ __\ **********

1621. Re: AOR3000A or ICOM R7100

Newsgroup: rec.radio.scanner
Date: 1994-03-06 16:51:29 UTC
From: mjr@crl.com
Message-ID: <2ld1mh$mgo@crl.crl.com>
Source record: 276428

In article <2lb03e$sjo@nunic.nu.edu> jdonald@nunic.nu.edu (Jim Donaldson) writes:
>Cc:
>I am planning to purchase either an AOR 3000A or an ICOM R7100
>in the near future. I would appreciate any information on either
>of these radios. The ICOM is about $350 more than the AOR, is it
>worth the difference??
>jdonald@nunic.nu.edu
>
Most people seem to think so. The best short answer I have heard is that the R7100 is a real communications receiver with many scanner features, while the AR3000A is a real scanner with some of the features of a communications receiver.

I have an AR3000A and am quite happy with it, though I here that the ScanStar control program (a good but inexpensive piece of software) while it works well on the older 3000 model does not work quite right on the A model!

If you want convenient MOBILE operation as well as base, the AR3000A is the way to go.

A fellow named Carter Bennett <carter@cmptrc.lonestar.org> may still be maintaining a file on net discussion of the AR3000 (all models). Email him and ask him about it.

--
matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70271,255 Internet: mjr@crl.com

1622. Re: Antennas for Portable Scanners

Newsgroup: rec.radio.scanner
Date: 1994-03-06 16:57:01 UTC
From: mjr@crl.com
Message-ID: <2ld20t$msr@crl.crl.com>
Source record: 276429

In article <1994Feb25.171355.20584@alw.nih.gov> weisen@alw.nih.gov (Neil Weisenfeld) writes:
>Interesting... I've been really disappointed with the Condor when used with
>my Pro-43. I find that the '43s regular duckie works better on 400 and
>800 MHz. Can anyone else comment?
>

Interesting. I just posted an opinion of the Condor into a topic with that word in this newsgroup a few days ago... I was quite happy with the Condor antenna in my rural setting on my AR1000XLT compared to a few other antennas I tried (the AR1000XLT stock antenna is *really* bad). OTOH, it didn't make a whole lot of difference that I could tell compared to the stock whip that comes with the MVT-7100. The stock whip is definately better below 50Mhz, and the two seemed about equal even in the bands to which the Condor is tuned...

My impression is that the Condor is a very "narrow mission" device. In certain situations, and with certain equipment, it does make a difference, but not every where, or for every one...

--
matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70271,255 Internet: mjr@crl.com

1623. WANTED: AR3000A

Newsgroup: rec.radio.scanner
Date: 1994-03-06 21:22:00 UTC
From: Paul.Brzonkala@f239.n109.z1.fidonet.org
Message-ID: <a2b_9403061859@blkcat.fidonet.org>
Source record: 276454

WANTED WANTED

I'm looking for a used AR 3000A... If you've got one..I've got CASH!

call me and leave a message at (703) 816-7823...I'll call back!

1624. Re: fastfood freq

Newsgroup: rec.radio.scanner
Date: 1994-03-06 21:41:00 UTC
From: schuster@panix.com
Message-ID: <2ldilc$mg9@panix2.panix.com>
Source record: 276430

In reference to the above topic, I found this nice collection on Fidonet today:

ARBY'S
30.840
31.000
154.570
457.550
460 / 465.8875
461 / 466.0375
479.250

BESS EATON DONUTS
467.7625 (Clerk)
457.5375 (Customer)

BIG BOY
30.84 (Customer)
154.5700 (Clerk)
457.600 (Customer)
467.8250 (Clerk)

BURGER KING

Sub-Audible Tones
100.0 (1Z)
103.5 (1A)
110.9 (2Z)
114.8 (2A)
127.3 (3A)

30.8400 (Customer)
31.0000
154.5700
170.3050
457.5500 (Customer)
457.5625
457.5750
457.6000
457.8250
460.8875
461.5375
463.2875
465.8875 (Clerk)
467.7750 (Clerk)
467.7875 (Clerk)

467.8000 (Clerk)
467.8250 (Clerk)

CHICK FIL A
31.000
170.305

DAIRY QUEEN
30.840
154.570

DUNKIN DONUTS

Sub-Audible Tones
82.5 (YZ)
100.0 (1Z)
114.8 (2A)
127.3 (3A)

33.4000
457.5500
467.7750

FOSTER FREEZE
31.0000
170.3050

HARDEE'S
30.840
31.000
35.020
151.685
151.805
154.570
154.600
170.305
457.550
457.575
460.8875
461.1125
461.7125
464 / 469.0125
464 / 469.0375
464 / 469.0625
464 / 469.0875
464 / 469.1125
464 / 469.1375
464 / 469.1625
464 / 469.1875
464 / 469.2125
464 / 469.2375
464 / 469.2625

464 / 469.2875
464 / 469.3125
464 / 469.3375
464 / 469.3625
464 / 469.3875
466.1125

JACK IN THE BOX
33.400
154.540
469.025

KENTUCKY FRIED CHICKEN (KFC)

Sub-Audible Tones
82.5 (YZ)
88.5 (YB)
123.0 (3Z)
162.2 (5B)

30.820
30.840
31.000 (Customer)
33.400
154.540
154.570
170.305 (Clerk)
457.5375
457.5875 (Customer)
457.600
460.8875
461.0875
462.1625
462.7500
462.7625
464.0875
465.8875
467.8125 (Clerk)
467.8875
468.3875
469.0875

MC'DONALDS

Sub-Audible Tones
88.5 (YB)
100.0 (1Z)
107.2 (1B)
141.3 (4A)
192.8 (7A)

30.840
31.000
33.140
33.400
33.715
35.020
35.120 (Business)
67.775 (Customer)
70.245 (Customer)
71.105 (Customer)
151.7150
151.7750
151.8950
154.4900 (Clerk)
154.5400
154.5700
154.5800 (Clerk)
154.6000
154.7000
169.4450
170.2450
170.2500
170.3050
171.1050
171.9050
457.5500
461.0375 (Customer)
463.2875 (Customer)
464.0125
464 / 469.1125
464 / 469.1375
464 / 469.1625
464 / 469.1875
464 / 469.3125
464 / 469.3375
464 / 469.3875
464.5125
466.0375 (Clerk)
467.7750
468.2875 (Clerk)
469.0125
469.5125 (Clerk)

TACO BELL

Sub-Audible Tones
151.4 (5Z)
162.2 (5B)
173.8 (6A)

30.840 (Customer)
154.570 (Clerk)

457.5375
457.550
460.8875
461.0375
461.0875
461.5375
464.9625
465.8875 (Clerk)
466.0375
466.0875
466.5375
468.3875
469.9625

WENDY'S

Sub-Audible Tones
100.0 (1Z)
110.9 (2Z)

30.840
33.160
33.400
31.000
49.830 (Customer)
49.890 (Clerk)
154.515
154.540
154.570
170.305
457.5350
457.5375
460.8875
461.0875
461.8125
464.9875
465.8875
466.0875
468.3875

WHITE CASTLE
33.400
154.540
461.8125 (Customer)
466.8125 (Clerk)
464 / 469.0125
464 / 469.0375
464 / 469.0625
464 / 469.0875
464 / 469.1125
464 / 469.1375

464 / 469.1625
464 / 469.1875
464 / 469.2125
464 / 469.2375
464 / 469.2625
464 / 469.2875
464 / 469.3125
464 / 469.3375
464 / 469.3625
464 / 469.3875

Comments: Those frequency's listed in pairs may or may
not be used as pairs. Sub-audible tones have been
provided where available - these are especially useful to
minimize interference if your receiver offers CTCSS receive
capability. Most fast food establishments use three (3)
frequencies: one for the customer, one for the clerk, and
a third which is used as an internal "intercom". I've found
the best listening to occur on this "intercom" channel.
This is where fast food employees make most of the
"uncalled for" and off color comments about we the
customers! Good Listening!

Updated / Edited 2/26/94 - WA2SQQ

BOB KOZLAREK
--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1625. Re: Further criminalization of scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-06 22:19:23 UTC
From: gilbaronw0mn@delphi.com
Message-ID: <9403061710593.gilbaronw0mn.DLITE@delphi.com>
Source record: 276431
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

>
>In article <1994Mar2.175938.12119@alw.nih.gov>, weisen@alw.nih.gov (Neil
Weisenfeld) writes...
>>What I think we should do is write to our congresspeople and tell them why
>>we feel the cellular and cordless privacy laws are so misguided. Even if
>>they outlaw the manufacture of scanners that can receive cordless
>>(and I haven't heard anyone say that that is what is up for debate --
>>only outlawing *listening*, not manufacture), those radios are going to be

>>around for a long, long time as used equipment.
>
>Been there, done that. My Congressman ignored my letter. The law didn't
pass on
>his watch, so, in the finest tradition of politicians, I guess he feels no
>obligation to deal with it.
>
>Amen to the long, long time. I just tuned up my old BC220 table-top
scanner.
>15 years old, 20 channels, and no 800MHz, but still not a bad radio if your
>city hasn't gone to trunked public service.
>
>>I'd be interested if other people agree.
>
>Yup. These laws, if I'm not misinformed, are unique in recent history in
that
>up until their enactment, it was legal to listen to any waves passing
through
>your home, as long as you didn't act on or disclose what you heard. You are
>now a criminal if you choose to *tune in* to these particular band
segments,
>regardless of what you do with what you hear. More such laws will follow,
>since government and regulations never shrink in size.
>-Tom R. N1OOQ randolph@est.enet.dec.com
>
Sad, very sad. And it does not really protect anyone. In fact it gives too
many people a false sense of security. Digital technology with encryption
will protect people and that is what we should have. Of course the
government is trying to get its dirty summy rotten hands intot hat too. Can
you say Clipper. They will pry my key out of my cokld dead hands and no
other way.
Get PGP and be safe.

Gil Baron, El Baron Rojo, W0MN Rochester,MN
"Bailar es Vivir"

PGP2.3 key at key servers or upon request

1626. Re: Further criminalization of scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-07 00:32:07 UTC
From: tcj@netcom.com
Message-ID: <tcjCM9qtJ.6Bq@netcom.com>
Source record: 276433
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

Neil Weisenfeld (weisen@alw.nih.gov) writes:

> What I think we should do is write to our congresspeople and tell
> them why we feel the cellular and cordless privacy laws are so
> misguided.

Gilbert Baron (gilbaronw0mn@delphi.com) replies:

> And it does not really protect anyone. In fact it gives too many
> people a false sense of security.

In light of the current Clipper initiative, it occurs to me that this may, in fact, be their very intention....

Todd, KB6JXT

1627. Re: Further criminalization of scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-07 04:24:37 UTC
From: henniger@crl.com
Message-ID: <2leaa5$o87@crl.crl.com>
Source record: 276434
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

gilbaronw0mn@delphi.com (Gilbert Baron) writes:

>>
>>In article <1994Mar2.175938.12119@alw.nih.gov>, weisen@alw.nih.gov (Neil
>Weisenfeld) writes...
>>>What I think we should do is write to our congresspeople and tell them why
>>>we feel the cellular and cordless privacy laws are so misguided. Even if
[...stuff deleted...]
>>your home, as long as you didn't act on or disclose what you heard. You are
>>now a criminal if you choose to *tune in* to these particular band
>segments,
[...stuff deleted...]
>>regardless of what you do with what you hear. More such laws will follow,
>>since government and regulations never shrink in size.
>>-Tom R. N1OOQ randolph@est.enet.dec.com
>>
>Sad, very sad. And it does not really protect anyone. In fact it gives too
>many people a false sense of security. Digital technology with encryption
>will protect people and that is what we should have. Of course the
>government is trying to get its dirty summy rotten hands intot hat too. Can
>you say Clipper. They will pry my key out of my cokld dead hands and no
>other way.
>Get PGP and be safe.
^^^^^^^^^^^^^^^^^^^^
> Gil Baron, El Baron Rojo, W0MN Rochester,MN
> "Bailar es Vivir"
> PGP2.3 key at key servers or upon request

Getting PGP will not solve the problem. I feel our government intends to:

1. provide a somewhat viable encryption standard with a govt backdoor.

2. pass laws which make it illegal to use non-govt sanctioned encryption.
(after all, if you are innocent, what do you have to hide?)

The problem cannot be resolved by getting a backing for PGP (or your favorite
encryption algorithm), but by supporting the idea that (real) encryption
should not be an illegal activity.
The government has the ability to get virtually every piece of private info
you have (via wiretap, access to financial data, warrants, lock picking
abilities, etc.) but with the advent of cheap processing, anyone can now
lock information and the Government can't pick the lock.

The standard argument has always been '...in the national interest...'
The question becomes:

"Do we really want to give up the last sanction of privacy left to us?"

This is where I believe the real issue lies.

Mick

1628. Re: tones heard on police radio -- what are

Newsgroup: rec.radio.scanner
Date: 1994-03-07 06:15:48 UTC
From: vector@hotcity.COM
Message-ID: <vector.0s16@hotcity.COM>
Source record: 276458

On Wed 2-Mar-1994 17:43 , Carter Bennett wrote:
CB> Ahoy!

CB> camter28@astro.ocis.temple.edu (-=FOOBARF=-) writes:
CB> > Geoffrey Silverton (geoffs@u.washington.edu) wrote:
CB> > : I was listening to (north) Seattle police ("F4" 460.075) at 3am when
CB> > : they started playing tones, about 1/2 sec long, repeating about every
CB> > : 5 sec.
CB> > Yesterday when there was a bank robbery in my area they did the
CB> > same thing. The tones were just far enough apart for my scanner to no
CB> > not be able to scan. It held it on the channel for me. Glad they are
CB> > thinking about us scanner enthousiasts..
CB> > Maybye it holds the repeater or something,

CB> Since we're throwing in speculation, I'll add my two best guesses.

CB> 1. The tones are an administrative tool which continuously alert officers
CB> that high-priority traffic is on the radio frequency and certain types of
CB> communications are prohibited (sort of like going to DefCon 2 :-)).

CB> 2. The tones do for the officers exactly what they do for camter28. If
CB> the police radios are equipped with a scanning mechanism, this may lock
CB> radios scanning that frequency onto that frequency. Sounds like an
CB> annoying
CB> way to do that, though, since actual audio isn't needed to hold the
CB> radios.

CB> Just guesses.

CB> Cheerio!

CB> ---
CB> ---
CB> Carter R. Bennett, Jr. [Scientist] If I had forseen rap music on the
CB> carter@scilab.lonestar.org horizon, I wouldn't had worked so
CB> KI5SR hard to get rid of disco.

out here in san jose california, we have what are called "code 33" tones.
whenever an officer is in a sensitive situation or there is an emergency, a
1/2 second tone is transmitted every 8-10 seconds over the air to alert the
other officers of the channel status. it keeps the other units not involved
in the incident from keying up and possibly covering the transmission of an
officer who desperately needs help. they're used for all sorts of situations,
from gang fights, car wrecks, and code-3 fill requests and officer down calls.
i'll usually just have the scanner on quietly some nights and wait to hear the
tones. i know it's gonna be good listening when the tone kicks in.

greg

vector@hotcity.com

1629. AOR1000 vs. BC2500

Newsgroup: rec.radio.scanner
Date: 1994-03-07 06:18:42 UTC
From: rth@netcom.com
Message-ID: <rthCMA6v8.419@netcom.com>
Source record: 276435
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I'm about to get either the AOR AR1000XLT or the Bearcat BC2500XLT.
I like to know more about the BC2500, as I've read quite a bit about
the AR1000. Anyone know the dimensions of the BC25000? Step size?
AM W/N FM? Overall quality etc.
I've read some posts re: intermod dist. with the BC2500. How does it
compare with the AOR1000 in this area? Thanks

rth@netcom.com

1630. Re: What to buy before April?

Newsgroup: rec.radio.scanner
Date: 1994-03-07 07:48:20 UTC
From: karlm@rci.ripco.com
Message-ID: <CMAB0K.EEG@rci.ripco.com>
Source record: 276436

```
: I don't have any experiance with AOR scanners, but how about the handheld
: AOR model 1000XLT "commincations receiver"?? Coverage of .5-1300Mhz (no gaps,
: continous coverage) 1000 channels, AM/FM/W/N, VFO knob, lockout, search, scan,
: earplug, caradapter, belt clip, case, AC adapter included, operates from 12VDC.
: $419, from Tucker electronics you can probably find it slightly cheaper
: elsewhere.

From everything I've ever heard, the AOR 1000XLT is ok if you live out in the
country but is next to useless in a heavy radio environment due to intermod
and apparently poor signal discrimination.
```

1631. Re: What to buy before April?

Newsgroup: rec.radio.scanner
Date: 1994-03-07 11:32:38 UTC
From: vhealey@crl.com
Message-ID: <2lf3cm$g5l@crl2.crl.com>
Source record: 276437

In article <CMAB0K.EEG@rci.ripco.com>, Karl Meyer <karlm@rci.ripco.com> wrote:
>
>: I don't have any experiance with AOR scanners, but how about the handheld
>: AOR model 1000XLT "commincations receiver"?? Coverage of .5-1300Mhz (no gaps,
>: continous coverage) 1000 channels, AM/FM/W/N, VFO knob, lockout, search, scan,
>: earplug, caradapter, belt clip, case, AC adapter included, operates from 12VDC.
>: $419, from Tucker electronics you can probably find it slightly cheaper
>: elsewhere.
>
>From everything I've ever heard, the AOR 1000XLT is ok if you live out in the
>country but is next to useless in a heavy radio environment due to intermod
>and apparently poor signal discrimination.

I had and loved a aor1000xlt. (I understood how and why it was
designed the way it is. I suspect that lack of understanding is what leads
to some being frustrated with this radio.) I live in a high rf enviroemnt
near the metro Atlanta area. No problems with the Aor1000. It had an
attunater switch that allowed me to cut the sensitivity if intermod became
a problem. I wish this darn Pro 43 had such a switch as the 43 has far
more grief then the aor1000 ever had! On occasion in traveling in the
metro area I came near a FM broadcast tower that would get into the
scanner in the wrong areas making scanning impossible for s couple of
miles. I believe the near field was so strong that any broadbanded radio
would have problems in these locations.
The biggest problem with the aor and Yupiteru and similar radios
from Japan that have a built in delay that is impossible to defeat is
that they are next to useless for monitoring trunking. Like it or not
trunking of many frequencies is on the rise and may show up in the 70cm
band as well soon. IMHO the best product to monitor this currently
available is a fast scanner with small switchable banks. That leaves only
the Pro 43 and the Pro 2006. I could hear the 800 MHZ ps saftey frequencies
with the aor1000 but I can follow them fairly well with the pro43. To
much was missed with a scanner with the delay to make it enjoyable and
pleasant to use in this area.
The Aor1000 xlt is an interesting radio. If it fits what you want
to monitor buy one ($400 or less). Be aware that banks of channels in
groupings of 100 are extremely cumbersome to use in normal scanning
situations and can be frustrating when breaking events involve only a few
channels that you want to concentrate on (it takes a long time to lock
out the other channels).

Vic healey Ki4je

vhealey@crl.com

1632. Re: Kansas City (MO) Freq. needed

Newsgroup: rec.radio.scanner
Date: 1994-03-07 13:24:38 UTC
From: wbloss@delphi.com
Message-ID: <Z6yo-he.wbloss@delphi.com>
Source record: 276438

George Thurman <gst@gagme.wwa.com> writes:

>I am trying to help someone find the output frequencies of the Kansas City
>(MO) police department.

Hello George,

Here are the very basics, I have posted a 900 line list to CompuServe's Hamnet called KCFREQ if you want the big picture.

KC {D:

154.71 North
154.74 South
154.86 Center
154.89 SE
155.85 Tac 1
156.09 East

They have also been working on an 800 MHz system for over a year. To the best of my knowledge, all that has migrated to it so far are the dog catchers and garbage trucks. However, PD and FD are going there according to sources. I live 50 Mi N of the airport so do not usually hear the 800 MHz system. It is on: 856-860.2125
.2375
.2625
.4375

There are also some 460 freqs used for covert ops. This is only KC MO freqa, the suburba, and Kansas City Ks are another posting. Look up the 900 line list on CI$ if you can.

Enjoy!

Wally Bloss
WB0BAV
A Human

1633. Re: equiv to MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-03-07 13:59:22 UTC
From: Henry@g0gku.demon.co.uk
Message-ID: <763048762snz@g0gku.demon.co.uk>
Source record: 276439

In article <16F6AE52AS85.UPP200@ibm.rhrz.uni-bonn.de>
Kueppers@uni-bonn.de "Guido Kueppers, M.A." writes:
> Well, there's a German company STABO and I bought one of their scanners
> XR100 they call it, for DM 950,- at a local electronics store. From what I
> have seen of the MVT7100 on a leaflet, mine looks exactly the same. The specs
Question, do you have the narrow sw filter engaged by pressing the top
button on the left-hand side of the unit?
There's a company in Germany modifying their Yupiterus by adding this
filter. Comes stock, and can't be added to a unit made by this
particular company.
I can't remember the name, but they are located in Schwaben, I think.
That sure would be a nice adjunct to the thing.
--
Henry Brugsch
aka hbj elsewher, CIS: 75366.317.com
hbj@bix.com, Moderator of adaptive.tech conference, bix
telnet and internet connectivity $13 per month
(Join adaptive.tech) for info on adaptive tech for disabilities
telnet x25.bix.com
The freedom of information is a right not a privilege.

1634. Re: dREGISTER YOU listen to cordless calls?

Newsgroup: rec.radio.scanner
Date: 1994-03-07 14:22:17 UTC
From: Henry@g0gku.demon.co.uk
Message-ID: <763050137snz@g0gku.demon.co.uk>
Source record: 276440

In article <1994Mar1.001557.151@isle.waterloo-rdp.on.ca>
djnorman@isle.waterloo-rdp.on.ca "Darrin Norman" writes:
> : In southern Ontario.. most of them are at 30.8500 mkz (and some Burger Kings
> : are at 30.4500)
>
> Sorry.. I must correct my self... that's 30.5800...
> I've also noticed that a few are at 30.5750 just enough of to have to
> retune you receiver..
>
Going to be interesting when the sun spot sycle hits its high point,
won't be long, methinks, the last peek was about '82.
Big Mac chompers are going to be disappointed when they get chicken
macnugets (tm) having received the request from 900 miles away.
Or, the unsuspecting person gets an order when there's no car present.
Or, even when the 7-year-old talking into the microphone is replaced by
a bass requesting black coffee.
Doesn't bear thinking about. (grin)
--
Henry Brugsch
aka hbj elsewher, CIS: 75366.317.com
hbj@bix.com, Moderator of adaptive.tech conference, bix
telnet and internet connectivity $13 per month
(Join adaptive.tech) for info on adaptive tech for disabilities
telnet x25.bix.com
The freedom of information is a right not a privilege.

1635. Re: MVT-7100 and shortwave

Newsgroup: rec.radio.scanner
Date: 1994-03-07 14:32:18 UTC
From: Henry@g0gku.demon.co.uk
Message-ID: <763050738snz@g0gku.demon.co.uk>
Source record: 276441

In article <2ktmip$amm@src-news.pa.dec.com>
ira@src.dec.com "Ira Machefsky" writes:

> Does anyone have any experience using the Yupiteru MVT-7100 on
> shortwave broadcasts? Does it perform credibly in that range?
>
In a word, yes, it performs quite well, given its advantages, and
disadvantages.
These are empirical observations, not backed up by data. But, I have had
a good deal of experience with a number of portable unites, and have
come to the conclusion that this is one of the best.
It will hear as good as any portable unit I have used, this is including
the small 9-band Sony with analog tuning. I have regarded this as one of
the best little units for tracking foreign broadcast.
But, the sony has some what better selectivity, than the 7100.
But I have not found this to be a serious problem.
However, I understand, now that the unit as supplied by a company in
Germany is supplied with a 2.5khz filter for shortwave which is
switchable.
The normal mode is very wide, perhaps about 12khz. Also of help is using
a pre-selector ahead of the Yup. This will cut down on the intermod that
results from the front end getting swamped with signal over load.
I have had this unit for a year, now, and have no desire to sell it,
unless Yupiteru come out with something even more spectacular.
>

--
Henry Brugsch
aka hbj elsewher, CIS: 75366.317.com
hbj@bix.com, Moderator of adaptive.tech conference, bix
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(Join adaptive.tech) for info on adaptive tech for disabilities
telnet x25.bix.com
The freedom of information is a right not a privilege.

1636. Uniden/Bearcat 760XLT Mod?

Newsgroup: rec.radio.scanner
Date: 1994-03-07 14:53:19 UTC
From: slitel@cadre.com
Message-ID: <1994Mar7.145319.6627@fripp.ri.cadre.com>
Source record: 276442

Someone sent me this "mod" and it states something about pin 19 and pin 20? I opened this thing and can find nothing labeled "19" or "20"

Can anyone help???

1637. Macintosh Ham Radio Software 1.0.6 - 3/94

Newsgroup: rec.radio.scanner
Date: 1994-03-07 16:01:58 UTC
From: Terry Stader <p00489@psilink.com>
Message-ID: <9403071601.AA22053@worldlink.worldlink.com>
Source record: 276443
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.shortwave,rec.radio.info,rec.radio.scanner,rec.radio.shortwave

```
Macintosh Amateur Radio Software - March 1994
Version 1.06

Please feel free to distribute this list as widely as possible. Many
of you have asked if it is OK to cross-post this list? I don't mind,
but I would like to know where it is going. If you think it should
be cross-posted to other USENET groups, please let me know so I can
try and manage these. We don't want to have any duplication or our
welcome will be wore out! I will also try and honor individual
requests for this list... but I do not always catch all of the
newsgroups postings... so please DO NOT reply/ask there! If I am a
little slow in getting the list back to you... hang in there!

Those of you that can tell me about ANY of these programs
compatibility with System 7 would be appreciated! I am going to be
adding a System 7 compatability section to EACH description in
future releases. If the application is KNOWN to execute properly
under System 7, the System 7 anotation will be placed as the last
line of the product description. More clarification on levels of
System 7 compatibility in the future editions... but this is a
start!

Some of the information in this list was gleaned from flyers
supplied by the software vendors, or in some cases from reviews in
amateur radio publications or the README files included with the
archive. Some of the information has not been verified for a long
time; please check with the vendors/authors for the latest product
specs, pricing, etc.

NEW/CHANGES: A new group has been added... that of WEFAX. Although
some of the software currently available supports this mode, RadFax
is the first to be listed as the only function of receiving waether
facsimille.

I've started adding more version numbers so that our users will know
if they have the most current release. Thanks to those that have
already sent them in... I'll accept all corrections!

This list contains info on updated for several applications: updated
information on Kantronic's Host Master(thanks John-WD1V) and Lar's
newest release of Morse Trainer 1.1.1. Ivo-ON1XK and Adam-PA2AGA
both contnue to be busy with new releases of IM/Mac and NET/Mac
repsectively. I know that Adam made changes to support the multiport
serial boards... and now we can have up to 16 TNCs connected!
```

Thanks Adam, Ivo and Lars for some great products!

A reminder that The World Software Tool and Dye, is one of the newest site carrying the Mac Ham Radio Software. Scott-WY1Z is maintaining these file as the Librarian of the Boston Amateur Radio Club. Look in the following path at ftp.std.com: /pub/hamradio/mac.

Check at the bottom of this list for more information on ftp'able sites carrying Amateur Radio software.

The ARRL ListServer is also carrying the latest version of this list... in case you loose this one!

*** Collections ***
<MacNet v5.31>
Join MacNet and get included in the latest version of "Macnet Roster", a HyperCard 2.x stack that now has > 400 members and is the proverbial "Who's Who" of hams using Macs. You'll find "Macnet Roster" a great tool for finding out who, what and how other hams are using their Macs with their ham stations. It even includes this file!
Send $30.00($40.00 DX) check or money order to: WD1V, John Seney, 144 Pepperidge Drive Manchester, NH 03103 USA.
All disks shipped First Class Mail PPd. Get the COMPLETE Macnet Software Collection ppd. on 10 disks!
Based on your interests, you'll also receive public domain shareware received by our members.
System 7

<Project Mac>
Contest logging, antenna design, satellite tracking, clip art, etc. Microsoft BASIC required for many of the programs. Most of this software is now available in the MacNet collection. Send three formatted 800K Macintosh disks with stamped, self-addressed disk mailer to Stan Horzepa, WA1LOU, One Glen Ave., Wolcott, CT 06716-1442. Stan can be reached at horzepa@gdc.com
NOTE: Stan has indicated much of this software is "old" and may not work on some newer Macs. Also he notes that most of his collection is available in the MacNet collection above. He will send anyone what he has if you send him the disks and SAS mailer.

<Amateur Radio Software for Macintosh>
Extensive catalog including logging, Morse code, gray line, test preparation, satellite tracking, contesting, and packet radio programs.
ZCo Corporation, P.O. Box 3720, Nashua, NH 03061. NOTE: This company has been rumored to be out of business!

<Amateur Radio #1>
Contains satellite tracking, Morse code, attenuator design, and Ohm's law calculator programs. Kinetic Designs, P.O. Box 1646, Orange Park, FL 32067.

*** Test preparation ***
<Ham Test Stacks>
HyperCard stacks containing the entire question pool for each license class. Can be used for preparation or generating actual tests. The current releases are: Novice v4.1(new questions eff. 7/1/93), Technician v4.0(new questions effective 7/1/93), General v2.4, Advanced v2.4, Extra v2.4 If you wish to receive these PUBLIC DOMAIN stacks, please send a SASE (self addressed STAMPED envelope - 2 ounces postage = .52) and 800K diskette to the author: Diana L. Carlson, 3 Spruce Street, Hudson, NH 03051. Diana will no longer send out the stacks unless the envelope has sufficient postage for return mail (in general, that means .52-.98, depending on size of envelope) and for those who send a standard business envelope, she takes no responsibility for the condition of the diskette through US mail. Available via anonymous FTP from various sites, including uxc.cso.uiuc.edu (/pub/ham-radio). NOTE: The newest releases of Novice and Technician stacks are available at uxc.cso.uiuc.edu (5/6/93) Author is available via Internet: dls@genrad.com
System 7 savy with HyperCard 2.1

<MacHam>
Test generators and study aids for the Technician, General, Advanced, and Extra class written elements. Includes the complete question pool for each license. Hypercard based.
Coyne Co., P.O. Box 2000-200, Mission Viejo, CA 92692.
System 7 with HyperCard 2.1

*** Morse code practice ***
<N6MZV Morse Trainer>
Lets you practice any combination of letters, numbers, and/or punctuation characters. Can send user-created text files.
RT Martin, N6MZV, 10382 Orange Avenue, Cupertino, CA 95014. Also available via anonymous FTP from ftp.apple.com (/pub/ham-radio).
Shareware.

<Morse Code Tutor v1.6> - used to be called Morse Tutor
Sends random groups of letters, numbers, and/or punctuation characters. Available via anonymous FTP from ftp.apple.com (/pub/ham-radio). Or send formatted 800K Macintosh disk with stamped, self-addressed return disk mailer to Jack Brindle, WA4FIB, 726-175th Street SW, Bothell, WA 98012; Compuserve: 73365,606.

<MorseMania V1.0>
Designed for those already familiar with Morse code who want to improve their speed. Allows code practice at various speeds and audio pitches. Can generate random sequences or play the contents of user-created text files. Freeware. Available via anonymous FTP from whirlwind.stanford.edu (/pub). Contact Edward Plumer, KM6IQ, for more information; Internet: plumer@isl.stanford.edu.

<MacMorse>
Randomly sends chosen characters. Lets you create your own practice

files. David A. Kall, 700 Marine Parkway #314, New Port Richey, FL 34652.

<MacMorse v1.3>
MacMorse is designed to help you learn Morse code and improve your receiving speed. It has several ways that it can send letters and punctuation. Shareware. Doug Havenhill, Dynamics and Control, 7143 West Sunnyside Drive, Peoria, AZ 85345.

<MacSamuel>
Sends random words, random character groups, and user-created text files. Can also create simulated QSOs with randomly generated text and callsigns. Avant Systems, P.O. Box 5437, Pittsburgh, PA 15206.

<Zihua Morse>
Designed to teach Morse code to beginners and to improve the accuracy and speed of advanced users. Responses can be typed into the computer; the program will calculate accuracy and timing statistics for each session. Optional speech synthesizer reads the characters out loud for an accuracy check. Zihua, P.O. Box 51601, Pacific Grove, CA 93950.

<Sparks-II v2.0.5>
More Code training program. Available for anonymous ftp at rahul.net /pub/davidj/radio

<Morse Master v1.0>
The newest of the morse code training programs. MM calculates the real speed as follows: Real speed = Number of Words/end time - start time. And the lengh of word is generating randomly, so if you set even 5WPM, sometimes another value will appear. However you should believe the slidebutton's value. If you repeat many times, the average speed should be 5WPM (if not... anyway, believe the slidebutton's value). Archive is available mac.archive.umich.edu, path: mac/util/organization/morsemaster1.0.sit.hqx The author can be reached thru the following e-mail addresses: h79261a@kyu-cc.cc.kyushu-u.ac.jp. (Eiji AOL account is no longer valid - moved back to Japan after his studies.)

<Morse Trainer-US v1.1.1>
MorseTrainer is a powerful tool for learning and training Morse code. Features: Three different training modes: user text, random text, library text; Arbitrary signal pitch and timbre; Arbitrary speed and tempo; Multi-alphabet support; Random text generator; Text library editor; On-line alphabet; On-line manual; Help Balloons; And a lot more. New features in 1.1: Enhanced sound generator, volume control and risetime control. The pitch is set in steps of 10Hz instead of using MIDI frequencies; Speed and tempo limits increased to 80 words/minute as a result of the enhanced sound generator; User-selectable font in the Misc settings dialog. FREEWARE!
This version uses TrueType fonts instead on bitmaps fonts so that

the user can distinguish 0(zero) from O(character). Furthermore speed and tempo can be given in either characters/minute or words/minute. Archive is available mac.archive.umich.edu, path: mac/util/organization/ Author is available via internet: sund@tde.lth.se
System 7 savy

<CW Speed Builder v3.0>
This program is for improving Morse Code (CW) reception skill. The major difference between this and other Morse Code training programs is that this one will not continue sending until you provide the correct answer. Major changes which have been suggested and implemented since last version include: after three incorrect responses the program shows the correct character; the list of characters at the end which will show those you know and those you need more practice on; the frequency of the tone has been changed; volume of the tone has been reduced; the character " - " has been added (dah dit dit dit dah) Comments can be sent as follows: America Online:K7UPJ, Internet:k7upj@aol.com, Packet radio:K7UPJ@KA3T, Compu$erv:70521,2356, Mail:Box 84, Cascade, MD 21719

*** Packet and other digital modes ***
<NET/Mac 2.3.38>
Allows simultaneous TCP/IP, AX.25, and NET/ROM connections. Requires a TNC with KISS mode. Copyright, but free for noncommercial use. The latest releases have added the ability to cut and paste from the console window and support of multi-port serial boards like AE's QuadraLink. It is now possible to have up to 16 TNCs connected up to a Nubus Mac!
Adam van Gaalen, PA2AGA, (Internet: adam@IGG.TNO.NL) has been making the modifications to NET/Mac. This version (and others) is available via anonymous FTP from ucsd.edu (/hamradio/packet/tcpip/incoming), mac.archive.umich.edu and
System 7

++##NOTE##++
Adam recently sent oout a note to the distribution list about moving NET/Mac to Systerm 7 Pro. If you are contemplating this upgrade, Adam would like to know this... he would like to know about any particular features that System 7 Pro supports that you think should be added to NET/Mac. Please e-mail him at the address show above.

<Domain-to-Hosts Converter 1.0r3>
This application will create a hosts.net file from the domain.txt file that PC owners use with NOS. Created by Ken-NS1C is available on many TCP/IP packet switches in New England.program.
System 7

<IM/Mac 1.0b27y>
Mailer program for use with the SMTP protocol. Alternative to the

BM program that comes with NET/Mac. Written by Ivo van Ursel, ON1XK. Ivo is continuosly updating his mailer program. His newest release supports built-in BinHex support, selectable sound chimes for incoming mail, "quoting" of forwarded messages and lots more. If you are not using this program... why not? Check for the latest release in the directory before "blind" ftp'ing. This software supports System 7's Ballon Help and is System 7 savy! Available via anonymous FTP from ucsd.edu (/hamradio/packet/tcpip/incoming). Author is available via internet: on1xk@igg.tno.nl <<-- new address for Ivo
System 7 savy

<SoftKiss 1.8>
Control panel device that emulates a TNC running in KISS mode. For use with packet-radio modems such as the Baycom kit and PacketMac Modem. Version 1.8 July 9 1993 update since 1.6. KD6PAG found a bug in quoting recieved escape and end characters is sofktiss 1.6. The bug and the fix and patch are all correct, thanks for some great detective work. Lots of doc files and drawings included in this archive! Requires the Serial Tool from Apple's Communications Toolbox! Available on the HAMNET forum of Compuserve, America Online and via anonymous FTP from akutaktak.andrew.cmu.edu (/aw0g).
System 7

<PacketMac Modem>
PacketMac Modem kits can be obtained from: Sigma Design Associates, P.O. Box 49085, Colorado Springs, CO 80919, (719) 260-5513 (after 1/94). Dexter Francis can be reached at FRANCIS4@AppleLink.Apple.COM

<Savant 1.0.1>
A new packet terminal front-end by the author of Virtuoso. Savant has a split window interface, but it's also a multi-window, multi-connection interface and will work with almost any TNC, unlike MacRatt or HostMaster. Savant also is compatiple with SoftKISS and the PacketMac Modem.
A demo version of the product is available at cpre1.ee.iastate.edu (pub/ke0ph) or via US Mail, send a SAS disk mailer and disk to CM Technologies, Inc., RR#1, Box 83A, Kelley, IA 50134 (515) 597-2051.
System 7, 32-bit, '040 cache clean and it supports the required AppleEvents.

<MacRatt with FAX>
Terminal program for use with AEA's PK-232 multimode controller. Supports packet, CW, RTTY, AMTOR, and facsimile. Includes cable. Advanced Electronic Applications, P.O. Box C-2160, Lynnwood, WA 98036.

<Host Master 1.2>
The Kantronics Host Master software provides an easy to use, multifunctional terminal program for the TNC. Host Master Mac is a simultaneous multi-mode terminal program for the Mac written by Kevin Krueger, N0IOS and marketed by Kantronics. It is a commercial

product available from most of the ham radio stores and supports single and multiple packet connects, packet monitoring, and HF operation (with KAM) each on a separate window, all at the same time. This package retails for $69.95 in the US and is intuitive, friendly, and well supported by Kantronics. Current version as of 10/20/93 is 1.2. It is hoped that a future version will support FAX but currently Hostmaster supports PACKET, AMTOR, RTTY, PACTOR (KAM ver. 6.0), CW, and NAVTEX. Features: text and binary file transfer; packet conferencing; color or B&W windows; cut, copy, paste between windows; call exchange and data/time stamp; auto startup/shutdown commands; transmit buffers for each mode; simultaneous dual port, multiple connects; supports KPC-2, KPC-2400, KPC-4, KAM and Data Engine. Requires: Macintosh Plus w/ System 6.05 or better. Current Kantronics firmware.
System 7 compatible, with baloon help

<PacketTracker 1.05>
PacketTracker ver 1.05 is a program that monitors packet activity and keeps track of what is going on. It draws a graphical map showing who is talking to who and displays statistics of all current stations and keeps a running tally of activity. PacketTracker was written for both the casual packet user and the network manager or BBS operator. The casual packet user will be able to learn a great deal about what is happening in packet around him; which stations are generating the most data and what some of them are. he will be able to see graphically what stations he can hitdirectly and which ones he cannot. For the network manager and BBS operator, PacketTracker provides extensive insight to the operation of the local network and problems such as excessive retries on a path. It also allows for extensive logging of channel utilization and other pertinate information.
NOTE: This application requires the Apple's Serial Tool from the Communications Toolbox.
System 7

*** RTTY ***
<MacTTY>
Decodes Baudot or ASCII transmissions. Can also be used for packet radio and other digital modes (including landline data communications). Includes split screen, a 15,000-character type-ahead buffer, and canned messages. Summit Concepts, Suite 102-190, 1840 41st Ave., Capitola, CA 95010.

<MacMultiCom 1.0>
MFJ sells MacMultiCom 1.0 for their 1278 multimode controller. MacMultiCom supports all of the modes of the 1278: packet, rtty, ascii, pactor, amtor, gray scale faxes, and many different formats of color sstv. The program requires a minimum of a MacPlus and a hard disk. Requires a color Macintosh and System 7 for best results.
System 7

*** Logging *** <Ham Radio Station Logbook>
HyperCard stack that stores and displays radio contact information. Automatically stamps entries with time and date. Contacts can be sorted by frequency, call sign, or date of contact. Includes report formats, a "Q-code" reference list, and on-line help. SanSoft, 892 E. Quail Place, Highlands Ranch, CO 80126. (The same program appears to be available from Heizer Software, 1941 Oak Park Blvd., Suite 30, Pleasant Hill, CA 94523.)

<FDLog!>
Contact logging and duping program. Can transmit any of ten programmable CW messages. Generates real-time statistics on QSO rates. System One Control, 3900 85th Ave N, Suite 200, Brooklyn Park, MN 55443.

<MacContest 4.0>
The ultimate contest logging program for the Macintosh (System 7 proof). Covers CW/SSB/RTTY modes and all bands from 1.8 MHz to 5.7 GHz. Allows real-time or post contest logging for a wide variety of contests (30 contest include, new ones can be added). Checks for dupes, figures scores instantly. Offers various printouts (sorts per band, alpabetically, labels etc.) Interfaces to TNCs (KAM, PK-232) for CW, RTTY and packet modes. Built in terminal mode and packet DXcluster interface. Interface to Kenwood transceivers for automatic band/mode logging. MacinTalk voice output for real-time logging as well as to ease post-contest entry. Option to capture log in realtime to printer. Option to simultaneously create a save copy of the log to a different file/drive. Timetable showing actual grayline on a world map.
MacContest is free but must be personalized to each user (otherwis it's limited to 50 contacts). To get a copy send a 3.5" diskette and a SASE to Gerald Eberle, HB9CEY, PO Box 13, CH-4417 Ziefen, Switzerland.
Moritz (HB9BLZ) can act as a message forwarder for Gerald. Moritz' e-mail address is: gysslerm@saturn.kau.roche.com

<LOGic>
(Macintosh version scheduled.) Lets you define the rules determining dupes (such as once per band or once per contest). Displays heading, distance, and other information about the country being worked. Automatically enters contact time; if interfaced directly to a radio, also enters the frequency, band, and mode. Shows status toward earning amateur-radio awards. User-definable database fields. Exchanges data with other programs. Personal Database Applications, 2634 Meadow Bend Court, Duluth, GA 30136.

<HF Logger 1.2>
A real fine HyperCard logging program! (hey... thats all I got!)
N0QGQ

<Simple Log .2b>
This little utility is a handy way to create a logging file that you can later import into any data base for analysis, etc. It also

shows you that just about anyone can use Think C and create
something on the Mac! Let me know if you'd like the source code.
WD1V @ WA1WOK.NH.USA.NA Author is John Seney - WD1V, e-mail address
is jseney@aol.com. For a copy of this program, mail a SASE disk
mailer and 800K disk to: John D. Seney, WD1V, 144 Pepperidge Dr.,
Manchester, NH 03103
System 7

<Marathon>
Contesting/logging- Have seen references to (March 92 CQ magazine)
and heard good things about MARATHON by N 0 IOS. I believe a demo
was available for $8. Last address known is: Kevin Krueger, N0IOS,
1780 Ruth St., St.Paul, MN 551O9

*** Propagation, gray line, DX headings *** <DX Map v1.1>
Displays a map of the world with the terminator. Gives location,
prefixes, zone numbers, distance, and heading for any country you
select. Freeware. Requires HyperCard 2.0. Available via anonymous
FTP from joker.optics.rochester.edu (in the /ham/dxmap directory).
Or send a formatted 800K Macintosh disk with a stamped,
self-addressed disk mailer to Len Saaf, NV2Z, 52 Raleigh Street,
Rochester, NY 14620 (Internet: saaf@joker.optics.rochester.edu).

<SatTrak>
Primarily a satellite tracking program, but also calculates beam
headings, Maidenhead grid locations, MUF plots, and band openings.
Shareware. Available via anonymous FTP from sumex-aim.stanford.edu
(/info-mac/app). Or send a formatted 800K or 14.MB Macintosh disk
with stamped, self-addressed disk mailer to Mike Pflueger, WD8KPZ,
6207 W. Beverly Lane, Glendale, AZ 85306.

<Sun Clock>
Desk accessory. Displays a color map of the world, including the
terminator. Indicates current time for any location. MLT Software,
Inc., P.O. Box 368, Portland, OR 97207.

<DX Window>
Draws a great-circle world map centered on your QTH, with day/night
terminator indicated. Displays over 400 DX locations with prefixes
and beam headings. Engineering Systems, Inc., P.O. Box 939, Vienna,
VA 22183.

<Skycom 1.1>
Enter solar flux and get propagation predictions to desired areas
of the world. Engineering Systems, Inc., P.O. Box 939, Vienna, VA
22183.

<Skycom 1.5>
Provides sunlight status at both ends of a path; MUF, F0F2, and FOT
frequencies; S/N ratio of the link; and other information.
Engineering Systems, Inc., P.O. Box 939, Vienna, VA 22183.

<DX Helper v1.57B>
Displays beam heading, distance, gray line, and propagation information. Generates great-circle maps. Identifies prefixes, zones, and oblasts. Includes code practice. MacTrak Software, P.O. Box 1590, Port Orchard, WA 98336.

<Mac MiniMUF v5.1>
A greyline and propagation predictor based on the PC version of MiniMUF by K4CFV. It is available directly from him for the price of a formatted disk and SASE (disk mailer). His address in callbook or: Bob Stamper K4CFV, 12510 Shadowrun Blvd., Riverview, FL 33569

<Mac ShortWave v1.2>
A program called Mac Shortwave that figures MUF and LUF. BXA Research in Plano, Texas

*** WEFAX ***
<RadFax 0.9>
RadFax 0.9 is somewhat incomplete and may have bugs, it is capable of receive weather faximile messages via the sound input port of Macintosh computers. Basically you connect your Mac to a shortwave radio and tune in to weather fax station. You set the reception speed and desired resolution and start receiving.
I'm not sure if I'm going to add the features that I still feel are missing, but if I get enough shareware payments, I will do so. In any case, anyone who send me a shareware payment of $25 (cash prefered, but I guess there might be a way for me to cash checks too) will receive a disk with the full source code for the program. You will need at least Think C 5.0 and TCL to compile the program. Shareware payments should be sent to: Juri Munkki, Ehrensv 20B8, SF00150 Helsinki, Finland

<WeFaxWorks>
Weather facsimile terminal program for use with Kantronics TNCs. Kantronics rfconcepts, 1202 E. 23rd Street, Lawrence, KS 66046.

*** Satellite tracking ***
<SatTrack v1.02>
Tracks one satellite across a world map as it moves, displays the instantaneous position of several satellites, or generates tables of all satellites visible from a certain location at a given time. Also calculates beam headings, Maidenhead grid locations, and MUFs. Shareware. Available via anonymous FTP from sumex-aim.stanford.edu (/info-mac/app). Or send a formatted 800K Macintosh disk with stamped, self-addressed disk mailer to Mike Pflueger, WD8KPZ, 6207 W. Beverly Lane, Glendale, AZ 85306.

<MacSat v3.1>
Tracks up to 21 satellites simultaneously, either in simulation or real-time mode. Text screen displays ground-track coordinates, range, mean anomaly, visibility (azimuth and elevation) and Doppler shift frequency information for all satellites being tracked. Graphical screen portrays the satellite ground tracks superimposed

on a world map. Polar plot displays graphically the precise location of each visible satellite above the observer's horizon. Developed by the Geodetic Research Laboratory of the University of New Brunswick. Available from Richard B. Langley, R.R. 12, Fredericton, N.B. E3B 6H7, Canada (Internet: lang@unb.ca). A demo version of MacSat may be ftp'ed from directory PUB.CANSPACE on unbmvs1.csd.unb.ca.
System 7

<OrbiTrack> <OrbiTrackFPU v2.1.4>
Calculates look angles to selected satellites, plots current satellite positions on a world map, and displays the visible passage of a satellite against background stars (either within the program itself or via a data file that can be read into the Voyager astronomy program). Please note that one version requires an FPU to operate! BEK Developers, P.O. Box 47114, St. Petersburg, FL 33743. (Bill Bard, CompuServe: 75366,2557) (Note: This replaces BEK's previous MacSat program, which was not related to the program of the same name from UNB.)

<QuikMac>
Macintosh version of N4HY's QuikTrak program. Requires Microsoft BASIC. AMSAT, P.O. Box 27, Washington, DC 20044.

<Satellite Orbit Prediction Program>
Macintosh conversion of W3IWI program. Requires Microsoft BASIC. Send formatted 800K Macintosh disk with stamped, self-addressed disk mailer to Earl Skelton, N3ES, 6311 29th Place NW, Washington, DC 20015. Or send self-addressed stamped envelope for source listing.

<Satellite Pro>
Uses world maps and tables to indicate rising and setting schedules, current locations, mutual visibility opportunities, and footprints. Includes Mercator, polar, and great-circle displays. Optional antenna control. MacTrak Software, P.O. Box 1590, Port Orchard, WA 98366.

<Macintosh Spacecraft Personal Orbit Computations (MacSPOC)>
Software used aboard the Space Shuttle and in Mission Control to track the Shuttle. Models engine burns, orbit perturbations, and the Shuttle's orientation. Free online data uploads during Shuttle missions.
Commercial v1.5 available from Daniel R. Adamo, 4203 Moonlight Shadow Ct., Houston, TX 77059; telephone 713-480-9631; AppleLink: D3176; America Online: AdamoD. Test drive v1.1 available on AppleLink (path "K-12 Education: Education Resources: Science Resources: MacSPOC: Space Shuttle Orbit Software"). Author is on AOL and can be reached as adamod@aol.com via the internet.

*** Antenna design ***
<MacMiniNEC>
Chris Smolinski, N3JLY, 40 South Lake Way, Reisterstown, MD 21136.

*** Radio control ***
<ICOM Radio Control>
Provides a Macintosh interface for controlling ICOM transceivers that use the CI-V remote-control system. Lets you quickly change frequencies and modes. Also does logging and duping. Requires a CI-V to RS-422 converter (schematic included with program).
KE6FG Software, 9763 Pali Avenue, Tujunga, CA 91042.

<FreqValet>
Provides frequencies and DX program info for shortwave radio listeners. The program databases update automatically at 15, 30, or 60 minute intervals, thus providing a continuous display of broadcasts on-the-air at any given time in a spreadsheet like format. Features include sorting of data, scanning, and on-screen changing of databases. The program will convert Tom Sundstrom's dBase shorwave broadcast listing to FreqValet format and will do the same for Shorwave Navigator users. Separate cards are provided for DX Programs, Ship to Shore, and Utility broadcasts. Computer control modules are available at extra cost for the Drake R8, Kenwood R-5000, JRC NRD-525, and NRD-535 receivers.
DX Computing, 232 Squaw Creek Road, Willow Park, TX 76087.
Telephone (817) 441-9188 or (817) 441-5555 (fax). Author is available via internet: dxcomp@aol.com System 7 with HyperCard 2.1

*** Ham radio BBSs ***
<Digikron Systems BBS>
Various ham-related applications, including logging, propagation, Morse code, and packet. (408) 253-1309.

<N8EMR BBS>
Various ham-related files, including packet, DXing, and contesting software; AMSAT bulletins; and several ham newsletters. (614) 895-2553. Also available via FTP on AMPRnet at 44.70.0.1.

<WB3FFV BBS>
Various ham-related software, including packet, contesting, and Morse code applications. (410) 661-2475, 661-2598, and 661-2648.

<ChowdaNet BBS>
(more info at a later date)

*** Online Services carrying Ham Radio software ***
<America Online>
Supports Macintosh, PC's DOS & Windows versions, PS/1, Apple //s, Casio Zoomer. Ham Radio Club (keyword = ham radio) supports all computer types. Software for amateur radio, scanners, swl'ers and general electronics. For 10 FREE hours of trial time send your snail mail address to tstader@aol.com or call 1-800-827-6364 Ext. 6285. This site NOT ftb'able (yet). Internet e-mail.

<CompuServe>
Supports any communications software on most computers Ham Radio area (go hamnet) supports all types of communications formats. Call

1-800-848-8199 for information. This site NOT ftb'able.Internet
e-mail.

<Delphi>
(more info at a later date) Internet e-mail

<GEnie>
(more info at a later date) Internet e-mail

<Prodigy>
Has ham radio message areas, no downloadable software. Limited
internet e-mail.

==========
Misc. Internet FTP sites for
Amateur Radio Macintosh software

joker.optics.rochester.edu (/ham)
sumex-aim.stanford.edu (/info-mac/app)
mac.archive.umich.edu various locations
vixen.cso.uiuc.edu (/pub/ham-radio)
ucsd.edu (/hamradio) many different subdirectories
(/hamradio/packet/tcp/incoming) newest
files temp holding area
(/hamradio/packet/tcpip/pa2aga)
NET/Mac & IM/Mac area
ftp.apple.com (/pub/ham-radio)
akutaktak.andrew.cmu.edu (/aw0g)
softkiss-mac nic.switch.ch (/software/mac/ham-radio)
ftp.std.com (/pub/hamradio/mac)

If you know of any other sites, please e-mail me info so I may keep
this list as up to date as possible!

- Terry

Thanks for all of the notes and updates! Keep them coming. Did I
get all of the versions right?

==========
NOTE: Much of this work was done by Patty-N6BIS as she collected
information from many vendors. I would like to keep this list as up
to date as possible. Please feel free to drop me a note if you have
any additional software to this list.

DISCLAIMER: The software listed is not endorsed by Apple Computer,
Inc.(c) nor has it all been tested by the author/providers of this
information.

****
* Recompiled by Terry Stader - KA8SCP (tstader@aol.com) *
* Original list compiled by Patty Winter - N6BIS *
* New information last added 1/94 *
* some information not rechecked since early 1991. *

****

1638. Re: Further criminalization of scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-07 16:46:03 UTC
From: ez006683@chip.ucdavis.edu
Message-ID: <CMAzws.A8E@ucdavis.edu>
Source record: 276444
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

Mickey R Henniger (henniger@crl.com) wrote:

: Getting PGP will not solve the problem. I feel our government intends to:

: 1. provide a somewhat viable encryption standard with a govt backdoor.
This is unnecessary, why create a backdoor when you have the key? All
clipper keys are in the posession of our government with no LAWS to
protect them. Clipper is probably secure except for the fact that the
keys are all in "their" hands. see sci.crypt or alt.security.pgp

: 2. pass laws which make it illegal to use non-govt sanctioned encryption.
: (after all, if you are innocent, what do you have to hide?)
This is a possibility. A scary one.

: The standard argument has always been '...in the national interest...'
: The question becomes:
: "Do we really want to give up the last sanction of privacy left to us?"
No!

OBradio: I mentioned it before but got no responses, is the use of PGP
verification acceptable on packet?

cheers,
Dan
--
--
* Daniel D. Todd Packet: KC6UUD@KE6LW.#nocal.ca.usa *
* Internet: ddtodd@ucdavis.edu *
* Snail Mail: 1750 Hanover #102 *
* Davis CA 95616 *
--
* All opinions expressed herein are completely ficticious any *
* resemblence to actual opinions of persons living or dead is *
* completely coincidental. *
--

1639. Q: Radio & TV receivers/scanners with GPIB or other ?

Newsgroup: rec.radio.scanner
Date: 1994-03-07 16:47:32 UTC
From: U211321@HNYKUN11.URC.KUN.NL
Message-ID: <16F72FA35S85.U211321@HNYKUN11.URC.KUN.NL>
Source record: 276445
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Hello Netpeople,

I was wondering if by any chance there has evolved some sort of
Personal Computer remote control standard for radio and TV equipment,
like e.g. the GPIB interface for analogue measurement equipment 15 or
more years back.
I know nowadays you can buy TV-receiver cards for the PC which may
or may not be sufficiently shielded, what I do know is that with
soundcards the noise situation can't possibly be bettered without
making the product substantially more expensive and I guess this
holds for anything inside a PC processing HF and higher frequency
analogue signals.
Any radio & TV sets out there with GPIB or its successor ?

Thanks in advance, Bob.
u211321@hnykun11.uci.kun.NL
u211321@hnykun11.urc.kun.NL
P.S.: please e-mail (as well).
++

1640. Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-07 17:44:48 UTC
From: s1312800@SANDCAST
Message-ID: <1994Mar7.174448.15175@spartan.ac.BrockU.CA>
Source record: 276446

The title says it all. I want to know the best police/ambulance/fire etc. call or scanner conversation you've ever heard.

For example, I think the one I most enjoyed was the time that the emergency task force of the Niagara Regional Police was called out to a house in the city, because a kid had shot and killed his friend and had holed himself up in the house. It lasted for about two hours, and it was quite exciting.

Either that or the time I heard my neighbour call 1-976-SEXX...

Any comments?

+-----------------------------------+-----------------------------------+
Aaron Rossetto Computer Science	"I should be depressed
Brock University St. Catharines	My life's a mess
s1312800@sandcastle.cosc.brocku.ca	But I'm havin' a good time
s1312800@csvax.cosc.brocku.ca	- Paul Simon
+-----------------------------------+-----------------------------------+

"Science is at least as demanding as delivering pizza" - Prof. Hartman

1641. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-07 18:07:51 UTC
From: jss@forrest.larc.nasa.gov
Message-ID: <2lfqhn$d04@reznor.larc.nasa.gov>
Source record: 276447

The best one that I heard was when a neighbor was talking seductivly to her lover while her husband was on call waiting. I stayed up until 1 a.m. listening that night.

****
****
**** Jim Smith - jss@longstreet.larc.nasa.gov ****
****
**** LaRC-Where Tommarrow is still **** I was lined up for glory but ****
**** yesterday **** the tickets sold out in advance ****
************************************ -Neil Peart ****
****
****

1642. test

Newsgroup: rec.radio.scanner
Date: 1994-03-07 18:55:32 UTC
From: post@130.162.65.80
Message-ID: <post-070394135532@132.226.102.82>
Source record: 276448

I am only a casual fan of this hobby, but would like to know what April cutoff you are referring to. Don't tell me that Mr. Clinton an his gang are trying to restrict this hobby!!!! God I hope not! Please respond.

Thanks in advance,

--
Jim Post

The article is as follows (cut/pasted):

--
Jim Post

1643. Re: What to buy before April?

Newsgroup: rec.radio.scanner
Date: 1994-03-07 18:56:58 UTC
From: post@130.162.65.80
Message-ID: <post-070394135658@132.226.102.82>
Source record: 276449

In article <2l8ema$nm8@ornews.intel.com>, bmiller@landesk.intel.com (Brett Miller - Support Engineer) wrote:

> I am normally very decisive on what I want, but this is a little different.
> I would like to buy one more scanner before the April cutoff. I don't really
> need another scanner, but for possible future investment, I'd like an extra.
>
> I want one with 30Khz steps at 800MHz. I have considered the MVT-7100, but
> I can't justify the cost. I am leaning toward the pro-43 since I already
> have the BC2500. Does Marymac still sell modifiable pro-43's? or does anyone?
>
>> Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
> Intel Corp.
> American Fork, UT

I am only a casual fan of this hobby, but would like to know what April cutoff you are referring to. Don't tell me that Mr. Clinton an his gang are trying to restrict this hobby!!!! God I hope not! Please respond.

Thanks in advance,

Jim Post

1644. Antenna problem SOLVED!

Newsgroup: rec.radio.scanner
Date: 1994-03-07 18:57:53 UTC
From: rbishop@oasys.dt.navy.mil
Message-ID: <2lftfhINNmku@oasys.dt.navy.mil>
Source record: 276450
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I recently posted a request for help with an antenna problem I was having. I had placed an outdoor scanner antenna on my house to enable my BC55XLT to get better reception of nearby railroad activities. However, when I hooked my radio to the antenna the unit lost almost all sensitivity and picked up fuzzy broadcast band type signals. This I interpreted to be front end overload from what I had read. This turned out not to be the problem, however.

I received several emails with suggestions and one asking what kind of cable I was using. I was using RG-58U and I was told that that was probably my problem and that I should try RG-8U instead. This past weekend I changed the cable to RG-8U and my problem was solved. Gone are the interference problems and the radio now picks up strong, steady signals from what used to be spotty sources and also picks up from sources that used to be unavailable. Thanks to all who responded (I have emailed thanks to you). And I am posting this so that others who might have the same problems might try this solution.

Bob Bishop

Robert H Bishop Phone 301-227-1218
David Taylor Model Basin FAX 301-227-2654
CDNSWC Code 5051 _ _
Washington DC 20084-5000 "I ( ) my Z-248"
\ /

1645. What to buy before April Cutoff -- Huh???

Newsgroup: rec.radio.scanner
Date: 1994-03-07 19:02:54 UTC
From: post@130.162.65.80
Message-ID: <post-070394140254@132.226.102.82>
Source record: 276451

I recently read an article by

>> Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
> Intel Corp.
> American Fork, UT

Entitled "What to by before April".

I am only a casual fan of this hobby, but would like to know what April cutoff you are referring to. Don't tell me that Mr. Clinton an his gang are trying to restrict this hobby!!!! God I hope not! Please respond.

Thanks in advance,

--
Jim Post

1646. Re: fastfood freq

Newsgroup: rec.radio.scanner
Date: 1994-03-07 19:28:06 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2lfv86$bgj@slinky.cs.nyu.edu>
Source record: 276452

While I was on the way to a Mickey D's this weekend, a call came out for my local PD that a stolen car had turned up in the parking lot with four occupants. By the time I arrived there, there were three cruisers clogging the lot and a fourth pulled in behind me.

I left the local PD freq (only one--there's 15 cars!) in and added the Mickey D's, but sadly enough, nothing was going on inside the restaurant.

Oh well :(

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

1647. LA codes

Newsgroup: rec.radio.scanner
Date: 1994-03-07 19:29:10 UTC
From: drr1@nauvax.ucc.nau.edu
Message-ID: <7MAR94.19291017@nauvax.ucc.nau.edu>
Source record: 276453

I'm going to be visisting the LA/Downey area next week and would like some police/fire frequencies. Please email them to me or let me know where I can ftp them. Thanks in advance.

Dennis Rice
drr1@nauvax.ucc.nau.edu

1648. MVT_7100

Newsgroup: rec.radio.scanner
Date: 1994-03-07 20:08:00 UTC
From: marc.tebeka@spacebbs.com
Message-ID: <6.4348.1585.0NAE89A8@spacebbs.com>
Source record: 276455

> Hi,

> What is the average price for a new MVT-7100 in the US (Ca) ?

> thanks

> franck

~$600, including Fedex shipping, from Javiation in UK.

Marc

* RM 1.0 * Eval Day 3 *

1649. AZ utilities

Newsgroup: rec.radio.scanner
Date: 1994-03-07 20:09:52 UTC
From: drr1@nauvax.ucc.nau.edu
Message-ID: <7MAR94.20095239@nauvax.ucc.nau.edu>
Source record: 276456

Does anyone know what frequencies Arizona utility companies use?
For example, Arizona Public Service (APS), Salt River Project (SRP) and
Southwest gas.

I've noticed that Police Call doesn't list them.
Any help would be appreciated.
Thanks.

1650. Halifax, Canada Trunk Radio

Newsgroup: rec.radio.scanner
Date: 1994-03-07 22:42:28 UTC
From: dmcdouga@fox.nstn.ns.ca
Message-ID: <dmcdouga-070394184017@halifax-ts2-18.nstn.ns.ca>
Source record: 276457

Here are the frequencies for the city of Halifax trunked system. Used by the police, fire and city departments.

143.5650/148.5550 EMO (PL tone 82.5)
153.8300 VHF mutual aid
862.6375/817.6375 ch 9, Geizer's Hill (trunked radio system)
862.7375/817.7375 ch 9, Barrington Tower (trunked radio system)
862.8875/817.8875 ch 8, Geizer's Hill (trunked radio system)
862.9875 police, talk around channel (trunked radio system)
863.1375/818.1375 ch 7, Geizer's Hill (trunked radio system)
863.2375/818.2375 ch 7, Barrington Tower (trunked radio system)
863.3875/818.3875 ch 6, Geizer's Hill (trunked radio system)
863.4875/818.4875 ch 6, Barrington Tower (trunked radio system)
863.6375 fire, talk around channel (trunked radio system)
863.6375/818.6375 ch 5, Geizer's Hill (trunked radio system)
863.7375/818.7375 ch 5, Barrington Tower (trunked radio system)
863.8875/818.8875 ch 4, Geizer's Hill (trunked radio system)
863.9875/818.9875 ch 4, Barrington Tower (trunked radio system)
863.9875/818.9875 ch 8, Barrington Tower (trunked radio system)
864.1375/819.1375 ch 3, Geizer's Hill (trunked radio system)
864.2375/819.2375 ch 3, Barrington Tower (trunked radio system)
864.3875/819.3875 ch 2, Geizer's Hill (trunked radio system)
864.4875/819.4875 ch 2, Barrington Tower (trunked radio system)
864.6375/819.6375 ch 1, Geizer's Hill (trunked radio system)
864.7375/819.7375 ch 1, Barrington Tower (trunked radio system)
864.8875 others, talk around channel (trunked radio system)
864.8875/819.8875 control channel, Geizer's Hill
864.9875/819.9875 control channel, Barrington Tower
866.0125/821.0125 800 MHz. mutual aid

1651. Re: What to buy before April?

Newsgroup: rec.radio.scanner
Date: 1994-03-08 00:50:51 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar7.195051.1@uoft02.utoledo.edu>
Source record: 276459
Cross-posted to: rec.radio.scanner,alt.radio.scanner

vhealey@crl.com (Victor Healey) writes:
> The biggest problem with the aor and Yupiteru and similar radios
> from Japan that have a built in delay that is impossible to defeat is
> that they are next to useless for monitoring trunking.

How long is the 'mandatory' delay on the 1000xlt and the Yup?

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1652. Re: MVT-7100 and shortwave

Newsgroup: rec.radio.scanner
Date: 1994-03-08 00:58:29 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar7.195829.1@uoft02.utoledo.edu>
Source record: 276460
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Henry@g0gku.demon.co.uk (Henry Brugsch) writes:

>> ira@src.dec.com "Ira Machefsky" writes:
>> Does anyone have any experience using the Yupiteru MVT-7100 on
>> shortwave broadcasts? Does it perform credibly in that range?

> In a word, yes, it performs quite well, given its advantages, and
> disadvantages.
> These are empirical observations, not backed up by data. But, I have had
> a good deal of experience with a number of portable unites, and have
> come to the conclusion that this is one of the best.
> It will hear as good as any portable unit I have used, this is including
> the small 9-band Sony with analog tuning. I have regarded this as one of
> the best little units for tracking foreign broadcast.
> But, the sony has some what better selectivity, than the 7100.
> But I have not found this to be a serious problem.
> However, I understand, now that the unit as supplied by a company in
> Germany is supplied with a 2.5khz filter for shortwave which is
> switchable.

This probably should be moved to rec.radio.shortwave, but how would you rate
the 7100's SSB reception? (I think it has SSB capability [?])

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1653. TV WFM Freqs, Please

Newsgroup: rec.radio.scanner
Date: 1994-03-08 02:19:39 UTC
From: r_egeland@cc.colorado.edu
Message-ID: <2lgnbr$pom@lace.Colorado.EDU>
Source record: 276461

Well, I had 'um at one time, but I've lost all my TV sound frequencies, and just bought an R1! Thanks to anyone who would post this info! (I know, I'm sure it's been done hundreds of times before, but at least not as many time as the Fast Food Freq. list that I see reposted EVERY DAY).

ADVthanksANCE
RDE

1654. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-08 02:29:45 UTC
From: weidling@satelnet.org
Message-ID: <2lgnup$q6s@sefl.satelnet.org>
Source record: 276462

Not that I have done much scanning but I did hear the police get called out because of "Space Aliens on the roof". I kept listening and later heard the responding officer report that the aliens had dispersed.

Can't tell you how relieved I was.

1655. BC200XLT for sale - $175

Newsgroup: rec.radio.scanner
Date: 1994-03-08 02:47:36 UTC
From: aharris@rock.concert.net
Message-ID: <2lgp08$fv8@inxs.concert.net>
Source record: 276463

Hello,

I'm selling my Uniden BC200XLT scanner for $175 firm, including UPS/COD (or you can pick it up in Chaple Hill, NC). This scanner has 200 memory locations and recieves police, fire, cellular and cordless phone transmissions, etc.. It is in excellent condition and comes with a power supply/charger and a manual. I have a mobile and an outdoor scanner antenia for sale as well.

Austin

910-932-3347
aharris@rock.concert.net

1656. Re: Halifax, Canada Trunk Radio

Newsgroup: rec.radio.scanner
Date: 1994-03-08 03:29:53 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar7.222953.1@uoft02.utoledo.edu>
Source record: 276464
Cross-posted to: rec.radio.scanner,alt.radio.scanner

phybs@mizzou1.missouri.edu (Bernhard Stepke) writes:
> dmcdouga@fox.nstn.ns.ca (Douglas C. McDougall) writes:
>>Here are the frequencies for the city of Halifax trunked system. Used by
>>the police, fire and city departments.
>
>>143.5650/148.5550 EMO (PL tone 82.5)...
>
> Did they take this away from 2m amateur band ?

Doesn't look like it. The 2m amateur band in the US and Canada is 144-148Mhz.
Both freqs Bernhard gave are outside the amateur band. One transmits 'below',
and the other transmits 'above' the 2m ham band.

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1657. Fort Myers Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-03-08 06:00:17 UTC
From: shaga61@ursa.calvin.edu
Message-ID: <CMC0oI.8H3@calvin.edu>
Source record: 276465

Thanks!
Scott Haga
shaga61@calvin.edu

--
Scott

1658. This week on Spectrum 12/03/94

Newsgroup: rec.radio.scanner
Date: 1994-03-08 15:03:52 UTC
From: barry@garion.it.com.au
Message-ID: <2li44o$6tn@garion.it.com.au>
Source record: 276466
Cross-posted to: alt.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.cb,alt.radio.pirate

[The original had the date back to front]

This week Spectrum takes to the road. We will be broadcasting live from
the Winter Swl Fest in Kulpsville Pennsylvania. Everyone who is anyone
in the communications hobbyist community will be on hand. If you can
make it we would love to shake your hand. If you can't join in on the
fun in person, you can listen to our live broadcast at the usual times
and frequencies. See you at the Winter Swl Fest '94.
--
Spectrum airs live Sunday at 0300 UTC (2200 EST Saturday) on:

WWCR, 5810 KHz, Nashville, TN (World Wide)
WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
KHNC, 1360 AM, Denver, CO (Denver Area)
Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)

Spectrum is rebroadcast:

Sunday at 1500 EST, on WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
Monday at 0400 UTC (2300 EST Sunday),
on WWCR, 7435 KHz, Nashville, TN (World Wide)

--
Spectrum, "The Communications Magazine You Read With Your Ears."
Box 722, Holmdel, NJ, 07733-0722, USA
spectrum@overleaf.com, askspectrum@attmail.com, spectrumshow@genie.geis.com
+1 800-787-SPECTRUM, +1 908-671-4209

1659. Re: Antenna problem SOLVED!

Newsgroup: rec.radio.scanner
Date: 1994-03-08 17:30:59 UTC
From: rbishop@oasys.dt.navy.mil
Message-ID: <2licojINNmq9@oasys.dt.navy.mil>
Source record: 276467
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Jimmy:

I tried to E-mail you but it bounced so here's my letter in a post.

In rec.radio.scanner, PhillipsJ@redstone-emh2.army.mil (Jimmy Phillips) writes:

>I noticed that you were using a BC55XLT, do you know of any modifications
>that could be made to it. Thanks for any help.

Jimmy:

Sorry I've never heard of any modifications for 55XLT's. I imagine that
mods might be hard to do as I can't count the number of times (not
intentional) that my '55 has fallen off of a passenger car window ledge
to crash loudly onto the tile floor of an excursion or tourist line
coach (not nice carpets like Amtrak). The radio must be like a brick
inside. Mine still works great.

Bob Bishop

Robert H Bishop Phone 301-227-1218
David Taylor Model Basin FAX 301-227-2654
CDNSWC Code 5051 _ _
Washington DC 20084-5000 "I ( ) my Z-248"
\ /

1660. Re: What to buy before April?

Newsgroup: rec.radio.scanner
Date: 1994-03-08 18:16:08 UTC
From: post@130.162.65.80
Message-ID: <post-080394131609@132.226.102.82>
Source record: 276468

I am very interested in purchasing an AOOR Model 1000XLT! What would be the best sources either mail order or near Pittsburgh area. Anyone's to help me?

--
Jim Post

1661. Re: cellular lock????

Newsgroup: rec.radio.scanner
Date: 1994-03-08 23:07:03 UTC
From: bmiller@landesk.intel.com
Message-ID: <2lj0en$jch@ornews.intel.com>
Source record: 276469

In article <CMD8p4.CC1@vcd.hp.com> damon@vcd.hp.com (Damon Schaefer) writes:
>: Has anyone heard of a device that will lock on
>: to one cellular phone conversation and follow that conversation from one cell
>: to another.
>
>... but
> THAT WOULD BE ILLEGAL!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
>

Maybe he's an FBI agent! Then it would be legit. Yea, that's it we'er
ALL FBI agents, in deep cover. No one knows of our existance.

I do my FBI supply shopping at Electronic Countermeasures Inc.
65 - 31 Avenue South West
Calgary, Alberta, Canada T2S 2Y7

you can send Bill a message at bill.fischer@t8000.cuc.ab.ca

I bet he's a secret agent too!

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1662. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-09 01:01:09 UTC
From: kbarger@cellar.org
Message-ID: <mcBwic2w164w@cellar.org>
Source record: 276470

s1312800@SANDCAST (AARON ROSSETTO) writes:

> The title says it all. I want to know the best police/ambulance/fire
> etc. call or scanner conversation you've ever heard.

Hmmm. Well, I once got this gem from Philadelphia International Airport
[paraphrased, but you get the idea]:

ATC: USAir Flight 927, you are cleared for landing.
Plane: Ummmmm, Tower, did you mean flight 1927?
ATC: Oh, yeah, sorry about that.

Another time the engineer of a train in Chester, PA had called police
because his train had hit something and he thought it might be a person but
wasn't sure. It turned out he had, but it took a while to find the guy.
[They had been on a bridge, and after being hit the man went over the side,
which is why they weren't sure what had happened.] In the mean time, the
police found a large teddy bear below the tracks and had speculated that
that was what the train hit. The following witty dialogue ensued:

Cop: Delcomm, subject is a brown stuffed bear, approximately three
feet in height.
Dispatcher: Roger, will the subject be requiring an ambulance?
Cop: Negative, this will be a DOA.

--
Kyle Barger
kbarger@cellar.org

1663. Re: Update on Cellular Data Decoding unit

Newsgroup: rec.radio.scanner
Date: 1994-03-09 01:41:05 UTC
From: mosby@cup.portal.com
Message-ID: <105854@cup.portal.com>
Source record: 276471

>The latest (February '94) issue of Nuts & Volts Magazines mentions the
>revision "D" of the "Cellular Surveillance Instrument" (CSI) reviewed
>in the August '93 issue. According to the article, the new CSI
>incorporates far more advanced electronics for signal processing and
>data decoding, and there is a *rumor* that additional software will
>eventually be available to allows the CSI hardware to decode various
>pager data formats as well as possibly unencrypted Motorola mobile
>data terminal (MDT) transmissions. Those are future possibilities,
>however.
>
>Eddy J. Gurney N8FPW Hewlett-Packard Company, Vancouver (USA!) Division
>egurney@vcd.hp.com #include <standard-disclaimer.h>
>"Failures are divided into two classes-- those who thought and never did,
> and those who did and never thought." John Charles Salak
>

OK, I don't write much to UseNet but I have a question. Is there such
a thing as a DTMF (Touch Tone) Decoder and what is the price and where
can I find one. I would like to use it on the audio out of my scanner.

Purpose? Well my girlfried uses a cordless A LOT and to check on credit
cards ect. I want to know if such a device exists! If so, then
perhaps in the future I can make her be alittle more reserved in the use
of the cordless. Show me proof, so I can ... adjust her attitude...

Email if you can mosby@cup.portal.com

1664. PRO-51

Newsgroup: rec.radio.scanner
Date: 1994-03-09 05:23:08 UTC
From: tim.bono@asb.com
Message-ID: <9403090523.A7240wk@asb.com>
Source record: 276476

Has anyone gotten ahold of the new PRO-51 handheld from Radio
Shack? Any reviews?

Thanks.

... Call the Metro Fire Rescue BBS, (516)488-4325, 8N1, up to 14400
___ Blue Wave/QWK v2.12

1665. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-09 06:27:32 UTC
From: craig@yonder.equinox.gen.nz
Message-ID: <H.eg.wqxZQ6gi7Pw@yonder.equinox.gen.nz>
Source record: 276472

In <1994Mar7.174448.15175@spartan.ac.BrockU.CA>, AARON ROSSETTO writes:
>The title says it all. I want to know the best police/ambulance/fire
>etc. call or scanner conversation you've ever heard.

That's illegal to do that... but what the hell, this isn't the best
i've heard, it was pretty good though... This afternoon I had the
scanner going at work (like I do every day) scanning Police,Fire, &
Ambulance. There was a call on the Police channel to go somewhere
to look for a guy that had just exposed himself to a girl. They gave
the car the usual description of a person then said "with a small
pecker" !!! (or something like that)... sounds like he wasted his
time exposing himself! :-)

Craig.
--
:: Craig Shore. Phone +64 3 385-6554 (Christchurch, New Zealand.) ::
:: (CraigS on IRC) ::

1666. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-09 06:37:41 UTC
From: dhz@crl.com
Message-ID: <2ljqrl$g3b@crl.crl.com>
Source record: 276473

AARON ROSSETTO (s1312800@SANDCAST) wrote:
>The title says it all. I want to know the best police/ambulance/fire
>etc. call or scanner conversation you've ever heard.

Just heard this last night. The local PD dispatched a unit to a house not far from mine for a father who had inadvertently handcuffed his daughter and did not have a key. Several interesting questions come to mind with this. No not that, like how do you inadvertently handcuff someone.

The best i think i have heard was on a friday night just as i was leaving work. I got in the car and turned on the scanner and a PD unit was running a license plate. The dispatcher came back and gave the description of the car and who it was registered to "RO is yoo hung lo" (not exact name but close) she then tried to spell it phonetically she got the first name before she lost it. The whole dispatch was "rotfl" and it ended up taking three dispatchers to get it done.

--
JIM SHRYNE |\\ || //==\\ ===\\ || || ====//
ARS N6DHZ ||\\ || || || || ||=|| //
COMPUSERVE 70621,247 || \\|| ||==\\ || || || || //
E-MAIL dhz@crl.com || \\| \\==|| ===// || || //====

1667. Tones heard on French two-way-radios.

Newsgroup: rec.radio.scanner
Date: 1994-03-09 12:51:11 UTC
From: esuvy@csv.warwick.ac.uk
Message-ID: <2lkgnv$q92@saffron.csv.warwick.ac.uk>
Source record: 276474

Has anyone heard those series of tones emitted by two-way radios in France?

When skiing in France, the lift-mechanics, ski instructors/guides carry with them radios to keep in contact with the main station.

Their radios emit a series of five or so tones within one second. These tones do NOT sound like DTFM tones. I was just wondering what they are for, i.e paging and is such equipment available for public use. (I have heard some French police carring such radios).

Cheers in advance,

Peter.

(esuvy@csv.warwick.ac.uk)

1668. What is a chapter 90 violation?

Newsgroup: rec.radio.scanner
Date: 1994-03-09 12:51:42 UTC
From: wmeranda@vnet.ibm.com
Message-ID: <CMEEE7.1s1s@sernews.raleigh.ibm.com>
Source record: 276475
Cross-posted to: rec.radio.scanner,alt.radio.scanner

When scanning the local police for Raleigh, NC I hear many calls classified as "possible chapter 90 violations". Listening to other information about these calls leads me to believe that it refers to drug dealing. Can anyone provide more information ? It would also be interesting (for me anyway) to know what 'chapter 90' refers to.

Wes Meranda

1669. Directory changes on World

Newsgroup: rec.radio.scanner
Date: 1994-03-09 13:50:43 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCMEH4K.1K5@netcom.com>
Source record: 276477
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

I have made some small changes to the directory structore on World
(ftp.std.com).

The following directories have been renamed as follows:

pub/hamradio/ARRL => pub/hamradio/arrl
pub/hamradio/BARC => pub/hamradio/barc
pub/hamradio/Incoming => pub/hamradio/incoming
pub/hamradio/General_Info => pub/hamradio/general-info

As a side note, there is now an satellite tracking program available for
Atari users. Check out pub/hamradio/atari/satellite/atari_sat-tracker.lzh

If you have any questions, comments, problems, or anything else, please
let me know.

73,
Scott

--
```
==============================================================================
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na |
|----------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - ftp.std.com pub/hamradio |
==============================================================================
```

1670. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-09 14:15:33 UTC
From: mtiernan@world.std.com
Message-ID: <CMEI9y.BuF@world.std.com>
Source record: 276478

One of my favorites so far was the local (VERY local) police
department getting sent to a noisy dog call:

Dispatcher: Car 6, go to <somestreet>, report of a barking dog.
Car 6: Okay, on my way.
<Time lapse>
C6: Car 6 to Base, everythings under control here.
D: What did the dog have to say for himself?
C6: Woof Woof!
D: Hmmmm.... Sounds like a troublemaker, are you bringin' him in?
C6: I don't know, do I have to 'cuff him if I do?
D: Yea, you know the rules.
C6: I know, I know.
D: And don't forget to read him his rights! We can get <Well
known single officer who's dating habits are subject of
a city joke> to interpret if needed, he know's the
language pretty well I understand.

My other favorite scanner treasure was a local neighbor on her cordless
who used to call her hubby a work and tell him all the things she was
doing to herself while wishing it was him. I almost forgot to not take
the scanner into the shower with me once! ;>
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

1671. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-09 14:16:30 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Mar9.141630.15517@rsg1.er.usgs.gov>
Source record: 276479

I was out with a buddy one night and for some reason (innocent REALLY) the police were looking for us. We heard them anxiously run the plate with the obvious intent of heading us off at my house. They were not too happy when my address came back as a Post Office Box...

Another time, during homecoming at college we heard about a scuffle in an alley. We went down the alley just in time to get several pictures of the police beating a student who was handcuffed. We got away and later put one of the pictures on the front page of the student paper. The police came to get the negatives, but the darndest thing had happened - a cigarette had burned the negatives...

Yet another time, a friend and I were on the interstate cresting a hill in the left lane when we heard a police call saying that a truck was cresting the same hill going the wrong way at a high rate of speed. I swerved over to the right shoulder and missed the truck by a few feet. The guy continued on and ran over a highway worker. Turns out he was in diabetic shock...

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

1672. Scanning problem (46MHz)

Newsgroup: rec.radio.scanner
Date: 1994-03-09 15:06:57 UTC
From: zenith89@bnr.ca
Message-ID: <2lkomh$l16@bmerha64.bnr.ca>
Source record: 276480

Can we get away from frequency lists and mod requests
for a moment? I have a minor cordless phone scanning problem in
my neighorhood for which I hope I can get some advice from this
group.

I use a PRO 2006 and PRO 43 to scan the 46 MHz range. Sometimes
there is a "carrier" on 46.970. That is, there is a signal that
the scanner stops on that contains no modulation -- just a very
quiet hiss. I know that this is not an internal malfunction of
any of the scanners because both receive it. By the way I have
a solution: with the PRO 2006, enabling "sound squelch" from
the front panel makes the unit skip over this signal nicely. If
a phone does start on 46.970 then the 2006 will stop, because
now there is modulation (thanks GRE!).

This signal will often appear for days and then vanish for a
few more and then return. Sometimes it is only present for a
few hours and at other times 24 hours a day.

Here are my theories ...

Electrical noise ...
Possible. I live about 1 block away from a huge hospital,
which, in addition to providing some good scanner action
(security etc.), emits a lot of RF noise.

Cordless phone left off hook ...
Possible (happens often enough), but unlikely as there is
no background noise and the signal this week has been
present for some 120 hours ... the batteries on a cordless
phone handset would be dead by now.

Idiot transmitting signal to stop scanner users from monitoring
that frequency ...
Possible, but improbable. Ineffective too.

Cordless phone malfunction ...
Could a cordless phone base malfunction such that a signal
would always be transmitted even if the base unit is not
being used to make a call? That is, could a base unit be
busted in such a way that it is forgetting to "turn off"
it's transmitter?

Digital signal?
At first I thought so because there was a lot of hissing on
this signal. However I attached a longer antenna to the 2006
and this really cleaned up the signal ... very little hissing

now.

Other ?????
???????????????

What do you guys think?

...CPV

1673. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-09 16:44:04 UTC
From: bmiller@landesk.intel.com
Message-ID: <2lkuck$slq@ornews.intel.com>
Source record: 276481

One of the more humorous calls I heard was in San Jose. The call went out to PD and fire. A man had run himself over with his ice cream truck. No one was able to figure out how he did it. Turns out he only sustained an ankle injury. -okay so maybe you had to hear it. It's usually the tone of voice that makes it funny. You can tell when they deviate from their routine monotone voice.

Another one I heard the same day was a major hit and run accident, but they found the front license plate at the scene that the offending vehicle had left behind. OOOPS! THey didn't have any trouble finding the guy.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1674. Re: What is a chapter 90 violation?

Newsgroup: rec.radio.scanner
Date: 1994-03-09 16:55:37 UTC
From: bmiller@landesk.intel.com
Message-ID: <2lkv29$svc@ornews.intel.com>
Source record: 276482
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <CMEEE7.1s1s@sernews.raleigh.ibm.com> wmeranda@vnet.ibm.com (Wes Meranda) writes:
>When scanning the local police for Raleigh, NC I hear many calls
>classified as "possible chapter 90 violations". Listening to other
>information about these calls leads me to believe that it refers to
>drug dealing. Can anyone provide more information ? It would also
>be interesting (for me anyway) to know what 'chapter 90' refers
>to.
>
>
>Wes Meranda
>

Chapter 90 probably refers to a section of the state law books that detail
drug & narcotics violations. YOu could probably find these books at a library
or law library. In San Jose they call it 11-3 which is section 113xx section
of the penal code. It is rare for PD to refer to the exact violations because
there are almost always multiple infractions (i.e. using, dealing, carrying etc. so they
just refer to all drug violations with a single term like chapter 90
of 11-3 or whatever.

--
Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1675. Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-09 18:03:00 UTC
From: mario.campos@cld9.com
Message-ID: <7.3456.2202.0N5C4462@cld9.com>
Source record: 276483

Quoting S1312800@SANDCAST to ALL concerning Best call you've heard:

S1>The title says it all. I want to know the best police/ambulance/fire
S1>etc. call or scanner conversation you've ever heard.

A couple of weeks ago a car was stolen in King City, CA. The car was spotted by a Sheriff's car headed north on HWY 101, about 40 miles away, in Salinas, CA. The chase was on by sheriff's deputies at 75-100 mph. All kinds of police got in on the chase as they headed towards San Jose about 60 miles away.

They called the HWY Patrol, San Jose police, etc. The chase went on for about an hour. The TV news stations even got in on the chase as the news footage on the local channels that evening was one of the highlights. In fact, the police chase cars had some of the other sheriff's cars stop the news team from interfering with the pursuit!

Well, I thought that they would set up a road block in a remote area between Salinas and San Jose but that didn't happen. The pursuit continued into San Jose. Will the local police with the aid of the CHP, sheriff's deputies, and pursuing vehicles get them now as they approach and enter the city? What kind of blockade will be installed, etc.?

No blockade was set up. Apparently, the driver and passengers knew their way around the area. They drove into the city, lost the police on the freeway and abandoned the car in the downtown business area of San Jose! The police don't have a clue, to this day, as to the driver and passenger's whereabouts! The car, a Camaro, was returned to its owner with an extra 120+ hi-speed miles on its odometer.

Needless to say, I'm sure, the procedures in apprehending stolen vehicles during a chase will be reviewed in depth after this incident.

Message written at 11:59am, on Wednesday, March 9, 1994.

• [R2.00o] • Usenet • Nitelog BBS • Monterey CA • 408-655-1096

1676. Re: Where to buy scanners -- Help !!!!!

Newsgroup: rec.radio.scanner
Date: 1994-03-09 20:37:29 UTC
From: ai456@yfn.ysu.edu
Message-ID: <2llc29$oqr@news.ysu.edu>
Source record: 276484

In a previous article, post@130.162.65.80 (James C. Post) says:

>I am looking to buy a rather top end hand-held scanner before the April
>cutoff for monitoring cordless and possibly ???????? phones in addition to
>other misc radio transmissions. I am only a casual observer of the hobby,
>but would like to be more involved. I think possibly I would like the AOR
>1000XLT or Icom R1 but I am open to suggestions.
>
>My problem is that I do not have either a mail order or local (Pittsburgh)
>source for this purchase. Can anyone help me out?

Many people think the ICOM R-1 is a bad "scanner", I have to agree. It has
great bandwith (100Khz-1300Mhz, continuosly) but only 100 memory channels for
this freqency range??? Also, people say it doesn't receive that well
(RFI problems, intermodulation, ect). If I was looking for a handheld I
would consider the AR1000XLT commincations receiver with 1000 memory channels
(stored in EEPROM all your freqs will be kept permentaly in the EEPROM when
the battery is taken out of the radio). A few have said this radio
works best in unpopulated areas and is noisey in the city, however, a switch
setting for the AR1000XLT will limit some of the city noise they have talked
about. Tucker Electronics has a free catalog (800-527-4642, Dallas, TX) ask
for Electronics/radio catalog. They sell two different models of the AR100XLT
the regular for $419, and the Single Side Band Receiver for $459.

BTW, Tucker also sells Sigma Discone antennas, Scanner preamps, and books (like
The Scanner Modifaction Handbook Volumes 1&2), HT, HAM, and Shortwave radios..
I am sure if you look hard enough you can get better prices, maybe from Scanner
World than Tucker..
--
Paul S. Troutman "Ladies and gentlemen, if I can pass along
ai456@yfn.ysu.edu one word of advice to you, as you pursue
your weekend leisure activities:
STOP BENDIN' THE SHAFT!" - L.N.W.D.L.

1677. WORST call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-09 20:57:52 UTC
From: amullick@vaxc.stevens-tech.edu
Message-ID: <1994Mar9.155752.1@vaxc.stevens-tech.edu>
Source record: 276485

Well, since we've had the best of scanning, how about the worst?
What's the most annoying this about the scanning/monitoring hobby in your opinion? Somebody mentioned a neighbor with an out-of-band cordless phone, or there is the infamous pagers--but I interesetd more in the people you listen to.

For example, my biggest annoyance is the agency that shares the frequency of our campus police. While I accept that a PRO-43 has no way to decode CTCSS tones and break squelch accordingly, that is not the problem. Many other frequencies I listen to have multiple users, and I can live with that.

The problem is that this agency (it seems to be a private security company) has what must be worst training in radio use imaginable. For example, just about every transmission has the format of
Blue-34 K recieved K enroute K 42nd St K OK? K copy? K ...

Some of their people understand that "K" means "switch to send" but most use K after every single word they speak.

The other thing that bothers me is the fact that this company spends 10 minutes, every shift, to assign meal times and to number the units in the field--after they've already held a face-to-face roll call in their offices. Then they the spend 5 minutes going from post to post making sure that the PSOs are where they belong, a process which is repeating every 15-20 minutes.

BTW, anyone who has a list of the FCC database for NYC, their call sign is something like WQFB363 and they operate on 464.475 MHz. Could you tell me who they are?

Apu.....AMULLICK@vaxc.stevens-tech.edu
WARNING: I DISCRIMINATE
E-mail is dealt with immediately;
Snail mail, if I have nothing to do (never) or I'm bored (sometimes)

1678. Re: DTMF decoder (w/RAM)

Newsgroup: rec.radio.scanner
Date: 1994-03-09 21:12:59 UTC
From: n1ist@netcom.com
Message-ID: <n1istCMF1Lo.B6p@netcom.com>
Source record: 276486

[Looking for a DTMF decoder with memory]

Why not take an SSI-202 and connect it to a PC's printer port? 4 data bits
to the four status lines, strobe to ATTN, and either poll it or enable
the interrupt and have a TSR store the data. Just one chip (and a little
software)
/mike

--
\|/ Michael L. Ardai N1IST Teradyne ATG Boston
--- --
/|\ ardai@maven.dnet.teradyne.com n1ist@netcom.com

1679. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-09 22:21:38 UTC
From: reid@ucs.indiana.edu
Message-ID: <reid.659.763251698@ucs.indiana.edu>
Source record: 276487

Dispatcher: "...Code 3!"

Mobile unit (with fake accent): "But Captain, the Klingons have broken Code 3!"

--

Frank reid@ucs.indiana.edu W9MKV

1680. Re: All scanners have such poor UI?

Newsgroup: rec.radio.scanner
Date: 1994-03-10 01:59:22 UTC
From: copeland@metronet.com
Message-ID: <CMFEuz.Et2@metronet.com>
Source record: 276488

In article <1994Mar9.155117.29053@emr1.emr.ca>,
Jeff Brinskelle <brinskel@emr1.emr.ca> wrote:
>I bought a pro43 last week and am pretty happy with the scanning
>/electronics capability of it. BUT, what is it with these
>small and poorly placed buttons? I can't believe they could
>sell something in this price range and literally be 10 or
>20 years out of touch with User Interfaces. I've looked at
>other models in radio shack and their all just as bad.

I think its the trend. Have you ever seen a R1? That thing is so tiny
I couldn't believe it! 1 1/2" wide, 3" tall, 1" deep.

1681. best thing heard on scanner

Newsgroup: rec.radio.scanner
Date: 1994-03-10 03:34:00 UTC
From: David Simon <David.Simon@mixcom.mixcom.com>
Message-ID: <1994Mar10.033400.28583@mixcom.mixcom.com>
Source record: 276489

Hello all
I have heard several interesting things on my scanner, but I think one of
the best happened just year.
This Milwaukee Police officer was in pursuit of a suspect in his squad car.
All of a sudden there was no communication between dispatch and the squad.
Finally after a minute or two of the dispatcher calling out the squad number
(297-R) the officer came back on and indicated that he just rolled his squad
over and needed assistance in a big way!!!

David Simon

--
David.Simon@mixcom.com
Do you know Dave? Everyone knows Dave...Get to know Dave!!!!

1682. best radio call (Cont.)

Newsgroup: rec.radio.scanner
Date: 1994-03-10 03:46:44 UTC
From: David Simon <David.Simon@mixcom.mixcom.com>
Message-ID: <1994Mar10.034644.29155@mixcom.mixcom.com>
Source record: 276490

Hello again
I just thought of another funny scanner moment
One night a sheriff's deputy pulled some guy over who was a Chicago Police officer. I missed some of the conversation but the deputy was getting in over his head so he called the sector-supervisor.
The deputy then asked the supervisor various questions about something special about this person, mainly cause he was a chicago cop I guess.
But this part of the conversation I did get. (so-so scanner at the time)
Deputy: Oh, one more thing. What should I do with the shotgun?

Sector-supervisor: (after a moment of dead air) I wish you wouldnt ask me these questions over the air!!

Talk to you later
David

--
David.Simon@mixcom.com
Do you know Dave? Everyone knows Dave...Get to know Dave!!!!

1683. Icom R-7100 Opinions?

Newsgroup: rec.radio.scanner
Date: 1994-03-10 04:14:12 UTC
From: philscott@delphi.com
Message-ID: <JW0qXj8.philscott@delphi.com>
Source record: 276491

Am considering purchase of an Icom R-7100 to use w/ computer control
for listening to general VHF/UHF scanner freqs and searching out new freqs.
Also want to use to decode NOAA images from satellites in the 137-138Mhz

with experience with this rig and any computer-control packages for it.
Best place to send mail is to pscott@wellfleet.com or respond here.
Thanks...suggestions on decoders for NOAA images welcome too- have
AEA FAX now. Bye

1684. Re: WORST call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-10 06:00:17 UTC
From: dhz@crl.com
Message-ID: <2lmd1h$ee7@crl.crl.com>
Source record: 276492

amullick@vaxc.stevens-tech.edu wrote:

>BTW, anyone who has a list of the FCC database for NYC, their call sign is
>something like WQFB363 and they operate on 464.475 MHz. Could you tell me
>who they are?

you can telnet tcomeng.com login fcc

they have an fcc license database for the using. i tried the wqfb363 and
got nothing. did not try thr freq as they probably have lots of lic users
for it. although you could probably figure it from the freq. note also
that callsigns need to be typed in upper case to work. good hunting.

--
JIM SHRYNE |\\ || //==\\ ===\\ || || ====//
ARS N6DHZ ||\\ || || || || ||=|| //
COMPUSERVE 70621,247 || \\|| ||==\\ || || || || //
E-MAIL dhz@crl.com || \\| \\==|| ===// || || //====

1685. Re: Update on Cellular Data Decoding unit

Newsgroup: rec.radio.scanner
Date: 1994-03-10 07:20:49 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Mar10.072049.25318@hpcvaac.cv.hp.com>
Source record: 276493

mosby@cup.portal.com (maurice vernon spear) writes:
: OK, I don't write much to UseNet but I have a question. Is there such
: a thing as a DTMF (Touch Tone) Decoder and what is the price and where
: can I find one. I would like to use it on the audio out of my scanner.

Yes, there are a number of places that sell such a unit.

: Purpose? Well my girlfried uses a cordless A LOT and to check on credit
: cards ect. I want to know if such a device exists! If so, then
: perhaps in the future I can make her be alittle more reserved in the use
: of the cordless. Show me proof, so I can ... adjust her attitude...

You can also do that by simply recording her call. Then experiment with
your own phone - to match the tones from her call.

Bill

1686. Re: WORST call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-10 09:20:16 UTC
From: rwilkins@ccnet.com
Message-ID: <2lmoog$1e1@ccnet.ccnet.com>
Source record: 276494

James Shryne (dhz@crl.com) wrote:
: amullick@vaxc.stevens-tech.edu wrote:

: >BTW, anyone who has a list of the FCC database for NYC, their call sign is
: >something like WQFB363 and they operate on 464.475 MHz. Could you tell me
: >who they are?

: you can telnet tcomeng.com login fcc

: they have an fcc license database for the using. i tried the wqfb363 and
: got nothing. did not try thr freq as they probably have lots of lic users
: for it. although you could probably figure it from the freq. note also
: that callsigns need to be typed in upper case to work. good hunting.

The database only contains licence data for repeater or base stations in
California. The USA database of mobile-only and portable licences is also
included. A great resource for the west coast ... not much help east of
the Sierra.

: --
: JIM SHRYNE |\\ || //==\\ ===\\ || || ====//
: ARS N6DHZ ||\\ || || || || ||=|| //
: COMPUSERVE 70621,247 || \\|| ||==\\ || || || || //
: E-MAIL dhz@crl.com || \\| \\==|| ===// || || //====

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.usa.noam

1687. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-10 10:19:01 UTC
From: caliban@soda.berkeley.edu
Message-ID: <caliban.763294741@soda>
Source record: 276495

i heard a funny one tonight- the dispatcher was trying
to explain that the shots fired were coming from a
car because the r.p. had mentioned the doppler effect.
trouble is, the dispatcher did not know what the doppler
efffect is called nor how to explain it very well.
meanwhile the car is presumably still driving, firing,
and the pitch kept changing.

also, there is a guy in my neighborhood (the castro)
who cruises for men on a one-to-one (also buliten
board) gay sex line. he calls the number very late
at night, after 2am, and stays on for hours, going
from one guy the next, 'getting off on the fone,'
until he finds one he would like to see in person
and then they arrange it. usually on friday and
saturday nights.

cali

1688. Re: WORST call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-10 10:38:29 UTC
From: ai456@yfn.ysu.edu
Message-ID: <2lmtb5$53f@news.ysu.edu>
Source record: 276496

>James Shryne (dhz@crl.com) wrote:
>: amullick@vaxc.stevens-tech.edu wrote:
>
>: >BTW, anyone who has a list of the FCC database for NYC, their call sign is
>: >something like WQFB363 and they operate on 464.475 MHz. Could you tell me
>: >who they are?
>
>: you can telnet tcomeng.com login fcc
>
>: they have an fcc license database for the using. i tried the wqfb363 and
>: got nothing. did not try thr freq as they probably have lots of lic users
>: for it. although you could probably figure it from the freq. note also
>: that callsigns need to be typed in upper case to work. good hunting.

If you can provide me with the EXACT callsign, I will be able to find it.
"WBFQ363" does not exist. Telnet to "callsign.cs.buffalo.edu 2000" to
find any other callsign.

Here is a good example:
>: --
>: JIM SHRYNE |\\ || //==\\ ===\\ || || ====//
>: ARS N6DHZ ||\\ || || || || ||=|| //
>: COMPUSERVE 70621,247 || \\|| ||==\\ || || || || //
>: E-MAIL dhz@crl.com || \\| \\==|| ===// || || //====

from Callsign:
James Shryne
Technician class
lives in Califorinia

--
Paul S. Troutman "Ladies and gentlemen, if I can pass along
ai456@yfn.ysu.edu one word of advice to you, as you pursue
your weekend leisure activities:
STOP BENDIN' THE SHAFT!" - L.N.W.D.L.

1689. Frequencies for Langley AFB and NAS Oceana

Newsgroup: rec.radio.scanner
Date: 1994-03-10 11:55:45 UTC
From: jembry@monitor.win.net
Message-ID: <27@monitor.win.net>
Source record: 276497

Just reported to the Norfolk area and I am looking for any Military
air frequencies for NAS Oceana and Langley Air Force Base. Any
idea where I may locate them.

Thanks

JO1 Jeff Embry INTERNET: jembry@monitor.win.net
Public Affairs Office
USS Enterprise (CVN-65)
FPO AE 09543-1906

1690. Re: RS Pro-34 for SALE

Newsgroup: rec.radio.scanner
Date: 1994-03-10 13:17:31 UTC
From: mutter@umcc.umcc.umich.edu
Message-ID: <2ln6lb$f31@umcc.umcc.umich.edu>
Source record: 276498

In article <horak.763157488@convex.com>, David Horak <horak@convex.com>
wrote:
>
>I bought mine brand new for $229 (on sale) 3 or 4 years ago. It's pretty
>outdated now.
>
>David

Outdated? How did this scanner become outdated? I have the same one,
and in comparing it to friends' newer Uniden and Radio Shack scanners,
I feel absolutely no urge to replace it.

I would agree that the $299 reference price is off base, if that is
what you were referring to.

Mark

1691. Re: WORST call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-10 13:19:59 UTC
From: hymowitz@fermat.cs.jhu.edu
Message-ID: <2ln6pv$8vi@blaze.cs.jhu.edu>
Source record: 276499

and lo, there was much rejoicing among the people, as
dhz@crl.com (James Shryne) writes:
>amullick@vaxc.stevens-tech.edu wrote:
>
>>BTW, anyone who has a list of the FCC database for NYC, their call sign is
>>something like WQFB363 and they operate on 464.475 MHz. Could you tell me
>>who they are?
>
>you can telnet tcomeng.com login fcc
>
>they have an fcc license database for the using. i tried the wqfb363 and

correction - they have an fcc database for the state of california.

--hymie hymowitz@cs.jhu.edu
GCS d+(--)@ -p+ c++(+++) l++ u++ e+ m+(++) s/--- n-/-- h- f+(-) g+ w++ t+ !r y+

There is no 'try.' Only 'do.' Or do not. --Yoda

1692. Re: WORST call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-10 13:50:28 UTC
From: mtiernan@world.std.com
Message-ID: <CMGBs5.KIn@world.std.com>
Source record: 276500

<amullick@vaxc.stevens-tech.edu> wrote:
> Well, since we've had the best of scanning, how about the worst?

Ok, this one I'll enjoy, the North Andover MA Fire Department.
EVERY SINGLE STINKIN' MORNING AT 6AM they do a radio check with
about 20 other fire departments in the area! And if they don't
get a response, they retry it then call them! Then just to make
sure it worked, they do it again at about 8pm! Sooooo darned
annoying! What's funny is that some of the other stations have
taken to sarcasm in their responses and the N. Andover folks
DON'T SEEM TO NOTICE! :)

Before I catch heck for this, I don't think it is bad to do the
radio checks, just that if no one else deems it important or
needed to do so, why pester and annoy everyone on a daily basis.
Maybe weekly would be a good time to do it?
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

1693. Re: WORST call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-10 14:15:28 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2lna20$jn0@slinky.cs.nyu.edu>
Source record: 276501

|> What's the most annoying this about the scanning/monitoring hobby in your
|> opinion?

Most of my annoyances come from NJSP. They change their control channel around midnight most nights, so I can't leave it on when I go to sleep.

My 2005 can't isolate subgroups in the trunked system. Lots of times, units don't identify the roadway they are on, just the milemarker because subgroup::roadway == 1::1 for a few major roadways. Sometimes they identify routes 78 and 80, but you never know which road they're on when the complete location identifier is 78.3 NSX. With other identifiers being SNL, SNX, SNE, NSO, you would think L means Local lanes on Route 78, X for eXpress, E for Eastbound (after the local and express lanes join together) and W for Westbound in the same area. O could mean "outers" and I "inners" as there are inner and outer lanes on the NJ Turnpike. Maybe I'm onto something here... But why use NS or SN-anything on Routes 78 and 80? They are east-west roadways (end in even numbers, remember!)

In any case, I hear calls from the northern third of the state with the next call coming from God-knows-where.

A couple nights ago, they actually changed the control channel three times in a row at *fifteen minute* intervals, which of course, requires unlocking the previous control channel and locking out the new one. No fun when you've got one bank for two trunk sets totalling twenty channels with two control channels, in addition to other supporting freqs.

And finally, not all antenna locations broadcast all transmissions. As I'm following a conversation through the hops, the reception quality varies with every channel. Very annoying, especially when the conversation goes like this: "345 to 3-Com, get me some backup out here, I've got a.. hold on" [channel hop] "I've got a sssssccccchhhhhhhhhhhhhhhh" [channel hops because the squelch killed it and I didn't have delay on] 3-Com: "received 345. 328 did you receive that?" at which point I usually yell at the scanner, "No!" [channel hop] 328: "that's affirm, 3-Com, I'll be there shortly."

Grrr.

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

1694. Re: Best Pro43 price

Newsgroup: rec.radio.scanner
Date: 1994-03-10 15:22:46 UTC
From: post@130.162.65.80
Message-ID: <post-100394102247@132.226.102.82>
Source record: 276502

In article <2li678$2tk@ornews.intel.com>, bmiller@landesk.intel.com (Brett Miller - Support Engineer) wrote:

> Can someone tell me if there is a better (cheaper) place to buy the Pro-43
> than Marymac? Their price in Jan MT mag is $288.
>
> Thanks. Are all 43's still modifiable?
>
>
> --
> Brett Miller N7OLQ E-mail: brett_miller@ccm.hf.intel.com
> Intel Corp.
> American Fork, UT

Brett,

I have read alot of you stuff in this group and would appreciate your help. I am looking to learn more about scanners and would like to purchase a "good" one before April.

Since you seem so knowledgable, could you tell me what Marymac is and what MT mag is and possibly give me a few mail order sources for scanners? I am thinking possibly of the AOR 1000XLT, but open to suggestions. I have posted requests before but have not recieved any help from anyone.

H E L P !!!!

--
Jim Post

1695. London Based Scanner Users. Flying Eye Freq.

Newsgroup: rec.radio.scanner
Date: 1994-03-10 15:23:00 UTC
From: stuart.mcmurtrie@portofc.org
Message-ID: <667.487.uupcb@portofc.org>
Source record: 276503

Tune to 455.075 NFM.
Eves start at 17:00 till 19:00.
Its the freq that the studio talk to the Flying eye over London.

It is also on in the morning.

1696. Re: WORST call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-10 17:35:35 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Mar10.173535.9754@alw.nih.gov>
Source record: 276504

James Shryne (dhz@crl.com) wrote:

: you can telnet tcomeng.com login fcc

: they have an fcc license database for the using. i tried the wqfb363 and

Unless I'm mistaken, that's almost entirely California.

-_Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

1697. FCC and the Pocket-Phone Industry

Newsgroup: rec.radio.scanner
Date: 1994-03-10 19:46:23 UTC
From: lhaston@nyx10.cs.du.edu
Message-ID: <1994Mar10.194623.13887@mnemosyne.cs.du.edu>
Source record: 276505
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In Wednesday's (March 9) issue of the Wall Street Journal, the following article appeared on page B6, "FFC Votes to Provide Airwaves For New Pocket-Phone Industry" by Mary Lu Carnevale.

"The Federal Communications Commission, voting to clear the way for a new pocket-phone industry, gave the boot to police, fire and emergency medical systems from a portion of the airwaves."

The cleared airwaves will be auctioned off for so-called personal-communications services, including pocket telephones.

Safety agencies currently using microwave systems will have five years to install equipment that uses fiber-optic links or operates at a higher frequency.

The frequencies are not given in the article, so if anyone knows any more about this, please post.

I have scanned the article and I will email it to anyone that is interested. Contact me at haston@hap.arnold.af.mil.

--
Lyndon Haston It's my opinion . . .
haston@hap.arnold.af.mil everybody's got one.
Calspan Corp.
Arnold AFB TN

1698. Bait money frequency?

Newsgroup: rec.radio.scanner
Date: 1994-03-10 20:13:47 UTC
From: rob1@netcom.com
Message-ID: <rob1CMGtIz.nz@netcom.com>
Source record: 276506

Hi every one.
I am new to this news group, so I hope this
isn't a FAQ.
In my area, Sacramento, the banks put a transmitter,
called the Signal 1000 by the sheriff's department, in with
the money that they give to bank robbers. Then, of course,
the police can direction find right to it. The name of the
device, I think, is a local name, but the frequency that it
uses, I believe, is a national standard frequency. Does
anyone know this frequency. I think it is arround 220 MHz.

Thanks in advance - Rob.

1699. Re: Frequencies for Langley AFB and NAS Oceana

Newsgroup: rec.radio.scanner
Date: 1994-03-10 20:20:07 UTC
From: mekkes@batcave.larc.nasa.gov
Message-ID: <9403101829.AA25594@batcave.larc.nasa.gov>
Source record: 276507

In article <27@monitor.win.net>
jembry@monitor.win.net (Jeff Embry) writes:

++> Just reported to the Norfolk area and I am looking for any Military
++> air frequencies for NAS Oceana and Langley Air Force Base. Any
++> idea where I may locate them.

I may be able to get "THE LIST" from a friend in a couple days,
but here's a few to get you pointed in the right direction.
Note these are VHF only, none of the UHF freq's.

NAS Oceana:
126.2 Tower
119.6 Approach

NAS Norfolk - Chambers Field:
118.425 ATIS
120.7 Clearance Delivery
121.8 Ground
124.3 Tower
119.2 GCA
120.2 GCA secondary freq
126.375 Heliport Tower

Langley AFB:
118.85 Clearance Delivery
121.7 Ground
125.0 Tower
126.7 GCA

Listening to these frequencies you will always here the controller
side of the conversation (assuming that proximity, antenna, etc. are
not a problem). After listening for a while you will here
the controller tell the aircraft to "contact tower XXX.X" for exemple,
then you have that UHF frequency. You can also on occasion hear handoffs
like this from Norfolk Approach, usually on 118.9. I hope this is
useful information.

Greg Mekkes
mekkes@batcave.larc.nasa.gov

1700. Re: WORST call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-10 20:55:37 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Mar10.205537.14533@alw.nih.gov>
Source record: 276508

Paul S. Troutman (ai456@yfn.ysu.edu) wrote:

: If you can provide me with the EXACT callsign, I will be able to find it.
: "WBFQ363" does not exist. Telnet to "callsign.cs.buffalo.edu 2000" to
: find any other callsign.

Are you sure that that isn't just AMATEUR callsigns. I don't find a lot of
other agencies' callsigns either.

-_Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

1701. Problem: Cordless scanning!

Newsgroup: rec.radio.scanner
Date: 1994-03-10 22:23:52 UTC
From: brosencr@cwis.unomaha.edu
Message-ID: <1994Mar10.222352.26542@news.unomaha.edu>
Source record: 276509

Scanners-

My friend and I each have a BC200xlt. We both have the same frequecies and such in our scanners. We both have them restored for cellular. The thing is: I can never pick up cordless phones! True, I can always pick it up when I am using my own(phone), but never anywhere else. At his place he can always get some activity. We both scan the same freq.'s also.(46.610-47.000) and (49.000-50.000).

Is it possible that he just lives around tons of people who use cordless? Is there a better antenna out there for people like me who enjoy cordless? Any suggestions would be appreciated.

Brent(brosencr@cwis.unomaha.edu.)

1702. Re: WORST call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-11 00:37:15 UTC
From: amullick@vaxc.stevens-tech.edu
Message-ID: <1994Mar10.193715.1@vaxc.stevens-tech.edu>
Source record: 276510

In article <2lmtb5$53f@news.ysu.edu>,
ai456@yfn.ysu.edu (Paul S. Troutman) writes:
>
>>James Shryne (dhz@crl.com) wrote:
>>: amullick@vaxc.stevens-tech.edu wrote:
>>
>>: >BTW, anyone who has a list of the FCC database for NYC, their call sign is
>>: >something like WQFB363 and they operate on 464.475 MHz. Could you tell me
>>: >who they are?
>>
>>: you can telnet tcomeng.com login fcc
>>: [...]
>>
> If you can provide me with the EXACT callsign, I will be able to find it.
> "WBFQ363" does not exist. Telnet to "callsign.cs.buffalo.edu 2000" to
> find any other callsign.

Thanks for trying guys, but as been noted, tcomeng doesn't cover New York
and callsign doesn't cover commercial operators.

Besides, it's WQFB363 not WBFQ363. :-}

Now, what's the most annoying thing in your scanning life???

Apu.....AMULLICK@vaxc.stevens-tech.edu
WARNING: I DISCRIMINATE
E-mail is dealt with immediately;
Snail mail, if I have nothing to do (never) or I'm bored (sometimes)

1703. Fort Myers Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-03-11 00:38:59 UTC
From: shaga61@ursa.calvin.edu
Message-ID: <CMH5t1.668@calvin.edu>
Source record: 276511

I will be traveling to Fort Myers next week and need frequencies for this area. If anyone could either post or mail these or Florida statewide frequencies, I would greatly appreciate it!!

Thanks!
Scott Haga
shaga61@calvin.edu

--
Scott

1704. NY State Freqs

Newsgroup: rec.radio.scanner
Date: 1994-03-11 03:02:08 UTC
From: ba06103@bingsuns.cc.binghamton.edu
Message-ID: <2lomvg$1h9@bingsuns.cc.binghamton.edu>
Source record: 276512
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In a previous article <2llkp2$qkb@slinky.cs.nyu.edu>,
jackson@longlast.cs.nyu.edu (Steven Jackson) typed the following:

<-=-> Just wanted to preempt a response on my request for LA freqs. I found a 500+k
<-=-> file on ftp.cs.buffalo.edu that has CA freqs in a delimited layout that
<-=-> will be perfect for use with my xBase at home.

Anyone have a similar file for NY State or know where I can
find it? Thanx!
--
/~We're_Tiny!_We're_Toony!-=/Tiny_Toons_Adventures\=-We're_Tiny!_We're_Toony!~\
: =- "Elelator Go Up! Elelator Go Down! Elelator Go Down The Hole!!" -= :
: -= "I Push The Buttons! You Don't Push The Buttons! I Push The Buttons!" =- :
\-Circles.Flowers.A.Smiling=|Death's_Dominion|=Guy.So.Many.Ways.To.Dot.An."I"-/

1705. FORSALE: BC200XLT Scanner

Newsgroup: rec.radio.scanner
Date: 1994-03-11 03:47:53 UTC
From: jason@mtu.edu
Message-ID: <2lopl9$9mr@cael11.me>
Source record: 276513
Cross-posted to: mtu.forsale,alt.radio.scanner,rec.radio.scanner,misc.forsale

```
Forsale:
Bearcat 200XLT Programmable Scanner
- 200 Programmable channels
- Weather Coverage
- Covers 800 MHz
- Three year Uniden extended warrenty on parts & service

Asking $180

I also have the celluar mods documentation for it if interested.

---jason

--
------------------------------------------------------------------------------
Jason Gilchrist jason@mtu.edu
Michigan Tech University Houghton, MI. USA
```

1706. OPINIONS: Bearcat 2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-03-11 04:03:50 UTC
From: mphillips@hpcvoab.cv.hp.com
Message-ID: <CMHFAF.1pv@hpcvsnz.cv.hp.com>
Source record: 276514

I would like some opinions about the Bearcat 2500 XLT.
I am new to scanning and was impressed with this model
at our local C.B. store. It was spendy $500.00 +. If this is
a wrong choice, recommendations would be appreciated.
I am not a regular reader of rec. radio scanner.
Thanks in advance.

1707. Re: TV WFM Freqs, Please

Newsgroup: rec.radio.scanner
Date: 1994-03-11 04:22:17 UTC
From: wyrick@dwbbs.nlbbs.com
Message-ID: <znr763359737k@dwbbs.nlbbs.com>
Source record: 276515

In article <2lgnbr$pom@lace.Colorado.EDU> r_egeland@cc.colorado.edu writes:

>
> Well, I had 'um at one time, but I've lost all my TV sound frequencies, and
> just bought an R1! Thanks to anyone who would post this info! (I know,
> I'm sure it's been done hundreds of times before, but at least not as many
> time as the Fast Food Freq. list that I see reposted EVERY DAY).
>
> ADVthanksANCE
> RDE
>

Channel Sound Subcarrier (Mhz)

2 59.75
3 65.75
4 71.75
5 81.75
6 87.75
7 179.75
8 185.75
9 191.75
10 197.75
11 203.75
12 209.75
13 215.75

SW

wyrick@dwbbs.nlbbs.com

1708. Re: OPINIONS: Bearcat 2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-03-11 08:34:26 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.4.00089330@ccm.hf.intel.com>
Source record: 276523

In article <CMHFAF.1pv@hpcvsnz.cv.hp.com> mphillips@hpcvoab.cv.hp.com (mike phillips) writes:
>Newsgroups: rec.radio.scanner
>Path: ornews.intel.com!ssd.intel.com!news.kei.com!eff!news.umbc.edu!europa.eng.gtefsd.com!howland.reston.ans.net!math.ohio-state.edu!sdd.hp.com!hp-cv!hp-pcd!hpcvsnz!news
>From: mphillips@hpcvoab.cv.hp.com (mike phillips)
>Subject: OPINIONS: Bearcat 2500XLT
>Sender: news@hpcvsnz.cv.hp.com (News)
>Message-ID: <CMHFAF.1pv@hpcvsnz.cv.hp.com>
>Date: Fri, 11 Mar 1994 04:03:50 GMT
>Organization: ICD, THA Group
>X-Newsreader: WinVN version 0.80
>Lines: 6

> I would like some opinions about the Bearcat 2500 XLT.
>I am new to scanning and was impressed with this model
>at our local C.B. store. It was spendy $500.00 +. If this is
>a wrong choice, recommendations would be appreciated.
>I am not a regular reader of rec. radio scanner.
>Thanks in advance.

It is a great radio but if you live in a city or very close to one, you will probably have a lot of problems with intermod. When I lived in south San Jose, CA, it had few intermod problems, but when I drove through downtown San Jose, it was terrible. Here in Utah, I have almost no intermod problems. As far as features, and freq. coverage, it blows away all the others (not counting the MVT-7100).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1709. Re: Problem: Cordless scanning!

Newsgroup: rec.radio.scanner
Date: 1994-03-11 09:58:09 UTC
From: phybs@mizzou1.missouri.edu
Message-ID: <phybs.26.0009F870@mizzou1.missouri.edu>
Source record: 276375

In article <1994Mar10.222352.26542@news.unomaha.edu> brosencr@cwis.unomaha.edu (BRENT JACK ROSENCRANS) writes:

> My friend and I each have a BC200xlt. We both have the same frequecies
>and such in our scanners. We both have them restored for cellular. The thing
>is: I can never pick up cordless phones! True, I can always pick it up
>when I am using my own(phone), but never anywhere else. At his place he
>can always get some activity. We both scan the same freq.'s also.(46.610-
>47.000) and (49.000-50.000).

> Is it possible that he just lives around tons of people who use
>cordless? Is there a better antenna out there for people like me who enjoy
>cordless? Any suggestions would be appreciated.

I used to have a BC200 and found that cordless phone reception was poor with the stock antenna. I could just barely pick up my neighbor. I now have a pro2022 and even with the stock ant the whole block comes in quite well, hooked to a roof antenna, range is even better (1/2 mile). You might try a different antenna, but there may be more to it than that with the BC200.

1710. Re: RS Pro-34 for SALE

Newsgroup: rec.radio.scanner
Date: 1994-03-11 13:44:20 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2lpsjk$8dn@slinky.cs.nyu.edu>
Source record: 276516

|> >I bought mine brand new for $229 (on sale) 3 or 4 years ago.
^^^^

|> Outdated? How did this scanner become outdated?

|> I would agree that the $299 reference price is off base...
^^^^

that's not what he said. yes, I'd react the same if I thought someone wanted
3 bills for a 34.

In any case, I only wanted to replace my Pro34 when I moved to New York City.
It suffers poorly from intermod in high rf areas. I don't think I'll buy any
more double conversion radios. I know, I know, double conversion and sensitivity
are different issues, but when manufacturer's produce triple conversion radios,
they *usually* step up the sensitivity and image rejection. Too bad GRE
approved the image dumping on the Pro43 in the railroad frequencies.
--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

1711. President's entourage freq's in Boston.

Newsgroup: rec.radio.scanner
Date: 1994-03-11 13:44:52 UTC
From: mtiernan@world.std.com
Message-ID: <CMI66s.7JJ@world.std.com>
Source record: 276517

Hey there! The President's husband is coming to Boston Monday
and I'm wondering if there's any list of good freqs to listen in
on. I'll be in range for medium to highpower stuff, none of the
really low power things (but others reading might be).

Any advice would be welcome.

Thanks folks.
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

1712. Re: Possible directional antenna

Newsgroup: rec.radio.scanner
Date: 1994-03-11 15:12:09 UTC
From: dino@cam.org
Message-ID: <dino-110394101209@dino.hip.cam.org>
Source record: 276518

In article <2lndlj$d1d@nntpd.lkg.dec.com>, gutzmer@bss.enet.dec.com ()
wrote:

>
>
>
> Is there a way to make a scanner antenna directional?
> Possibly one that you could buy from Radio Shack?
>
> Charlie

One type of broadband directional antenna you could build is a log periodic
for vhf and uhf, designs for these types can be found in amateur radio
publications from ARRL and others.

The construction of such an antenna is not hard, all you need is some metal
rods, pref. aluminum and a coax.

--
"""""""""""""""""""""""
| Dino Moriello """""""""""""""""""""""
| PO BOX 105 Internet: dino@CAM.ORG """""""""""""""""""""""
| Radisson,Quebec Compuserve: 76120,1472 Tel.: 514-974-0773 |
| CANADA J0Y 2X0 Packet: VE2DM@VE2FKB 819-638-8281 |
"""
Please E-mail replies since I can't always read the USENET postings.

1713. Re: Intro help, please!

Newsgroup: rec.radio.scanner
Date: 1994-03-11 15:21:39 UTC
From: phybs@mizzou1.missouri.edu
Message-ID: <phybs.27.000F5CE2@mizzou1.missouri.edu>
Source record: 276379

In article <2lqlcn$d34@news.doit.wisc.edu> buxton@bayou.chem.wisc.edu (Eric Buxton) writes:

>I am interested in buying a scanner ....

All these and more Q's will be answered by the text file (via anonymous ftp) intro_to_scanners at ftp.cs.buffalo.edu

1714. Re: PRO-51

Newsgroup: rec.radio.scanner
Date: 1994-03-11 15:34:37 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar11.103437.1@uoft02.utoledo.edu>
Source record: 276519
Cross-posted to: rec.radio.scanner,alt.radio.scanner

tim.bono@asb.com writes:

> Has anyone gotten ahold of the new PRO-51 handheld from Radio
> Shack? Any reviews?

No review here, but I did get a chance to play a little with the unit.

has service search for Fire, Marine, weather, and something else. Police was
NOT included.

has the usual amount of celluar images above 896 Mhz.

I could quickly tell this model was Uniden made, and the extensive amount of
celluar images confirmed it.

The unit seemed very light. Lighter than my 43, but didn't feel as solid.

Has a large display panel, with characters about as big as the Uniden 200XLT's.

Just some preliminary observations for the curious!!!

Later...

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1715. Re: Possible directional antenna

Newsgroup: rec.radio.scanner
Date: 1994-03-11 15:38:00 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar11.103800.1@uoft02.utoledo.edu>
Source record: 276520
Cross-posted to: rec.radio.scanner,alt.radio.scanner

gutzmer@bss.enet.dec.com () writes:

> Is there a way to make a scanner antenna directional?
> Possibly one that you could buy from Radio Shack?
>
> Charlie

Sure, there is usually a way to make an antenna directional.

Are you looking to buy a new antenna, modify one you already have? Where do
you want to mount the antenna? What frequency ranges are you interested in?

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1716. Re: NO-TENNA

Newsgroup: rec.radio.scanner
Date: 1994-03-11 15:39:51 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar11.103951.1@uoft02.utoledo.edu>
Source record: 276521
Cross-posted to: rec.radio.scanner,alt.radio.scanner

lieser@iccgcc.cs.hh.ab.com (x3670) writes:
> Is this NO-TENNA from Grove Enterprises any good? I don't want to
> put an external antenna on my car, but does this one perform anywhere
> near as well as an external? I'm not expecting perfection, especially
> for $20.

Is that the celluar looklike/window mount type of antenna?

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1717. Re: FCC and the Pocket-Phone Industry

Newsgroup: rec.radio.scanner
Date: 1994-03-11 16:01:12 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar11.110112.1@uoft02.utoledo.edu>
Source record: 276522
Cross-posted to: alt.radio.scanner,rec.radio.scanner

lhaston@nyx10.cs.du.edu (Lyndon Haston) writes:

> In Wednesday's (March 9) issue of the Wall Street Journal, the following
> article appeared on page B6, "FFC Votes to Provide Airwaves For New
> Pocket-Phone Industry" by Mary Lu Carnevale.
[rest deleted]

I FTPed a file from ftp.apple.com (/pub/fcc) that is Apple's Petition for
Rulemaking regarding the upcoming PCS system. Don't remember the exact name,
but its in the /pub/fcc directory. If you don't have FTP access, I can send it
to you. It is about 60K or so of text.

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1718. Mods for BC2500?

Newsgroup: rec.radio.scanner
Date: 1994-03-11 17:29:24 UTC
From: xxss525@chpc.utexas.edu
Message-ID: <2lq9pl$9b6@mintaka.chpc.utexas.edu>
Source record: 276524

I just noticed the other day that my scanner has a gap in it's
coverage that I was not aware of. This gap is from 549.995-760.000.
I would really like to be able to scan this range. Does anybody
know if these freqs can be added back in. I am not interested in
the cellular mod unless it will also turn these on. If any body
knows if the hardware to tune these freqs is in the scanner then
please let me know even if you don't know how to turn them on.
I also would be interested in knowing the opposite (if these freqs
can NOT be added). Thanks.

--Stephen

==========--Stephen
Hall ma_bellnet: (512)471-2459
University of Texas Systems internet: xxss525@hermes.chpc.utexas.edu Center for High
Performance Computing bitnet: XXSS525@UTHERMES
> > > > > > > > > > > > > > Visualize Whirled Peas! < < < < < < < < < < < < < <

1719. Re: Scanner Freq. for NH airports...

Newsgroup: rec.radio.scanner
Date: 1994-03-11 19:40:01 UTC
From: jonjt@aol.com
Message-ID: <2lqheh$hjo@search01.news.aol.com>
Source record: 276376

Could you send the info. (freqs.) along ? I'm also a scanner from Nashua

1720. Bearcat 200XLT manual needed...

Newsgroup: rec.radio.scanner
Date: 1994-03-11 20:32:37 UTC
From: scrooge@moneybin.equinox.gen.nz
Message-ID: <3wi2ic1w165w@moneybin.equinox.gen.nz>
Source record: 276342

Could someone please email me a manual for this thing.
Thanks

Glenn.

Glenn Murphy. +64 3 3811862. 1 Traynor Lane
Avonside
Christchurch 8006
New Zealand.

1721. Re: MVT-7100 problems with 476 Mhz.

Newsgroup: rec.radio.scanner
Date: 1994-03-11 23:10:44 UTC
From: schuster@panix.com
Message-ID: <2lqtpk$e76@panix2.panix.com>
Source record: 276377

In article <2lqsb7$724@panix.com>, Gabriel Evans <gevans@panix.com> wrote:
>I got my beloved MVT7100 last week, and I'm experiencing a problem
>that was briefly mentioned in one of the reviews I read here. Namely
>a huge amount of what sounds like pager intermod arounf 476 (which is,
>of course where all my local (NYC) police depts reside.)
>
>Is there a fix for this?

None found. It leaks right into the cbainet, which is unshielded.

>Does anyone have a similar problem with this radio? Last night I
>compared it side by side with the PRO-37 that I sold to help pay for
>this puppy, and it was fine while the Yup was dying!

I posted about this problem in March 1993.
I was almost ready to return it ... but I figured its
positive attributes outweighed the negatives, and I could always listen to
NYPD on a $75 Bearcat.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1722. Re: Best Pro43 price

Newsgroup: rec.radio.scanner
Date: 1994-03-11 23:20:58 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Mar11.232058.11213@alw.nih.gov>
Source record: 276378

Jeff Brinskelle (brinskel@emr1.emr.ca) wrote:
: Until March 17 Radio Shack (most of them) here in Canada are selling the
: Pro43 for $329 (Canadian $).

[stuff deleted]

: which equals
: $275 US, but that includes all taxes!

Last time I was in a Radio Shack around here, it was on sale for $249 (maybe $259, whatever Marymac had had it for previously).

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

1723. Looking for Frequencies for Calgary

Newsgroup: rec.radio.scanner
Date: 1994-03-12 00:53:05 UTC
From: dmcdouga@fox.nstn.ns.ca
Message-ID: <dmcdouga-110394205239@halifax-ts2-15.nstn.ns.ca>
Source record: 276380

I will be visiting Calgary, AB in April and would like some local
frequencies. Or where can I get a local frequency book.

1724. Re: best thing heard on scanner

Newsgroup: rec.radio.scanner
Date: 1994-03-12 04:22:32 UTC
From: jthurs@ukelele.gcr.com
Message-ID: <2lrg28$l28@ukelele.gcr.com>
Source record: 276381

David Simon <David.Simon@mixcom.mixcom.com> writes:

>Hello all
>I have heard several interesting things on my scanner, but I think one of
>the best happened just year.
>This Milwaukee Police officer was in pursuit of a suspect in his squad car.
>All of a sudden there was no communication between dispatch and the squad.
>Finally after a minute or two of the dispatcher calling out the squad number
>(297-R) the officer came back on and indicated that he just rolled his squad
>over and needed assistance in a big way!!!

I think one of the most 'chilling' I heard was many (6-7 years) ago while
visiting my grandmother in Baltimore, MD. The call was for a train
'derailment'. One engine, one ambulance, and one squad truck if I remember
correctly on the initial dispatch. This turned out to be the Amtrak/Conrail
wreck in Chase, MD. You know something is wrong when the first unit on the
scene asks for 30 medic units and the dispatcher asks again to make sure
she heard correctly.

1725. Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-12 04:33:39 UTC
From: mccready@pipeline.com
Message-ID: <2lrgn3$rek@pipeline.com>
Source record: 276382

Best Call I heard was on the local NYC fire bands - when the fire was In my own building and my wife and baby and I were wondering what to do...from the scanner we found out that the fire was several floors away, and therefore we did not have to go out into the smoke-filled hallway, but instead wait for the firemen knock on our door to tell us it was ok. It is an eerie feeling at 4am listening to all the trucks that are rolling up to your building, though.

Then, while waiting in a safer apt. several floors down, we listened to the fire dept describing their salavage and clean-up while watching them in action.

It almost convinced my wife that the scanner (pro-43) was worth what I paid for it.

And by the way, FYI, even if you know the fire dept has already responed to a fire in your apt. building/hotel/neighbor's home, you should still call 911, as they will relay to the firemen in the building that you are waiting (to be rescued!) in your apt.

1726. Re: best thing heard on scanner

Newsgroup: rec.radio.scanner
Date: 1994-03-12 05:01:13 UTC
From: josephl@clark.net
Message-ID: <2lriap$q58@clarknet.clark.net>
Source record: 276383

Anything and everything from Air Force One.

1727. Re: Radio Checks Helpful

Newsgroup: rec.radio.scanner
Date: 1994-03-12 11:44:12 UTC
From: vhealey@crl.com
Message-ID: <2ls9uc$l43@crl2.crl.com>
Source record: 276384

All fire depts I am aware of run a radio check (unit check) at least once a day. If I don't want to hear it I can lock channel out temporarily. BUT...It is useful in checking propagation such as ducting. It is perfect for identifiying key frequencies in areas you happen to only occosaionaly travel to. Police call sometimes leaves alot to be desired in listing the frequencies and unless you know 154.280 is a mutual aid channel and 153.xxx are usually low power fireground frequencies if many other are listed you have know idea in some cases which frequency is F1 until you hear the routine tests. Some fire depts operate on weird freq. not readily apparent or even posted in Police Call, hearing the check during a band search will quickly tip you off as to these 'secert' freq.

These checks aren't so bad for most scannists, are they?

Vic Healey Ki4je

1728. ETOH in parmedic slang

Newsgroup: rec.radio.scanner
Date: 1994-03-12 16:42:50 UTC
From: linnig@m2000.dseg.ti.com
Message-ID: <LINNIG.94Mar12104250@m2000.dseg.ti.com>
Source record: 276385

I've noticed that some of the public service agencies around here, primarily paramedics, are fond of using ETOH as slang for an intoxicated person or an alcohol related accident.

Have you folks noticed this usage? I'm curious if it is a political-correctness issue for the paramedics. Why not just say alcohol?

I guess an overheard emergency call to Senator RedFace's house would attract less attention if ETOH was mentioned than if booze was involved.

Just curious.

-- Mike, N5QAW

- - - - - - - - - - - - - - - - - - + - - - - - - - - - - - - - - - - - - +
Mike Linnig, Texas Instruments Inc. | 97.43% of all statistics are made |
Phone: (214) 575-3597 | up; most of them (83.6 percent) |
Internet: mike.linnig@dseg.ti.com | are wrong. |
- -

1729. Re: NO-TENNA

Newsgroup: rec.radio.scanner
Date: 1994-03-12 18:26:40 UTC
From: lieser@iccgcc.cs.hh.ab.com
Message-ID: <1994Mar12.132640.1@iccgcc.cs.hh.ab.com>
Source record: 276386

In article <1994Mar11.103951.1@uoft02.utoledo.edu>, cscon0151@uoft02.utoledo.edu writes:
> lieser@iccgcc.cs.hh.ab.com (x3670) writes:
>> Is this NO-TENNA from Grove Enterprises any good? I don't want to
>> put an external antenna on my car, but does this one perform anywhere
>> near as well as an external? I'm not expecting perfection, especially
>> for $20.
>
> Is that the celluar looklike/window mount type of antenna?

No, it advertises "No visible antenna whatsoever.... Mounts in
seconds, using your entire car body as a giant, efficient
1-1000 MHz all-band antenna." I realize that they're not gonna
say, "Works marginally OK!" in their ad, but for occasional use
it might be adequate for my purposes.

Thanks,
Ed Lieser

1730. Re: Pro2004 mods

Newsgroup: rec.radio.scanner
Date: 1994-03-12 19:25:44 UTC
From: ve4kwg@draco.bison.mb.ca
Message-ID: <1994Mar12.192544.21692@draco.bison.mb.ca>
Source record: 276387

scoates@inetgate (Steve Coates) writes:

>If anyone has the list of modes (I know there were several) I would like
>to get a copy of them

Steve,

I have a complete list of mods for the 2004 but I have it in print form.
Do you have a mailing address or fax number and I'd be glad to send them to
you.

73 de Kevin, VE4KWG
Kevin Galaugher
Winnipeg, Manitoba
ve4kwg@draco.bison.mb.ca

>Thanks

>Steve

1731. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-12 22:37:04 UTC
From: stever@infi.net
Message-ID: <CMKpHs.715@infi.net>
Source record: 276388

: Best one I've heard:

(Sound of phone dialing...)

Woman's voice: "Hello..."

Man's voice: " Hello, dear, I just wanted to let you know that I'll be working real late tonight..."

Woman: "That's OK, dear, I understand...see you later...bye"

Man: "Bye..."

(Phone hangs up...)

(Phone immediately starts dialing again...)

DIFFERENT Woman's voice: "Hello..."

SAME Man's voice: "Hi, baby, I'll be over in 10 minutes..."

Woman: "Hurry up, I can't wait....bye"y-

Steve Rogovich stever@infi.net OR stever@wyvern.com
Norfolk, Virginia USA

1732. Re: ETOH in parmedic slang

Newsgroup: rec.radio.scanner
Date: 1994-03-13 01:43:40 UTC
From: "Frank Cusack Jr." <fcusack@psu.edu>
Message-ID: <2ltr4c$aum@hearst.cac.psu.edu>
Source record: 276389

In article <LINNIG.94Mar12104250@m2000.dseg.ti.com> Mike Linnig,
linnig@m2000.dseg.ti.com writes:
>Have you folks noticed this usage? I'm curious if it is a
political-correctness

I use HBD (has been drinking) . Other's round here use something else,
can't think of what it is right now.

fc (EMT-MAST)

1733. Re: ETOH in parmedic slang

Newsgroup: rec.radio.scanner
Date: 1994-03-13 03:36:02 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2lu1n2$4hb@umcc.umcc.umich.edu>
Source record: 276390

In article <2ltr4c$aum@hearst.cac.psu.edu>,
Frank Cusack Jr. <fcusack@psu.edu> wrote:
>In article <LINNIG.94Mar12104250@m2000.dseg.ti.com> Mike Linnig,
>linnig@m2000.dseg.ti.com writes:
>>Have you folks noticed this usage? I'm curious if it is a
>political-correctness

They say "ETOH" for liability reasons, I guess. ETOH is the chemical formula basically for alcohol, but there are times when a patient could be exhibiting signs of being drunk, when in reality it is just some sort of medical imbalance NOT caused by consuming liquor. Dispatching the run using "ETOH" instead of "drunk" reiterates this fact to the medical workers, even though (at least around here), the "ETOH" people really are just DRUNK!

The police don't seem to care, however, & anyone staggering down the street is referred to as being "drunk" until proven otherwise.

Also politically correct, when paramedics are dispatched to handle someone who is either known to be HIV +/AIDS, or who for some reason they think might have it, they include the phrase "universal precautions" when dispatching the EMS unit. Paramedics are always supposed to take universal precautions (gloves, & other techniques to try not to come into direct contact with someone else's fluids), but this 'code phrase' is specifically given when they have reason to believe (often through previous contact, I guess) that the person has some sort of communicable disease.

The above is all accurate for my area, but certainly policies, procedures, & 'code phrases' will vary.

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

1734. Pager net for Mich Scannists

Newsgroup: rec.radio.scanner
Date: 1994-03-13 03:36:55 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2lu1on$4ia@umcc.umcc.umich.edu>
Source record: 276391

There is a neat new service in the S.E. lower Mi area that is a must for all scanner nuts. It's called the Fire Notification Network of Michigan.

What is it?

It is a group (currently 230) of scanner freaks and news people who send out pages of major fires and police happenings on alpha numeric pagers. We list the radio frequency to tune to and a brief synopsis of whats happening. We have members of the media and police and firemen on our network as well as plain old scanner heads. We also are tied into fire pages from L.A. , Chicago and New York.

This all can be yours for a one time fee of $10, $12/yr dues and $11.50/month for the service and pager. You may use the pager for personal use too. There are options available too, like voice mail and statewide coverage too(additional cost)
Call Garry at the network (810)772-4423. Sign up today and enjoy the fun.

Les

1735. Monitoring Networks

Newsgroup: rec.radio.scanner
Date: 1994-03-13 04:28:31 UTC
From: mpage@netcom.com
Message-ID: <mpageCML5rK.9M7@netcom.com>
Source record: 276392

There is a great article in Popular Communications (April issue) about Mountain NewsNet which is part of the nationwide FireNet system. If you need information on any of the nets in your area you can e-mail or call me at my office. I run FireNet California and have information on all of the others. E-mail: mpage@netcom.com CIS:71674,1610 (310) 838-1436 Ask for Tom.

```
=====================================================================
| Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436 |
| Internet: mpage@netcom.com |================================|
| CIS: 71674,1610 | FireNet: California's Volunteer |
| | Fire Notification System |
=====================================================================

--
=====================================================================
| Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436 | |
|==================================
| | MEDIA PAGE |
| Internet: mpage@netcom.com | Breaking News Stories to |
| CIS: 71674,1610 | the News Media since 1978 |
=====================================================================
```

1736. ISO Pro 43 mods

Newsgroup: rec.radio.scanner
Date: 1994-03-13 11:21:03 UTC
From: court@solaria.sol.net
Message-ID: <2lusuv$d7v@solaria.mil.wi.us>
Source record: 276393

If someone could send me the mods for the Pro 43 I would greatly appreciate it. Am also looking for the mods for the Pro 2005.

Tnx
Courtney

1737. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-13 14:23:15 UTC
From: jackson@cs.nyu.edu
Message-ID: <2lv7kj$ul@longlast.cs.nyu.edu>
Source record: 276394

>when the fire was In my own building and ...

>we found out that the fire was several floors away

>It is an eerie feeling at 4am listening to all the trucks
>that are rolling up to your building, though.

>we listened to the fire dept [..] while watching them in action.

Yes, it is freaky to watch them surround your building. Last
summer, I took advantage of NYU's summer housing program, and the
first night there taught me a lot about the city.

Early in the evening, I would listen on the dispatch freq and watch
them pull up to buildings up the street. Finally, when I was sleeping
they pulled up to mine. Before I left the apartment, I heard a signal
92 (malicious false alarm) so I stayed put. About 10 minutes later, a cop
banged on my door with his flashlight. He told me to GET OUT, and asked
me if I heard the alarm. I replied to the affirmative and added that I also
heard it was a false alarm and went back to sleep.

Sure enough, I got to the ground floor, and a fireman asked the same question.
I looked dead at him and said, "YES! But it's a SIGNAL 92!!!!" I walked
to the opposite corner, stood for about 30 seconds and they cleared our
re-entry.

Near the end of the summer, full length scaffolding that had been secured to
the top of the building directly across the street from me had broken free on
one end and was hanging by one(!) rope. (The lower end was about six floors
down!) I didn't hear the dispatch, but I certainly heard the tower units.
That was the night I found the fireground freqs. I had some friends pile
into my room since my apartment was on the 14th floor and the other building
was 15 floors.. perfect view. I have never had better front row seats.

It was really fun as firemen entered a series of apartments and secured the
scaffolding to the building at each floor. Then one leaned out the window
and as we saw him grab his shoulder speaker-mic, he says, "can someone
get ridda that dog?" I looked to street level and a loose dog was walking
around right at ground zero! The woman who called it in was on the 13th
floor and the scaffolding clipped her window air conditioner as it was
swinging side to side from the initial fall.

Steve
--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012

"Not in my head.. so I don't have to think.." -- Nik Fiend

1738. Re: All scanners have such poor UI?

Newsgroup: rec.radio.scanner
Date: 1994-03-13 14:38:35 UTC
From: philscott@delphi.com
Message-ID: <ZW3NAOb.philscott@delphi.com>
Source record: 276395

Jeff Brinskelle <brinskel@emr1.emr.ca> writes:

>I bought a pro43 last week and am pretty happy with the scanning
>/electronics capability of it. BUT, what is it with these
>small and poorly placed buttons? I can't believe they could
>sell something in this price range and literally be 10 or
>20 years out of touch with User Interfaces. I've looked at
>other models in radio shack and their all just as bad.

Guess it doesn't make you feel any better to know that ten years ago their Pro-34
handheld had the buttons for Scna, Manual advance and Speed selection on th ek eyboard and
clearly across the top of the frame so you could easily push them w/o looking even if it was on you belt. Even the belt clip was beter then as it was spring loaded like a Motorola beeper. Guess they're regressing huh?

1739. Re: Pro2004 mods

Newsgroup: rec.radio.scanner
Date: 1994-03-13 16:34:32 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCMM3DK.9pz@netcom.com>
Source record: 276396

In article <1994Mar12.192544.21692@draco.bison.mb.ca> ve4kwg@draco.bison.mb.ca (Kevin Galaugher) writes:
>scoates@inetgate (Steve Coates) writes:
>
>>If anyone has the list of modes (I know there were several) I would like
>>to get a copy of them
>
>Steve,
>
> I have a complete list of mods for the 2004 but I have it in print form.
>Do you have a mailing address or fax number and I'd be glad to send them to
>you.
>
> 73 de Kevin, VE4KWG
> Kevin Galaugher
> Winnipeg, Manitoba
> ve4kwg@draco.bison.mb.ca
>
>>Thanks
>
>>Steve

You can save some postage by anonymously FTPing into World (ftp.std.com)
and cd /pub/hamradio/mods/tandy

There are some 2004 mods there.

Scott

--
```
================================================================================
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na |
|------------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - ftp.std.com pub/hamradio |
================================================================================
```

1740. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-13 17:43:53 UTC
From: vhealey@crl.com
Message-ID: <2lvjcp$dqf@crl2.crl.com>
Source record: 276397

man But honey I love you!

wife I think you are playing around on me. I found lipstick on your shirt.

man But honey I love you!

wife I don't think I can believe you....

man But honey I love you!

wife etc for almost and hour same line off stuff until she believes him.

NEXT NIGHT

man But honey I love you!

girlfriend I don't think I want to go to bed with you and another woman
at the same time. That is sick...

man But honey I love you!

... and so on for 20 minutes or so

girlfriend Ok I could watch maybe. It might be interesting.

man Honey I love you it would be better if you are with us.

girlfriend I don't know. I could watch. I am not that kind of woman.

man But honey I love you!

after another 20 minutes of this

girlfriend Ok we will do it. I love you too.

*** Made my wife furious, she wanted me to call his wife and tell her what
a low down rat he was. I said we couldn't. I am still amazed that this
even worked just wearing them down with the same line over and over again.

I can not reveal what band we heard this on to protect all parties.

1741. Re: NO-TENNA

Newsgroup: rec.radio.scanner
Date: 1994-03-13 18:44:32 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Mar13.184432.586@alw.nih.gov>
Source record: 276398
Cross-posted to: rec.radio.scanner,alt.radio.scanner

cscon0151@uoft02.utoledo.edu wrote:
: Is that the celluar looklike/window mount type of antenna?

No. It claims to somehow use the car's body as the antenna.

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

1742. Cellular phones

Newsgroup: rec.radio.scanner
Date: 1994-03-13 18:49:00 UTC
From: kehanson@ins.infonet.net
Message-ID: <2lvn6s$hb6@insosf1.infonet.net>
Source record: 276399

I saw in Popular Communications recently an article that discussed the legislation that takes effect in April about scanners and cell phones and how during one of the hearings, someone took a portable cell phone and reprogramed it so it would scan the cell freqs. Does anyone know the program instructions that were used to do this and are they available for various phone models?

thanks!

::
Keith Hanson kehanson@ins.infonet.net
:::::::: Commit a senseless, random act of kindness. ::::::::::::::::::::
::::::::::::::: Common sense is as oxymoron. ::::::::::::::::::::::::::::

1743. Scanning problem (46MHz)

Newsgroup: rec.radio.scanner
Date: 1994-03-13 19:17:00 UTC
From: jack.treger@channel1.com
Message-ID: <40.1228.2433.0NE18012@channel1.com>
Source record: 276400

ZE>I use a PRO 2006 and PRO 43 to scan the 46 MHz range. Sometimes
ZE>there is a "carrier" on 46.970. That is, there is a signal that
ZE>the scanner stops on that contains no modulation -- just a very
ZE>quiet hiss. I know that this is not an internal malfunction of

ZE>What do you guys think?

ZE>...CPV

Baby monitor? Although I think they lurk around 49Mhz.

 SLMR 2.1a ==========-

1744. Re: ETOH in parmedic slang

Newsgroup: rec.radio.scanner
Date: 1994-03-13 19:37:41 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2lvq25$s1k@bigfoot.wustl.edu>
Source record: 276401

Tim Tyler (tim@umcc.umcc.umich.edu) wrote:
: They say "ETOH" for liability reasons, I guess. ETOH is the chemical
: formula basically for alcohol, but there are times when a patient could
: be exhibiting signs of being drunk, when in reality it is just some sort
: of medical imbalance NOT caused by consuming liquor. Dispatching the
: run using "ETOH" instead of "drunk" reiterates this fact to the medical
: workers, even though (at least around here), the "ETOH" people really
: are just DRUNK!

Just a nitty-picky point--it's EtOH--oops, I've been taking a little
too much organic chemistry. . .

--jesse

1745. ** Please help - BC 2500XLTA vs PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-03-13 22:21:45 UTC
From: sdavis@stimpy.eecs.wsu.edu
Message-ID: <1994Mar13.222145.16403@serval.net.wsu.edu>
Source record: 276402
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I'm looking for a scanner that is easily modifiable (for
cellular reception). I've heard alot about the PRO-43 from
this news group but not a whole lot on the BC 2500XLTA. Is
is just because it's fairly new? Anyway, which is best
for cellular and what about step size? I've heard the
Bearcat assumes a step size of 30khz when the cell is
unlocked. Is this true for the Pro-43?

Any help is appreciated.

Thanks

Scott

sdavis@yoda.eecs.wsu.edu

1746. Re: MVT-7100 problems with 476 Mhz.

Newsgroup: rec.radio.scanner
Date: 1994-03-14 00:17:16 UTC
From: jkearman@arrl.org
Message-ID: <1994Mar14.001716.9735@arrl.org>
Source record: 276403

Gabriel Evans (gevans@panix.com) wrote:
: I got my beloved MVT7100 last week, and I'm experiencing a problem
: that was briefly mentioned in one of the reviews I read here. Namely
: a huge amount of what sounds like pager intermod arounf 476 (which is,
: of course where all my local (NYC) police depts reside.)

: Is there a fix for this?

: Does anyone have a similar problem with this radio? Last night I
: compared it side by side with the PRO-37 that I sold to help pay for
: this puppy, and it was fine while the Yup was dying!

Funny you should mention this! I just now returned from a drive
across the Cross Bronx Expwy (I-95). I programmed the northern
Manhattan and Bronx NYPD freqs (476 MHz range) into my MVT-7100
and was blasted by pager interference from Paterson NJ to New Rochelle
NY. Turning on the attenuator didn't help.

Rather than intermod, it sounds like image-response interference.
I'd expect intermod to respond to the attenuator.

The only fix I can think of it an external "trap" filter to block
reception of signals from the paging transmitters. Such a trap
would affect reception of desired signals, too, unfortunately.

Good listening.

Jim Kearman

1747. ICOM R-100 vs. AOR AR-2500

Newsgroup: rec.radio.scanner
Date: 1994-03-14 02:23:43 UTC
From: ofarrell@imagen.com
Message-ID: <1994Mar14.022343.28621@aqm.com>
Source record: 276404

I'm planning to upgrade to a slightly more serious scanner (from a
BC-200XLT). My top choices so far are the ICOM-R100 and the
AOR AR-2500. Does anyone have any reviews/opinions/comparisons
of these models?

I'm also open to suggestions for other models with similar features
and price (the best I've seen is $465 - AR-2500, $625 - R100).
Handheld or desktop is ok.

--JohnO

John O'Farrell
QMS, Inc.
Mobile, AL
ofarrell@qms.com

1748. Re: MVT-7100 problems with 476 Mhz.

Newsgroup: rec.radio.scanner
Date: 1994-03-14 02:54:41 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Mar14.025441.29075@hpcvaac.cv.hp.com>
Source record: 276405

jkearman@arrl.org (Jim Kearman (KR1S)) writes:
: Manhattan and Bronx NYPD freqs (476 MHz range) into my MVT-7100
: and was blasted by pager interference from Paterson NJ to New Rochelle
: NY. Turning on the attenuator didn't help.
:
: Rather than intermod, it sounds like image-response interference.
: I'd expect intermod to respond to the attenuator.
:
: The only fix I can think of it an external "trap" filter to block
: reception of signals from the paging transmitters. Such a trap
: would affect reception of desired signals, too, unfortunately.

If you used a sharp notch filter - like a shorted tuning stub, then
you would not lose any other desireable frequencies, unless the pager
frequencies were in a band segment that you desired to monitor.

Bill

1749. IRC

Newsgroup: rec.radio.scanner
Date: 1994-03-14 03:38:54 UTC
From: jackson@cs.nyu.edu
Message-ID: <2m0m8e$18b@longlast.cs.nyu.edu>
Source record: 276406

Does anyone run an IRC similar to the paging groups we've seen
advertised here? Seems like that would be fun.

Steve
--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

1750. Re: ICOM R-100 vs. AOR AR-2500

Newsgroup: rec.radio.scanner
Date: 1994-03-14 03:44:09 UTC
From: danm@hebron.connected.com
Message-ID: <2m0mi9$8a9@hebron.connected.com>
Source record: 276407

In article <1994Mar14.022343.28621@aqm.com>,
John O'Farrell <ofarrell@imagen.com> wrote:
>I'm planning to upgrade to a slightly more serious scanner (from a
>BC-200XLT). My top choices so far are the ICOM-R100 and the
>AOR AR-2500. Does anyone have any reviews/opinions/comparisons
>of these models?

John,
I owned an AOR AR-2500 for about 2 weeks - the length of the "return if you are not satisfied" warranty made by AOR. It was simply T-E-R-R-I-B-L-E! There were frequencies in most of the major service bands that were totally unusable due to intermod and images. These were from pagers and semi-local low power educational FM transmitters as well as the major market FM broadcaers. The radio had nice features like computer control and logging (with a record of signal strength received - nice!), but the overall performance made the radio simply unusable in my fringe suburban environment.
I sent mine back and received a no questions asked refund (not sure if this is still the policy) and bought an ICOM R-7000. Never regretted it one bit. If the ICOM R-100 is one half the radio the big brother R-7000 is, then it is ten times the radio the AR-2500 was. The R-100 may not be the answer to your needs (few of these wide coverage LW -to -daylight radios are), but it has to be better than the AR-2500.
A suggestion. You might do well to consider buying a nice SW portable (Panasonic RF-B65, Sony SW-55 or Grundig YB-400 are all good) and a Radio Shack PRO-43 scanner. For something like the same investment as the R-100 you'll have a darn good scanner (best for the $$$) and a very nice SW radio. Good luck and let us know how you do.

--
==
+ Dan Morisseau, N7ZXL| "I root for 2 teams - |GEnie:D.MORISSEAU +
+ Auburn, WA | The St. Louis Cardinals and | INTERNET: +
+ |whoever is playing the NY Mets!"|danm@connected.com+

1751. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-14 04:31:49 UTC
From: af957@yfn.ysu.edu
Message-ID: <2m0pbm$lj7@news.ysu.edu>
Source record: 276408

In a previous article, s1312800@SANDCAST (AARON ROSSETTO) says:

>The title says it all. I want to know the best police/ambulance/fire
>etc. call or scanner conversation you've ever heard.

I would have to say my most memorable reception would have to be
an aircraft emergency at the local Air Force base. While testing
a C-141 Starlifter the pilot realized that the left side main landing
gear didn't retract completely. I listened as they did did phone patches
with Lockheed engineers in an attempt to get the gear to move one way or
the other. After several hours of circiling the field they got the
gear to working and landed safely.
I also live fairly close to a Military Operations Area(MOA) so hearing
F-15's F-16's doing mock dog-fights is an every day thing. And occasionally
you can catch a Marine Harrier doing mock attack runs.

--
Wally... a.k.a. af957@yfn.ysu.edu
Short Wave Listeners know what knobs to turn!

1752. Re: WORST call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-14 04:59:08 UTC
From: af957@yfn.ysu.edu
Message-ID: <2m0qus$m68@news.ysu.edu>
Source record: 276409

In a previous article, amullick@vaxc.stevens-tech.edu () says:

>Well, since we've had the best of scanning, how about the worst?
>What's the most annoying this about the scanning/monitoring hobby in your
>opinion? Somebody mentioned a neighbor with an out-of-band cordless phone,
>or there is the infamous pagers--but I interesetd more in the people you
>listen to.

For me this would have to be the time a local police officer was dispatched to a burglary in progress. 10 minutes later the dispatcher asked if he had arrived on-scene. He informed the dispatcher that en-route to the burglary he had witnessed a car make an illegal lane change and he pulled her over. The officer of the day proceeded to chew his butt and his defence was that she wasn't using her blinker.
--
Wally... a.k.a. af957@yfn.ysu.edu
Short Wave Listeners know what knobs to turn!

1753. Funny Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-03-14 05:25:07 UTC
From: gregm@ccwf.cc.utexas.edu
Message-ID: <gregm-130394222507@slip-12-1.ots.utexas.edu>
Source record: 276410

Here's a recent scanner story. This occured last Saturday night.

EMS Communications> Dispatches Starflight, Medic 11, Aid 6, and Westlake First Responders
"CPR in Progress, 5 year old male"

Westlake 1st responders out on scene

"Westlake 26 to Austin, Cancel all responders"

EMS Communications> "Westlake 26 repeat your traffic, Are you advising cancel??"

Westlake > "Affirmative"

EMS Communications> (With incredulous voice)"We had a report of CPR on a 5 yo male."

Westlake > "Affirmative, the patient is a CAT"

EMS Communications> "A what????"

Westlake > " The patient is a five year old cat."

EMS Communications > "Received, canceling"

Loses a little in the transcript, but was quite hilarious on the air.
--
Greg Middleton
gregm@ccwf.cc.utexas.edu

1754. Nuts and Volts magazine

Newsgroup: rec.radio.scanner
Date: 1994-03-14 05:30:58 UTC
From: pgunn@alkali.otago.ac.nz
Message-ID: <pgunn.138.763623058@alkali.otago.ac.nz>
Source record: 276411

I'm posting this again as the news server downstream from me packed a sad recently and I'm afraid that it may not have travelled more than 1 hop. Apologies to those who did receive this before.

I keep seeing references to the magazine 'Nuts and Volts' on this group and it sounds very interesting. No libraries in New Zealand (or Australia) seem to hold it, so I can not interloan it to look at it. If it is as goods as it sounds, I'd get a subscription to it, but I'm not prepared to get it on just vague good feelings about it.

I would like opinions and details on this magazine. Can anyone out in 'net land help me ? Anything would be nice, price, size and format, ratio ads vs articles, summaries of any good articles that have turned up in the recent past.... An address of the publisher would be nice as well.

How relevant is it to scanners ? Does it service the radio end of the spectrum (excuse the pun) or all of the electronic market ?

Does it have gossip and innuendo or reviews or dissections and schematics ?

A serious technical journal or a light weight tabloid ?

Any opinions gratefully accepted (I'm still not sure if this is getting out past the news server at Canterbury, so I'll happily read replies from anywhere saying 'Never read it, but i got your message' :-)).

Thanks in advance.

Email replies preferred for obvious reasons. I know that email works.

==========
PGUNN@alkali.otago.ac.nz
MSc (Chem) Student, University of Otago
Southernmost University in the World!
==========

1755. Bearcat 760XLT Scanner for sale..

Newsgroup: rec.radio.scanner
Date: 1994-03-14 05:40:05 UTC
From: tdietz@tcedge.mi.org
Message-ID: <tdietz.02k9@tcedge.mi.org>
Source record: 276412
Cross-posted to: rec.radio.scanner,misc.wanted,misc.forsale

For Sale:

1 Uniden Bearcat 760 XLT Mobile/Base Scanner
Features:
100 Programmable channels (5 banks)
5 programmable keys (weather, police, fire, aircraft, and marine)
AC power supply and DC power adaptor included
Full 800 mhz coverage (cellular is restored)
and more..

Like new (less than 2 months old)
Complete original packaging and manual

$200 or best offer

Contact Tom @ 810-774-2153
email: tdietz@tcedge.mi.org
fido: Tom Dietz @ 1:120/298

1756. Re: Scanning problem (46MHz)

Newsgroup: rec.radio.scanner
Date: 1994-03-14 06:29:34 UTC
From: dg715@cleveland.Freenet.Edu
Message-ID: <2m108e$38f@usenet.INS.CWRU.Edu>
Source record: 276413

Are you certain you're not getting a birdie? Try going up or down
.05 mhz. In other words, if it happens on 46.65, change your
channel to 46.60 or 46.70 and see if it still happens. You should
still be able to hear any actual transmissions on 46.65.
--
(DAVID MARK) dg715@cleveland.freenet.edu

1757. Re: Radio Shack antennas any good?

Newsgroup: rec.radio.scanner
Date: 1994-03-14 06:35:31 UTC
From: elw4@po.CWRU.Edu
Message-ID: <2m10jj$3b6@usenet.INS.CWRU.Edu>
Source record: 276414

In a previous article, pdennis@vnet.ibm.com (Phil Dennis) says:

>I too use the RS Magnetic mount scanner antenna and have had good results
>with it. I primarily scan rail frequencies (160-161 Mhz), but have also
>used it in the 46 Mhz (cordless phones) and the 450 Mhz range as well. All
>have been with improved results over the duckie the scanner came with.

I got a mag-mount Radio Shack antenna for scanning rr freqs. too, using a
Pro-42 scanner. Maybe the Pro-42 is just too wimpy a scanner to realize the
benefits of the antenna, but I haven't noticed much difference in reception
quality and range over the duckie.

Someone was telling me that for scanning 160-161 MHz, the antenna ought to
be about 16 inches long. Anyone know if this helps? The mag-mount is
considerably longer than this.
--
o_II_-__-__-----__________ ---------- /====================\
I_________I__I I 870 I I I I I I I I oooooo II
/-o--0-0-0-0~~~~~o=o~==~o=o~~~o==o~~~~~~o==o~~~o=o=o~~~~~~~~~~o=o=o~~
--Evan Werkema--elw4@po.cwru.edu---"Ship and Travel Santa Fe...All the Way!"--

1758. Re: ETOH in parmedic slang

Newsgroup: rec.radio.scanner
Date: 1994-03-14 06:41:27 UTC
From: "Frank Cusack Jr." <fcusack@psu.edu>
Message-ID: <2m10un$9q8@hearst.cac.psu.edu>
Source record: 276415

In article <2lvq25$s1k@bigfoot.wustl.edu> Jesse L Wei,
jlw3@cec3.wustl.edu writes:
>Just a nitty-picky point--it's EtOH--oops, I've been taking a little
>too much organic chemistry. . .

Well, just so people not in the know don't get misinformed, it's actually
CH3CH2OH (the #'s should be subscripted, didn't know quite how to get
that across). The Et or ET is a shorthand for Ethyl (CH3CH2-), which is
used commonly but I have not seen it in textbooks. BTW, I hate O-Chem!!!

fc

1759. Best Scan

Newsgroup: rec.radio.scanner
Date: 1994-03-14 07:44:00 UTC
From: sdavies@vx9000.weber.edu
Message-ID: <14MAR199400440678@vx9000.weber.edu>
Source record: 276416

Since the purchace of my new pro-51, I have been scanning communication between Houston and the Space Shuttle Columbia. IT is quite interesting. Even as I type they are in the process of changing their orbit from a higher to a lower so that they can make further tests, but with the interfearance of atmospheric elements.

The shuttle is currently directly above the straights of Gebraulter, and in their eleventh day of flight.

I am recieving this at 146.92000 Mhz for my area if anyone else is interested.

1760. Re: Best Scan

Newsgroup: rec.radio.scanner
Date: 1994-03-14 08:22:54 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.9.00086201@ccm.hf.intel.com>
Source record: 276326

In article <14MAR199400440678@vx9000.weber.edu> sdavies@vx9000.weber.edu (Sven Davies) writes:

>Since the purchace of my new pro-51, I have been scanning communication between
>Houston and the Space Shuttle Columbia.
...
>The shuttle is currently directly above the straights of Gebraulter, and in
>their eleventh day of flight.

>I am recieving this at 146.92000 Mhz for my area if anyone else is interested.

This issue comes up almost every shuttle mission. The shuttle audio is being re-broadcast by a locat Ham club. Many areas of the country have Ham clubs that do this. you should be able to search 144 - 148 MHz and find it. As a matter of coincidence, I stumbled onto the shuttle audio last night by accident. I didn't even realize that there was a mission going on! I just thought it was some hams playing around with their latest equipment purchases. :-)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1761. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-14 12:33:30 UTC
From: jkimbro@lasc.lockheed.com
Message-ID: <CMnMvv.1K7@butch.lmsc.lockheed.com>
Source record: 276417

In article 80c@scoop.eco.twg.com, reece@eco.twg.com (Reece R. Pollack) writes:
>

[stuff deleted]

>
>Let's also consider the following, from the Federal Aviation Regulations
>(14 CFR 91):
>
>91.3 REPONSIBILITY AND AUTHORITY OF THE PILOT IN COMMAND
>
> (a) The pilot in command of an aircraft is directly responsible
>for, and is the final authority as to, the operation of that aircraft.
> (b) In an in-flight emergency requiring immediate action, the
>pilot in command may deviate from any rule of this Part to the
>extent required to meet that emergency.
>
>
>Put in layman's terms, no one on the ground can force you to crash a plane.
>
>If your situational awareness is not sufficient to allow you to recognize
>when the instructions given to you are inappropriate, stay on the ground.
>It'll make the air safer for the rest of us pilots.

Okay. And when you're cleared to flight level 210 and the controller meant
230, your situational awareness is sufficent to allow you to recognize that
the instructions given to you are inappropriate?

You *are* good!

Jon Kimbrough jkimbro@lasc.lockheed.com
=====
Disclaimer: The opinions expressed herein, either stated or implied, are
solely my own and do not reflect Lockheed's views in any manner.

1762. Re: Nuts and Volts magazine

Newsgroup: rec.radio.scanner
Date: 1994-03-14 13:24:20 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Mar14.132420.10981@rsd.dl.nec.com>
Source record: 276418

In article <pgunn.138.763623058@alkali.otago.ac.nz>, pgunn@alkali.otago.ac.nz (Paul Gunn) writes:
|> I'm posting this again as the news server downstream from me packed a sad
|> recently and I'm afraid that it may not have travelled more than 1 hop.
|> Apologies to those who did receive this before.
|>
|>
|> I keep seeing references to the magazine 'Nuts and Volts' on this group and
|> it sounds very interesting. No libraries in New Zealand (or Australia) seem
|> to hold it, so I can not interloan it to look at it. If it is as goods as it
|> sounds, I'd get a subscription to it, but I'm not prepared to get it on just
|> vague good feelings about it.
|>

Nuts and Volts would probably not be very useful to folks outside the US. The majority of the rag is ads for surplus equipment vendors and vendors of cable/satellite descramblers. There is an occasional article of interest but editorial content is not the primary purpose of Nuts and Volts. It is distributed for free at most radio/electronics stores in the US.

==========
Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

In the absence of leadership, we have decided to follow ourselves.

1763. Re: Cellular phones

Newsgroup: rec.radio.scanner
Date: 1994-03-14 13:36:29 UTC
From: phybs@mizzou1.missouri.edu
Message-ID: <phybs.28.000D9C10@mizzou1.missouri.edu>
Source record: 276333

In article <2lvn6s$hb6@insosf1.infonet.net> kehanson@ins.infonet.net (Keith Hanson) writes:

>I saw in Popular Communications recently an article that discussed the
>legislation that takes effect in April about scanners and cell phones and how
>during one of the hearings, someone took a portable cell phone and reprogramed
>it so it would scan the cell freqs. Does anyone know the program instructions
>that were used to do this and are they available for various phone models?

I came across this while briefly subscribed to a cell programming mailing list. Someone posted steps to reprogramming a certain brand phone. The idea of converting a cell phone into a scan mode seems a simple way to deal with lack of modifiable scanners soon to come. I posted a while back with this Q but noone would bite. What I would like to know is where information about such mods are located. Scanner mods are comparatively easy to find. With some cell phones going for next to nothing in the used market, it seems like you could have a lot of bang for the buck.

1764. MOD's for Pro 46???

Newsgroup: rec.radio.scanner
Date: 1994-03-14 13:46:10 UTC
From: HANSS@caedm.et.byu.edu
Message-ID: <HANSS.1.000DC56F@caedm.et.byu.edu>
Source record: 276334

I'm looking for mods for the Pro 46, particularly cellular. I've looked in the usual locations (i.e. scanner mod books, ftp.std.com etc...) but have been unable to find anything. Any help would be appreciated.

1765. WANTED: Freqs for McGuire AFB

Newsgroup: rec.radio.scanner
Date: 1994-03-14 14:08:46 UTC
From: reda@gandalf.rutgers.edu
Message-ID: <Mar.14.09.08.46.1994.4841@gandalf.rutgers.edu>
Source record: 276419

Does anyone have any freqs for McGuire AFB. Preferably the aircraft /
tower freqs.

TIA,
FRank
--

Frank J. Reda, Assistant Director, Rutgers University Computing Services
reda@gandalf.rutgers.edu

1766. Re: President's entourage freq's in Boston.

Newsgroup: rec.radio.scanner
Date: 1994-03-14 14:14:09 UTC
From: tstader@aol.com
Message-ID: <2m1rfh$r4o@search01.news.aol.com>
Source record: 276420

Geeez Mike... we got loads of those kind of freqs right here on AOL in the Ham Radio Club Scanning Library! Check it out!

73 for now.... c u on the shortwaves
Terry Stader - KA8SCP
America Online Ham Radio Club Host
Internet: tstader@aol.com (e-mail) or
p00489@psilink.com (binaries/files >28K)
KA8SCP@WA1PHY.#EMA.MA.USA.NOAM
ka8scp@ka8scp.ampr.org [44.56.4.82] Mac
[44.56.4.120] DOS Clone
(they're BOTH pc's! Personal Computers that is!)

1767. ICOM R100 Mods Updates service manual

Newsgroup: rec.radio.scanner
Date: 1994-03-14 14:48:43 UTC
From: nk30@cbnewsm.cb.att.com
Message-ID: <CMnt5p.5B3@cbnewsm.cb.att.com>
Source record: 276421

Looking for articles on improvements and mods for Icom R100. I am
also interested in knowing more about the antenna swx circuit mentioned in
the owners manual.
Does the R100 have an HF frequency IF and could it be used with a
shortwave receiver to decode SSB?
Jeff Zell
NK3O

1768. MVT-7100 vs AOR1000XLT

Newsgroup: rec.radio.scanner
Date: 1994-03-14 15:15:40 UTC
From: post1@ID1.AL.ALCOA.COM
Message-ID: <post1-140394101540@132.226.102.82>
Source record: 276422

Any one able to compare these two? I have seen the MVT-7100 referred to as the "best" unit available, but have also heard great about the AOR1000XLT. Only "bad" thing I've heard about the 1000XLT is it abilities in the city (switch to cut sensitivity is suppose to correct problem). I am going to purchase one of these within the next week and am open to comments.

Also, I am having a had time finding a source for the MVT-7100. How do you contact Javiathon in England? Is there any other source for the MVT-7100 possibly US based?

Any help is greatly appreciated!

--
Jim Post

1769. Re: Radio Shack antennas any good?

Newsgroup: rec.radio.scanner
Date: 1994-03-14 15:56:52 UTC
From: pdennis@vnet.ibm.com
Message-ID: <19940314.105652.804@vnet.ibm.com>
Source record: 276423

In article <2m10jj$3b6@usenet.INS.CWRU.Edu>,
on 14 Mar 1994 06:35:31 GMT,
Evan L. Werkema <elw4@po.CWRU.Edu> writes:
>
>In a previous article, pdennis@vnet.ibm.com (Phil Dennis) says:
>
<Stuff I wrote deleted to save bandwidth>

> I got a mag-mount Radio Shack antenna for scanning rr freqs. too, using a
>Pro-42 scanner. Maybe the Pro-42 is just too wimpy a scanner to realize the
>benefits of the antenna, but I haven't noticed much difference in reception
>quality and range over the duckie.

I have a BC55XLT, whose duckie was/is really lousy. I could only hear
about 4 milesif I was lucky. With the RS Magmount, I can pick up
about 25 miles easily. It also depends on which unit the dispatcher
is using, and how good the radio in the engine is. I can often hear
N/S traffic 30+ miles away, but it seems that they use stronger signals
than CSX here in the D.C. area. I also had picked up a collapsable
center loaded portable antenna from RS last week which is much improved
over the duckie, but dosen't come close to the magmount (of course
neither duckie or telescoping antennas do anything INSIDEthe car :-).

> Someone was telling me that for scanning 160-161 MHz, the antenna ought to
>be about 16 inches long. Anyone know if this helps? The mag-mount is
>considerably longer than this.

I came up with 73.2 inches for a full wave antenna at 161Mhz (someone
please correct me if I'm wrong). This would work out to about 18 inches
for a quarter-wave antenna. I tried this length with the RS magmount,
but did not see the performance that I expected. It came out about the same
if not worse than with the full antenna with both loads. I tried
various combinations one evening and based my conclusions on the signal
comming from a defect detector about 3 miles away and another about
10 miles away. This eliminated the difference in radio power from the
locomotives.

Hope this helps........

****
Thanks to the Interstate Highway System, it is now possible
*to travel across the country from coast to coast without *
*seeing anything. --Charles Kuralt *
* *
*ALL STANDARD DISCLAIMERS APPLY, Next time, *
*PDENNIS@VNET.IBM.COM A.K.A. PHIL DENNIS take the train! *

****

1770. Re: NY State Freqs

Newsgroup: rec.radio.scanner
Date: 1994-03-14 16:11:30 UTC
From: ba06103@bingsuns.cc.binghamton.edu
Message-ID: <2m22bi$64j@bingsuns.cc.binghamton.edu>
Source record: 276424
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In a previous article <2llkp2$qkb@slinky.cs.nyu.edu>,
jackson@longlast.cs.nyu.edu (Steven Jackson) typed the following:

<-=-> Just wanted to preempt a response on my request for LA freqs. I found a 500+k
<-=-> file on ftp.cs.buffalo.edu that has CA freqs in a delimited layout that
<-=-> will be perfect for use with my xBase at home.

Anyone have a similar file for NY State or know where I can
find it? Thanx!

--
/~We're_Tiny!_We're_Toony!-=/Tiny_Toons_Adventures\=-We're_Tiny!_We're_Toony!~\
: =- "Elelator Go Up! Elelator Go Down! Elelator Go Down The Hole!!" -= :
: -= "I Push The Buttons! You Don't Push The Buttons! I Push The Buttons!" =- :
\-Circles.Flowers.A.Smiling=|Death's_Dominion|=Guy.So.Many.Ways.To.Dot.An."I"-/

1771. Re: NY State Freqs

Newsgroup: rec.radio.scanner
Date: 1994-03-14 16:15:15 UTC
From: ba06103@bingsuns.cc.binghamton.edu
Message-ID: <2m22ij$6ck@bingsuns.cc.binghamton.edu>
Source record: 276325
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In a previous article <2llkp2$qkb@slinky.cs.nyu.edu>,
jackson@longlast.cs.nyu.edu (Steven Jackson) typed the following:

<-=-> Just wanted to preempt a response on my request for LA freqs.
I found a 500+k
<-=-> file on ftp.cs.buffalo.edu that has CA freqs in a delimited
layout that
<-=-> will be perfect for use with my xBase at home.

Anyone have a similar file for NY State or know where I can
find it? Thanx!

--
/~We're_Tiny!_We're_Toony!-=/Tiny_Toons_Adventures\=-We're_Tiny!_We're_Toony!~\
: =- "Elelator Go Up! Elelator Go Down! Elelator Go Down The Hole!!" -= :
: -= "I Push The Buttons! You Don't Push The Buttons! I Push The Buttons!" =- :
\-Circles.Flowers.A.Smiling=|Death's_Dominion|=Guy.So.Many.Ways.To.Dot.An."I"-/

1772. Freqs in Fresno, CA

Newsgroup: rec.radio.scanner
Date: 1994-03-14 17:47:40 UTC
From: lieser@iccgcc.cs.hh.ab.com
Message-ID: <1994Mar14.124740.1@iccgcc.cs.hh.ab.com>
Source record: 276327

Can anyone clue me in to police/fire/etc. frequencies in Fresno, CA?

Tnx,
Ed Lieser

1773. MVT-7100 476 Mhz...

Newsgroup: rec.radio.scanner
Date: 1994-03-14 18:17:38 UTC
From: kronz@periphae.ecn.purdue.edu
Message-ID: <CMo2tF.Mx6@noose.ecn.purdue.edu>
Source record: 276328

Hello everyone...

Well I'll try to look into this... I am already planning to try
to make some mods to the mvt7100...The problem is that Im afraid if I break
it I wont be able to get it after april 26...
Does anyone know if there going to still ship the Japanese models??
or if Yupitera is going to make another model???

things I would like to make mods for....

1. make the keyboard lock switch a permanent on light switch...
2. Try to unlock all freq steps for all demodulation schemes..
(this should take some pretty hefty reprogramming of
the eeproms...)
3. try to make the banks like regular banks bank 1 starts with
memory 100....

4. add a filter for listening to cw...
5. and Now adding shielding...

Couls someone who has opened thiers up let me know I would like to know
of any difficulties, etc....

oh by the way how is the pro39???(cell modifyable???) my wife to be
wants a scanner YEAH!!!!

happy scanning...
-jason
--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }

1774. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-14 19:21:18 UTC
From: reece@eco.twg.com
Message-ID: <2m2dfe$sil@scoop.eco.twg.com>
Source record: 276329

In article <2lrgn3$rek@pipeline.com>, mccready@pipeline.com (Gary McCready) writes:
|>Best Call I heard was on the local NYC fire bands - when the
|>fire was In my own building and my wife and baby and I were
|>wondering what to do...from the scanner we found out that the
|>fire was several floors away, and therefore we did not have to
|>go out into the smoke-filled hallway, but instead wait for the
|>firemen knock on our door to tell us it was ok. It is an eerie
|>feeling at 4am listening to all the trucks that are rolling up
|>to your building, though.

This happened to me Christmas morning a few years ago. After an evening of light partying, I got to bed around 3am. At 5am I heard my neighbors' smoke detector go off. I figured they'd burned some toast or something, but a minute or two later I was brought fully awake by the sound of my fire department pager going off to announce a full box alarm for the townhouse next door!

I looked out my back window and was greeted by the sight of a virtual blowtorch coming out of the basement of the unit next to mine. I called 911, identified myself as a firefighter, and suggested a second alarm be staged. The dispatcher just said, "we're already doing that; now shouldn't you be leaving?"

Lacking any gear (it was all in the station), I helped out as best I could from the outside, thowing ladders and changing air bottles and such. It was very strange, watching my next door neighbor's unit go up in flames and seeing smoke pouring from my own roof's vents. I listened to it all on my pager, the firefighter half of me analytically assessing the situation while the homeowner half wondered whether I was going to lose everything.

By 7am it was all done but the paperwork... my neighbor's unit was a total loss, I had a good bit of smoke damage, and the unit on the other side had smoke and light fire damage. Total losses around $200,000.

1775. Re: Best Scan

Newsgroup: rec.radio.scanner
Date: 1994-03-14 19:23:30 UTC
From: copeland@metronet.com
Message-ID: <CMo5v6.Fyx@metronet.com>
Source record: 276330

In article <14MAR199400440678@vx9000.weber.edu>,
Sven Davies <sdavies@vx9000.weber.edu> wrote:
>Since the purchace of my new pro-51, I have been scanning communication between
>Houston and the Space Shuttle Columbia. IT is quite interesting. Even as I
>type they are in the process of changing their orbit from a higher to a lower
>so that they can make further tests, but with the interfearance of atmospheric
>elements.
>
>The shuttle is currently directly above the straights of Gebraulter, and in
>their eleventh day of flight.
>
>I am recieving this at 146.92000 Mhz for my area if anyone else is interested.

Its probably a 6 meter ham radio operator echoing satellite reception.
So people like you and I can listen in.

1776. Portable antennas???

Newsgroup: rec.radio.scanner
Date: 1994-03-14 20:15:15 UTC
From: kronz@periphae.ecn.purdue.edu
Message-ID: <CMo89G.1po@noose.ecn.purdue.edu>
Source record: 276331

Hey everyone...

I was wondering if any knows of a commercially available coil antenna
rubber duck style that can be used on am broadcast and some of the
other sw stuff....

I have a mvt7100 and hate having to pull out that 21 foot antenna just
to recieve am broadcast a hundred miles away....

-thanks
--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }

1777. Re: Where to find MODS!

Newsgroup: rec.radio.scanner
Date: 1994-03-14 21:22:18 UTC
From: dkm@col.hp.com
Message-ID: <2m2kia$1rc@hp-col.col.hp.com>
Source record: 276332
Cross-posted to: rec.radio.scanner,alt.radio.scanner

>"World Scanner Report"
>
>V3, N2 (Current issue)
> Tip on Auto Frequency Tagger
> HB-232 problem fix and "new technique"
> HB-232 works with the PRO-43
> A look at the PRO-43
> PRO-43 cellular and 54-88 MHz restoration
> Audio improvement for the PRO-43

Where can I got a copy/subscription to "World Scanner Report"?
I'm interested in comments about using HB-232 on a Pro-43.

Dave Martin - dkm@col.hp.com

1778. Re: WORST call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-14 22:08:29 UTC
From: spikes@sc.hp.com
Message-ID: <2m2n8t$m74@hpscit.sc.hp.com>
Source record: 276335

Well, this was before "scanners", but some of us had little
3-6 transistor convertors. They would mix 154.whatever (~1 Mhz wide) down
to the broadcast band (~1 Mhz) and then you would slope tune on your AM car
radio.

The worst call *I* heard was when the cop chasing me in my hot rod Chevy
actually got my whole plate correct and asked for stats. Hmmmm, thought
I had camoed the plate better with tape than that.

Six movers and a night in jail.........

A friend of mine had the second worst. While parked in the middle of
Nowhere, Iowa with his girlfriend, he hears his plate being called in.....
About 3 seconds later, the stealth cop lights up the area.....

Pre-scanner daze......

Bill

1779. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-14 23:43:18 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Mar14.234318.6120@alw.nih.gov>
Source record: 276336

Reece R. Pollack (reece@eco.twg.com) wrote:

: fire department pager going off to announce a full box alarm for the
: townhouse next door!

Neat story! Just out of curiosity, what does a "box alarm" signify. They use the same terminology around here (Southern MD, Northern VA).

--neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

1780. Re: ** Please help - BC 2500XLTA vs PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-03-15 00:56:14 UTC
From: egallant@borland.com
Message-ID: <egallant.20.016BF489@borland.com>
Source record: 276337
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Mar13.222145.16403@serval.net.wsu.edu>
sdavis@stimpy.eecs.wsu.edu (Scott Davis - EECS) writes:

> I'm looking for a scanner that is easily modifiable (for
> cellular reception). I've heard alot about the PRO-43 from
> this news group but not a whole lot on the BC 2500XLTA. Is
> is just because it's fairly new? Anyway, which is best
> for cellular and what about step size? I've heard the
> Bearcat assumes a step size of 30khz when the cell is
> unlocked. Is this true for the Pro-43?

I would suggest the Bearcat BC 200XLT. The cellular restoration is simply unsoldering a little resistor, the only problem is that it searches in 12.5khz steps instead of the 30khz that the cellular band uses. I can't say that this is really a big deal since there is so much traffic the radio can still pick up literally dozens of frequencies.

Emil H. Gallant - egallant@borland.com - Views expressed are mine.

1781. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-15 02:32:41 UTC
From: dave@frackit.UUCP
Message-ID: <4301@frackit.UUCP>
Source record: 276338

In article <3352@mtigate.mti.com>, hunley@mti.com (John Hunley) writes:
- In article <9403091202.AA21416@steel.nist.gov>, tfoecke@nist.gov (Tim Foecke) writes:
- |> > Hmmm. Well, I once got this gem from Philadelphia International
- |> > Airport [paraphrased, but you get the idea]:
- |> >
- |> > ATC: USAir Flight 927, you are cleared for landing.
- |> > Plane: Ummmmm, Tower, did you mean flight 1927?
- |> > ATC: Oh, yeah, sorry about that.
- |> >
- |> Actually, this sort of thing happens a LOT more than one would hope.
-
- I'm sorry, but as a pilot myself, I fail to see why this exchange is
- interesting at all, much less as the "best call you've heard."

What kind of a pilot are you? When in the pattern many pilots pay some attention to the designations of other aircraft in the same airspace. The change from 927 to 1927 is non-trivial and some cause for concern if the controller makes the mistrake. Imagine there WAS a flight 1927 and he started onto final based on this mistake.

CRUNCH

- Slips
- of the tongue happen all the time, to everybody. What if you were
- listening to the local police frequency and heard the following:
-
- Cop: Dispatch, I'm gonna be 10-6 at Winchell's on Main Street.
- Dispatch: Ummmmm, did you mean Elm Street?
- Cop: Oh, yeah, sorry about that.

Not quite the same impact (no pun intended) since there is no danger of running into another police car with catastrophic results because of the error.

- Would you consider this exchange to be your new "best call I've
- heard?"

Mine would be when tower at Capitol City Airport advised a Chinook to delay final as he had just "cleared" a flight of seagulls to cross 27 on the way to compass rose. The stoopid [tm] birds always go where and when they please and this was Jerry's (Tower Ops at the time, about 1975) way of dealing with it. The drivers at the chopper repair/recondition depot were used to it. A stranger listening in might think there was a certain loss of sanity involved. Actually, knowing Jerry, there was :)

--
Dave Ratcliffe vogon1!frackit!dave@cse.psu.edu
Harrisburg, Pa.

1782. Re: Icom R1 (0-1.3Ghz) $275

Newsgroup: rec.radio.scanner
Date: 1994-03-15 02:43:54 UTC
From: Charles.R.Hohenstein.1@nd.edu
Message-ID: <Charles.R.Hohenstein.1-140394214317@mac16.oshaughnessy.lab.nd.edu>
Source record: 276339

In article <2m338s$pv3@lace.Colorado.EDU>, r_egeland@cc.colorado.edu (RYAN EGELAND) wrote:

>
> I am selling an Icom R1. I'd like to move up to the MVT-7100, and need to
> sel my R1. I will sell it to the first offer of $275+shiping.
>
> Basic Features:
>
> .5-1300 Mhz coverage (no gaps)
> NBFM, WBFM, or AM selectable on any frequency
> Selectable frequency steps of 5, 8, 10, 12.5, 20, 25, 30, and 50 khz (I think)
> "Search and Store" function: scans a specified range and stores any
> unsquelched frequencies.
> 18+ hours on optional battery pack
> Small (about 3"x2"x1")
> Both Line Out and Speaker Out jacks.
>
> The above features allow the R1 to recieve any type of standard transmissions.

But I don't believe it will receive SSB, will it?

1783. Bearcat 220 repair help

Newsgroup: rec.radio.scanner
Date: 1994-03-15 02:55:40 UTC
From: mgarrett@prairienet.org
Message-ID: <2m383c$se3@vixen.cso.uiuc.edu>
Source record: 276340

I have a Bearcat 220 radio that was given to me to repair. I
only a "P" display and several dots on the display and the squelch still
operates. I have replaced one burnt transistor (unknown which one since
I do not have a schematic) and have checked all of the caps on the
processor board in efforts to find a short. From what I can tell the
is drawing a lot of power on the processor board since the 7917 in the corner
of the board gets smokin hot. I am suspecting the processing chips as the
culprits. Does anyone know if these Ic's are still availible? And if so
at what costs?
If anyone has any ideas to check out on this unit, please drop me a line.
--
Mark Garrett mgarrett@prairienet.org
KA9SZX @ N9LNQ.#ECIL.IL.USA.NA

1784. Mods for late issue BC760XLT

Newsgroup: rec.radio.scanner
Date: 1994-03-15 04:19:44 UTC
From: crisp@ecsvax.uncecs.edu
Message-ID: <1994Mar15.041944.6483@ecsvax.uncecs.edu>
Source record: 276341

Hello.

I have a BC760XLT, and I'd like to get a list of the
mods for it. Can someone suggest a good place to look
for such a list?

Thanks!
rc
--
Russ Crisp, Systems Analyst | Ham Call: KA4UXZ
Western Carolina University | BITNET: crisp@wcuvax1.bitnet
Business Affairs Division | Internet: crisp@wcu.edu
Room 311-A, HFR Building | Voice: (704) 227-7003

1785. Re: 469.9875 MHz

Newsgroup: rec.radio.scanner
Date: 1994-03-15 16:14:39 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.13.00103F04@ccm.hf.intel.com>
Source record: 276347

In article <1994Mar15.175724.6013@arrl.org> jkearman@arrl.org (Jim Kearman (KR1S)) writes:

>I'm hearing a succession of what sound like short data bursts
>on this frequency. The transmitter is keyed for each burst;
>the bursts come about every 1.5 sec for about 5 bursts, then
>there's an occasional pause.

>The 1994 Connecticut Scanner Guide doesn't list anything even
>close to 469.9875 MHz.

>The source appears to be in West Hartford, Connecticut, near
>the town dog pound, etc, an industrial area. Too many antennas
>to even guess which one is the source.

This freq looks like it falls into the business band (IB), so there is no
telling what it is. My guess is that it is some type of telemetry, giving
information updates. On the other hand, it could be some type of packet
comms. Look at the FCC database and compare the logitude and latitude
coordinates.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1786. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-15 17:23:29 UTC
From: grady@netcom.com
Message-ID: <gradyCMpuz6.J0w@netcom.com>
Source record: 276343

I heard girlfriend talk with her drug pusher boyfriend
about the police comming by to investigate a murder at her
apartment. She suggested that he cool it for a while.

--
Grady Ward | compiler of Moby lexicons: | finger grady@netcom.com
+1 707 826 7715 | Words, Hyphenator, Part-of-Speech | for more information
(voice/24hr FAX) | Pronunciator, Thesaurus | 15 E2 AD D3 D1 C6 F3 FC
grady@netcom.com | and Language; all royalty-free | 58 AC F7 3D 4F 01 1E 2F

1787. New FTP site

Newsgroup: rec.radio.scanner
Date: 1994-03-15 17:44:06 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCMpvxK.33I@netcom.com>
Source record: 276344
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner,rec.radio.info

BOSTON AMATEUR RADIO CLUB ANNOUNCEMENT

FOR IMMEDIATE RELEASE
FROM: Scott Ehrlich, Software Librarian

FOR FURTHER INFORMATION, CONTACT: Scott Ehrlich, WY1Z
Tel: (617) 373-4198

PLEASE DISTRIBUTE AS WIDELY AS POSSIBLE

MARCH 15, 1994

WORLD HAM RADIO ARCHIVES MOVES TO OAKLAND

Due to a recent policy change from Software Tool and Die's
Internet computer system, the World, the ham radio archives from
World have moved to the very well-known anonymous FTP site of
oak.oakland.edu (141.210.10.117).

The directory on Oakland where the files will be locate will remain:
/pub/hamradio.

The Oakland FTP site permits a maximum of 400 simultaneous
anonymous FTP connections, so there should be plenty of space for
everyone to access what they want, when they want.

The directory structure on Oakland will remain the same as it was
on World.

If you have any questions, please feel free to contact me.
My e-mail address is: wy1z@netcom.com.

73 de WY1Z

--
```
==========================================================================
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na |
|------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| oak.oakland.edu:/pub/hamradio |
==========================================================================
```

1788. ETOH in parmedic slang

Newsgroup: rec.radio.scanner
Date: 1994-03-15 18:03:00 UTC
From: gregory.halpin@bitbytes.clark.net
Message-ID: <e5.2115.143.0NE0A1DF@bitbytes.clark.net>
Source record: 276345

L>I've noticed that some of the public service agencies around here, primarily
>paramedics, are fond of using ETOH as slang for an intoxicated person or an
>alcohol related accident.

L>Have you folks noticed this usage? I'm curious if it is a
>political-correctness
>issue for the paramedics. Why not just say alcohol?

As an avid listener, and an emergency service provider (firefighter),
I'll jump in.

It is also used in my area, and probably the explanation that I would
give would be that the intoxicated subject would not understand this.

Now, I'm sure you're asking, if the guy's drunk (or the gal, don't want
to exclude the lady drunks!), he already knows it; why try to keep it a
secret from him?

Well, some persons, upon hearing themselves referred to as being
"intoxicated", will become violent, disruptive, and/or destructive. But,
hospitals need to know that they are receiving an intoxicated patient,
due to the influence on the patient's condition and diagnoses, as well
as any special arrangements that need to be made at the hospital
(security, etc.).

So, when an EMS provider notifies the hospital that they have a patient
with ETOH, the drunk says "Wow, I wonder how bad that is" rather than
"This SOB is calling me a drunk; I'll show him who's drunk"!

Plus, the gathering citizenry doesn't hear a provider notify a doctor
that their patient his an odor of alcohol on the breath, but rather that
an odor of ETOH is present. Some crowds can get unruly when they find
out that someone is drunk, especially at an accident scene. "That
)^%&$^%(is drunk, and now my baby's hurt! I'm gonna kill him!" is not
something you want to hear at an incident.

Does that make sense?

• OLX 1.52 • We all live in a yellow subroutine.

1789. Re: FCC and the Pocket-Phone Industry

Newsgroup: rec.radio.scanner
Date: 1994-03-15 23:11:22 UTC
From: ares@bga.com
Message-ID: <2m5faq$47a@giga.bga.com>
Source record: 276346
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Lyndon Haston (lhaston@nyx10.cs.du.edu) wrote:

: In Wednesday's (March 9) issue of the Wall Street Journal, the following
: article appeared on page B6, "FFC Votes to Provide Airwaves For New
: Pocket-Phone Industry" by Mary Lu Carnevale.

: "The Federal Communications Commission, voting to clear the way for a new
: pocket-phone industry, gave the boot to police, fire and emergency medical
: systems from a portion of the airwaves."

: The cleared airwaves will be auctioned off for so-called
: personal-communications services, including pocket telephones.

: The frequencies are not given in the article, so if anyone knows any more
: about this, please post.

Well, this may be related. I just heard that the police dept that I work
for is having to go to an 800mhz trunked system by 1998. We're
apparently abandoning the 460.XXXmhz system that we are curently on...

-Steve Gibson
-ares@bga.com

1790. /pub/hamradio structure on Oakland (LONG)

Newsgroup: rec.radio.scanner
Date: 1994-03-16 00:26:35 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCMqEKC.4zL@netcom.com>
Source record: 276348
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

Below is the subdirectory/file structure of the /pub/hamradio FTP area on oak.oakland.edu

```
total 18
-rwxrwxr-x 1 wy1z 1788 Mar 15 12:22 00-README
drwxrwxr-x 2 wy1z 512 Mar 15 11:47 amiga
drwxrwxr-x 2 wy1z 512 Mar 15 11:48 apple2
drwxrwxr-x 5 wy1z 512 Mar 15 11:54 arrl
drwxrwxr-x 4 wy1z 512 Mar 15 11:54 atari
drwxrwxr-x 8 wy1z 512 Mar 15 11:58 barc
drwxrwxr-x 2 wy1z 512 Mar 15 11:58 faq
drwxrwxr-x 2 wy1z 512 Mar 15 11:59 general-info
drwxrwx-wx 2 wy1z 512 Mar 15 12:19 incoming
-rw------- 1 wy1z 0 Mar 15 19:09 ls-lR
drwxrwxr-x 11 wy1z 512 Mar 15 12:51 mac
drwxrwxr-x 2 wy1z 1024 Mar 15 12:03 misc
drwxrwxr-x 25 wy1z 512 Mar 15 12:05 mods
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 packet-internet
drwxrwxr-x 2 wy1z 512 Mar 15 12:06 part97
drwxrwxr-x 8 wy1z 512 Mar 15 12:10 pc
drwxrwxr-x 3 wy1z 512 Mar 15 12:10 tcpip
drwxrwxr-x 3 wy1z 512 Mar 15 12:11 unix

amiga:
total 3810
-rwxrwxr-x 1 wy1z 76 Nov 9 23:06 00-INFO
-rwxrwxr-x 1 wy1z 2014 Nov 9 22:58 00Index
-rwxrwxr-x 1 wy1z 170751 Nov 9 22:53 7pl204am.lzh.gz
-rwxrwxr-x 1 wy1z 467 Nov 9 22:58 LHWARPed_disks
-rwxrwxr-x 1 wy1z 247202 Nov 9 22:53 c-bbs720j.lzh.gz
-rwxrwxr-x 1 wy1z 130564 Nov 9 22:53 c-doc720j.lzh.gz
-rwxrwxr-x 1 wy1z 186684 Nov 9 22:53 c-src720j.lzh.gz
-rwxrwxr-x 1 wy1z 416848 Nov 9 22:54 ham1.lhw.gz
-rwxrwxr-x 1 wy1z 477088 Nov 9 22:55 ham2.lhw
-rwxrwxr-x 1 wy1z 376639 Nov 9 22:55 ham3.lhw
-rwxrwxr-x 1 wy1z 287484 Nov 9 22:56 ham4.lhw
-rwxrwxr-x 1 wy1z 352091 Nov 9 22:56 ham5.lhw
-rwxrwxr-x 1 wy1z 285504 Nov 9 22:56 ham6.lhw
-rwxrwxr-x 1 wy1z 272 Nov 9 22:58 logger-303.README
-rwxrwxr-x 1 wy1z 310816 Nov 9 22:57 logger-303.lzh
-rwxrwxr-x 1 wy1z 396597 Nov 9 22:58 logger-4.lzh
-rwxrwxr-x 1 wy1z 463 Nov 9 22:58 text
-rwxrwxr-x 1 wy1z 59036 Nov 9 22:58 vhlogger_V2.lzh
-rwxrwxr-x 1 wy1z 466 Nov 9 22:58 vhlogger_V2.readme
```

```
-rwxrwxr-x 1 wy1z 64336 Nov 9 22:58 wpx
-rwxrwxr-x 1 wy1z 1072 Nov 9 22:58 wpx-fix.doc

apple2:
total 129
-rwxrwxr-x 1 wy1z 71808 May 22 1993 A2FTER.BXY
-rwxrwxr-x 1 wy1z 59200 Apr 10 1993 APRADIO.SHK

arrl:
total 3
drwxrwxr-x 2 wy1z 512 Mar 15 11:54 NTS
drwxrwxr-x 2 wy1z 512 Mar 15 11:49 Other-files
drwxrwxr-x 4 wy1z 512 Mar 15 11:54 Server-files

arrl/NTS:
total 39
-rwxrwxr-x 1 wy1z 1201 Apr 7 1993 NTSBOOKA
-rwxrwxr-x 1 wy1z 772 Apr 7 1993 NTSBOOKB
-rwxrwxr-x 1 wy1z 1464 Feb 15 1993 NTSFORM.DOC
-rwxrwxr-x 1 wy1z 1464 Mar 22 1993 NTSFORM2
-rwxrwxr-x 1 wy1z 3713 Jan 20 1993 new-nts-award
-rwxrwxr-x 1 wy1z 10504 Nov 26 1992 nts-basics
-rwxrwxr-x 1 wy1z 12787 Nov 26 1992 nts-format
-rwxrwxr-x 1 wy1z 3450 Nov 26 1992 ors-job

arrl/Other-files:
total 283
-rwxrwxr-x 1 wy1z 4491 Nov 26 1992 aplink-list
-rwxrwxr-x 1 wy1z 7224 Dec 24 1992 arrl-file-server.hlp
-rwxrwxr-x 1 wy1z 18455 Nov 29 1992 arrl-fo.txt
-rwxrwxr-x 1 wy1z 4998 Nov 26 1992 arrl-serv
-rwxrwxr-x 1 wy1z 3305 Nov 26 1992 ec-job
-rwxrwxr-x 1 wy1z 6364 Nov 26 1992 ele-cred
-rwxrwxr-x 1 wy1z 2988 Nov 26 1992 ham-ftp
-rwxrwxr-x 1 wy1z 7041 Nov 26 1992 ham-vs-cb
-rwxrwxr-x 1 wy1z 23317 Nov 29 1992 hffwd.arl
-rwxrwxr-x 1 wy1z 10795 Nov 26 1992 hurric-nfo
-rwxrwxr-x 1 wy1z 8779 Nov 26 1992 lightn-prot
-rwxrwxr-x 1 wy1z 9326 Nov 26 1992 limi-spc-ants
-rwxrwxr-x 1 wy1z 2985 Nov 26 1992 ooaux-job
-rwxrwxr-x 1 wy1z 24868 Sep 24 09:16 prb-1
-rwxrwxr-x 1 wy1z 2019 Nov 26 1992 pshr-rules
-rwxrwxr-x 1 wy1z 3691 Nov 26 1992 sgl-job
-rwxrwxr-x 1 wy1z 115021 Apr 23 1993 veman6.zip
-rwxrwxr-x 1 wy1z 9632 Nov 29 1992 waiver.txt

arrl/Server-files:
total 2
drwxrwxr-x 2 wy1z 512 Mar 15 11:54 Circuits-Pcx-Decoded
drwxrwxr-x 19 wy1z 512 Mar 15 11:53 info
```

```
arrl/Server-files/Circuits-Pcx-Decoded:
total 640
-rwxrwxr-x 1 wy1z 153718 Nov 13 22:19 antsys.pcx
-rwxrwxr-x 1 wy1z 153718 Nov 13 22:19 circuits.pcx
-rwxrwxr-x 1 wy1z 153718 Nov 13 22:19 rc.pcx
-rwxrwxr-x 1 wy1z 153718 Nov 13 22:19 translog.pcx

arrl/Server-files/info:
total 32
-rwxrwxr-x 1 wy1z 634 Feb 10 00:07 00-Index.txt
drwxrwxr-x 2 wy1z 512 Mar 15 11:53 League
drwxrwxr-x 9 wy1z 512 Mar 15 11:53 W1AW
drwxrwxr-x 2 wy1z 2560 Mar 15 11:50 bib
drwxrwxr-x 2 wy1z 512 Mar 15 11:50 circ
drwxrwxr-x 2 wy1z 1536 Mar 15 11:51 clubs
drwxrwxr-x 2 wy1z 512 Mar 15 11:50 ead
drwxrwxr-x 2 wy1z 512 Mar 15 11:53 evp
drwxrwxr-x 2 wy1z 512 Mar 15 11:53 faq
drwxrwxr-x 3 wy1z 2048 Mar 15 11:51 hiram
drwxrwxr-x 2 wy1z 512 Mar 15 11:53 league
drwxrwxr-x 2 wy1z 512 Mar 15 11:50 msd
drwxrwxr-x 2 wy1z 512 Mar 15 11:53 msd-2
-rwxrwxr-x 1 wy1z 9162 Nov 2 14:33 new
drwxrwxr-x 2 wy1z 512 Mar 15 11:51 qex
drwxrwxr-x 2 wy1z 512 Mar 15 11:50 qst
drwxrwxr-x 2 wy1z 512 Mar 15 11:53 rib
drwxrwxr-x 2 wy1z 2048 Mar 15 11:54 tis
drwxrwxr-x 2 wy1z 512 Mar 15 11:53 vec

arrl/Server-files/info/League:
total 99
-rwxrwxr-x 1 wy1z 516 Jan 5 14:58 00-index.txt
-rwxrwxr-x 1 wy1z 41528 Jan 6 11:21 catalog.txt
-rwxrwxr-x 1 wy1z 5743 Jan 5 14:58 direct.txt
-rwxrwxr-x 1 wy1z 7567 Feb 2 15:56 email.txt
-rwxrwxr-x 1 wy1z 4775 Jan 4 12:07 helpinfo.txt
-rwxrwxr-x 1 wy1z 2714 Jan 4 12:04 join.txt
-rwxrwxr-x 1 wy1z 2696 Jan 4 12:05 prospect.txt
-rwxrwxr-x 1 wy1z 5512 Jan 4 12:05 services.txt
-rwxrwxr-x 1 wy1z 26359 Jan 5 14:59 tour.txt

arrl/Server-files/info/W1AW:
total 25
-rwxrwxr-x 1 wy1z 5699 Jan 8 21:38 1993arlb.des
-rwxrwxr-x 1 wy1z 645 Jan 8 21:38 1993arld.des
-rwxrwxr-x 1 wy1z 1024 Jan 8 21:38 1993arlk.des
-rwxrwxr-x 1 wy1z 768 Jan 8 21:38 1993arlp.des
-rwxrwxr-x 1 wy1z 3116 Jan 8 21:38 1993arls.des
-rwxrwxr-x 1 wy1z 1230 Jan 8 21:38 1993arlx.des
drwxrwxr-x 2 wy1z 1024 Mar 15 11:51 amsat
drwxrwxr-x 2 wy1z 2048 Mar 15 11:51 arlb
drwxrwxr-x 2 wy1z 1536 Mar 15 11:52 arld
```

```
drwxrwxr-x 2 wy1z 1024 Mar 15 11:52 arlk
drwxrwxr-x 2 wy1z 1024 Mar 15 11:52 arlp
drwxrwxr-x 2 wy1z 1536 Mar 15 11:53 arls
drwxrwxr-x 2 wy1z 512 Mar 15 11:53 arlx

arrl/Server-files/info/W1AW/amsat:
total 132
-rwxrwxr-x 1 wy1z 2125 Jan 8 21:39 ans-191.01
-rwxrwxr-x 1 wy1z 968 Jan 8 21:39 ans-191.02
-rwxrwxr-x 1 wy1z 1208 Jan 8 21:39 ans-191.03
-rwxrwxr-x 1 wy1z 4131 Jan 8 21:39 ans-191.04
-rwxrwxr-x 1 wy1z 5743 Jan 8 21:39 sts-58.003
-rwxrwxr-x 1 wy1z 5414 Jan 8 21:39 sts-58.004
-rwxrwxr-x 1 wy1z 5663 Jan 8 21:39 sts-58.005
-rwxrwxr-x 1 wy1z 4142 Jan 8 21:39 sts-58.006
-rwxrwxr-x 1 wy1z 1291 Jan 8 21:39 sts-58.007
-rwxrwxr-x 1 wy1z 1284 Jan 8 21:39 sts-58.008
-rwxrwxr-x 1 wy1z 1032 Jan 8 21:39 sts-58.009
-rwxrwxr-x 1 wy1z 1950 Jan 8 21:39 sts-58.010
-rwxrwxr-x 1 wy1z 259 Jan 8 21:39 sts-58.011
-rwxrwxr-x 1 wy1z 1271 Jan 8 21:39 sts-58.012
-rwxrwxr-x 1 wy1z 5219 Jan 8 21:39 sts-58.013
-rwxrwxr-x 1 wy1z 5105 Jan 8 21:39 sts-58.014
-rwxrwxr-x 1 wy1z 4838 Jan 8 21:39 sts-58.015
-rwxrwxr-x 1 wy1z 3966 Jan 8 21:39 sts-58.016
-rwxrwxr-x 1 wy1z 3466 Jan 8 21:39 sts-58.017
-rwxrwxr-x 1 wy1z 1966 Jan 8 21:39 sts-58.018
-rwxrwxr-x 1 wy1z 2651 Jan 8 21:39 sts-58.019
-rwxrwxr-x 1 wy1z 5053 Jan 8 21:39 sts-58.020
-rwxrwxr-x 1 wy1z 5106 Jan 8 21:39 sts-58.021
-rwxrwxr-x 1 wy1z 4837 Jan 8 21:39 sts-58.022
-rwxrwxr-x 1 wy1z 4132 Jan 8 21:39 sts-58.023
-rwxrwxr-x 1 wy1z 3323 Jan 8 21:39 sts-58.024
-rwxrwxr-x 1 wy1z 2584 Jan 8 21:39 sts-58.025
-rwxrwxr-x 1 wy1z 3212 Jan 8 21:39 sts-58.026
-rwxrwxr-x 1 wy1z 7005 Jan 8 21:39 sts-58.027
-rwxrwxr-x 1 wy1z 6742 Jan 8 21:39 sts-58.028
-rwxrwxr-x 1 wy1z 6302 Jan 8 21:39 sts-58.029
-rwxrwxr-x 1 wy1z 5464 Jan 8 21:39 sts-58.030

arrl/Server-files/info/W1AW/arlb:
total 217
-rwxrwxr-x 1 wy1z 507 Jan 8 21:39 arlb001
-rwxrwxr-x 1 wy1z 717 Jan 8 21:39 arlb002
-rwxrwxr-x 1 wy1z 495 Jan 8 21:39 arlb003
-rwxrwxr-x 1 wy1z 2668 Jan 8 21:39 arlb004
-rwxrwxr-x 1 wy1z 1464 Jan 8 21:39 arlb005
-rwxrwxr-x 1 wy1z 1465 Jan 8 21:39 arlb006
-rwxrwxr-x 1 wy1z 1567 Jan 8 21:39 arlb007
-rwxrwxr-x 1 wy1z 492 Jan 8 21:39 arlb008
-rwxrwxr-x 1 wy1z 778 Jan 8 21:39 arlb009
```

```
-rwxrwxr-x 1 wy1z 2291 Jan 8 21:39 arlb010
-rwxrwxr-x 1 wy1z 1035 Jan 8 21:39 arlb011
-rwxrwxr-x 1 wy1z 1052 Jan 8 21:39 arlb012
-rwxrwxr-x 1 wy1z 458 Jan 8 21:39 arlb013
-rwxrwxr-x 1 wy1z 2915 Jan 8 21:39 arlb014
-rwxrwxr-x 1 wy1z 849 Jan 8 21:39 arlb015
-rwxrwxr-x 1 wy1z 1090 Jan 8 21:39 arlb016
-rwxrwxr-x 1 wy1z 1321 Jan 8 21:39 arlb017
-rwxrwxr-x 1 wy1z 1556 Jan 8 21:39 arlb018
-rwxrwxr-x 1 wy1z 1155 Jan 8 21:39 arlb019
-rwxrwxr-x 1 wy1z 1244 Jan 8 21:39 arlb020
-rwxrwxr-x 1 wy1z 1021 Jan 8 21:39 arlb021
-rwxrwxr-x 1 wy1z 1463 Jan 8 21:39 arlb022
-rwxrwxr-x 1 wy1z 2413 Jan 8 21:39 arlb023
-rwxrwxr-x 1 wy1z 2478 Jan 8 21:39 arlb024
-rwxrwxr-x 1 wy1z 1460 Jan 8 21:39 arlb025
-rwxrwxr-x 1 wy1z 1204 Jan 8 21:39 arlb026
-rwxrwxr-x 1 wy1z 1152 Jan 8 21:39 arlb027
-rwxrwxr-x 1 wy1z 1730 Jan 8 21:39 arlb028
-rwxrwxr-x 1 wy1z 1318 Jan 8 21:39 arlb029
-rwxrwxr-x 1 wy1z 1172 Jan 8 21:39 arlb030
-rwxrwxr-x 1 wy1z 926 Jan 8 21:39 arlb031
-rwxrwxr-x 1 wy1z 1957 Jan 8 21:39 arlb032
-rwxrwxr-x 1 wy1z 2477 Jan 8 21:39 arlb033
-rwxrwxr-x 1 wy1z 552 Jan 8 21:39 arlb034
-rwxrwxr-x 1 wy1z 2211 Jan 8 21:39 arlb035
-rwxrwxr-x 1 wy1z 1772 Jan 8 21:39 arlb036
-rwxrwxr-x 1 wy1z 1736 Jan 8 21:39 arlb037
-rwxrwxr-x 1 wy1z 502 Jan 8 21:39 arlb038
-rwxrwxr-x 1 wy1z 953 Jan 8 21:39 arlb039
-rwxrwxr-x 1 wy1z 776 Jan 8 21:39 arlb040
-rwxrwxr-x 1 wy1z 912 Jan 8 21:39 arlb041
-rwxrwxr-x 1 wy1z 1461 Jan 8 21:39 arlb042
-rwxrwxr-x 1 wy1z 1945 Jan 8 21:39 arlb043
-rwxrwxr-x 1 wy1z 1498 Jan 8 21:39 arlb044
-rwxrwxr-x 1 wy1z 1388 Jan 8 21:39 arlb045
-rwxrwxr-x 1 wy1z 615 Jan 8 21:39 arlb046
-rwxrwxr-x 1 wy1z 1295 Jan 8 21:39 arlb047
-rwxrwxr-x 1 wy1z 386 Jan 8 21:39 arlb048
-rwxrwxr-x 1 wy1z 2029 Jan 8 21:39 arlb049
-rwxrwxr-x 1 wy1z 1056 Jan 8 21:39 arlb050
-rwxrwxr-x 1 wy1z 1348 Jan 8 21:39 arlb051
-rwxrwxr-x 1 wy1z 1210 Jan 8 21:39 arlb052
-rwxrwxr-x 1 wy1z 1929 Jan 8 21:39 arlb053
-rwxrwxr-x 1 wy1z 1129 Jan 8 21:39 arlb054
-rwxrwxr-x 1 wy1z 2220 Jan 8 21:39 arlb055
-rwxrwxr-x 1 wy1z 1534 Jan 8 21:39 arlb056
-rwxrwxr-x 1 wy1z 1317 Jan 8 21:39 arlb057
-rwxrwxr-x 1 wy1z 1730 Jan 8 21:39 arlb058
-rwxrwxr-x 1 wy1z 697 Jan 8 21:39 arlb059
```

```
-rwxrwxr-x 1 wy1z 1450 Jan 8 21:39 arlb060
-rwxrwxr-x 1 wy1z 1124 Jan 8 21:39 arlb061
-rwxrwxr-x 1 wy1z 1231 Jan 8 21:39 arlb062
-rwxrwxr-x 1 wy1z 1459 Jan 8 21:39 arlb063
-rwxrwxr-x 1 wy1z 561 Jan 8 21:39 arlb064
-rwxrwxr-x 1 wy1z 596 Jan 8 21:39 arlb065
-rwxrwxr-x 1 wy1z 761 Jan 8 21:39 arlb066
-rwxrwxr-x 1 wy1z 2253 Jan 8 21:39 arlb067
-rwxrwxr-x 1 wy1z 2045 Jan 8 21:39 arlb068
-rwxrwxr-x 1 wy1z 653 Jan 8 21:39 arlb069
-rwxrwxr-x 1 wy1z 925 Jan 8 21:39 arlb070
-rwxrwxr-x 1 wy1z 664 Jan 8 21:39 arlb071
-rwxrwxr-x 1 wy1z 1802 Jan 8 21:39 arlb072
-rwxrwxr-x 1 wy1z 1620 Jan 8 21:39 arlb073
-rwxrwxr-x 1 wy1z 1515 Jan 8 21:39 arlb074
-rwxrwxr-x 1 wy1z 4073 Jan 8 21:39 arlb075
-rwxrwxr-x 1 wy1z 1520 Jan 8 21:39 arlb076
-rwxrwxr-x 1 wy1z 805 Jan 8 21:39 arlb077
-rwxrwxr-x 1 wy1z 1442 Jan 8 21:39 arlb078
-rwxrwxr-x 1 wy1z 2035 Jan 8 21:39 arlb079
-rwxrwxr-x 1 wy1z 862 Jan 8 21:39 arlb080
-rwxrwxr-x 1 wy1z 814 Jan 8 21:39 arlb082
-rwxrwxr-x 1 wy1z 791 Jan 8 21:39 arlb083
-rwxrwxr-x 1 wy1z 1779 Jan 8 21:39 arlb084
-rwxrwxr-x 1 wy1z 1273 Jan 8 21:39 arlb085
-rwxrwxr-x 1 wy1z 1233 Jan 8 21:39 arlb086
-rwxrwxr-x 1 wy1z 1737 Jan 8 21:39 arlb087
-rwxrwxr-x 1 wy1z 2020 Jan 8 21:39 arlb088
-rwxrwxr-x 1 wy1z 540 Jan 8 21:39 arlb089
-rwxrwxr-x 1 wy1z 1553 Jan 8 21:39 arlb090
-rwxrwxr-x 1 wy1z 1905 Jan 8 21:39 arlb091
-rwxrwxr-x 1 wy1z 1530 Jan 8 21:39 arlb092
-rwxrwxr-x 1 wy1z 1319 Jan 8 21:39 arlb093
-rwxrwxr-x 1 wy1z 1494 Jan 8 21:39 arlb094
-rwxrwxr-x 1 wy1z 1502 Jan 8 21:39 arlb095
-rwxrwxr-x 1 wy1z 1722 Jan 8 21:39 arlb096
-rwxrwxr-x 1 wy1z 2016 Jan 8 21:39 arlb097
-rwxrwxr-x 1 wy1z 1507 Jan 8 21:39 arlb098
-rwxrwxr-x 1 wy1z 970 Jan 8 21:39 arlb099
-rwxrwxr-x 1 wy1z 365 Jan 8 21:39 arlb100
-rwxrwxr-x 1 wy1z 883 Jan 8 21:39 arlb101
-rwxrwxr-x 1 wy1z 767 Jan 8 21:39 arlb102
-rwxrwxr-x 1 wy1z 1386 Jan 8 21:39 arlb103
-rwxrwxr-x 1 wy1z 1176 Jan 8 21:39 arlb104
-rwxrwxr-x 1 wy1z 794 Jan 8 21:39 arlb105
-rwxrwxr-x 1 wy1z 1768 Jan 8 21:39 arlb106
-rwxrwxr-x 1 wy1z 1505 Jan 8 21:39 arlb107
-rwxrwxr-x 1 wy1z 1155 Jan 8 21:39 arlb108
-rwxrwxr-x 1 wy1z 2047 Jan 8 21:39 arlb109
-rwxrwxr-x 1 wy1z 1561 Jan 8 21:39 arlb110
```

```
-rwxrwxr-x 1 wy1z 1511 Jan 8 21:39 arlb111
-rwxrwxr-x 1 wy1z 1566 Jan 8 21:39 arlb112
-rwxrwxr-x 1 wy1z 1427 Jan 8 21:39 arlb113
-rwxrwxr-x 1 wy1z 494 Jan 8 21:39 arlb114
-rwxrwxr-x 1 wy1z 2483 Jan 8 21:39 arlb115
-rwxrwxr-x 1 wy1z 1815 Jan 8 21:39 arlb116
-rwxrwxr-x 1 wy1z 1598 Jan 8 21:39 arlb117
-rwxrwxr-x 1 wy1z 547 Jan 8 21:39 arlb118
-rwxrwxr-x 1 wy1z 494 Jan 8 21:39 arlb119
-rwxrwxr-x 1 wy1z 1982 Jan 8 21:39 arlb120
-rwxrwxr-x 1 wy1z 1520 Jan 8 21:39 arlb121
-rwxrwxr-x 1 wy1z 510 Jan 8 21:39 arlb122

arrl/Server-files/info/W1AW/arld:
total 209
-rwxrwxr-x 1 wy1z 1964 Jan 8 21:39 arld001
-rwxrwxr-x 1 wy1z 620 Jan 8 21:39 arld002
-rwxrwxr-x 1 wy1z 1693 Jan 8 21:39 arld003
-rwxrwxr-x 1 wy1z 2223 Jan 8 21:39 arld004
-rwxrwxr-x 1 wy1z 874 Jan 8 21:39 arld005
-rwxrwxr-x 1 wy1z 3541 Jan 8 21:39 arld006
-rwxrwxr-x 1 wy1z 3388 Jan 8 21:39 arld007
-rwxrwxr-x 1 wy1z 460 Jan 8 21:39 arld008
-rwxrwxr-x 1 wy1z 3768 Jan 8 21:39 arld009
-rwxrwxr-x 1 wy1z 2112 Jan 8 21:39 arld010
-rwxrwxr-x 1 wy1z 3170 Jan 8 21:39 arld011
-rwxrwxr-x 1 wy1z 3677 Jan 8 21:39 arld012
-rwxrwxr-x 1 wy1z 2853 Jan 8 21:39 arld013
-rwxrwxr-x 1 wy1z 1949 Jan 8 21:39 arld014
-rwxrwxr-x 1 wy1z 4054 Jan 8 21:39 arld015
-rwxrwxr-x 1 wy1z 3176 Jan 8 21:39 arld016
-rwxrwxr-x 1 wy1z 4108 Jan 8 21:39 arld017
-rwxrwxr-x 1 wy1z 1401 Jan 8 21:39 arld018
-rwxrwxr-x 1 wy1z 1688 Jan 8 21:39 arld019
-rwxrwxr-x 1 wy1z 2252 Jan 8 21:39 arld020
-rwxrwxr-x 1 wy1z 3962 Jan 8 21:39 arld021
-rwxrwxr-x 1 wy1z 1229 Jan 8 21:39 arld022
-rwxrwxr-x 1 wy1z 3112 Jan 8 21:39 arld023
-rwxrwxr-x 1 wy1z 4167 Jan 8 21:39 arld024
-rwxrwxr-x 1 wy1z 2102 Jan 8 21:39 arld025
-rwxrwxr-x 1 wy1z 945 Jan 8 21:39 arld026
-rwxrwxr-x 1 wy1z 1630 Jan 8 21:39 arld027
-rwxrwxr-x 1 wy1z 3523 Jan 8 21:39 arld028
-rwxrwxr-x 1 wy1z 3329 Jan 8 21:39 arld029
-rwxrwxr-x 1 wy1z 2926 Jan 8 21:39 arld030
-rwxrwxr-x 1 wy1z 2646 Jan 8 21:39 arld031
-rwxrwxr-x 1 wy1z 2282 Jan 8 21:39 arld032
-rwxrwxr-x 1 wy1z 2126 Jan 8 21:39 arld033
-rwxrwxr-x 1 wy1z 3302 Jan 8 21:39 arld034
-rwxrwxr-x 1 wy1z 3110 Jan 8 21:39 arld035
```

```
-rwxrwxr-x 1 wy1z 817 Jan 8 21:39 arld036
-rwxrwxr-x 1 wy1z 897 Jan 8 21:39 arld037
-rwxrwxr-x 1 wy1z 2970 Jan 8 21:39 arld038
-rwxrwxr-x 1 wy1z 664 Jan 8 21:39 arld039
-rwxrwxr-x 1 wy1z 2461 Jan 8 21:39 arld040
-rwxrwxr-x 1 wy1z 1548 Jan 8 21:39 arld041
-rwxrwxr-x 1 wy1z 2764 Jan 8 21:39 arld042
-rwxrwxr-x 1 wy1z 2298 Jan 8 21:39 arld043
-rwxrwxr-x 1 wy1z 3269 Jan 8 21:39 arld044
-rwxrwxr-x 1 wy1z 2899 Jan 8 21:39 arld045
-rwxrwxr-x 1 wy1z 3011 Jan 8 21:39 arld046
-rwxrwxr-x 1 wy1z 1158 Jan 8 21:39 arld047
-rwxrwxr-x 1 wy1z 3751 Jan 8 21:39 arld048
-rwxrwxr-x 1 wy1z 3071 Jan 8 21:39 arld049
-rwxrwxr-x 1 wy1z 3009 Jan 8 21:39 arld050
-rwxrwxr-x 1 wy1z 714 Jan 8 21:39 arld051
-rwxrwxr-x 1 wy1z 3107 Jan 8 21:39 arld052
-rwxrwxr-x 1 wy1z 2378 Jan 8 21:39 arld053
-rwxrwxr-x 1 wy1z 978 Jan 8 21:39 arld054
-rwxrwxr-x 1 wy1z 4214 Jan 8 21:39 arld055
-rwxrwxr-x 1 wy1z 3186 Jan 8 21:39 arld056
-rwxrwxr-x 1 wy1z 4017 Jan 8 21:39 arld057
-rwxrwxr-x 1 wy1z 3194 Jan 8 21:39 arld058
-rwxrwxr-x 1 wy1z 1242 Jan 8 21:39 arld059
-rwxrwxr-x 1 wy1z 661 Jan 8 21:39 arld060
-rwxrwxr-x 1 wy1z 3518 Jan 8 21:39 arld061
-rwxrwxr-x 1 wy1z 661 Jan 8 21:39 arld062
-rwxrwxr-x 1 wy1z 3092 Jan 8 21:39 arld063
-rwxrwxr-x 1 wy1z 4159 Jan 8 21:39 arld064
-rwxrwxr-x 1 wy1z 1354 Jan 8 21:39 arld065
-rwxrwxr-x 1 wy1z 2293 Jan 8 21:39 arld066
-rwxrwxr-x 1 wy1z 3347 Jan 8 21:39 arld067
-rwxrwxr-x 1 wy1z 1043 Jan 8 21:39 arld068
-rwxrwxr-x 1 wy1z 2271 Jan 8 21:39 arld069
-rwxrwxr-x 1 wy1z 2896 Jan 8 21:39 arld070
-rwxrwxr-x 1 wy1z 2663 Jan 8 21:39 arld071

arrl/Server-files/info/W1AW/arlk:
total 223
-rwxrwxr-x 1 wy1z 3157 Jan 8 21:39 arlk001
-rwxrwxr-x 1 wy1z 3158 Jan 8 21:39 arlk002
-rwxrwxr-x 1 wy1z 3314 Jan 8 21:39 arlk003
-rwxrwxr-x 1 wy1z 3159 Jan 8 21:39 arlk004
-rwxrwxr-x 1 wy1z 3314 Jan 8 21:39 arlk005
-rwxrwxr-x 1 wy1z 3314 Jan 8 21:39 arlk006
-rwxrwxr-x 1 wy1z 3316 Jan 8 21:39 arlk007
-rwxrwxr-x 1 wy1z 3161 Jan 8 21:39 arlk008
-rwxrwxr-x 1 wy1z 3158 Jan 8 21:39 arlk009
-rwxrwxr-x 1 wy1z 3155 Jan 8 21:39 arlk010
-rwxrwxr-x 1 wy1z 3156 Jan 8 21:39 arlk011
```

```
-rwxrwxr-x 1 wy1z 3157 Jan 8 21:39 arlk012
-rwxrwxr-x 1 wy1z 3157 Jan 8 21:39 arlk013
-rwxrwxr-x 1 wy1z 3157 Jan 8 21:39 arlk014
-rwxrwxr-x 1 wy1z 3313 Jan 8 21:39 arlk015
-rwxrwxr-x 1 wy1z 3158 Jan 8 21:39 arlk016
-rwxrwxr-x 1 wy1z 3158 Jan 8 21:39 arlk017
-rwxrwxr-x 1 wy1z 3308 Jan 8 21:39 arlk018
-rwxrwxr-x 1 wy1z 3153 Jan 8 21:39 arlk019
-rwxrwxr-x 1 wy1z 3154 Jan 8 21:39 arlk020
-rwxrwxr-x 1 wy1z 3154 Jan 8 21:39 arlk021
-rwxrwxr-x 1 wy1z 3462 Jan 8 21:39 arlk022
-rwxrwxr-x 1 wy1z 3309 Jan 8 21:39 arlk023
-rwxrwxr-x 1 wy1z 3311 Jan 8 21:39 arlk024
-rwxrwxr-x 1 wy1z 3311 Jan 8 21:39 arlk025
-rwxrwxr-x 1 wy1z 3466 Jan 8 21:39 arlk026
-rwxrwxr-x 1 wy1z 3154 Jan 8 21:39 arlk027
-rwxrwxr-x 1 wy1z 3156 Jan 8 21:39 arlk028
-rwxrwxr-x 1 wy1z 3311 Jan 8 21:39 arlk029
-rwxrwxr-x 1 wy1z 3312 Jan 8 21:39 arlk030
-rwxrwxr-x 1 wy1z 3312 Jan 8 21:39 arlk031
-rwxrwxr-x 1 wy1z 3160 Jan 8 21:39 arlk032
-rwxrwxr-x 1 wy1z 3160 Jan 8 21:39 arlk033
-rwxrwxr-x 1 wy1z 3471 Jan 8 21:39 arlk034
-rwxrwxr-x 1 wy1z 3315 Jan 8 21:39 arlk035
-rwxrwxr-x 1 wy1z 3319 Jan 8 21:39 arlk036
-rwxrwxr-x 1 wy1z 3476 Jan 8 21:39 arlk037
-rwxrwxr-x 1 wy1z 3321 Jan 8 21:39 arlk038
-rwxrwxr-x 1 wy1z 3632 Jan 8 21:39 arlk039
-rwxrwxr-x 1 wy1z 3476 Jan 8 21:39 arlk040
-rwxrwxr-x 1 wy1z 3470 Jan 8 21:39 arlk041
-rwxrwxr-x 1 wy1z 3628 Jan 8 21:39 arlk042
-rwxrwxr-x 1 wy1z 3996 Jan 8 21:39 arlk043
-rwxrwxr-x 1 wy1z 3998 Jan 8 21:39 arlk044
-rwxrwxr-x 1 wy1z 4146 Jan 8 21:39 arlk045
-rwxrwxr-x 1 wy1z 3934 Jan 8 21:39 arlk046
-rwxrwxr-x 1 wy1z 3993 Jan 8 21:39 arlk047
-rwxrwxr-x 1 wy1z 3993 Jan 8 21:39 arlk048
-rwxrwxr-x 1 wy1z 3934 Jan 8 21:39 arlk049
-rwxrwxr-x 1 wy1z 3993 Jan 8 21:39 arlk050
-rwxrwxr-x 1 wy1z 4242 Jan 8 21:39 arlk051
-rwxrwxr-x 1 wy1z 4303 Jan 8 21:39 arlk052
-rwxrwxr-x 1 wy1z 3993 Jan 8 21:39 arlk053
-rwxrwxr-x 1 wy1z 3992 Jan 8 21:39 arlk054
-rwxrwxr-x 1 wy1z 3989 Jan 8 21:39 arlk055

arrl/Server-files/info/W1AW/arlp:
total 128
-rwxrwxr-x 1 wy1z 1918 Jan 8 21:39 arlp001
-rwxrwxr-x 1 wy1z 1431 Jan 8 21:39 arlp002
-rwxrwxr-x 1 wy1z 2246 Jan 8 21:39 arlp003
```

```
-rwxrwxr-x 1 wy1z 1647 Jan 8 21:39 arlp004
-rwxrwxr-x 1 wy1z 1654 Jan 8 21:39 arlp005
-rwxrwxr-x 1 wy1z 1597 Jan 8 21:39 arlp006
-rwxrwxr-x 1 wy1z 1504 Jan 8 21:39 arlp007
-rwxrwxr-x 1 wy1z 1523 Jan 8 21:39 arlp008
-rwxrwxr-x 1 wy1z 2020 Jan 8 21:39 arlp009
-rwxrwxr-x 1 wy1z 2287 Jan 8 21:39 arlp010
-rwxrwxr-x 1 wy1z 2477 Jan 8 21:39 arlp011
-rwxrwxr-x 1 wy1z 1914 Jan 8 21:39 arlp012
-rwxrwxr-x 1 wy1z 1714 Jan 8 21:39 arlp013
-rwxrwxr-x 1 wy1z 1709 Jan 8 21:39 arlp014
-rwxrwxr-x 1 wy1z 1895 Jan 8 21:39 arlp015
-rwxrwxr-x 1 wy1z 2259 Jan 8 21:39 arlp016
-rwxrwxr-x 1 wy1z 2250 Jan 8 21:39 arlp017
-rwxrwxr-x 1 wy1z 2517 Jan 8 21:39 arlp018
-rwxrwxr-x 1 wy1z 1720 Jan 8 21:39 arlp019
-rwxrwxr-x 1 wy1z 1454 Jan 8 21:39 arlp020
-rwxrwxr-x 1 wy1z 2265 Jan 8 21:39 arlp021
-rwxrwxr-x 1 wy1z 1921 Jan 8 21:39 arlp022
-rwxrwxr-x 1 wy1z 2018 Jan 8 21:39 arlp023
-rwxrwxr-x 1 wy1z 1447 Jan 8 21:39 arlp024
-rwxrwxr-x 1 wy1z 2298 Jan 8 21:39 arlp025
-rwxrwxr-x 1 wy1z 1432 Jan 8 21:39 arlp026
-rwxrwxr-x 1 wy1z 1963 Jan 8 21:39 arlp027
-rwxrwxr-x 1 wy1z 2170 Jan 8 21:39 arlp028
-rwxrwxr-x 1 wy1z 2223 Jan 8 21:39 arlp029
-rwxrwxr-x 1 wy1z 2699 Jan 8 21:39 arlp030
-rwxrwxr-x 1 wy1z 2291 Jan 8 21:39 arlp031
-rwxrwxr-x 1 wy1z 2123 Jan 8 21:39 arlp032
-rwxrwxr-x 1 wy1z 2530 Jan 8 21:39 arlp033
-rwxrwxr-x 1 wy1z 2729 Jan 8 21:39 arlp034
-rwxrwxr-x 1 wy1z 2548 Jan 8 21:39 arlp035
-rwxrwxr-x 1 wy1z 1938 Jan 8 21:39 arlp036
-rwxrwxr-x 1 wy1z 1914 Jan 8 21:39 arlp037
-rwxrwxr-x 1 wy1z 2158 Jan 8 21:39 arlp038
-rwxrwxr-x 1 wy1z 1950 Jan 8 21:39 arlp039
-rwxrwxr-x 1 wy1z 1946 Jan 8 21:39 arlp040
-rwxrwxr-x 1 wy1z 1533 Jan 8 21:39 arlp041
-rwxrwxr-x 1 wy1z 2002 Jan 8 21:39 arlp042
-rwxrwxr-x 1 wy1z 2269 Jan 8 21:39 arlp043
-rwxrwxr-x 1 wy1z 1868 Jan 8 21:39 arlp044
-rwxrwxr-x 1 wy1z 2214 Jan 8 21:39 arlp045
-rwxrwxr-x 1 wy1z 2319 Jan 8 21:39 arlp046
-rwxrwxr-x 1 wy1z 1694 Jan 8 21:39 arlp047
-rwxrwxr-x 1 wy1z 2327 Jan 8 21:39 arlp048
-rwxrwxr-x 1 wy1z 2408 Jan 8 21:39 arlp049
-rwxrwxr-x 1 wy1z 1586 Jan 8 21:39 arlp050
-rwxrwxr-x 1 wy1z 1684 Jan 8 21:39 arlp051
-rwxrwxr-x 1 wy1z 3328 Jan 8 21:39 arlp052
```

```
arrl/Server-files/info/W1AW/arls:
total 124
-rwxrwxr-x 1 wy1z 2853 Jan 8 21:39 arls001
-rwxrwxr-x 1 wy1z 1211 Jan 8 21:39 arls002
-rwxrwxr-x 1 wy1z 1235 Jan 8 21:39 arls003
-rwxrwxr-x 1 wy1z 970 Jan 8 21:39 arls004
-rwxrwxr-x 1 wy1z 1677 Jan 8 21:39 arls005
-rwxrwxr-x 1 wy1z 657 Jan 8 21:39 arls006
-rwxrwxr-x 1 wy1z 522 Jan 8 21:39 arls007
-rwxrwxr-x 1 wy1z 3204 Jan 8 21:39 arls008
-rwxrwxr-x 1 wy1z 564 Jan 8 21:39 arls009
-rwxrwxr-x 1 wy1z 624 Jan 8 21:39 arls010
-rwxrwxr-x 1 wy1z 635 Jan 8 21:39 arls011
-rwxrwxr-x 1 wy1z 1501 Jan 8 21:39 arls012
-rwxrwxr-x 1 wy1z 1045 Jan 8 21:39 arls013
-rwxrwxr-x 1 wy1z 854 Jan 8 21:39 arls014
-rwxrwxr-x 1 wy1z 2581 Jan 8 21:39 arls015
-rwxrwxr-x 1 wy1z 1475 Jan 8 21:39 arls016
-rwxrwxr-x 1 wy1z 1107 Jan 8 21:39 arls017
-rwxrwxr-x 1 wy1z 1464 Jan 8 21:39 arls018
-rwxrwxr-x 1 wy1z 1286 Jan 8 21:39 arls019
-rwxrwxr-x 1 wy1z 3133 Jan 8 21:39 arls020
-rwxrwxr-x 1 wy1z 1365 Jan 8 21:39 arls021
-rwxrwxr-x 1 wy1z 1736 Jan 8 21:39 arls022
-rwxrwxr-x 1 wy1z 1058 Jan 8 21:39 arls023
-rwxrwxr-x 1 wy1z 496 Jan 8 21:39 arls024
-rwxrwxr-x 1 wy1z 685 Jan 8 21:39 arls025
-rwxrwxr-x 1 wy1z 422 Jan 8 21:39 arls026
-rwxrwxr-x 1 wy1z 1526 Jan 8 21:39 arls027
-rwxrwxr-x 1 wy1z 966 Jan 8 21:39 arls028
-rwxrwxr-x 1 wy1z 862 Jan 8 21:39 arls029
-rwxrwxr-x 1 wy1z 940 Jan 8 21:39 arls030
-rwxrwxr-x 1 wy1z 1402 Jan 8 21:39 arls031
-rwxrwxr-x 1 wy1z 617 Jan 8 21:39 arls032
-rwxrwxr-x 1 wy1z 1305 Jan 8 21:39 arls033
-rwxrwxr-x 1 wy1z 1842 Jan 8 21:39 arls034
-rwxrwxr-x 1 wy1z 1159 Jan 8 21:39 arls035
-rwxrwxr-x 1 wy1z 1936 Jan 8 21:39 arls036
-rwxrwxr-x 1 wy1z 2266 Jan 8 21:39 arls037
-rwxrwxr-x 1 wy1z 1276 Jan 8 21:39 arls038
-rwxrwxr-x 1 wy1z 2899 Jan 8 21:39 arls039
-rwxrwxr-x 1 wy1z 1068 Jan 8 21:39 arls040
-rwxrwxr-x 1 wy1z 913 Jan 8 21:39 arls041
-rwxrwxr-x 1 wy1z 1613 Jan 8 21:39 arls042
-rwxrwxr-x 1 wy1z 2603 Jan 8 21:39 arls043
-rwxrwxr-x 1 wy1z 711 Jan 8 21:39 arls044
-rwxrwxr-x 1 wy1z 1378 Jan 8 21:39 arls045
-rwxrwxr-x 1 wy1z 1428 Jan 8 21:39 arls046
-rwxrwxr-x 1 wy1z 604 Jan 8 21:39 arls047
-rwxrwxr-x 1 wy1z 1735 Jan 8 21:39 arls048
-rwxrwxr-x 1 wy1z 2102 Jan 8 21:39 arls049
```

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-rwxrwxr-x 1 wy1z 2578 Jan 8 21:39 arls050
-rwxrwxr-x 1 wy1z 1193 Jan 8 21:39 arls051
-rwxrwxr-x 1 wy1z 582 Jan 8 21:39 arls052
-rwxrwxr-x 1 wy1z 907 Jan 8 21:39 arls053
-rwxrwxr-x 1 wy1z 927 Jan 8 21:39 arls054
-rwxrwxr-x 1 wy1z 2070 Jan 8 21:39 arls055
-rwxrwxr-x 1 wy1z 1879 Jan 8 21:39 arls056
-rwxrwxr-x 1 wy1z 2443 Jan 8 21:39 arls057
-rwxrwxr-x 1 wy1z 2577 Jan 8 21:39 arls058
-rwxrwxr-x 1 wy1z 1549 Jan 8 21:39 arls059
-rwxrwxr-x 1 wy1z 2548 Jan 8 21:39 arls060
-rwxrwxr-x 1 wy1z 2362 Jan 8 21:39 arls061
-rwxrwxr-x 1 wy1z 698 Jan 8 21:39 arls062
-rwxrwxr-x 1 wy1z 2208 Jan 8 21:39 arls063
-rwxrwxr-x 1 wy1z 1178 Jan 8 21:39 arls064

arrl/Server-files/info/W1AW/arlx:
total 33
-rwxrwxr-x 1 wy1z 486 Jan 8 21:39 arlx001
-rwxrwxr-x 1 wy1z 1382 Jan 8 21:39 arlx002
-rwxrwxr-x 1 wy1z 1984 Jan 8 21:39 arlx003
-rwxrwxr-x 1 wy1z 1079 Jan 8 21:39 arlx004
-rwxrwxr-x 1 wy1z 788 Jan 8 21:39 arlx005
-rwxrwxr-x 1 wy1z 1422 Jan 8 21:39 arlx006
-rwxrwxr-x 1 wy1z 333 Jan 8 21:39 arlx007
-rwxrwxr-x 1 wy1z 554 Jan 8 21:39 arlx008
-rwxrwxr-x 1 wy1z 1147 Jan 8 21:39 arlx009
-rwxrwxr-x 1 wy1z 997 Jan 8 21:39 arlx010
-rwxrwxr-x 1 wy1z 1632 Jan 8 21:39 arlx011
-rwxrwxr-x 1 wy1z 677 Jan 8 21:39 arlx012
-rwxrwxr-x 1 wy1z 706 Jan 8 21:39 arlx013
-rwxrwxr-x 1 wy1z 1065 Jan 8 21:39 arlx014
-rwxrwxr-x 1 wy1z 864 Jan 8 21:39 arlx015
-rwxrwxr-x 1 wy1z 829 Jan 8 21:39 arlx016
-rwxrwxr-x 1 wy1z 848 Jan 8 21:39 arlx017
-rwxrwxr-x 1 wy1z 849 Jan 8 21:39 arlx018
-rwxrwxr-x 1 wy1z 619 Jan 8 21:39 arlx019
-rwxrwxr-x 1 wy1z 852 Jan 8 21:39 arlx020
-rwxrwxr-x 1 wy1z 1181 Jan 8 21:39 arlx021
-rwxrwxr-x 1 wy1z 1728 Jan 8 21:39 arlx022
-rwxrwxr-x 1 wy1z 1665 Jan 8 21:39 arlx023

arrl/Server-files/info/bib:
total 589
-rwxrwxr-x 1 wy1z 8306 Jan 8 21:35 !index.txt
-rwxrwxr-x 1 wy1z 5984 Jan 8 21:35 !list.txt
-rwxrwxr-x 1 wy1z 4420 Jan 8 21:35 altpwr.txt
-rwxrwxr-x 1 wy1z 4470 Jan 8 21:35 amtor.txt
-rwxrwxr-x 1 wy1z 10222 Jan 8 21:35 ant16040.txt
-rwxrwxr-x 1 wy1z 8166 Jan 8 21:35 ant3010.txt
-rwxrwxr-x 1 wy1z 2757 Jan 8 21:35 antcurt.txt
```

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-rwxrwxr-x 1 wy1z 9245 Jan 8 21:35 antlimsp.txt
-rwxrwxr-x 1 wy1z 3218 Jan 8 21:35 antlog.txt
-rwxrwxr-x 1 wy1z 11682 Jan 8 21:35 antloop.txt
-rwxrwxr-x 1 wy1z 3129 Jan 8 21:35 antmatch.txt
-rwxrwxr-x 1 wy1z 3340 Jan 8 21:35 antmobil.txt
-rwxrwxr-x 1 wy1z 2629 Jan 8 21:35 antrot.txt
-rwxrwxr-x 1 wy1z 2617 Jan 8 21:35 antswitc.txt
-rwxrwxr-x 1 wy1z 5459 Jan 8 21:35 anttheor.txt
-rwxrwxr-x 1 wy1z 3893 Jan 8 21:35 antvee.txt
-rwxrwxr-x 1 wy1z 6515 Jan 8 21:35 antvert.txt
-rwxrwxr-x 1 wy1z 7223 Jan 8 21:35 antvhf.txt
-rwxrwxr-x 1 wy1z 2247 Jan 8 21:35 apple.txt
-rwxrwxr-x 1 wy1z 2738 Jan 8 21:35 atari.txt
-rwxrwxr-x 1 wy1z 2390 Jan 8 21:35 atv.txt
-rwxrwxr-x 1 wy1z 14489 Jan 8 21:35 basconst.txt
-rwxrwxr-x 1 wy1z 20400 Jan 8 21:35 baselect.txt
-rwxrwxr-x 1 wy1z 4285 Jan 8 21:35 battery.txt
-rwxrwxr-x 1 wy1z 1999 Jan 8 21:35 bicycle.txt
-rwxrwxr-x 1 wy1z 2902 Jan 8 21:35 bioeff.txt
-rwxrwxr-x 1 wy1z 2566 Jan 8 21:35 cbconv.txt
-rwxrwxr-x 1 wy1z 1962 Jan 8 21:35 clover.txt
-rwxrwxr-x 1 wy1z 4287 Jan 8 21:35 coax.txt
-rwxrwxr-x 1 wy1z 2168 Jan 8 21:35 collins.txt
-rwxrwxr-x 1 wy1z 4639 Jan 8 21:35 compgen.txt
-rwxrwxr-x 1 wy1z 2665 Jan 8 21:35 contest.txt
-rwxrwxr-x 1 wy1z 2843 Jan 8 21:35 crystal.txt
-rwxrwxr-x 1 wy1z 4142 Jan 8 21:35 dfing.txt
-rwxrwxr-x 1 wy1z 2036 Jan 8 21:35 diverse.txt
-rwxrwxr-x 1 wy1z 3240 Jan 8 21:35 drake.txt
-rwxrwxr-x 1 wy1z 2067 Jan 8 21:35 dsp.txt
-rwxrwxr-x 1 wy1z 3180 Jan 8 21:35 dtmf.txt
-rwxrwxr-x 1 wy1z 2303 Jan 8 21:35 echo.txt
-rwxrwxr-x 1 wy1z 20308 Jan 8 21:35 eme.txt
-rwxrwxr-x 1 wy1z 2293 Jan 8 21:35 esd.txt
-rwxrwxr-x 1 wy1z 7358 Jan 8 21:35 fax.txt
-rwxrwxr-x 1 wy1z 1913 Jan 8 21:35 fiber.txt
-rwxrwxr-x 1 wy1z 4847 Jan 8 21:35 filteraf.txt
-rwxrwxr-x 1 wy1z 3113 Jan 8 21:35 filterif.txt
-rwxrwxr-x 1 wy1z 3682 Jan 8 21:35 filterrf.txt
-rwxrwxr-x 1 wy1z 2489 Jan 8 21:35 grounds.txt
-rwxrwxr-x 1 wy1z 4561 Jan 8 21:35 handicap.txt
-rwxrwxr-x 1 wy1z 3839 Jan 8 21:35 heath.txt
-rwxrwxr-x 1 wy1z 3972 Jan 8 21:35 historic.txt
-rwxrwxr-x 1 wy1z 4310 Jan 8 21:35 hmbrwcmp.txt
-rwxrwxr-x 1 wy1z 2176 Jan 8 21:35 ibm.txt
-rwxrwxr-x 1 wy1z 2993 Jan 8 21:35 ic.txt
-rwxrwxr-x 1 wy1z 2623 Jan 8 21:35 icom.txt
-rwxrwxr-x 1 wy1z 2574 Jan 8 21:35 kenwood.txt
-rwxrwxr-x 1 wy1z 7894 Jan 8 21:35 keyer.txt
-rwxrwxr-x 1 wy1z 2031 Jan 8 21:35 light.txt
```

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-rwxrwxr-x 1 wy1z 2838 Jan 8 21:35 lightnin.txt
-rwxrwxr-x 1 wy1z 1927 Jan 8 21:35 mfj.txt
-rwxrwxr-x 1 wy1z 2685 Jan 8 21:35 microwv.txt
-rwxrwxr-x 1 wy1z 2016 Jan 8 21:35 nbvm.txt
-rwxrwxr-x 1 wy1z 8156 Jan 8 21:35 oscope.txt
-rwxrwxr-x 1 wy1z 5375 Jan 8 21:35 packet.txt
-rwxrwxr-x 1 wy1z 1947 Jan 8 21:35 pactor.txt
-rwxrwxr-x 1 wy1z 4713 Jan 8 21:35 pcbrd.txt
-rwxrwxr-x 1 wy1z 4101 Jan 8 21:35 prog.txt
-rwxrwxr-x 1 wy1z 2187 Jan 8 21:35 projacc.txt
-rwxrwxr-x 1 wy1z 8083 Jan 8 21:35 prop.txt
-rwxrwxr-x 1 wy1z 2413 Jan 8 21:35 public.txt
-rwxrwxr-x 1 wy1z 6697 Jan 8 21:35 pwrsupp.txt
-rwxrwxr-x 1 wy1z 4628 Jan 8 21:35 qrp.txt
-rwxrwxr-x 1 wy1z 3057 Jan 8 21:35 radastro.txt
-rwxrwxr-x 1 wy1z 8321 Jan 8 21:35 rcvrhf.txt
-rwxrwxr-x 1 wy1z 5788 Jan 8 21:35 rcvrvhf.txt
-rwxrwxr-x 1 wy1z 3168 Jan 8 21:35 remote.txt
-rwxrwxr-x 1 wy1z 7862 Jan 8 21:35 rfi.txt
-rwxrwxr-x 1 wy1z 2115 Jan 8 21:35 rfipcmkr.txt
-rwxrwxr-x 1 wy1z 4906 Jan 8 21:35 rptr.txt
-rwxrwxr-x 1 wy1z 22724 Jan 8 21:35 rtty.txt
-rwxrwxr-x 1 wy1z 2363 Jan 8 21:35 safety.txt
-rwxrwxr-x 1 wy1z 2364 Jan 8 21:35 sarex.txt
-rwxrwxr-x 1 wy1z 45420 Jan 8 21:35 sat.txt
-rwxrwxr-x 1 wy1z 2764 Jan 8 21:35 speech.txt
-rwxrwxr-x 1 wy1z 2690 Jan 8 21:35 spread.txt
-rwxrwxr-x 1 wy1z 1911 Jan 8 21:35 sstv.txt
-rwxrwxr-x 1 wy1z 2197 Jan 8 21:35 surface.txt
-rwxrwxr-x 1 wy1z 3433 Jan 8 21:35 surplus.txt
-rwxrwxr-x 1 wy1z 5479 Jan 8 21:35 swr.txt
-rwxrwxr-x 1 wy1z 4183 Jan 8 21:35 synth.txt
-rwxrwxr-x 1 wy1z 2228 Jan 8 21:35 tentec.txt
-rwxrwxr-x 1 wy1z 14329 Jan 8 21:35 testeqpt.txt
-rwxrwxr-x 1 wy1z 2032 Jan 8 21:35 time.txt
-rwxrwxr-x 1 wy1z 4976 Jan 8 21:35 tower.txt
-rwxrwxr-x 1 wy1z 2297 Jan 8 21:35 trs.txt
-rwxrwxr-x 1 wy1z 18389 Jan 8 21:35 tv.txt
-rwxrwxr-x 1 wy1z 8866 Jan 8 21:35 up.txt
-rwxrwxr-x 1 wy1z 2384 Jan 8 21:35 vic.txt
-rwxrwxr-x 1 wy1z 3480 Jan 8 21:35 vlf.txt
-rwxrwxr-x 1 wy1z 4440 Jan 8 21:35 warc.txt
-rwxrwxr-x 1 wy1z 2035 Jan 8 21:35 weaksig.txt
-rwxrwxr-x 1 wy1z 10407 Jan 8 21:35 xmtrhf.txt
-rwxrwxr-x 1 wy1z 7652 Jan 8 21:35 xmtrvhf.txt
-rwxrwxr-x 1 wy1z 2507 Jan 8 21:35 yaesu.txt

arrl/Server-files/info/circ:
total 52
-rwxrwxr-x 1 wy1z 43648 Jan 3 12:55 arrlcat.txt
```

```
-rwxrwxr-x 1 wy1z 2803 Jul 13 1993 join.txt
-rwxrwxr-x 1 wy1z 5637 Dec 2 17:41 services.txt

arrl/Server-files/info/clubs:
total 261
-rwxrwxr-x 1 wy1z 1846 Jan 8 21:29 clubs.ak
-rwxrwxr-x 1 wy1z 3889 Jan 8 21:29 clubs.al
-rwxrwxr-x 1 wy1z 3644 Jan 8 21:29 clubs.ar
-rwxrwxr-x 1 wy1z 3188 Jan 8 21:29 clubs.az
-rwxrwxr-x 1 wy1z 19643 Jan 8 21:29 clubs.ca
-rwxrwxr-x 1 wy1z 3139 Jan 8 21:29 clubs.co
-rwxrwxr-x 1 wy1z 4453 Jan 8 21:29 clubs.ct
-rwxrwxr-x 1 wy1z 1426 Jan 8 21:29 clubs.dc
-rwxrwxr-x 1 wy1z 1894 Jan 8 21:29 clubs.de
-rwxrwxr-x 1 wy1z 9796 Jan 8 21:29 clubs.fl
-rwxrwxr-x 1 wy1z 4807 Jan 8 21:29 clubs.ga
-rwxrwxr-x 1 wy1z 1640 Jan 8 21:29 clubs.hi
-rwxrwxr-x 1 wy1z 3178 Jan 8 21:29 clubs.ia
-rwxrwxr-x 1 wy1z 1955 Jan 8 21:29 clubs.id
-rwxrwxr-x 1 wy1z 6744 Jan 8 21:29 clubs.il
-rwxrwxr-x 1 wy1z 6868 Jan 8 21:29 clubs.in
-rwxrwxr-x 1 wy1z 4221 Jan 8 21:29 clubs.ks
-rwxrwxr-x 1 wy1z 3087 Jan 8 21:29 clubs.ky
-rwxrwxr-x 1 wy1z 3423 Jan 8 21:29 clubs.la
-rwxrwxr-x 1 wy1z 6222 Jan 8 21:29 clubs.ma
-rwxrwxr-x 1 wy1z 4845 Jan 8 21:29 clubs.md
-rwxrwxr-x 1 wy1z 2570 Jan 8 21:29 clubs.me
-rwxrwxr-x 1 wy1z 7429 Jan 8 21:29 clubs.mi
-rwxrwxr-x 1 wy1z 4655 Jan 8 21:29 clubs.mn
-rwxrwxr-x 1 wy1z 5385 Jan 8 21:29 clubs.mo
-rwxrwxr-x 1 wy1z 2396 Jan 8 21:29 clubs.ms
-rwxrwxr-x 1 wy1z 2270 Jan 8 21:29 clubs.mt
-rwxrwxr-x 1 wy1z 4391 Jan 8 21:29 clubs.nc
-rwxrwxr-x 1 wy1z 1385 Jan 8 21:29 clubs.nd
-rwxrwxr-x 1 wy1z 2324 Jan 8 21:29 clubs.ne
-rwxrwxr-x 1 wy1z 2850 Jan 8 21:29 clubs.nh
-rwxrwxr-x 1 wy1z 7211 Jan 8 21:29 clubs.nj
-rwxrwxr-x 1 wy1z 2343 Jan 8 21:29 clubs.nm
-rwxrwxr-x 1 wy1z 2006 Jan 8 21:29 clubs.nv
-rwxrwxr-x 1 wy1z 13706 Jan 8 21:29 clubs.ny
-rwxrwxr-x 1 wy1z 10039 Jan 8 21:29 clubs.oh
-rwxrwxr-x 1 wy1z 2627 Jan 8 21:29 clubs.ok
-rwxrwxr-x 1 wy1z 3600 Jan 8 21:29 clubs.or
-rwxrwxr-x 1 wy1z 11174 Jan 8 21:29 clubs.pa
-rwxrwxr-x 1 wy1z 1241 Jan 8 21:29 clubs.pr
-rwxrwxr-x 1 wy1z 1974 Jan 8 21:29 clubs.ri
-rwxrwxr-x 1 wy1z 2551 Jan 8 21:29 clubs.sc
-rwxrwxr-x 1 wy1z 2044 Jan 8 21:29 clubs.sd
-rwxrwxr-x 1 wy1z 4584 Jan 8 21:29 clubs.tn
-rwxrwxr-x 1 wy1z 11284 Jan 8 21:29 clubs.tx
```

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-rwxrwxr-x 1 wy1z 1325 Jan 8 21:29 clubs.ut
-rwxrwxr-x 1 wy1z 5136 Jan 8 21:29 clubs.va
-rwxrwxr-x 1 wy1z 1232 Jan 8 21:29 clubs.vi
-rwxrwxr-x 1 wy1z 2010 Jan 8 21:29 clubs.vt
-rwxrwxr-x 1 wy1z 5965 Jan 8 21:29 clubs.wa
-rwxrwxr-x 1 wy1z 4447 Jan 8 21:29 clubs.wi
-rwxrwxr-x 1 wy1z 3093 Jan 8 21:29 clubs.wv
-rwxrwxr-x 1 wy1z 1657 Jan 8 21:29 clubs.wy
-rwxrwxr-x 1 wy1z 384 Jan 8 21:29 clubs.xx

arrl/Server-files/info/ead:
total 67
-rwxrwxr-x 1 wy1z 6627 Apr 23 1993 abtest.asc
-rwxrwxr-x 1 wy1z 2816 May 14 1993 prospect.txt
-rwxrwxr-x 1 wy1z 1645 Dec 3 1992 sarex
-rwxrwxr-x 1 wy1z 3293 May 18 1993 sarex.1
-rwxrwxr-x 1 wy1z 8747 May 18 1993 sarex.2
-rwxrwxr-x 1 wy1z 6108 Aug 12 1993 sarex.3
-rwxrwxr-x 1 wy1z 1843 May 18 1993 sarex.4
-rwxrwxr-x 1 wy1z 21850 Aug 12 1993 sarex.5
-rwxrwxr-x 1 wy1z 7015 Aug 12 1993 sarex.6
-rwxrwxr-x 1 wy1z 4637 Oct 27 17:54 video.asc

arrl/Server-files/info/evp:
total 6
-rwxrwxr-x 1 wy1z 5250 May 18 1993 director.txt

arrl/Server-files/info/faq:
total 665
-rwxrwxr-x 1 wy1z 9769 Jan 8 21:32 elmers.inf
-rwxrwxr-x 1 wy1z 65745 Jan 8 21:32 elmers.lst
-rwxrwxr-x 1 wy1z 25356 Jan 8 21:32 faq1.txt
-rwxrwxr-x 1 wy1z 47086 Jan 8 21:32 faq2.txt
-rwxrwxr-x 1 wy1z 35419 Jan 8 21:32 faq3.txt
-rwxrwxr-x 1 wy1z 13069 Jan 8 21:32 faq6m.txt
-rwxrwxr-x 1 wy1z 48512 Jan 8 21:32 faqaud1.txt
-rwxrwxr-x 1 wy1z 49261 Jan 8 21:32 faqaud2.txt
-rwxrwxr-x 1 wy1z 12786 Jan 8 21:32 faqbook.txt
-rwxrwxr-x 1 wy1z 11120 Jan 8 21:32 faqcb1.txt
-rwxrwxr-x 1 wy1z 31430 Jan 8 21:32 faqcb2.txt
-rwxrwxr-x 1 wy1z 11028 Jan 8 21:32 faqcb3.txt
-rwxrwxr-x 1 wy1z 15771 Jan 8 21:32 faqcb4.txt
-rwxrwxr-x 1 wy1z 39658 Jan 8 21:32 faqdigi.txt
-rwxrwxr-x 1 wy1z 67884 Jan 8 21:32 faqdsp1.txt
-rwxrwxr-x 1 wy1z 41870 Jan 8 21:32 faqdsp2.txt
-rwxrwxr-x 1 wy1z 17600 Jan 8 21:32 faqdsp3.txt
-rwxrwxr-x 1 wy1z 5934 Jan 8 21:32 faqdsp4.txt
-rwxrwxr-x 1 wy1z 12036 Jan 8 21:32 faqindex.txt
-rwxrwxr-x 1 wy1z 34817 Jan 8 21:32 faqrtty.txt
-rwxrwxr-x 1 wy1z 18572 Jan 8 21:32 faqscan.txt
-rwxrwxr-x 1 wy1z 3219 Jan 8 21:32 faqsw1.txt
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-rwxrwxr-x 1 wy1z 25563 Jan 8 21:32 faqsw2.txt
-rwxrwxr-x 1 wy1z 25842 Jan 8 21:32 faqswam.txt

arrl/Server-files/info/hiram:
total 915
-rwxrwxr-x 1 wy1z 167 Dec 3 1992 !read.me
-rwxrwxr-x 1 wy1z 2816 Dec 3 1992 10-10.inf
-rwxrwxr-x 1 wy1z 1580 Dec 3 1992 147000.fcc
-rwxrwxr-x 1 wy1z 4529 Dec 3 1992 160meter
-rwxrwxr-x 1 wy1z 12806 Dec 23 1992 badge.frm
-rwxrwxr-x 1 wy1z 51200 Dec 3 1992 capdoc.txt
-rwxrwxr-x 1 wy1z 26240 Dec 3 1992 clubprez.pt1
-rwxrwxr-x 1 wy1z 27520 Dec 3 1992 clubprez.pt2
drwxrwxr-x 2 wy1z 512 Mar 15 11:51 contests
-rwxrwxr-x 1 wy1z 9216 Dec 3 1992 ebarc.mou
-rwxrwxr-x 1 wy1z 1971 Dec 3 1992 ec.app
-rwxrwxr-x 1 wy1z 14484 Dec 3 1992 eccert
-rwxrwxr-x 1 wy1z 9984 Dec 3 1992 emerg.bbs
-rwxrwxr-x 1 wy1z 9313 Dec 14 1992 event.txt
-rwxrwxr-x 1 wy1z 2560 Dec 3 1992 field.lst
-rwxrwxr-x 1 wy1z 75648 May 17 1993 files.bbs
-rwxrwxr-x 1 wy1z 698 Dec 23 1992 fujita.txt
-rwxrwxr-x 1 wy1z 7680 Dec 3 1992 glossary.pkt
-rwxrwxr-x 1 wy1z 1915 Dec 3 1992 guidlin.acc
-rwxrwxr-x 1 wy1z 1676 Dec 3 1992 guidlin.asm
-rwxrwxr-x 1 wy1z 3591 Dec 3 1992 guidlin.bm
-rwxrwxr-x 1 wy1z 1960 Dec 3 1992 guidlin.dec
-rwxrwxr-x 1 wy1z 2439 Dec 3 1992 guidlin.ec
-rwxrwxr-x 1 wy1z 2849 Dec 3 1992 guidlin.lgl
-rwxrwxr-x 1 wy1z 1708 Dec 3 1992 guidlin.nm
-rwxrwxr-x 1 wy1z 3668 Dec 3 1992 guidlin.obs
-rwxrwxr-x 1 wy1z 1403 Dec 3 1992 guidlin.oes
-rwxrwxr-x 1 wy1z 2091 Dec 3 1992 guidlin.oo
-rwxrwxr-x 1 wy1z 2144 Dec 3 1992 guidlin.ooc
-rwxrwxr-x 1 wy1z 2606 Dec 3 1992 guidlin.ors
-rwxrwxr-x 1 wy1z 2524 Dec 3 1992 guidlin.pic
-rwxrwxr-x 1 wy1z 2964 Dec 3 1992 guidlin.sec
-rwxrwxr-x 1 wy1z 2838 Dec 3 1992 guidlin.sgl
-rwxrwxr-x 1 wy1z 2836 Dec 3 1992 guidlin.stm
-rwxrwxr-x 1 wy1z 2678 Dec 3 1992 guidlin.tc
-rwxrwxr-x 1 wy1z 2048 Dec 3 1992 guidlin.ts
-rwxrwxr-x 1 wy1z 24931 Nov 2 07:39 hamfests.usa
-rwxrwxr-x 1 wy1z 9856 Dec 3 1992 hampromo.asc
-rwxrwxr-x 1 wy1z 7969 Sep 9 1993 hfbands
-rwxrwxr-x 1 wy1z 896 Dec 3 1992 hiram.txt
-rwxrwxr-x 1 wy1z 14547 Dec 3 1992 howto.nts
-rwxrwxr-x 1 wy1z 2669 Dec 3 1992 hr73.asc
-rwxrwxr-x 1 wy1z 9743 Dec 3 1992 hurrican
-rwxrwxr-x 1 wy1z 2467 Dec 3 1992 improve.vec
-rwxrwxr-x 1 wy1z 27008 Dec 3 1992 itslegal.asc
```

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-rwxrwxr-x 1 wy1z 6529 Dec 3 1992 leadersh.req
-rwxrwxr-x 1 wy1z 26769 Nov 16 17:27 letter1.11
-rwxrwxr-x 1 wy1z 21130 Nov 16 16:55 letter1.27
-rwxrwxr-x 1 wy1z 18202 Nov 16 17:35 letter10.12
-rwxrwxr-x 1 wy1z 18517 Nov 16 17:41 letter10.26
-rwxrwxr-x 1 wy1z 18947 Nov 16 16:55 letter2.10
-rwxrwxr-x 1 wy1z 18417 Nov 16 16:55 letter2.24
-rwxrwxr-x 1 wy1z 25254 Nov 16 16:54 letter3.10
-rwxrwxr-x 1 wy1z 19430 Nov 16 16:54 letter3.24
-rwxrwxr-x 1 wy1z 22073 Nov 16 16:54 letter4.13
-rwxrwxr-x 1 wy1z 22169 Nov 16 16:53 letter5.12
-rwxrwxr-x 1 wy1z 26096 Nov 16 16:57 letter5.25
-rwxrwxr-x 1 wy1z 22192 Nov 16 16:53 letter6.15
-rwxrwxr-x 1 wy1z 24554 Nov 16 16:53 letter7.24
-rwxrwxr-x 1 wy1z 22180 Nov 16 16:52 letter8.11
-rwxrwxr-x 1 wy1z 17965 Nov 16 16:52 letter8.25
-rwxrwxr-x 1 wy1z 20215 Nov 16 16:52 letter9.14
-rwxrwxr-x 1 wy1z 16476 Nov 16 16:50 letter9.27
-rwxrwxr-x 1 wy1z 43129 Dec 3 1992 minutes.brd
-rwxrwxr-x 1 wy1z 14924 Jan 8 1993 packet.new
-rwxrwxr-x 1 wy1z 3858 Dec 3 1992 prb1.fla
-rwxrwxr-x 1 wy1z 3222 Dec 3 1992 pressa.txt
-rwxrwxr-x 1 wy1z 2432 Dec 3 1992 protect.act
-rwxrwxr-x 1 wy1z 1244 Dec 3 1992 pshr
-rwxrwxr-x 1 wy1z 1894 Dec 3 1992 q-sigs
-rwxrwxr-x 1 wy1z 13184 Dec 3 1992 quake.txt
-rwxrwxr-x 1 wy1z 2688 Dec 3 1992 rules.wac
-rwxrwxr-x 1 wy1z 4864 Dec 3 1992 rules.was
-rwxrwxr-x 1 wy1z 2661 May 21 1993 sadstory
-rwxrwxr-x 1 wy1z 7230 Dec 3 1992 smethics
-rwxrwxr-x 1 wy1z 4770 Dec 3 1992 sscinit.app
-rwxrwxr-x 1 wy1z 3407 Dec 3 1992 sscrenew.app
-rwxrwxr-x 1 wy1z 3041 Dec 3 1992 survey
-rwxrwxr-x 1 wy1z 6218 Dec 3 1992 training.air
-rwxrwxr-x 1 wy1z 9856 Dec 3 1992 trans.rel
-rwxrwxr-x 1 wy1z 2448 Dec 3 1992 wallsign

arrl/Server-files/info/hiram/contests:
total 41
-rwxrwxr-x 1 wy1z 3456 Nov 24 1992 10m.frm
-rwxrwxr-x 1 wy1z 3584 Nov 24 1992 160m.frm
-rwxrwxr-x 1 wy1z 3584 Nov 24 1992 arrldx.frm
-rwxrwxr-x 1 wy1z 1625 Dec 3 1992 contest.dat
-rwxrwxr-x 1 wy1z 1664 Nov 24 1992 contests.92
-rwxrwxr-x 1 wy1z 1536 Dec 3 1992 contests.93
-rwxrwxr-x 1 wy1z 13312 Nov 24 1992 fd.92
-rwxrwxr-x 1 wy1z 3699 Oct 12 15:32 novss.frm
-rwxrwxr-x 1 wy1z 1536 Nov 24 1992 sprint.chg
-rwxrwxr-x 1 wy1z 3968 Nov 24 1992 vhfqso.frm
```

```
arrl/Server-files/info/league:
total 125
-rwxrwxr-x 1 wy1z 768 Jan 23 16:20 00-index.txt
-rwxrwxr-x 1 wy1z 42492 Jan 4 12:01 catalog.txt
-rwxrwxr-x 1 wy1z 5865 Jan 4 11:58 direct.txt
-rwxrwxr-x 1 wy1z 7315 Jan 4 12:00 email.txt
-rwxrwxr-x 1 wy1z 4878 Jan 4 12:01 helpinfo.txt
-rwxrwxr-x 1 wy1z 24064 Jan 23 16:17 indxinfo.txt
-rwxrwxr-x 1 wy1z 2803 Jan 4 12:00 join.txt
-rwxrwxr-x 1 wy1z 2758 Jan 4 12:00 prospect.txt
-rwxrwxr-x 1 wy1z 5637 Jan 4 12:00 services.txt
-rwxrwxr-x 1 wy1z 26932 Jan 4 12:02 tour.txt

arrl/Server-files/info/msd:
total 222
-rwxrwxr-x 1 wy1z 7487 Feb 9 1993 awards.txt
-rwxrwxr-x 1 wy1z 5865 Dec 13 14:25 dir.hq
-rwxrwxr-x 1 wy1z 36217 Sep 28 16:07 dxcclist.txt
-rwxrwxr-x 1 wy1z 28753 Sep 28 16:07 dxccrule.txt
-rwxrwxr-x 1 wy1z 1792 Mar 4 1993 dxccstat.txt
-rwxrwxr-x 1 wy1z 51498 Sep 23 15:46 fieldrep.txt
-rwxrwxr-x 1 wy1z 6979 Dec 3 1992 incom1.qsl
-rwxrwxr-x 1 wy1z 7625 Sep 8 1993 itucalls.txt
-rwxrwxr-x 1 wy1z 10301 Jan 20 1993 jansweep
-rwxrwxr-x 1 wy1z 7620 Aug 9 1993 outgo2.qsl
-rwxrwxr-x 1 wy1z 10624 Mar 10 1993 rules.dx
-rwxrwxr-x 1 wy1z 4736 Mar 10 1993 rules.nr
-rwxrwxr-x 1 wy1z 27950 Sep 8 1993 tours.txt
-rwxrwxr-x 1 wy1z 8832 Feb 9 1993 vuccapp.txt
-rwxrwxr-x 1 wy1z 2944 Jan 20 1993 w1aw.skd

arrl/Server-files/info/msd-2:
total 170
-rwxrwxr-x 1 wy1z 65029 Oct 22 16:11 dx_w2iol.a-p
-rwxrwxr-x 1 wy1z 35474 Oct 22 15:10 dx_w2iol.doc
-rwxrwxr-x 1 wy1z 54645 Oct 22 16:18 dx_w2iol.q-z
-rwxrwxr-x 1 wy1z 17242 Oct 22 15:16 dxcck2di.txt

arrl/Server-files/info/qex:
total 117
-rwxrwxr-x 1 wy1z 59916 Dec 1 1992 32864c.ps
-rwxrwxr-x 1 wy1z 4238 Dec 1 1992 inqex.txt
-rwxrwxr-x 1 wy1z 11161 Feb 8 13:04 qexfq194.zip
-rwxrwxr-x 1 wy1z 42496 Feb 14 19:50 txt2eprm.zip

arrl/Server-files/info/qst:
total 852
-rwxrwxr-x 1 wy1z 32230 Feb 8 13:04 dspqst.zip
-rwxrwxr-x 1 wy1z 251703 Feb 8 12:59 kh6cp10g.zip
-rwxrwxr-x 1 wy1z 14956 Feb 8 13:05 qsocord.zip
-rwxrwxr-x 1 wy1z 547516 Mar 1 16:10 vester-b.zip
-rwxrwxr-x 1 wy1z 4582 Feb 8 13:02 xtalf.zip
```

```
arrl/Server-files/info/rib:
total 54
-rwxrwxr-x 1 wy1z 3840 Jan 8 21:27 97113.txt
-rwxrwxr-x 1 wy1z 13796 Jan 8 21:27 addresse.fcc
-rwxrwxr-x 1 wy1z 4941 Jan 8 21:27 allocate.txt
-rwxrwxr-x 1 wy1z 2979 Jan 8 21:27 bandplan.txt
-rwxrwxr-x 1 wy1z 5376 Jan 8 21:27 recipop.txt
-rwxrwxr-x 1 wy1z 1252 Jan 8 21:27 rib.txt
-rwxrwxr-x 1 wy1z 20352 Jan 8 21:27 vanity.txt

arrl/Server-files/info/tis:
total 1005
-rwxrwxr-x 1 wy1z 4822 Jan 8 21:36 2010.txt
-rwxrwxr-x 1 wy1z 42472 Jan 8 21:36 aguide.cii
-rwxrwxr-x 1 wy1z 7470 Jan 8 21:36 amprnet.txt
-rwxrwxr-x 1 wy1z 16776 Jan 8 21:36 antind.txt
-rwxrwxr-x 1 wy1z 2382 Jan 8 21:36 argosy.txt
-rwxrwxr-x 1 wy1z 8190 Jan 8 21:36 auto.rfi
-rwxrwxr-x 1 wy1z 3427 Jan 8 21:36 awg-cur.txt
-rwxrwxr-x 1 wy1z 32384 Jan 8 21:36 ax25-1.doc
-rwxrwxr-x 1 wy1z 34304 Jan 8 21:36 ax25-2.doc
-rwxrwxr-x 1 wy1z 66688 Jan 8 21:36 ax25.doc
-rwxrwxr-x 1 wy1z 12579 Jan 8 21:36 bbs.txt
-rwxrwxr-x 1 wy1z 29488 Jan 8 21:36 bioeffec.txt
-rwxrwxr-x 1 wy1z 11776 Jan 8 21:36 carploop.txt
-rwxrwxr-x 1 wy1z 18501 Jan 8 21:36 catalog.txt
-rwxrwxr-x 1 wy1z 4980 Jan 8 21:36 catvi.txt
-rwxrwxr-x 1 wy1z 37622 Jan 8 21:36 county.txt
-rwxrwxr-x 1 wy1z 1162 Jan 8 21:36 dipmtrsr.txt
-rwxrwxr-x 1 wy1z 2178 Jan 8 21:36 dspbib.txt
-rwxrwxr-x 1 wy1z 1501 Jan 8 21:36 dspvendr.txt
-rwxrwxr-x 1 wy1z 6440 Jan 8 21:36 emcstds.txt
-rwxrwxr-x 1 wy1z 6441 Jan 8 21:36 emerg.pwr
-rwxrwxr-x 1 wy1z 1575 Jan 8 21:36 fcountsr.txt
-rwxrwxr-x 1 wy1z 1345 Jan 8 21:36 fence.txt
-rwxrwxr-x 1 wy1z 5626 Jan 8 21:36 ftp.txt
-rwxrwxr-x 1 wy1z 5038 Jan 8 21:36 hamplate.txt
-rwxrwxr-x 1 wy1z 2612 Jan 8 21:36 heathpts.txt
-rwxrwxr-x 1 wy1z 4195 Jan 8 21:36 history.txt
-rwxrwxr-x 1 wy1z 19323 Jan 8 21:36 kits.txt
-rwxrwxr-x 1 wy1z 663 Jan 8 21:36 lasersrc.txt
-rwxrwxr-x 1 wy1z 6465 Jan 8 21:36 lightnin.txt
-rwxrwxr-x 1 wy1z 3558 Jan 8 21:36 macstack.txt
-rwxrwxr-x 1 wy1z 23937 Jan 8 21:36 mailordr.txt
-rwxrwxr-x 1 wy1z 23554 Jan 8 21:36 manuals.txt
-rwxrwxr-x 1 wy1z 24002 Jan 8 21:36 manw7fg.txt
-rwxrwxr-x 1 wy1z 3642 Jan 8 21:36 mcicomp.txt
-rwxrwxr-x 1 wy1z 9356 Jan 8 21:36 morse.txt
-rwxrwxr-x 1 wy1z 1318 Jan 8 21:36 mosfet.txt
-rwxrwxr-x 1 wy1z 4256 Jan 8 21:36 multiant.txt
-rwxrwxr-x 1 wy1z 2688 Jan 8 21:36 n8emr.cb
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-rwxrwxr-x 1 wy1z 1760 Jan 8 21:36 n8emr.txt
-rwxrwxr-x 1 wy1z 2320 Jan 8 21:36 pack-int.txt
-rwxrwxr-x 1 wy1z 3493 Jan 8 21:36 packet.txt
-rwxrwxr-x 1 wy1z 14544 Jan 8 21:36 partsrc.txt
-rwxrwxr-x 1 wy1z 14163 Jan 8 21:36 pcboard.txt
-rwxrwxr-x 1 wy1z 27614 Jan 8 21:36 pcx.txt
-rwxrwxr-x 1 wy1z 2390 Jan 8 21:36 pll.bib
-rwxrwxr-x 1 wy1z 6974 Jan 8 21:36 pr-sum.txt
-rwxrwxr-x 1 wy1z 48792 Jan 8 21:36 prodrev.txt
-rwxrwxr-x 1 wy1z 12928 Jan 8 21:36 prodrev1.txt
-rwxrwxr-x 1 wy1z 22272 Jan 8 21:36 prodrev2.txt
-rwxrwxr-x 1 wy1z 8257 Jan 8 21:36 propprgm.txt
-rwxrwxr-x 1 wy1z 522 Jan 8 21:36 pvc.txt
-rwxrwxr-x 1 wy1z 1209 Jan 8 21:36 qrp-info.txt
-rwxrwxr-x 1 wy1z 1484 Jan 8 21:36 qrprigs.txt
-rwxrwxr-x 1 wy1z 2342 Jan 8 21:36 repair.ham
-rwxrwxr-x 1 wy1z 14475 Jan 8 21:36 rfiaudio.txt
-rwxrwxr-x 1 wy1z 37632 Jan 8 21:36 rfigen.txt
-rwxrwxr-x 1 wy1z 6782 Jan 8 21:36 rfilamps.txt
-rwxrwxr-x 1 wy1z 13087 Jan 8 21:36 rfisourc.txt
-rwxrwxr-x 1 wy1z 4464 Jan 8 21:36 rflamp.txt
-rwxrwxr-x 1 wy1z 29424 Jan 8 21:36 softmac.txt
-rwxrwxr-x 1 wy1z 12032 Jan 8 21:36 software.txt
-rwxrwxr-x 1 wy1z 2076 Jan 8 21:36 solarpan.txt
-rwxrwxr-x 1 wy1z 41367 Jan 8 21:36 sstv.txt
-rwxrwxr-x 1 wy1z 3848 Jan 8 21:36 stores.txt
-rwxrwxr-x 1 wy1z 14008 Jan 8 21:36 substitu.txt
-rwxrwxr-x 1 wy1z 33558 Jan 8 21:36 swl-addr.txt
-rwxrwxr-x 1 wy1z 12681 Jan 8 21:36 talist.txt
-rwxrwxr-x 1 wy1z 11220 Jan 8 21:36 tcp.txt
-rwxrwxr-x 1 wy1z 22299 Jan 8 21:36 tel.txt
-rwxrwxr-x 1 wy1z 8743 Jan 8 21:36 tesla.txt
-rwxrwxr-x 1 wy1z 5301 Jan 8 21:36 tis-list.txt
-rwxrwxr-x 1 wy1z 4850 Jan 8 21:36 topomaps.txt
-rwxrwxr-x 1 wy1z 3049 Jan 8 21:36 tubes.txt
-rwxrwxr-x 1 wy1z 10624 Jan 8 21:36 uwave.txt
-rwxrwxr-x 1 wy1z 30997 Jan 8 21:36 vhfindex.asc
-rwxrwxr-x 1 wy1z 896 Jan 8 21:36 yellsht.txt

arrl/Server-files/info/vec:
total 659
-rwxrwxr-x 1 wy1z 3328 Jan 8 21:31 610instr.txt
-rwxrwxr-x 1 wy1z 55168 Jan 8 21:31 adv-1.asc
-rwxrwxr-x 1 wy1z 54656 Jan 8 21:31 adv-2.asc
-rwxrwxr-x 1 wy1z 41984 Jan 8 21:31 adv-3.asc
-rwxrwxr-x 1 wy1z 4864 Jan 8 21:31 contact.fcc
-rwxrwxr-x 1 wy1z 5504 Jan 8 21:31 examaccm.txt
-rwxrwxr-x 1 wy1z 4480 Jan 8 21:31 examexmt.txt
-rwxrwxr-x 1 wy1z 9344 Jan 8 21:31 examinfo.txt
-rwxrwxr-x 1 wy1z 15104 Jan 8 21:31 examnews.txt
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-rwxrwxr-x 1 wy1z 47616 Jan 8 21:31 exams.txt
-rwxrwxr-x 1 wy1z 62464 Jan 8 21:31 extra-1.asc
-rwxrwxr-x 1 wy1z 55296 Jan 8 21:31 extra-2.asc
-rwxrwxr-x 1 wy1z 33408 Jan 8 21:31 extra-3.asc
-rwxrwxr-x 1 wy1z 48640 Jan 8 21:31 gen-1.asc
-rwxrwxr-x 1 wy1z 41856 Jan 8 21:31 gen-2.asc
-rwxrwxr-x 1 wy1z 46860 Jan 8 21:31 novice-1.new
-rwxrwxr-x 1 wy1z 49152 Jan 8 21:31 novice-2.new
-rwxrwxr-x 1 wy1z 5120 Jan 8 21:31 prospect.ve
-rwxrwxr-x 1 wy1z 37376 Jan 8 21:31 tech-1.new
-rwxrwxr-x 1 wy1z 45696 Jan 8 21:31 tech-2.new

atari:
total 2
drwxrwxr-x 2 wy1z 512 Mar 15 11:54 digital
drwxrwxr-x 2 wy1z 512 Mar 15 11:54 satellite

atari/digital:
total 865
-rwxrwxr-x 1 wy1z 869218 Jan 21 20:19 dp_351.lzh
-rwxrwxr-x 1 wy1z 235 Jan 21 20:19 dp_351.txt

atari/satellite:
total 93
-rwxrwxr-x 1 wy1z 94661 Mar 9 08:35 atari_sat-tracker.lzh

barc:
total 9
drwxrwxr-x 2 wy1z 1024 Mar 15 11:57 Newsletters
-rwxrwxr-x 1 wy1z 218 Nov 30 11:41 README
drwxrwxr-x 8 wy1z 512 Mar 15 11:56 barc-list
drwxrwxr-x 2 wy1z 3072 Mar 15 11:56 barc-races
drwxrwxr-x 2 wy1z 512 Mar 15 11:56 fox-list
drwxrwxr-x 2 wy1z 512 Mar 15 11:58 official-docs
drwxrwxr-x 8 wy1z 512 Mar 15 11:58 w1aw-list

barc/Newsletters:
total 850
-rwxrwxr-x 1 wy1z 26408 Dec 18 14:37 sparc-91.08
-rwxrwxr-x 1 wy1z 23401 Dec 18 14:39 sparc-91.09
-rwxrwxr-x 1 wy1z 20862 Dec 18 14:39 sparc-91.10
-rwxrwxr-x 1 wy1z 21031 Dec 18 14:40 sparc-91.11
-rwxrwxr-x 1 wy1z 20730 Dec 18 14:41 sparc-91.12
-rwxrwxr-x 1 wy1z 26361 Dec 18 14:33 sparc-92.01
-rwxrwxr-x 1 wy1z 22793 Dec 18 14:33 sparc-92.02
-rwxrwxr-x 1 wy1z 26272 Dec 18 14:34 sparc-92.03
-rwxrwxr-x 1 wy1z 23405 Dec 18 14:35 sparc-92.05
-rwxrwxr-x 1 wy1z 27244 Dec 18 14:36 sparc-92.06
-rwxrwxr-x 1 wy1z 34742 Dec 18 14:37 sparc-92.07
-rwxrwxr-x 1 wy1z 41143 Dec 18 14:38 sparc-92.08
-rwxrwxr-x 1 wy1z 44035 Dec 18 14:39 sparc-92.10
-rwxrwxr-x 1 wy1z 37997 Dec 18 14:41 sparc-92.12
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-rwxrwxr-x 1 wy1z 49191 Dec 18 14:33 sparc-93.01
-rwxrwxr-x 1 wy1z 57698 Dec 18 14:34 sparc-93.02
-rwxrwxr-x 1 wy1z 45252 Dec 18 14:34 sparc-93.03
-rwxrwxr-x 1 wy1z 393 Dec 18 14:42 sparc-93.03-addendum
-rwxrwxr-x 1 wy1z 55411 Dec 18 14:35 sparc-93.04
-rwxrwxr-x 1 wy1z 40778 Dec 18 14:35 sparc-93.05
-rwxrwxr-x 1 wy1z 51580 Dec 18 14:36 sparc-93.06
-rwxrwxr-x 1 wy1z 45296 Dec 18 14:37 sparc-93.07
-rwxrwxr-x 1 wy1z 37678 Dec 18 14:39 sparc-93.10
-rwxrwxr-x 1 wy1z 37060 Dec 18 14:40 sparc-93.11
-rwxrwxr-x 1 wy1z 38954 Dec 18 14:51 sparc-93.12

barc/barc-list:
total 21
-rwxrwxr-x 1 wy1z 1186 Dec 29 00:45 README
drwxrwxr-x 2 wy1z 512 Mar 15 11:55 appointments
-rwxrwxr-x 1 wy1z 9055 Dec 20 17:27 flea1215.93
drwxrwxr-x 2 wy1z 512 Mar 15 11:56 meetings
drwxrwxr-x 6 wy1z 512 Mar 15 11:55 minutes
drwxrwxr-x 2 wy1z 4608 Mar 15 11:56 misc
drwxrwxr-x 2 wy1z 512 Mar 15 11:56 ve-sessions
drwxrwxr-x 2 wy1z 512 Mar 15 11:56 workshops

barc/barc-list/appointments:
total 22
-rwxrwxr-x 1 wy1z 408 Jul 17 1993 Index
-rwxrwxr-x 1 wy1z 1605 Jul 16 1993 barc005
-rwxrwxr-x 1 wy1z 1150 Jul 16 1993 barc032
-rwxrwxr-x 1 wy1z 2432 Jul 16 1993 barc112
-rwxrwxr-x 1 wy1z 4732 Jul 16 1993 barc145
-rwxrwxr-x 1 wy1z 1665 Jul 16 1993 barc212
-rwxrwxr-x 1 wy1z 1889 Jul 16 1993 barc223
-rwxrwxr-x 1 wy1z 2313 Jul 16 1993 barc233
-rwxrwxr-x 1 wy1z 1822 Jul 16 1993 barc299

barc/barc-list/meetings:
total 5
-rwxrwxr-x 1 wy1z 97 Jul 17 1993 Index
-rwxrwxr-x 1 wy1z 1321 Jul 17 1993 barc266
-rwxrwxr-x 1 wy1z 1632 Jul 17 1993 barc349

barc/barc-list/minutes:
total 4
drwxrwxr-x 2 wy1z 1024 Mar 15 11:55 barc-net
drwxrwxr-x 2 wy1z 512 Mar 15 11:55 executive-committee
drwxrwxr-x 2 wy1z 512 Mar 15 11:55 general-meeting
drwxrwxr-x 2 wy1z 512 Mar 15 11:55 misc

barc/barc-list/minutes/barc-net:
total 163
-rwxrwxr-x 1 wy1z 4467 Jul 16 1993 1992.aug.17
-rwxrwxr-x 1 wy1z 3818 Jul 16 1993 1992.aug.31
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-rwxrwxr-x 1 wy1z 4180 Jul 16 1993 1992.dec.14
-rwxrwxr-x 1 wy1z 3398 Jul 16 1993 1992.dec.21
-rwxrwxr-x 1 wy1z 2393 Jul 16 1993 1992.dec.28
-rwxrwxr-x 1 wy1z 4900 Jul 16 1993 1992.jul.06
-rwxrwxr-x 1 wy1z 2667 Jul 16 1993 1992.jul.13
-rwxrwxr-x 1 wy1z 3152 Jul 16 1993 1992.jul.20
-rwxrwxr-x 1 wy1z 3515 Jul 16 1993 1992.jun.01
-rwxrwxr-x 1 wy1z 4817 Jul 16 1993 1992.jun.08
-rwxrwxr-x 1 wy1z 4378 Jul 16 1993 1992.jun.15
-rwxrwxr-x 1 wy1z 4731 Jul 16 1993 1992.jun.22
-rwxrwxr-x 1 wy1z 4809 Jul 16 1993 1992.jun.29
-rwxrwxr-x 1 wy1z 3923 Jul 16 1993 1992.nov.09
-rwxrwxr-x 1 wy1z 4183 Jul 15 1993 1992.nov.23
-rwxrwxr-x 1 wy1z 3109 Jul 15 1993 1992.nov.30
-rwxrwxr-x 1 wy1z 4546 Jul 16 1993 1992.oct.12
-rwxrwxr-x 1 wy1z 3710 Jul 16 1993 1992.sep.07
-rwxrwxr-x 1 wy1z 4237 Jul 16 1993 1992.sep.14
-rwxrwxr-x 1 wy1z 2687 Jul 16 1993 1993.apr.12
-rwxrwxr-x 1 wy1z 2449 Jul 16 1993 1993.apr.19
-rwxrwxr-x 1 wy1z 3365 Jul 16 1993 1993.feb.01
-rwxrwxr-x 1 wy1z 2409 Jul 16 1993 1993.feb.08
-rwxrwxr-x 1 wy1z 3403 Jul 16 1993 1993.feb.15
-rwxrwxr-x 1 wy1z 3436 Jul 16 1993 1993.feb.22
-rwxrwxr-x 1 wy1z 2915 Jul 16 1993 1993.jan.04
-rwxrwxr-x 1 wy1z 2960 Jul 16 1993 1993.jan.11
-rwxrwxr-x 1 wy1z 2652 Jul 16 1993 1993.jan.18
-rwxrwxr-x 1 wy1z 2976 Jul 16 1993 1993.jan.25
-rwxrwxr-x 1 wy1z 1010 Jul 16 1993 1993.jul.05
-rwxrwxr-x 1 wy1z 2863 Jul 16 1993 1993.jun.21
-rwxrwxr-x 1 wy1z 2585 Jul 16 1993 1993.jun.28
-rwxrwxr-x 1 wy1z 3575 Jul 16 1993 1993.mar.01
-rwxrwxr-x 1 wy1z 4773 Jul 16 1993 1993.mar.08
-rwxrwxr-x 1 wy1z 3759 Jul 16 1993 1993.mar.15
-rwxrwxr-x 1 wy1z 4689 Jul 16 1993 1993.mar.22
-rwxrwxr-x 1 wy1z 3726 Jul 16 1993 1993.mar.29
-rwxrwxr-x 1 wy1z 3098 Jul 16 1993 1993.may.03
-rwxrwxr-x 1 wy1z 4068 Jul 16 1993 1993.may.10
-rwxrwxr-x 1 wy1z 2169 Jul 16 1993 1993.may.17
-rwxrwxr-x 1 wy1z 3350 Jul 16 1993 1993.may.24
-rwxrwxr-x 1 wy1z 1851 Jul 17 1993 Index

barc/barc-list/minutes/executive-committee:
total 17
-rwxrwxr-x 1 wy1z 7979 Jul 17 1993 feb.1993
-rwxrwxr-x 1 wy1z 8677 Jul 17 1993 may.1993

barc/barc-list/minutes/general-meeting:
total 18
-rwxrwxr-x 1 wy1z 322 Jul 17 1993 Index
-rwxrwxr-x 1 wy1z 1503 Jul 16 1993 gen.mtg.mar.1993.corrections
-rwxrwxr-x 1 wy1z 1095 Jul 16 1993 gen.mtg.mar.1993.corrections2
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-rwxrwxr-x 1 wy1z 4225 Jul 16 1993 general.mtg.feb.1993
-rwxrwxr-x 1 wy1z 2990 Jul 16 1993 general.mtg.jan.1993
-rwxrwxr-x 1 wy1z 4259 Jul 16 1993 general.mtg.mar.1993

barc/barc-list/minutes/misc:
total 12
-rwxrwxr-x 1 wy1z 108 Jul 17 1993 Index
-rwxrwxr-x 1 wy1z 7384 Jul 16 1993 cemarc.mtg.1993.jan.1
-rwxrwxr-x 1 wy1z 2324 Jul 16 1993 nesmc.mtg.jan.1993

barc/barc-list/misc:
total 794
-rwxrwxr-x 1 wy1z 13536 Jul 17 1993 Index
-rwxrwxr-x 1 wy1z 1678 Jul 17 1993 barc001
-rwxrwxr-x 1 wy1z 2179 Jul 17 1993 barc002
-rwxrwxr-x 1 wy1z 2073 Jul 17 1993 barc003
-rwxrwxr-x 1 wy1z 2531 Jul 17 1993 barc004
-rwxrwxr-x 1 wy1z 1523 Jul 17 1993 barc006
-rwxrwxr-x 1 wy1z 1534 Jul 17 1993 barc007
-rwxrwxr-x 1 wy1z 2071 Jul 17 1993 barc008
-rwxrwxr-x 1 wy1z 2267 Jul 17 1993 barc009
-rwxrwxr-x 1 wy1z 1958 Jul 17 1993 barc010
-rwxrwxr-x 1 wy1z 3707 Jul 17 1993 barc011
-rwxrwxr-x 1 wy1z 3309 Jul 17 1993 barc015
-rwxrwxr-x 1 wy1z 2841 Jul 17 1993 barc016
-rwxrwxr-x 1 wy1z 2050 Jul 17 1993 barc017
-rwxrwxr-x 1 wy1z 2413 Jul 17 1993 barc018
-rwxrwxr-x 1 wy1z 1868 Jul 17 1993 barc019
-rwxrwxr-x 1 wy1z 1376 Jul 17 1993 barc021
-rwxrwxr-x 1 wy1z 1976 Jul 17 1993 barc022
-rwxrwxr-x 1 wy1z 1793 Jul 17 1993 barc023
-rwxrwxr-x 1 wy1z 5016 Jul 17 1993 barc024
-rwxrwxr-x 1 wy1z 1137 Jul 17 1993 barc025
-rwxrwxr-x 1 wy1z 2046 Jul 17 1993 barc026
-rwxrwxr-x 1 wy1z 989 Jul 17 1993 barc027
-rwxrwxr-x 1 wy1z 1785 Jul 17 1993 barc028
-rwxrwxr-x 1 wy1z 1805 Jul 17 1993 barc030
-rwxrwxr-x 1 wy1z 1138 Jul 17 1993 barc031
-rwxrwxr-x 1 wy1z 3020 Jul 17 1993 barc033
-rwxrwxr-x 1 wy1z 1068 Jul 17 1993 barc034
-rwxrwxr-x 1 wy1z 1459 Jul 17 1993 barc036
-rwxrwxr-x 1 wy1z 1729 Jul 17 1993 barc037
-rwxrwxr-x 1 wy1z 3400 Jul 17 1993 barc038
-rwxrwxr-x 1 wy1z 1121 Jul 17 1993 barc039
-rwxrwxr-x 1 wy1z 3049 Jul 17 1993 barc041
-rwxrwxr-x 1 wy1z 1451 Jul 17 1993 barc042
-rwxrwxr-x 1 wy1z 802 Jul 17 1993 barc043
-rwxrwxr-x 1 wy1z 865 Jul 17 1993 barc045
-rwxrwxr-x 1 wy1z 1216 Jul 17 1993 barc046
-rwxrwxr-x 1 wy1z 1648 Jul 17 1993 barc047
-rwxrwxr-x 1 wy1z 1521 Jul 17 1993 barc049
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-rwxrwxr-x 1 wy1z 986 Jul 17 1993 barc050
-rwxrwxr-x 1 wy1z 2754 Jul 17 1993 barc051
-rwxrwxr-x 1 wy1z 1173 Jul 17 1993 barc053
-rwxrwxr-x 1 wy1z 7696 Jul 17 1993 barc054
-rwxrwxr-x 1 wy1z 6394 Jul 17 1993 barc058
-rwxrwxr-x 1 wy1z 1847 Jul 17 1993 barc059
-rwxrwxr-x 1 wy1z 1105 Jul 17 1993 barc061
-rwxrwxr-x 1 wy1z 2979 Jul 17 1993 barc062
-rwxrwxr-x 1 wy1z 1367 Jul 17 1993 barc063
-rwxrwxr-x 1 wy1z 1739 Jul 17 1993 barc064
-rwxrwxr-x 1 wy1z 1897 Jul 17 1993 barc065
-rwxrwxr-x 1 wy1z 2242 Jul 17 1993 barc067
-rwxrwxr-x 1 wy1z 2282 Jul 17 1993 barc068
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-rwxrwxr-x 1 wy1z 3390 Jul 17 1993 barc070
-rwxrwxr-x 1 wy1z 1735 Jul 17 1993 barc072
-rwxrwxr-x 1 wy1z 1855 Jul 17 1993 barc073
-rwxrwxr-x 1 wy1z 3578 Jul 17 1993 barc074
-rwxrwxr-x 1 wy1z 2690 Jul 17 1993 barc075
-rwxrwxr-x 1 wy1z 2862 Jul 17 1993 barc078
-rwxrwxr-x 1 wy1z 1822 Jul 17 1993 barc079
-rwxrwxr-x 1 wy1z 2140 Jul 17 1993 barc081
-rwxrwxr-x 1 wy1z 1807 Jul 17 1993 barc083
-rwxrwxr-x 1 wy1z 2269 Jul 17 1993 barc084
-rwxrwxr-x 1 wy1z 1910 Jul 17 1993 barc085
-rwxrwxr-x 1 wy1z 2067 Jul 17 1993 barc086
-rwxrwxr-x 1 wy1z 6594 Jul 17 1993 barc087
-rwxrwxr-x 1 wy1z 2438 Jul 17 1993 barc088
-rwxrwxr-x 1 wy1z 3784 Jul 17 1993 barc089
-rwxrwxr-x 1 wy1z 3327 Jul 17 1993 barc090
-rwxrwxr-x 1 wy1z 1673 Jul 17 1993 barc091
-rwxrwxr-x 1 wy1z 2277 Jul 17 1993 barc092
-rwxrwxr-x 1 wy1z 1674 Jul 17 1993 barc093
-rwxrwxr-x 1 wy1z 2047 Jul 17 1993 barc094
-rwxrwxr-x 1 wy1z 3310 Jul 17 1993 barc095
-rwxrwxr-x 1 wy1z 3065 Jul 17 1993 barc096
-rwxrwxr-x 1 wy1z 4360 Jul 17 1993 barc097
-rwxrwxr-x 1 wy1z 5179 Jul 17 1993 barc098
-rwxrwxr-x 1 wy1z 2385 Jul 17 1993 barc099
-rwxrwxr-x 1 wy1z 2764 Jul 17 1993 barc100
-rwxrwxr-x 1 wy1z 3253 Jul 17 1993 barc101
-rwxrwxr-x 1 wy1z 2637 Jul 17 1993 barc102
-rwxrwxr-x 1 wy1z 2839 Jul 17 1993 barc103
-rwxrwxr-x 1 wy1z 3043 Jul 17 1993 barc104
-rwxrwxr-x 1 wy1z 2341 Jul 17 1993 barc105
-rwxrwxr-x 1 wy1z 3914 Jul 17 1993 barc110
-rwxrwxr-x 1 wy1z 2419 Jul 17 1993 barc111
-rwxrwxr-x 1 wy1z 2699 Jul 17 1993 barc114
-rwxrwxr-x 1 wy1z 3322 Jul 17 1993 barc115
-rwxrwxr-x 1 wy1z 4003 Jul 17 1993 barc116
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-rwxrwxr-x 1 wy1z 2337 Jul 17 1993 barc118
-rwxrwxr-x 1 wy1z 2679 Jul 17 1993 barc119
-rwxrwxr-x 1 wy1z 3573 Jul 17 1993 barc121
-rwxrwxr-x 1 wy1z 3893 Jul 17 1993 barc122
-rwxrwxr-x 1 wy1z 3123 Jul 17 1993 barc123
-rwxrwxr-x 1 wy1z 2863 Jul 17 1993 barc124
-rwxrwxr-x 1 wy1z 2953 Jul 17 1993 barc125
-rwxrwxr-x 1 wy1z 1760 Jul 17 1993 barc126
-rwxrwxr-x 1 wy1z 4893 Jul 17 1993 barc127
-rwxrwxr-x 1 wy1z 3511 Jul 17 1993 barc128
-rwxrwxr-x 1 wy1z 7077 Jul 17 1993 barc130
-rwxrwxr-x 1 wy1z 3324 Jul 17 1993 barc131
-rwxrwxr-x 1 wy1z 3887 Jul 17 1993 barc132
-rwxrwxr-x 1 wy1z 5276 Jul 17 1993 barc133
-rwxrwxr-x 1 wy1z 4610 Jul 17 1993 barc135
-rwxrwxr-x 1 wy1z 2286 Jul 17 1993 barc136
-rwxrwxr-x 1 wy1z 2227 Jul 17 1993 barc137
-rwxrwxr-x 1 wy1z 2981 Jul 17 1993 barc139
-rwxrwxr-x 1 wy1z 2123 Jul 17 1993 barc141
-rwxrwxr-x 1 wy1z 2203 Jul 17 1993 barc143
-rwxrwxr-x 1 wy1z 2131 Jul 17 1993 barc144
-rwxrwxr-x 1 wy1z 3348 Jul 17 1993 barc147
-rwxrwxr-x 1 wy1z 2805 Jul 17 1993 barc148
-rwxrwxr-x 1 wy1z 1610 Jul 17 1993 barc150
-rwxrwxr-x 1 wy1z 1268 Jul 17 1993 barc151
-rwxrwxr-x 1 wy1z 1453 Jul 17 1993 barc152
-rwxrwxr-x 1 wy1z 4297 Jul 17 1993 barc153
-rwxrwxr-x 1 wy1z 1741 Jul 17 1993 barc154
-rwxrwxr-x 1 wy1z 1952 Jul 17 1993 barc155
-rwxrwxr-x 1 wy1z 2280 Jul 17 1993 barc156
-rwxrwxr-x 1 wy1z 6203 Jul 17 1993 barc157
-rwxrwxr-x 1 wy1z 1141 Jul 17 1993 barc159
-rwxrwxr-x 1 wy1z 1920 Jul 17 1993 barc160
-rwxrwxr-x 1 wy1z 1197 Jul 17 1993 barc163
-rwxrwxr-x 1 wy1z 7602 Jul 17 1993 barc166
-rwxrwxr-x 1 wy1z 1658 Jul 17 1993 barc167
-rwxrwxr-x 1 wy1z 1298 Jul 17 1993 barc170
-rwxrwxr-x 1 wy1z 1348 Jul 17 1993 barc171
-rwxrwxr-x 1 wy1z 3608 Jul 17 1993 barc172
-rwxrwxr-x 1 wy1z 3613 Jul 17 1993 barc174
-rwxrwxr-x 1 wy1z 1172 Jul 17 1993 barc175
-rwxrwxr-x 1 wy1z 1722 Jul 17 1993 barc176
-rwxrwxr-x 1 wy1z 1596 Jul 17 1993 barc178
-rwxrwxr-x 1 wy1z 2365 Jul 17 1993 barc180
-rwxrwxr-x 1 wy1z 2656 Jul 17 1993 barc181
-rwxrwxr-x 1 wy1z 2664 Jul 17 1993 barc182
-rwxrwxr-x 1 wy1z 1156 Jul 17 1993 barc183
-rwxrwxr-x 1 wy1z 1869 Jul 17 1993 barc184
-rwxrwxr-x 1 wy1z 3097 Jul 17 1993 barc185
-rwxrwxr-x 1 wy1z 2460 Jul 17 1993 barc186
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-rwxrwxr-x 1 wy1z 1203 Jul 17 1993 barc187
-rwxrwxr-x 1 wy1z 4118 Jul 17 1993 barc189
-rwxrwxr-x 1 wy1z 2738 Jul 17 1993 barc190
-rwxrwxr-x 1 wy1z 1180 Jul 17 1993 barc192
-rwxrwxr-x 1 wy1z 1459 Jul 17 1993 barc193
-rwxrwxr-x 1 wy1z 1357 Jul 17 1993 barc194
-rwxrwxr-x 1 wy1z 8266 Jul 17 1993 barc195
-rwxrwxr-x 1 wy1z 1499 Jul 17 1993 barc197
-rwxrwxr-x 1 wy1z 3348 Jul 17 1993 barc198
-rwxrwxr-x 1 wy1z 1505 Jul 17 1993 barc199
-rwxrwxr-x 1 wy1z 3456 Jul 17 1993 barc200
-rwxrwxr-x 1 wy1z 11015 Jul 17 1993 barc201
-rwxrwxr-x 1 wy1z 3369 Jul 17 1993 barc202
-rwxrwxr-x 1 wy1z 4376 Jul 17 1993 barc203
-rwxrwxr-x 1 wy1z 1274 Jul 17 1993 barc204
-rwxrwxr-x 1 wy1z 678 Jul 17 1993 barc205
-rwxrwxr-x 1 wy1z 2599 Jul 17 1993 barc206
-rwxrwxr-x 1 wy1z 1615 Jul 17 1993 barc208
-rwxrwxr-x 1 wy1z 1834 Jul 17 1993 barc209
-rwxrwxr-x 1 wy1z 3706 Jul 17 1993 barc210
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-rwxrwxr-x 1 wy1z 1166 Jul 17 1993 barc213
-rwxrwxr-x 1 wy1z 2088 Jul 17 1993 barc214
-rwxrwxr-x 1 wy1z 1858 Jul 17 1993 barc216
-rwxrwxr-x 1 wy1z 1669 Jul 17 1993 barc217
-rwxrwxr-x 1 wy1z 693 Jul 17 1993 barc218
-rwxrwxr-x 1 wy1z 4976 Jul 17 1993 barc224
-rwxrwxr-x 1 wy1z 2607 Jul 17 1993 barc225
-rwxrwxr-x 1 wy1z 2499 Jul 17 1993 barc226
-rwxrwxr-x 1 wy1z 2081 Jul 17 1993 barc227
-rwxrwxr-x 1 wy1z 848 Jul 17 1993 barc228
-rwxrwxr-x 1 wy1z 1494 Jul 17 1993 barc230
-rwxrwxr-x 1 wy1z 1743 Jul 17 1993 barc231
-rwxrwxr-x 1 wy1z 3829 Jul 17 1993 barc232
-rwxrwxr-x 1 wy1z 1248 Jul 17 1993 barc234
-rwxrwxr-x 1 wy1z 1335 Jul 17 1993 barc235
-rwxrwxr-x 1 wy1z 2445 Jul 17 1993 barc237
-rwxrwxr-x 1 wy1z 1965 Jul 17 1993 barc238
-rwxrwxr-x 1 wy1z 5174 Jul 17 1993 barc239
-rwxrwxr-x 1 wy1z 1688 Jul 17 1993 barc240
-rwxrwxr-x 1 wy1z 1719 Jul 17 1993 barc241
-rwxrwxr-x 1 wy1z 794 Jul 17 1993 barc242
-rwxrwxr-x 1 wy1z 1067 Jul 17 1993 barc243
-rwxrwxr-x 1 wy1z 2558 Jul 17 1993 barc244
-rwxrwxr-x 1 wy1z 1060 Jul 17 1993 barc245
-rwxrwxr-x 1 wy1z 2107 Jul 17 1993 barc246
-rwxrwxr-x 1 wy1z 2084 Jul 17 1993 barc247
-rwxrwxr-x 1 wy1z 2142 Jul 17 1993 barc248
-rwxrwxr-x 1 wy1z 1355 Jul 17 1993 barc249
-rwxrwxr-x 1 wy1z 1702 Jul 17 1993 barc252
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-rwxrwxr-x 1 wy1z 3311 Jul 17 1993 barc253
-rwxrwxr-x 1 wy1z 3020 Jul 17 1993 barc254
-rwxrwxr-x 1 wy1z 745 Jul 17 1993 barc256
-rwxrwxr-x 1 wy1z 699 Jul 17 1993 barc257
-rwxrwxr-x 1 wy1z 1313 Jul 17 1993 barc258
-rwxrwxr-x 1 wy1z 2711 Jul 17 1993 barc261
-rwxrwxr-x 1 wy1z 1121 Jul 17 1993 barc262
-rwxrwxr-x 1 wy1z 1371 Jul 17 1993 barc263
-rwxrwxr-x 1 wy1z 968 Jul 17 1993 barc264
-rwxrwxr-x 1 wy1z 1745 Jul 17 1993 barc267
-rwxrwxr-x 1 wy1z 1815 Jul 17 1993 barc268
-rwxrwxr-x 1 wy1z 1368 Jul 17 1993 barc270
-rwxrwxr-x 1 wy1z 972 Jul 17 1993 barc272
-rwxrwxr-x 1 wy1z 2051 Jul 17 1993 barc273
-rwxrwxr-x 1 wy1z 1110 Jul 17 1993 barc274
-rwxrwxr-x 1 wy1z 1004 Jul 17 1993 barc275
-rwxrwxr-x 1 wy1z 913 Jul 17 1993 barc276
-rwxrwxr-x 1 wy1z 1581 Jul 17 1993 barc277
-rwxrwxr-x 1 wy1z 1076 Jul 17 1993 barc278
-rwxrwxr-x 1 wy1z 850 Jul 17 1993 barc279
-rwxrwxr-x 1 wy1z 2441 Jul 17 1993 barc280
-rwxrwxr-x 1 wy1z 2459 Jul 17 1993 barc281
-rwxrwxr-x 1 wy1z 2086 Jul 17 1993 barc283
-rwxrwxr-x 1 wy1z 1645 Jul 17 1993 barc284
-rwxrwxr-x 1 wy1z 1914 Jul 17 1993 barc285
-rwxrwxr-x 1 wy1z 1752 Jul 17 1993 barc286
-rwxrwxr-x 1 wy1z 611 Jul 17 1993 barc287
-rwxrwxr-x 1 wy1z 512 Jul 17 1993 barc288
-rwxrwxr-x 1 wy1z 2113 Jul 17 1993 barc289
-rwxrwxr-x 1 wy1z 1036 Jul 17 1993 barc290
-rwxrwxr-x 1 wy1z 1707 Jul 17 1993 barc292
-rwxrwxr-x 1 wy1z 1671 Jul 17 1993 barc293
-rwxrwxr-x 1 wy1z 1333 Jul 17 1993 barc295
-rwxrwxr-x 1 wy1z 562 Jul 17 1993 barc296
-rwxrwxr-x 1 wy1z 1183 Jul 17 1993 barc298
-rwxrwxr-x 1 wy1z 7853 Jul 17 1993 barc300
-rwxrwxr-x 1 wy1z 1829 Jul 17 1993 barc301
-rwxrwxr-x 1 wy1z 1693 Jul 17 1993 barc302
-rwxrwxr-x 1 wy1z 2021 Jul 17 1993 barc303
-rwxrwxr-x 1 wy1z 1598 Jul 17 1993 barc304
-rwxrwxr-x 1 wy1z 1892 Jul 17 1993 barc305
-rwxrwxr-x 1 wy1z 2046 Jul 17 1993 barc306
-rwxrwxr-x 1 wy1z 1628 Jul 17 1993 barc308
-rwxrwxr-x 1 wy1z 2342 Jul 17 1993 barc309
-rwxrwxr-x 1 wy1z 1484 Jul 17 1993 barc310
-rwxrwxr-x 1 wy1z 2822 Jul 17 1993 barc311
-rwxrwxr-x 1 wy1z 1626 Jul 17 1993 barc312
-rwxrwxr-x 1 wy1z 1733 Jul 17 1993 barc314
-rwxrwxr-x 1 wy1z 842 Jul 17 1993 barc315
-rwxrwxr-x 1 wy1z 4888 Jul 17 1993 barc316
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-rwxrwxr-x 1 wy1z 4201 Jul 17 1993 barc317
-rwxrwxr-x 1 wy1z 1285 Jul 17 1993 barc318
-rwxrwxr-x 1 wy1z 2183 Jul 17 1993 barc319
-rwxrwxr-x 1 wy1z 1681 Jul 17 1993 barc320
-rwxrwxr-x 1 wy1z 1712 Jul 17 1993 barc321
-rwxrwxr-x 1 wy1z 1824 Jul 17 1993 barc322
-rwxrwxr-x 1 wy1z 2508 Jul 17 1993 barc323
-rwxrwxr-x 1 wy1z 1241 Jul 17 1993 barc324
-rwxrwxr-x 1 wy1z 1624 Jul 17 1993 barc325
-rwxrwxr-x 1 wy1z 2354 Jul 17 1993 barc326
-rwxrwxr-x 1 wy1z 1841 Jul 17 1993 barc327
-rwxrwxr-x 1 wy1z 934 Jul 17 1993 barc328
-rwxrwxr-x 1 wy1z 1112 Jul 17 1993 barc329
-rwxrwxr-x 1 wy1z 1850 Jul 17 1993 barc331
-rwxrwxr-x 1 wy1z 1484 Jul 17 1993 barc332
-rwxrwxr-x 1 wy1z 1479 Jul 17 1993 barc333
-rwxrwxr-x 1 wy1z 2152 Jul 17 1993 barc334
-rwxrwxr-x 1 wy1z 2138 Jul 17 1993 barc335
-rwxrwxr-x 1 wy1z 1764 Jul 17 1993 barc336
-rwxrwxr-x 1 wy1z 1374 Jul 17 1993 barc337
-rwxrwxr-x 1 wy1z 2561 Jul 17 1993 barc339
-rwxrwxr-x 1 wy1z 1129 Jul 17 1993 barc341
-rwxrwxr-x 1 wy1z 1562 Jul 17 1993 barc343
-rwxrwxr-x 1 wy1z 1500 Jul 17 1993 barc345
-rwxrwxr-x 1 wy1z 841 Jul 17 1993 barc346
-rwxrwxr-x 1 wy1z 1766 Jul 17 1993 barc347
-rwxrwxr-x 1 wy1z 1895 Jul 17 1993 barc348
-rwxrwxr-x 1 wy1z 1705 Jul 17 1993 barc350
-rwxrwxr-x 1 wy1z 1296 Jul 17 1993 barc351
-rwxrwxr-x 1 wy1z 10062 Jul 17 1993 barc352
-rwxrwxr-x 1 wy1z 2156 Jul 17 1993 barc353
-rwxrwxr-x 1 wy1z 1676 Jul 17 1993 barc354
-rwxrwxr-x 1 wy1z 3409 Jul 17 1993 barc355
-rwxrwxr-x 1 wy1z 1544 Jul 17 1993 barc356
-rwxrwxr-x 1 wy1z 1967 Jul 17 1993 barc357
-rwxrwxr-x 1 wy1z 1929 Jul 17 1993 barc358
-rwxrwxr-x 1 wy1z 1761 Jul 17 1993 barc359
-rwxrwxr-x 1 wy1z 5443 Jul 17 1993 barc363
-rwxrwxr-x 1 wy1z 845 Jul 17 1993 barc364

barc/barc-list/ve-sessions:
total 19
-rwxrwxr-x 1 wy1z 1710 Jul 16 1993 1992.dec.07
-rwxrwxr-x 1 wy1z 1798 Jul 16 1993 1993.feb.01
-rwxrwxr-x 1 wy1z 2195 Jul 16 1993 1993.jul.05
-rwxrwxr-x 1 wy1z 1847 Jul 16 1993 1993.mar.01
-rwxrwxr-x 1 wy1z 1832 Jul 16 1993 1993.may.03
-rwxrwxr-x 1 wy1z 350 Jul 17 1993 Index
-rwxrwxr-x 1 wy1z 1507 Jul 16 1993 carrol.center
-rwxrwxr-x 1 wy1z 1670 Jul 16 1993 ky1n.info
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-rwxrwxr-x 1 wy1z 2828 Jul 16 1993 team-change.1992.nov.02

barc/barc-list/workshops:
total 39
-rwxrwxr-x 1 wy1z 569 Jul 17 1993 Index
-rwxrwxr-x 1 wy1z 2267 Jul 16 1993 barc009
-rwxrwxr-x 1 wy1z 3712 Jul 16 1993 barc014
-rwxrwxr-x 1 wy1z 3613 Jul 16 1993 barc107
-rwxrwxr-x 1 wy1z 3823 Jul 16 1993 barc140
-rwxrwxr-x 1 wy1z 3752 Jul 16 1993 barc146
-rwxrwxr-x 1 wy1z 1722 Jul 16 1993 barc164
-rwxrwxr-x 1 wy1z 2124 Jul 17 1993 barc169
-rwxrwxr-x 1 wy1z 4614 Jul 16 1993 barc251
-rwxrwxr-x 1 wy1z 2553 Jul 16 1993 barc294
-rwxrwxr-x 1 wy1z 1681 Jul 16 1993 barc320
-rwxrwxr-x 1 wy1z 1129 Jul 16 1993 barc341
-rwxrwxr-x 1 wy1z 1895 Jul 16 1993 barc348

barc/barc-races:
total 269
-rwxrwxr-x 1 wy1z 13411 Nov 29 1992 1991.001.Z
-rwxrwxr-x 1 wy1z 14414 Jun 14 1993 RACES
-rwxrwxr-x 1 wy1z 199 Mar 6 1993 README
-rwxrwxr-x 1 wy1z 2797 Jul 13 1993 hurricane-drill
-rwxrwxr-x 1 wy1z 1293 Nov 29 1992 racesbul.167.Z
-rwxrwxr-x 1 wy1z 1184 Nov 29 1992 racesbul.168.Z
-rwxrwxr-x 1 wy1z 1004 Nov 29 1992 racesbul.169.Z
-rwxrwxr-x 1 wy1z 854 Nov 29 1992 racesbul.170.Z
-rwxrwxr-x 1 wy1z 1235 Nov 29 1992 racesbul.171.Z
-rwxrwxr-x 1 wy1z 1057 Nov 29 1992 racesbul.172.Z
-rwxrwxr-x 1 wy1z 868 Nov 29 1992 racesbul.173.Z
-rwxrwxr-x 1 wy1z 1237 Nov 29 1992 racesbul.174.Z
-rwxrwxr-x 1 wy1z 1308 Nov 29 1992 racesbul.175.Z
-rwxrwxr-x 1 wy1z 1245 Nov 29 1992 racesbul.176.Z
-rwxrwxr-x 1 wy1z 1026 Nov 29 1992 racesbul.177.Z
-rwxrwxr-x 1 wy1z 1106 Nov 29 1992 racesbul.178.Z
-rwxrwxr-x 1 wy1z 1486 Nov 29 1992 racesbul.179.Z
-rwxrwxr-x 1 wy1z 1110 Nov 29 1992 racesbul.180.Z
-rwxrwxr-x 1 wy1z 1794 Nov 29 1992 racesbul.181.Z
-rwxrwxr-x 1 wy1z 1600 Nov 29 1992 racesbul.182.Z
-rwxrwxr-x 1 wy1z 1704 Nov 29 1992 racesbul.183.Z
-rwxrwxr-x 1 wy1z 1499 Nov 29 1992 racesbul.184.Z
-rwxrwxr-x 1 wy1z 1714 Nov 29 1992 racesbul.185.Z
-rwxrwxr-x 1 wy1z 1316 Nov 29 1992 racesbul.186.Z
-rwxrwxr-x 1 wy1z 1033 Nov 29 1992 racesbul.187.Z
-rwxrwxr-x 1 wy1z 1517 Nov 29 1992 racesbul.188.Z
-rwxrwxr-x 1 wy1z 1681 Nov 29 1992 racesbul.189.Z
-rwxrwxr-x 1 wy1z 1835 Nov 29 1992 racesbul.190.Z
-rwxrwxr-x 1 wy1z 1315 Nov 29 1992 racesbul.191.Z
-rwxrwxr-x 1 wy1z 1656 Nov 29 1992 racesbul.192.Z
-rwxrwxr-x 1 wy1z 1640 Nov 29 1992 racesbul.193.Z
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-rwxrwxr-x 1 wy1z 1209 Nov 29 1992 racesbul.194.Z
-rwxrwxr-x 1 wy1z 1448 Nov 29 1992 racesbul.195.Z
-rwxrwxr-x 1 wy1z 1536 Nov 29 1992 racesbul.196.Z
-rwxrwxr-x 1 wy1z 1481 Nov 29 1992 racesbul.197.Z
-rwxrwxr-x 1 wy1z 1366 Nov 29 1992 racesbul.198.Z
-rwxrwxr-x 1 wy1z 1194 Nov 29 1992 racesbul.199.Z
-rwxrwxr-x 1 wy1z 1160 Nov 29 1992 racesbul.200.Z
-rwxrwxr-x 1 wy1z 1169 Nov 29 1992 racesbul.201.Z
-rwxrwxr-x 1 wy1z 1674 Nov 29 1992 racesbul.202.Z
-rwxrwxr-x 1 wy1z 1074 Nov 29 1992 racesbul.203.Z
-rwxrwxr-x 1 wy1z 1102 Nov 29 1992 racesbul.204.Z
-rwxrwxr-x 1 wy1z 1266 Nov 29 1992 racesbul.205.Z
-rwxrwxr-x 1 wy1z 1363 Nov 29 1992 racesbul.206.Z
-rwxrwxr-x 1 wy1z 1811 Nov 29 1992 racesbul.207.Z
-rwxrwxr-x 1 wy1z 1429 Nov 29 1992 racesbul.208.Z
-rwxrwxr-x 1 wy1z 1590 Nov 29 1992 racesbul.209.Z
-rwxrwxr-x 1 wy1z 1462 Nov 29 1992 racesbul.210.Z
-rwxrwxr-x 1 wy1z 1186 Nov 29 1992 racesbul.211.Z
-rwxrwxr-x 1 wy1z 749 Nov 29 1992 racesbul.212.Z
-rwxrwxr-x 1 wy1z 1344 Nov 29 1992 racesbul.213.Z
-rwxrwxr-x 1 wy1z 1575 Nov 29 1992 racesbul.214.Z
-rwxrwxr-x 1 wy1z 997 Nov 29 1992 racesbul.215.Z
-rwxrwxr-x 1 wy1z 1245 Nov 29 1992 racesbul.216.Z
-rwxrwxr-x 1 wy1z 1378 Nov 29 1992 racesbul.217.Z
-rwxrwxr-x 1 wy1z 1398 Nov 29 1992 racesbul.218.Z
-rwxrwxr-x 1 wy1z 1073 Nov 29 1992 racesbul.219.Z
-rwxrwxr-x 1 wy1z 1173 Nov 29 1992 racesbul.220.Z
-rwxrwxr-x 1 wy1z 1268 Nov 29 1992 racesbul.221.Z
-rwxrwxr-x 1 wy1z 1464 Nov 29 1992 racesbul.222.Z
-rwxrwxr-x 1 wy1z 1191 Nov 29 1992 racesbul.223.Z
-rwxrwxr-x 1 wy1z 1285 Nov 29 1992 racesbul.224.Z
-rwxrwxr-x 1 wy1z 1110 Nov 29 1992 racesbul.225.Z
-rwxrwxr-x 1 wy1z 1227 Nov 29 1992 racesbul.226.Z
-rwxrwxr-x 1 wy1z 1294 Nov 29 1992 racesbul.227.Z
-rwxrwxr-x 1 wy1z 1362 Nov 29 1992 racesbul.228.Z
-rwxrwxr-x 1 wy1z 1296 Nov 29 1992 racesbul.229.Z
-rwxrwxr-x 1 wy1z 1297 Nov 29 1992 racesbul.230.Z
-rwxrwxr-x 1 wy1z 1428 Nov 29 1992 racesbul.231.Z
-rwxrwxr-x 1 wy1z 1378 Nov 29 1992 racesbul.232.Z
-rwxrwxr-x 1 wy1z 1479 Nov 29 1992 racesbul.233.Z
-rwxrwxr-x 1 wy1z 1561 Nov 29 1992 racesbul.234.Z
-rwxrwxr-x 1 wy1z 1571 Nov 29 1992 racesbul.235.Z
-rwxrwxr-x 1 wy1z 1125 Nov 29 1992 racesbul.236.Z
-rwxrwxr-x 1 wy1z 1319 Nov 29 1992 racesbul.237.Z
-rwxrwxr-x 1 wy1z 1318 Nov 29 1992 racesbul.238.Z
-rwxrwxr-x 1 wy1z 1358 Nov 29 1992 racesbul.239.Z
-rwxrwxr-x 1 wy1z 1343 Nov 29 1992 racesbul.240.Z
-rwxrwxr-x 1 wy1z 1310 Nov 29 1992 racesbul.241.Z
-rwxrwxr-x 1 wy1z 1730 Nov 29 1992 racesbul.242.Z
-rwxrwxr-x 1 wy1z 1198 Nov 29 1992 racesbul.243.Z
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-rwxrwxr-x 1 wy1z 1321 Nov 29 1992 racesbul.244.Z
-rwxrwxr-x 1 wy1z 1195 Nov 29 1992 racesbul.245.Z
-rwxrwxr-x 1 wy1z 1318 Nov 29 1992 racesbul.246.Z
-rwxrwxr-x 1 wy1z 1145 Nov 29 1992 racesbul.247.Z
-rwxrwxr-x 1 wy1z 1481 Nov 29 1992 racesbul.248.Z
-rwxrwxr-x 1 wy1z 1411 Nov 29 1992 racesbul.249.Z
-rwxrwxr-x 1 wy1z 1600 Nov 29 1992 racesbul.250.Z
-rwxrwxr-x 1 wy1z 1960 Dec 5 1992 racesbul.251.Z
-rwxrwxr-x 1 wy1z 1773 Dec 21 1992 racesbul.252.Z
-rwxrwxr-x 1 wy1z 1646 Dec 21 1992 racesbul.253.Z
-rwxrwxr-x 1 wy1z 2152 Dec 26 1992 racesbul.254.Z
-rwxrwxr-x 1 wy1z 1513 Jan 2 1993 racesbul.255.Z
-rwxrwxr-x 1 wy1z 2267 Jan 16 1993 racesbul.256.Z
-rwxrwxr-x 1 wy1z 1689 Jan 17 1993 racesbul.257.Z
-rwxrwxr-x 1 wy1z 1828 Jan 24 1993 racesbul.258.Z
-rwxrwxr-x 1 wy1z 1931 Jan 30 1993 racesbul.259.Z
-rwxrwxr-x 1 wy1z 1895 Feb 7 1993 racesbul.260.Z
-rwxrwxr-x 1 wy1z 1795 Feb 20 1993 racesbul.261.Z
-rwxrwxr-x 1 wy1z 1723 Feb 20 1993 racesbul.262.Z
-rwxrwxr-x 1 wy1z 1604 Feb 27 1993 racesbul.263.Z
-rwxrwxr-x 1 wy1z 1986 Mar 14 1993 racesbul.265.Z
-rwxrwxr-x 1 wy1z 2051 Mar 20 1993 racesbul.266.Z
-rwxrwxr-x 1 wy1z 1975 Mar 27 1993 racesbul.267.Z
-rwxrwxr-x 1 wy1z 2952 Apr 5 1993 racesbul.268
-rwxrwxr-x 1 wy1z 2839 Apr 24 1993 racesbul.269
-rwxrwxr-x 1 wy1z 2050 Apr 24 1993 racesbul.270
-rwxrwxr-x 1 wy1z 2475 Apr 24 1993 racesbul.271
-rwxrwxr-x 1 wy1z 2874 May 4 1993 racesbul.272
-rwxrwxr-x 1 wy1z 1967 May 9 1993 racesbul.273
-rwxrwxr-x 1 wy1z 2388 May 16 1993 racesbul.274
-rwxrwxr-x 1 wy1z 2708 May 23 1993 racesbul.275
-rwxrwxr-x 1 wy1z 2781 May 31 1993 racesbul.276
-rwxrwxr-x 1 wy1z 2488 Jun 14 1993 racesbul.278
-rwxrwxr-x 1 wy1z 3450 Jul 12 1993 racesbul.280
-rwxrwxr-x 1 wy1z 2386 Jul 12 1993 racesbul.282
-rwxrwxr-x 1 wy1z 1316 Nov 29 1992 tacalls.asc.Z

barc/fox-list:
total 104
-rwxrwxr-x 1 wy1z 1592 Dec 12 1992 README
-rwxrwxr-x 1 wy1z 10029 Nov 28 1992 fox-hunt-tips.4
-rwxrwxr-x 1 wy1z 4295 Nov 28 1992 fox-hunt-tips.5b
-rwxrwxr-x 1 wy1z 20129 Jul 5 1993 fox-list
-rwxrwxr-x 1 wy1z 47052 Jul 5 1993 fox-list-old
-rwxrwxr-x 1 wy1z 5923 Nov 28 1992 fox-what?
-rwxrwxr-x 1 wy1z 3710 Nov 28 1992 foxhunt-workshop.6.20.92
-rwxrwxr-x 1 wy1z 10661 Nov 28 1992 last-weeks-fox-hunt

barc/official-docs:
total 92
-rwxrwxr-x 1 wy1z 2474 Jan 25 1993 1993-membership-appl-form
```

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-rwxrwxr-x 1 wy1z 254 Mar 9 15:45 1994-app-README
-rwxrwxr-x 1 wy1z 3820 Mar 9 15:45 1994-membership-appl-form
-rwxrwxr-x 1 wy1z 7989 Mar 9 15:45 ARCMB-MEMORANDUM
-rwxrwxr-x 1 wy1z 6265 Mar 9 15:45 ARTICLES-OF-ORGANIZATION
-rwxrwxr-x 1 wy1z 5472 Mar 9 15:45 BYLAWS
-rwxrwxr-x 1 wy1z 2257 Mar 9 15:45 BYLAWS-AMENDMENTS
-rwxrwxr-x 1 wy1z 5208 Mar 9 15:45 barcinf2.txt
-rwxrwxr-x 1 wy1z 2574 Mar 9 15:45 barcinfo.txt
-rwxrwxr-x 1 wy1z 17867 Jan 24 1993 club-roster
-rwxrwxr-x 1 wy1z 1950 Mar 9 15:45 hamvscb.txt
-rwxrwxr-x 1 wy1z 2639 Mar 9 15:45 howto.txt
-rwxrwxr-x 1 wy1z 19271 Mar 9 15:46 intro-barc.txt
-rwxrwxr-x 1 wy1z 1918 Mar 9 15:46 repeater.txt
-rwxrwxr-x 1 wy1z 2907 Mar 9 15:46 rptrdos.txt
-rwxrwxr-x 1 wy1z 3842 Mar 9 15:46 whatsham.txt

barc/w1aw-list:
total 6
drwxrwxr-x 5 wy1z 512 Mar 15 11:57 arlb
drwxrwxr-x 5 wy1z 512 Mar 15 11:57 arld
drwxrwxr-x 5 wy1z 512 Mar 15 11:58 arlk
drwxrwxr-x 5 wy1z 512 Mar 15 11:58 arlp
drwxrwxr-x 4 wy1z 512 Mar 15 11:58 arls
drwxrwxr-x 5 wy1z 512 Mar 15 11:58 arlx

barc/w1aw-list/arlb:
total 4
drwxrwxr-x 2 wy1z 512 Mar 15 11:57 1992
drwxrwxr-x 2 wy1z 1536 Mar 15 11:57 1993
drwxrwxr-x 2 wy1z 512 Mar 15 11:57 1994

barc/w1aw-list/arlb/1992:
total 41
-rwxrwxr-x 1 wy1z 1331 Feb 11 10:28 arlb104.92
-rwxrwxr-x 1 wy1z 1986 Feb 11 10:28 arlb105.92
-rwxrwxr-x 1 wy1z 2687 Feb 11 10:28 arlb106.92
-rwxrwxr-x 1 wy1z 2190 Feb 11 10:28 arlb107.92
-rwxrwxr-x 1 wy1z 2451 Feb 11 10:28 arlb108.92
-rwxrwxr-x 1 wy1z 2375 Feb 11 10:28 arlb109.92
-rwxrwxr-x 1 wy1z 2941 Feb 11 10:28 arlb110.92
-rwxrwxr-x 1 wy1z 3293 Feb 11 10:28 arlb111.92
-rwxrwxr-x 1 wy1z 3521 Feb 11 10:28 arlb112.92
-rwxrwxr-x 1 wy1z 2701 Feb 11 10:28 arlb113.92
-rwxrwxr-x 1 wy1z 2404 Feb 11 10:28 arlb114.92
-rwxrwxr-x 1 wy1z 2750 Feb 11 10:28 arlb115.92
-rwxrwxr-x 1 wy1z 2899 Feb 11 10:28 arlb116.92
-rwxrwxr-x 1 wy1z 1777 Feb 11 10:28 arlb118.92

barc/w1aw-list/arlb/1993:
total 230
-rwxrwxr-x 1 wy1z 2028 Feb 11 10:28 arlb001.93
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-rwxrwxr-x 1 wy1z 1966 Feb 11 10:28 arlb002.93
-rwxrwxr-x 1 wy1z 1745 Feb 11 10:28 arlb003.93
-rwxrwxr-x 1 wy1z 3876 Feb 11 10:28 arlb004.93
-rwxrwxr-x 1 wy1z 2720 Feb 11 10:28 arlb005.93
-rwxrwxr-x 1 wy1z 2766 Feb 11 10:28 arlb006.93
-rwxrwxr-x 1 wy1z 2883 Feb 11 10:28 arlb007.93
-rwxrwxr-x 1 wy1z 1787 Feb 11 10:28 arlb008.93
-rwxrwxr-x 1 wy1z 2090 Feb 11 10:28 arlb009.93
-rwxrwxr-x 1 wy1z 3593 Feb 11 10:28 arlb010.93
-rwxrwxr-x 1 wy1z 4718 Feb 11 10:28 arlb012.93
-rwxrwxr-x 1 wy1z 1785 Feb 11 10:28 arlb013.93
-rwxrwxr-x 1 wy1z 4250 Feb 11 10:28 arlb014.93
-rwxrwxr-x 1 wy1z 2091 Feb 11 10:28 arlb015.93
-rwxrwxr-x 1 wy1z 2369 Feb 11 10:28 arlb016.93
-rwxrwxr-x 1 wy1z 2633 Feb 11 10:28 arlb017.93
-rwxrwxr-x 1 wy1z 2888 Feb 11 10:28 arlb018.93
-rwxrwxr-x 1 wy1z 2488 Feb 11 10:28 arlb019.93
-rwxrwxr-x 1 wy1z 2571 Feb 11 10:28 arlb020.93
-rwxrwxr-x 1 wy1z 2351 Feb 11 10:28 arlb021.93
-rwxrwxr-x 1 wy1z 2785 Feb 11 10:28 arlb022.93
-rwxrwxr-x 1 wy1z 3699 Feb 11 10:28 arlb023.93
-rwxrwxr-x 1 wy1z 3783 Feb 11 10:28 arlb024.93
-rwxrwxr-x 1 wy1z 2789 Feb 11 10:28 arlb025.93
-rwxrwxr-x 1 wy1z 2543 Feb 11 10:28 arlb026.93
-rwxrwxr-x 1 wy1z 2544 Feb 11 10:28 arlb027.93
-rwxrwxr-x 1 wy1z 3114 Feb 11 10:28 arlb028.93
-rwxrwxr-x 1 wy1z 2710 Feb 11 10:28 arlb029.93
-rwxrwxr-x 1 wy1z 2559 Feb 11 10:28 arlb030.93
-rwxrwxr-x 1 wy1z 2287 Feb 11 10:28 arlb031.93
-rwxrwxr-x 1 wy1z 7079 Feb 11 10:28 arlb032.93
-rwxrwxr-x 1 wy1z 1931 Feb 11 10:28 arlb034.93
-rwxrwxr-x 1 wy1z 3664 Feb 11 10:28 arlb035.93
-rwxrwxr-x 1 wy1z 3227 Feb 11 10:28 arlb036.93
-rwxrwxr-x 1 wy1z 3167 Feb 11 10:28 arlb037.93
-rwxrwxr-x 1 wy1z 1952 Feb 11 10:28 arlb038.93
-rwxrwxr-x 1 wy1z 2402 Feb 11 10:28 arlb039.93
-rwxrwxr-x 1 wy1z 2244 Feb 11 10:28 arlb040.93
-rwxrwxr-x 1 wy1z 2363 Feb 11 10:28 arlb041.93
-rwxrwxr-x 1 wy1z 2941 Feb 11 10:28 arlb042.93
-rwxrwxr-x 1 wy1z 3478 Feb 11 10:28 arlb043.93
-rwxrwxr-x 1 wy1z 3034 Feb 11 10:28 arlb044.93
-rwxrwxr-x 1 wy1z 2922 Feb 11 10:28 arlb045.93
-rwxrwxr-x 1 wy1z 2115 Feb 11 10:28 arlb046.93
-rwxrwxr-x 1 wy1z 2764 Feb 11 10:28 arlb047.93
-rwxrwxr-x 1 wy1z 1973 Feb 11 10:28 arlb048.93
-rwxrwxr-x 1 wy1z 3598 Feb 11 10:28 arlb049.93
-rwxrwxr-x 1 wy1z 2562 Feb 11 10:28 arlb050.93
-rwxrwxr-x 1 wy1z 2847 Feb 11 10:28 arlb051.93
-rwxrwxr-x 1 wy1z 2765 Feb 11 10:28 arlb052.93
-rwxrwxr-x 1 wy1z 3472 Feb 11 10:28 arlb053.93
```

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-rwxrwxr-x 1 wy1z 2743 Feb 11 10:28 arlb054.93
-rwxrwxr-x 1 wy1z 3790 Feb 11 10:28 arlb055.93
-rwxrwxr-x 1 wy1z 3162 Feb 11 10:28 arlb056.93
-rwxrwxr-x 1 wy1z 3359 Feb 11 10:28 arlb058.93
-rwxrwxr-x 1 wy1z 2343 Feb 11 10:28 arlb059.93
-rwxrwxr-x 1 wy1z 2921 Feb 11 10:28 arlb060.93
-rwxrwxr-x 1 wy1z 2798 Feb 11 10:28 arlb061.93
-rwxrwxr-x 1 wy1z 3045 Feb 11 10:28 arlb063.93
-rwxrwxr-x 1 wy1z 2339 Feb 11 10:28 arlb064.93
-rwxrwxr-x 1 wy1z 2308 Feb 11 10:28 arlb065.93
-rwxrwxr-x 1 wy1z 2586 Feb 11 10:28 arlb066.93
-rwxrwxr-x 1 wy1z 4117 Feb 11 10:28 arlb067.93
-rwxrwxr-x 1 wy1z 3654 Feb 11 10:28 arlb068.93
-rwxrwxr-x 1 wy1z 2308 Feb 11 10:28 arlb069.93
-rwxrwxr-x 1 wy1z 8230 Feb 11 10:28 arlb115.93
-rwxrwxr-x 1 wy1z 3339 Feb 11 10:28 arlb120.93
-rwxrwxr-x 1 wy1z 2875 Feb 11 10:28 arlb121.93
-rwxrwxr-x 1 wy1z 1898 Feb 11 10:28 arlb122.93

barc/w1aw-list/arlb/1994:
total 72
-rwxrwxr-x 1 wy1z 2673 Feb 11 10:28 arlb002.94
-rwxrwxr-x 1 wy1z 3383 Feb 11 10:28 arlb003.94
-rwxrwxr-x 1 wy1z 3287 Feb 11 10:28 arlb004.94
-rwxrwxr-x 1 wy1z 2805 Feb 11 10:28 arlb005.94
-rwxrwxr-x 1 wy1z 1894 Feb 11 10:28 arlb006.94
-rwxrwxr-x 1 wy1z 2840 Feb 11 10:28 arlb007.94
-rwxrwxr-x 1 wy1z 3106 Feb 11 10:28 arlb008.94
-rwxrwxr-x 1 wy1z 3550 Feb 11 10:28 arlb009.94
-rwxrwxr-x 1 wy1z 2499 Feb 11 10:28 arlb010.94
-rwxrwxr-x 1 wy1z 4848 Feb 11 10:28 arlb011.94
-rwxrwxr-x 1 wy1z 3478 Feb 11 10:28 arlb012.94
-rwxrwxr-x 1 wy1z 1600 Feb 11 10:00 arlb013.94
-rwxrwxr-x 1 wy1z 1756 Feb 11 10:00 arlb014.94
-rwxrwxr-x 1 wy1z 2293 Feb 11 10:00 arlb015.94
-rwxrwxr-x 1 wy1z 3397 Feb 11 10:00 arlb016.94
-rwxrwxr-x 1 wy1z 2439 Feb 11 10:00 arlb017.94
-rwxrwxr-x 1 wy1z 2688 Feb 16 15:05 arlb018.94
-rwxrwxr-x 1 wy1z 2465 Feb 16 12:10 arlb019.94
-rwxrwxr-x 1 wy1z 1810 Mar 8 23:21 arlb020.94
-rwxrwxr-x 1 wy1z 2330 Mar 8 23:21 arlb021.94
-rwxrwxr-x 1 wy1z 1265 Mar 9 17:56 arlb022.94
-rwxrwxr-x 1 wy1z 1561 Mar 9 18:23 arlb023.94
-rwxrwxr-x 1 wy1z 1485 Mar 10 11:01 arlb024.94
-rwxrwxr-x 1 wy1z 1601 Mar 10 11:01 arlb025.94

barc/w1aw-list/arld:
total 3
drwxrwxr-x 2 wy1z 512 Mar 15 11:57 1992
drwxrwxr-x 2 wy1z 1024 Mar 15 11:57 1993
drwxrwxr-x 2 wy1z 512 Mar 15 11:57 1994
```

```
barc/w1aw-list/arld/1992:
total 31
-rwxrwxr-x 1 wy1z 2750 Feb 11 10:35 arld056.92
-rwxrwxr-x 1 wy1z 4758 Feb 11 10:35 arld057.92
-rwxrwxr-x 1 wy1z 2659 Feb 11 10:35 arld058.92
-rwxrwxr-x 1 wy1z 3813 Feb 11 10:35 arld059.92
-rwxrwxr-x 1 wy1z 3411 Feb 11 10:35 arld060.92
-rwxrwxr-x 1 wy1z 3245 Feb 11 10:35 arld061.92
-rwxrwxr-x 1 wy1z 3704 Feb 11 10:35 arld062.92
-rwxrwxr-x 1 wy1z 3751 Feb 11 10:35 arld063.92

barc/w1aw-list/arld/1993:
total 149
-rwxrwxr-x 1 wy1z 3179 Feb 11 10:35 arld001.93
-rwxrwxr-x 1 wy1z 1867 Feb 11 10:35 arld002.93
-rwxrwxr-x 1 wy1z 3496 Feb 11 10:35 arld004.93
-rwxrwxr-x 1 wy1z 2179 Feb 11 10:35 arld005.93
-rwxrwxr-x 1 wy1z 4808 Feb 11 10:35 arld006.93
-rwxrwxr-x 1 wy1z 1737 Feb 11 10:35 arld008.93
-rwxrwxr-x 1 wy1z 4971 Feb 11 10:35 arld009.93
-rwxrwxr-x 1 wy1z 3410 Feb 11 10:35 arld010.93
-rwxrwxr-x 1 wy1z 4591 Feb 11 10:35 arld011.93
-rwxrwxr-x 1 wy1z 4981 Feb 11 10:35 arld012.93
-rwxrwxr-x 1 wy1z 8352 Feb 11 10:35 arld013.93
-rwxrwxr-x 1 wy1z 3275 Feb 11 10:35 arld014.93
-rwxrwxr-x 1 wy1z 5353 Feb 11 10:35 arld015.93
-rwxrwxr-x 1 wy1z 9062 Feb 11 10:35 arld016.93
-rwxrwxr-x 1 wy1z 5511 Feb 11 10:35 arld017.93
-rwxrwxr-x 1 wy1z 2893 Feb 11 10:35 arld018.93
-rwxrwxr-x 1 wy1z 3173 Feb 11 10:35 arld019.93
-rwxrwxr-x 1 wy1z 3772 Feb 11 10:35 arld020.93
-rwxrwxr-x 1 wy1z 5356 Feb 11 10:35 arld021.93
-rwxrwxr-x 1 wy1z 2733 Feb 11 10:35 arld022.93
-rwxrwxr-x 1 wy1z 4578 Feb 11 10:35 arld023.93
-rwxrwxr-x 1 wy1z 5622 Feb 11 10:35 arld024.93
-rwxrwxr-x 1 wy1z 3735 Feb 11 10:35 arld025.93
-rwxrwxr-x 1 wy1z 2643 Feb 11 10:35 arld026.93
-rwxrwxr-x 1 wy1z 3269 Feb 11 10:35 arld027.93
-rwxrwxr-x 1 wy1z 4958 Feb 11 10:35 arld028.93
-rwxrwxr-x 1 wy1z 4486 Feb 11 10:35 arld030.93
-rwxrwxr-x 1 wy1z 4237 Feb 11 10:35 arld031.93
-rwxrwxr-x 1 wy1z 4083 Feb 11 10:35 arld032.93
-rwxrwxr-x 1 wy1z 3718 Feb 11 10:35 arld033.93
-rwxrwxr-x 1 wy1z 6202 Feb 11 10:35 arld068.93
-rwxrwxr-x 1 wy1z 4063 Feb 11 10:35 arld071.93

barc/w1aw-list/arld/1994:
total 51
-rwxrwxr-x 1 wy1z 5189 Feb 11 10:35 arld002.94
-rwxrwxr-x 1 wy1z 2293 Feb 11 10:35 arld003.94
-rwxrwxr-x 1 wy1z 6020 Feb 11 10:35 arld004.94
-rwxrwxr-x 1 wy1z 6345 Feb 11 10:35 arld005.94
```

```
-rwxrwxr-x 1 wy1z 1484 Feb 11 10:00 arld006.94
-rwxrwxr-x 1 wy1z 3122 Feb 11 10:00 arld007.94
-rwxrwxr-x 1 wy1z 4115 Feb 11 10:00 arld008.94
-rwxrwxr-x 1 wy1z 4639 Feb 12 19:21 arld009.94
-rwxrwxr-x 1 wy1z 4205 Mar 8 23:22 arld010.94
-rwxrwxr-x 1 wy1z 4756 Mar 8 23:22 arld011.94
-rwxrwxr-x 1 wy1z 2903 Mar 10 11:02 arld013.94

barc/w1aw-list/arlk:
total 3
drwxrwxr-x 2 wy1z 512 Mar 15 11:57 1992
drwxrwxr-x 2 wy1z 512 Mar 15 11:58 1993
drwxrwxr-x 2 wy1z 512 Mar 15 11:58 1994

barc/w1aw-list/arlk/1992:
total 24
-rwxrwxr-x 1 wy1z 4101 Feb 11 10:50 arlk049.92
-rwxrwxr-x 1 wy1z 4358 Feb 11 10:50 arlk051.92
-rwxrwxr-x 1 wy1z 4357 Feb 11 10:50 arlk052.92
-rwxrwxr-x 1 wy1z 4357 Feb 11 10:50 arlk055.92
-rwxrwxr-x 1 wy1z 4053 Feb 11 10:50 arlk056.92

barc/w1aw-list/arlk/1993:
total 96
-rwxrwxr-x 1 wy1z 4425 Feb 11 10:50 arlk004.93
-rwxrwxr-x 1 wy1z 4577 Feb 11 10:50 arlk005.93
-rwxrwxr-x 1 wy1z 4477 Feb 11 10:50 arlk008.93
-rwxrwxr-x 1 wy1z 4452 Feb 11 10:50 arlk009.93
-rwxrwxr-x 1 wy1z 4507 Feb 11 10:50 arlk011.93
-rwxrwxr-x 1 wy1z 4452 Feb 11 10:50 arlk012.93
-rwxrwxr-x 1 wy1z 4460 Feb 11 10:50 arlk013.93
-rwxrwxr-x 1 wy1z 4609 Feb 11 10:50 arlk014.93
-rwxrwxr-x 1 wy1z 4716 Feb 11 10:50 arlk015.93
-rwxrwxr-x 1 wy1z 4655 Feb 11 10:50 arlk016.93
-rwxrwxr-x 1 wy1z 4412 Feb 11 10:50 arlk017.93
-rwxrwxr-x 1 wy1z 4775 Feb 11 10:50 arlk018.93
-rwxrwxr-x 1 wy1z 4532 Feb 11 10:50 arlk019.93
-rwxrwxr-x 1 wy1z 4792 Feb 11 10:50 arlk020.93
-rwxrwxr-x 1 wy1z 4758 Feb 11 10:50 arlk021.93
-rwxrwxr-x 1 wy1z 5043 Feb 11 10:50 arlk022.93
-rwxrwxr-x 1 wy1z 5092 Feb 11 10:50 arlk025.93
-rwxrwxr-x 1 wy1z 5013 Feb 11 10:50 arlk026.93
-rwxrwxr-x 1 wy1z 5565 Feb 11 10:50 arlk054.93

barc/w1aw-list/arlk/1994:
total 33
-rwxrwxr-x 1 wy1z 5261 Feb 11 10:50 arlk001.94
-rwxrwxr-x 1 wy1z 5261 Feb 11 10:50 arlk002.94
-rwxrwxr-x 1 wy1z 4721 Feb 11 10:01 arlk004.94
-rwxrwxr-x 1 wy1z 4470 Feb 16 15:06 arlk006.94
-rwxrwxr-x 1 wy1z 4458 Mar 8 23:23 arlk007.94
```

```
-rwxrwxr-x 1 wy1z 5252 Feb 11 10:50 arlk055.94

barc/w1aw-list/arlp:
total 3
drwxrwxr-x 2 wy1z 512 Mar 15 11:58 1992
drwxrwxr-x 2 wy1z 512 Mar 15 11:58 1993
drwxrwxr-x 2 wy1z 512 Mar 15 11:58 1994

barc/w1aw-list/arlp/1992:
total 27
-rwxrwxr-x 1 wy1z 1750 Nov 24 1992 arlp046.92
-rwxrwxr-x 1 wy1z 3578 Nov 24 1992 arlp047.92
-rwxrwxr-x 1 wy1z 3517 Nov 30 1992 arlp048.92
-rwxrwxr-x 1 wy1z 3212 Dec 4 1992 arlp049.92
-rwxrwxr-x 1 wy1z 2897 Dec 13 1992 arlp050.92
-rwxrwxr-x 1 wy1z 3497 Dec 18 1992 arlp051.92
-rwxrwxr-x 1 wy1z 3032 Dec 28 1992 arlp052.92
-rwxrwxr-x 1 wy1z 3042 Jan 4 1993 arlp053.92

barc/w1aw-list/arlp/1993:
total 90
-rwxrwxr-x 1 wy1z 7494 Jan 16 1993 arlp001.93
-rwxrwxr-x 1 wy1z 2665 Jan 16 1993 arlp002.93
-rwxrwxr-x 1 wy1z 3526 Jan 23 1993 arlp003.93
-rwxrwxr-x 1 wy1z 2964 Jan 29 1993 arlp004.93
-rwxrwxr-x 1 wy1z 2928 Feb 8 1993 arlp005.93
-rwxrwxr-x 1 wy1z 2828 Feb 12 1993 arlp006.93
-rwxrwxr-x 1 wy1z 2793 Feb 22 1993 arlp007.93
-rwxrwxr-x 1 wy1z 2847 Feb 26 1993 arlp008.93
-rwxrwxr-x 1 wy1z 3330 Mar 6 1993 arlp009.93
-rwxrwxr-x 1 wy1z 3656 Mar 14 1993 arlp010.93
-rwxrwxr-x 1 wy1z 3839 Mar 20 1993 arlp011.93
-rwxrwxr-x 1 wy1z 3234 Mar 28 1993 arlp012.93
-rwxrwxr-x 1 wy1z 3101 Apr 3 1993 arlp013.93
-rwxrwxr-x 1 wy1z 3137 Apr 12 1993 arlp014.93
-rwxrwxr-x 1 wy1z 3414 Apr 18 1993 arlp015.93
-rwxrwxr-x 1 wy1z 3477 Apr 23 1993 arlp016.93
-rwxrwxr-x 1 wy1z 3725 May 3 1993 arlp017.93
-rwxrwxr-x 1 wy1z 4056 May 7 1993 arlp018.93
-rwxrwxr-x 1 wy1z 3290 May 17 1993 arlp019.93
-rwxrwxr-x 1 wy1z 3724 Jun 1 1993 arlp021.93
-rwxrwxr-x 1 wy1z 3643 Jun 14 1993 arlp023.93
-rwxrwxr-x 1 wy1z 3144 Jun 23 1993 arlp024.93
-rwxrwxr-x 1 wy1z 4040 Jun 29 1993 arlp025.93

barc/w1aw-list/arlp/1994:
total 32
-rwxrwxr-x 1 wy1z 3293 Jan 17 19:15 arlp001.94
-rwxrwxr-x 1 wy1z 3458 Jan 17 19:15 arlp002.94
-rwxrwxr-x 1 wy1z 3835 Jan 25 13:35 arlp003.94
-rwxrwxr-x 1 wy1z 2580 Feb 11 10:01 arlp004.94
```

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-rwxrwxr-x 1 wy1z 2207 Feb 11 10:01 arlp005.94
-rwxrwxr-x 1 wy1z 2770 Feb 12 19:22 arlp006.94
-rwxrwxr-x 1 wy1z 2583 Mar 8 23:23 arlp007.94
-rwxrwxr-x 1 wy1z 2161 Mar 10 11:02 arlp009.94
-rwxrwxr-x 1 wy1z 4717 Jan 5 14:37 arlp052.94

barc/w1aw-list/arls:
total 2
drwxrwxr-x 2 wy1z 1024 Mar 15 11:58 1993
drwxrwxr-x 2 wy1z 512 Mar 15 11:58 1994

barc/w1aw-list/arls/1993:
total 136
-rwxrwxr-x 1 wy1z 4044 Jan 5 1993 arls001.93
-rwxrwxr-x 1 wy1z 2534 Feb 1 1993 arls002.93
-rwxrwxr-x 1 wy1z 2551 Feb 4 1993 arls003.93
-rwxrwxr-x 1 wy1z 2277 Feb 19 1993 arls004.93
-rwxrwxr-x 1 wy1z 2987 Mar 3 1993 arls005.93
-rwxrwxr-x 1 wy1z 2016 Mar 9 1993 arls006.93
-rwxrwxr-x 1 wy1z 1920 Mar 14 1993 arls007.93
-rwxrwxr-x 1 wy1z 4545 Mar 20 1993 arls008.93
-rwxrwxr-x 1 wy1z 1964 Mar 23 1993 arls009.93
-rwxrwxr-x 1 wy1z 1969 Mar 25 1993 arls010.93
-rwxrwxr-x 1 wy1z 2022 Apr 1 1993 arls011.93
-rwxrwxr-x 1 wy1z 3008 Apr 3 1993 arls012.93
-rwxrwxr-x 1 wy1z 2375 Apr 3 1993 arls013.93
-rwxrwxr-x 1 wy1z 2301 Apr 8 1993 arls014.93
-rwxrwxr-x 1 wy1z 3987 Apr 8 1993 arls015.93
-rwxrwxr-x 1 wy1z 2901 Apr 13 1993 arls016.93
-rwxrwxr-x 1 wy1z 2599 Apr 22 1993 arls017.93
-rwxrwxr-x 1 wy1z 2757 Apr 25 1993 arls018.93
-rwxrwxr-x 1 wy1z 2576 Apr 25 1993 arls019.93
-rwxrwxr-x 1 wy1z 4389 Apr 25 1993 arls020.93
-rwxrwxr-x 1 wy1z 2654 Apr 25 1993 arls021.93
-rwxrwxr-x 1 wy1z 3001 Apr 25 1993 arls022.93
-rwxrwxr-x 1 wy1z 2349 Apr 25 1993 arls023.93
-rwxrwxr-x 1 wy1z 2001 Apr 27 1993 arls024.93
-rwxrwxr-x 1 wy1z 1941 May 4 1993 arls026.93
-rwxrwxr-x 1 wy1z 3065 May 13 1993 arls027.93
-rwxrwxr-x 1 wy1z 2511 May 14 1993 arls028.93
-rwxrwxr-x 1 wy1z 2504 May 20 1993 arls029.93
-rwxrwxr-x 1 wy1z 2663 May 20 1993 arls030.93
-rwxrwxr-x 1 wy1z 3045 May 25 1993 arls031.93
-rwxrwxr-x 1 wy1z 2157 May 28 1993 arls032.93
-rwxrwxr-x 1 wy1z 2991 May 28 1993 arls033.93
-rwxrwxr-x 1 wy1z 3476 Jun 14 1993 arls034.93
-rwxrwxr-x 1 wy1z 2795 Jun 14 1993 arls035.93
-rwxrwxr-x 1 wy1z 6597 Jul 6 1993 arls036.93
-rwxrwxr-x 1 wy1z 3948 Jun 23 1993 arls037.93
-rwxrwxr-x 1 wy1z 2969 Jun 23 1993 arls038.93
-rwxrwxr-x 1 wy1z 4511 Jun 29 1993 arls039.93
```

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-rwxrwxr-x 1 wy1z 2712 Jun 29 1993 arls040.93
-rwxrwxr-x 1 wy1z 2551 Jul 6 1993 arls041.93
-rwxrwxr-x 1 wy1z 3211 Jun 29 1993 arls042.93
-rwxrwxr-x 1 wy1z 4152 Jun 29 1993 arls043.93

barc/w1aw-list/arls/1994:
total 24
-rwxrwxr-x 1 wy1z 2329 Jan 17 19:16 arls001.94
-rwxrwxr-x 1 wy1z 2314 Jan 25 13:35 arls002.94
-rwxrwxr-x 1 wy1z 1980 Feb 11 10:02 arls003.94
-rwxrwxr-x 1 wy1z 3355 Feb 11 10:02 arls005.94
-rwxrwxr-x 1 wy1z 2198 Feb 11 10:02 arls006.94
-rwxrwxr-x 1 wy1z 2848 Feb 12 19:22 arls008.94
-rwxrwxr-x 1 wy1z 2816 Feb 12 19:22 arls009.94
-rwxrwxr-x 1 wy1z 2075 Feb 12 19:22 arls010.94

barc/w1aw-list/arlx:
total 3
drwxrwxr-x 2 wy1z 512 Mar 15 11:58 1992
drwxrwxr-x 2 wy1z 512 Mar 15 11:58 1993
drwxrwxr-x 2 wy1z 512 Mar 15 11:58 1994

barc/w1aw-list/arlx/1992:
total 19
-rwxrwxr-x 1 wy1z 2264 Nov 30 1992 arlx041.92
-rwxrwxr-x 1 wy1z 1891 Dec 1 1992 arlx042.92
-rwxrwxr-x 1 wy1z 1686 Dec 2 1992 arlx043.92
-rwxrwxr-x 1 wy1z 1620 Dec 3 1992 arlx044.92
-rwxrwxr-x 1 wy1z 1758 Dec 18 1992 arlx045.92
-rwxrwxr-x 1 wy1z 1823 Dec 18 1992 arlx046.92
-rwxrwxr-x 1 wy1z 1894 Dec 18 1992 arlx047.92
-rwxrwxr-x 1 wy1z 3498 Dec 22 1992 arlx048.92

barc/w1aw-list/arlx/1993:
total 36
-rwxrwxr-x 1 wy1z 1736 Jan 16 1993 arlx001.93
-rwxrwxr-x 1 wy1z 2699 Feb 3 1993 arlx002.93
-rwxrwxr-x 1 wy1z 3408 Mar 18 1993 arlx003.93
-rwxrwxr-x 1 wy1z 2524 Apr 14 1993 arlx004.93
-rwxrwxr-x 1 wy1z 2323 Apr 30 1993 arlx005.93
-rwxrwxr-x 1 wy1z 2982 May 7 1993 arlx006.93
-rwxrwxr-x 1 wy1z 1834 May 13 1993 arlx007.93
-rwxrwxr-x 1 wy1z 2053 May 13 1993 arlx008.93
-rwxrwxr-x 1 wy1z 2784 May 24 1993 arlx009.93
-rwxrwxr-x 1 wy1z 2923 May 24 1993 arlx010.93
-rwxrwxr-x 1 wy1z 3189 Jun 3 1993 arlx011.93
-rwxrwxr-x 1 wy1z 2218 May 1 1993 arlx025.93

barc/w1aw-list/arlx/1994:
total 26
-rwxrwxr-x 1 wy1z 2394 Jan 17 19:17 arlx001.94
-rwxrwxr-x 1 wy1z 2036 Jan 17 19:17 arlx002.94
```

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-rwxrwxr-x 1 wy1z 2178 Jan 25 13:36 arlx003.94
-rwxrwxr-x 1 wy1z 2704 Jan 25 13:36 arlx004.94
-rwxrwxr-x 1 wy1z 2417 Jan 25 13:36 arlx005.94
-rwxrwxr-x 1 wy1z 2541 Jan 25 13:36 arlx006.94
-rwxrwxr-x 1 wy1z 1972 Mar 8 23:24 arlx007.94
-rwxrwxr-x 1 wy1z 2059 Mar 8 23:24 arlx008.94
-rwxrwxr-x 1 wy1z 1678 Mar 8 23:24 arlx009.94
-rwxrwxr-x 1 wy1z 1534 Mar 8 23:24 arlx010.94

faq:
total 224
-rwxrwxr-x 1 wy1z 9855 Mar 10 08:00 cb-faq-1
-rwxrwxr-x 1 wy1z 25838 Mar 10 08:01 cb-faq-2
-rwxrwxr-x 1 wy1z 10495 Mar 10 08:01 cb-faq-3
-rwxrwxr-x 1 wy1z 13794 Mar 10 08:01 cb-faq-4
-rwxrwxr-x 1 wy1z 23912 Mar 10 08:01 ham-radio-faq.1
-rwxrwxr-x 1 wy1z 41954 Mar 10 08:01 ham-radio-faq.2
-rwxrwxr-x 1 wy1z 32181 Mar 10 08:01 ham-radio-faq.3
-rwxrwxr-x 1 wy1z 32818 Mar 10 08:01 packet.faq
-rwxrwxr-x 1 wy1z 33652 Mar 10 08:01 rtty_fax.faq

general-info:
total 77
-rwxrwxr-x 1 wy1z 62609 Feb 13 15:25 National_Exams
-rwxrwxr-x 1 wy1z 6242 Feb 13 15:26 New_England_Exams
-rwxrwxr-x 1 wy1z 7903 Feb 13 15:26 New_England_Ham_Fleamarkets

incoming:
total 0

mac:
total 11
-rwxrwxr-x 1 wy1z 1226 Nov 1 13:45 00-README
drwxrwxr-x 2 wy1z 512 Mar 15 11:59 contest
drwxrwxr-x 2 wy1z 1024 Mar 15 19:04 digital
drwxrwxr-x 2 wy1z 512 Mar 15 11:59 games
drwxrwxr-x 2 wy1z 512 Mar 15 12:00 mac-roster
drwxrwxr-x 2 wy1z 512 Mar 15 19:03 satellite
drwxrwxr-x 2 wy1z 512 Mar 15 12:00 space
drwxrwxr-x 2 wy1z 1024 Mar 15 12:54 theory-and-morse
drwxrwxr-x 2 wy1z 1024 Mar 15 19:02 utils
drwxrwxr-x 2 wy1z 512 Mar 15 12:00 welcome

mac/contest:
total 729
-rwxrwxr-x 1 wy1z 7296 Oct 18 18:44 DX-Info
-rwxrwxr-x 1 wy1z 25728 Oct 18 18:44 DXCC-CRIB-SHEET.SEA
-rwxrwxr-x 1 wy1z 31360 Oct 18 18:44 HAM-AWARDS.SEA
-rwxrwxr-x 1 wy1z 133376 Oct 18 18:45 contest.sea
-rwxrwxr-x 1 wy1z 7070 Oct 18 18:45 dx-info
-rwxrwxr-x 1 wy1z 22784 Oct 18 18:45 dxexcel.sea
-rwxrwxr-x 1 wy1z 94976 Oct 18 18:46 dxmap.sea
```

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-rwxrwxr-x 1 wy1z 103808 Oct 18 18:46 dxstack.sea
-rwxrwxr-x 1 wy1z 20608 Oct 18 18:46 grid.sea
-rwxrwxr-x 1 wy1z 156672 Oct 18 18:46 macsw.sea
-rwxrwxr-x 1 wy1z 55936 Oct 18 18:46 morsemaster.sea
-rwxrwxr-x 1 wy1z 41728 Oct 18 18:47 sunclock.sea

mac/digital:
total 3940
-rwxrwxr-x 1 wy1z 94720 Feb 13 1992 BeginTCP.sit.hqx
-rwxrwxr-x 1 wy1z 10878 Jan 31 1993 Domn0201.Net
-rwxrwxr-x 1 wy1z 23284 Jan 31 1993 Host0201.Net
-rwxrwxr-x 1 wy1z 23281 Jan 31 1993 Host0201.txt
-rwxrwxr-x 1 wy1z 3751 Mar 4 06:51 IM_Mac1.0b27y.sea.hqx.text
-rwxrwxr-x 1 wy1z 202901 Mar 4 14:47 IM_Mac_1.0b27y.sea.hqx
-rwxrwxr-x 1 wy1z 2816 Oct 19 08:16 Internet-Packet
-rwxrwxr-x 1 wy1z 213764 Jan 29 1993 NETMacenvironment.sea.hqx
-rwxrwxr-x 1 wy1z 306717 Mar 3 23:19 NET_Mac2.3.38.sea.hqx
-rwxrwxr-x 1 wy1z 1974 Mar 3 23:16 NET_Mac2.3.38.sea.hqx.text
-rwxrwxr-x 1 wy1z 203551 Jun 29 1993 PMM.cpt.hqx
-rwxrwxr-x 1 wy1z 186882 Mar 12 1993 PacketTrackerV1.04.hqx
-rwxrwxr-x 1 wy1z 94208 Oct 19 08:16 Pkt-Macs-188.sea
-rwxrwxr-x 1 wy1z 253711 Mar 15 19:03 Savant-1.0.1-demo.hqx
-rw-r--r-- 1 wy1z 156417 Mar 15 19:03 Savant-1.0.1-updater.hqx
-rwxrwxr-x 1 wy1z 117760 Oct 19 08:17 pkttracker.sea
-rwxrwxr-x 1 wy1z 24192 Oct 19 08:17 pkttu.txt.sea
-rwxrwxr-x 1 wy1z 8494 Jan 31 1993 shrt0201.net
-rwxrwxr-x 1 wy1z 155580 Oct 28 22:14 softkiss.1.8.sit.hqx
-rwxrwxr-x 1 wy1z 4145 Oct 28 22:14 softkiss.notes
-rwxrwxr-x 1 wy1z 493968 Oct 28 22:15 softkiss.src.1.8.sit.hqx
-rwxrwxr-x 1 wy1z 47488 Oct 19 08:17 talkterm.sea
-rwxrwxr-x 1 wy1z 45056 Oct 19 08:17 tcp-faq.sea
-rwxrwxr-x 1 wy1z 444288 Oct 19 09:18 tcp.sea
-rwxrwxr-x 1 wy1z 502237 Apr 28 1993 tcpip.sit.hqx
-rwxrwxr-x 1 wy1z 252416 Feb 13 1992 tcpmanual

mac/games:
total 320
-rwxrwxr-x 1 wy1z 312704 Oct 18 18:50 games.sea

mac/mac-roster:
total 336
-rwxrwxr-x 1 wy1z 335488 Oct 19 07:57 531.sea

mac/satellite:
total 1067
-rw-r--r-- 1 wy1z 67086 Mar 15 19:02 MACSAT.USERS.GUIDE.HQX
-rw-r--r-- 1 wy1z 297011 Mar 15 19:02 MACSAT30.DEMO.SIT.HQX
-rwxrwxr-x 1 wy1z 97671 Feb 13 1992 dove.hqx
-rwxrwxr-x 1 wy1z 3976 Feb 13 1992 dove.readme
-rw-r--r-- 1 wy1z 61460 Mar 15 19:03 sat-quizzer-03.hqx
-rw-r--r-- 1 wy1z 257314 Mar 15 19:03 sat-trak-102.hqx
```

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-rwxrwxr-x 1 wy1z 267170 Feb 25 17:45 sattrak-102.sea.hqx

mac/space:
total 1145
-rwxrwxr-x 1 wy1z 67086 Jan 5 16:15 MACSAT.USERS.GUIDE.HQX
-rwxrwxr-x 1 wy1z 297011 Jan 5 16:16 MACSAT30.DEMO.SIT.HQX
-rwxrwxr-x 1 wy1z 300544 Oct 19 08:15 OrbiTrack-2.1b14-folder.sea
-rwxrwxr-x 1 wy1z 56192 Oct 19 08:15 galaxy.txt.sea
-rwxrwxr-x 1 wy1z 99712 Oct 19 08:15 macastro.sea
-rwxrwxr-x 1 wy1z 37248 Oct 19 08:15 macdove.sea
-rwxrwxr-x 1 wy1z 257314 Oct 28 19:17 sat-trak-102.hqx
-rwxrwxr-x 1 wy1z 2084 Oct 19 08:15 space-bbs

mac/theory-and-morse:
total 3140
-rwxrwxr-x 1 wy1z 536625 Mar 15 12:53 Advanced_Ham_Test.hqx
-rwxrwxr-x 1 wy1z 476347 Mar 15 12:53 Extra_Ham_Test.hqx
-rwxrwxr-x 1 wy1z 320149 Mar 15 12:52 General_Ham_Test_.hqx
-rwxrwxr-x 1 wy1z 23957 Mar 15 12:52 MORSE_CODE_TUTOR.hqx
-rwxrwxr-x 1 wy1z 16568 Feb 13 1992 MorseCodeV1.2.sit.hqx
-rwxrwxr-x 1 wy1z 409007 Mar 15 12:52 Novice_Ham_Test.hqx
-rwxrwxr-x 1 wy1z 341519 Mar 15 12:52 Technician_Ham_Test.hqx
-rw-r--r-- 1 wy1z 160327 Mar 15 12:53 advanced-pool.txt
-rw-r--r-- 1 wy1z 163769 Mar 15 12:54 extra-pool.txt
-rw-r--r-- 1 wy1z 95919 Mar 15 12:52 general-pool.txt
-rwxrwxr-x 1 wy1z 20991 Mar 15 12:51 morse.hqx
-rwxrwxr-x 1 wy1z 13228 Apr 28 1993 morse.sit.hqx
-rwxrwxr-x 1 wy1z 13320 Apr 28 1993 morse_code_tutor.sit.hqx
-rwxrwxr-x 1 wy1z 44302 Mar 15 12:51 morsecode1.0.sit.hqx
-rwxrwxr-x 1 wy1z 48803 Mar 15 12:51 morsemania.sit.hqx
-rwxrwxr-x 1 wy1z 58146 Mar 15 12:51 morsemaster1.0.sit.hqx
-rwxrwxr-x 1 wy1z 130253 Mar 15 12:51 morsetrainer1.1.sit.hqx
-rw-r--r-- 1 wy1z 115973 Mar 15 12:53 novice-pool.txt
-rw-r--r-- 1 wy1z 105161 Mar 15 12:53 technician-pool.txt

mac/utils:
total 1377
-rwxrwxr-x 1 wy1z 33408 Oct 19 09:25 AutoMacTM-III
-rw-r--r-- 1 wy1z 89586 Mar 15 19:01 BinHex-stuff.hqx
-rwxrwxr-x 1 wy1z 66176 Nov 1 13:34 CPT2SIT-TM-Install
-rwxrwxr-x 1 wy1z 121088 Nov 1 13:35 Compact-Pro-Package
-rwxrwxr-x 1 wy1z 2138 Mar 15 19:00 DX_Map.README
-rwxrwxr-x 1 wy1z 41989 Mar 15 19:00 DX_Map1.0_XFCNs.hqx
-rwxrwxr-x 1 wy1z 100311 Mar 15 19:00 DXmap1.1.hqx
-rwxrwxr-x 1 wy1z 32896 Oct 19 09:25 Serial-Tool
-rwxrwxr-x 1 wy1z 145792 Nov 4 17:54 SmSolSysLT.sea
-rwxrwxr-x 1 wy1z 117632 Nov 1 13:35 StuffIt-1.5.1
-rwxrwxr-x 1 wy1z 17408 Nov 1 13:35 StuffIt-Converter-3.0.2.sit
-rwxrwxr-x 1 wy1z 93952 Nov 1 13:35 StuffIt-Expander-TM.sea
-rw-r--r-- 1 wy1z 185612 Mar 15 19:01 UnstuffitDeluxe.hqx
-rwxrwxr-x 1 wy1z 27776 Nov 4 17:56 WORLDTIME.sit
```

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-rwxrwxr-x 1 wy1z 7040 Nov 1 13:35 binhex4.0.bin
-rwxrwxr-x 1 wy1z 23424 Nov 1 13:35 cptexpand.sea
-rwxrwxr-x 1 wy1z 179072 Nov 9 06:38 disinfectant33.sea
-rwxrwxr-x 1 wy1z 50432 Oct 19 09:25 unzip1.10

mac/welcome:
total 20
-rwxrwxr-x 1 wy1z 86 Oct 29 15:26 00-README
-rwxrwxr-x 1 wy1z 443 Oct 19 09:23 PD-Software-Offer-copy
-rwxrwxr-x 1 wy1z 12416 Oct 19 08:17 Read-me!
-rwxrwxr-x 1 wy1z 4224 Oct 19 08:17 welcome-to-macnet!

misc:
total 1675
-rwxrwxr-x 1 wy1z 15921 Jan 27 1993 E.MASS-CLUB-LIST
-rwxrwxr-x 1 wy1z 6055 Feb 5 1993 MASS-QSO-PARTY.RULES
-rwxrwxr-x 1 wy1z 144 Jan 27 1993 README
-rwxrwxr-x 1 wy1z 3210 Jan 27 1993 af2j-ax.ip
-rwxrwxr-x 1 wy1z 64693 Mar 28 1993 ax25.doc
-rwxrwxr-x 1 wy1z 364581 Jan 1 12:14 barc-list.Z
-rwxrwxr-x 1 wy1z 28401 Mar 5 1993 barc-trace.eps
-rwxrwxr-x 1 wy1z 5918 Feb 4 1993 bars-list
-rwxrwxr-x 1 wy1z 161831 Jul 16 1993 bbs-list
-rwxrwxr-x 1 wy1z 1996 Mar 12 1993 callsigns-march1
-rwxrwxr-x 1 wy1z 3682 May 27 1993 catvfreq.txt
-rwxrwxr-x 1 wy1z 17289 Mar 12 1993 dxcc.lst
-rwxrwxr-x 1 wy1z 22682 May 16 1993 electronic-mail-order.lst
-rwxrwxr-x 1 wy1z 3644 Jul 16 1993 fastfood-frequencies
-rwxrwxr-x 1 wy1z 7888 Mar 10 08:04 fcc.allocations
-rwxrwxr-x 1 wy1z 6275 Mar 10 08:04 fcc.sources
-rwxrwxr-x 1 wy1z 25380 Jan 26 1993 hamlist
-rwxrwxr-x 1 wy1z 2893 Mar 12 1993 hr707
-rwxrwxr-x 1 wy1z 31789 Jul 16 1993 internet-services
-rwxrwxr-x 1 wy1z 3528 Mar 12 1993 intmod.tst
-rwxrwxr-x 1 wy1z 3331 Jan 16 1993 kep-info
-rwxrwxr-x 1 wy1z 3678 Mar 12 1993 molex
-rwxrwxr-x 1 wy1z 164893 Mar 5 1993 nosbgn20.lp
-rwxrwxr-x 1 wy1z 168099 Mar 5 1993 nosbgn20.prn
-rwxrwxr-x 1 wy1z 352681 Mar 5 1993 nosbgn20.ps
-rwxrwxr-x 1 wy1z 9272 Mar 12 1993 nprm93-01
-rwxrwxr-x 1 wy1z 3800 Jan 16 1993 russian-cw.info
-rwxrwxr-x 1 wy1z 7103 Jan 17 11:29 sandiego_ham_repeater_list.zip
-rwxrwxr-x 1 wy1z 45212 Sep 13 1993 sat_bas.txt
-rwxrwxr-x 1 wy1z 7587 Mar 10 08:04 scanner.faf
-rwxrwxr-x 1 wy1z 41750 Mar 12 1993 serial.1
-rwxrwxr-x 1 wy1z 21588 Mar 12 1993 serial.2
-rwxrwxr-x 1 wy1z 12370 Jul 12 1993 shuttle
-rwxrwxr-x 1 wy1z 5839 Jan 17 11:30 tvchfreq.txt
-rwxrwxr-x 1 wy1z 8972 Mar 12 1993 uniden
```

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mods:
total 28
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 aea
drwxrwxr-x 2 wy1z 1024 Mar 15 12:03 alinco
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 aor
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 argosy
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 ge
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 grundig
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 heathkit
drwxrwxr-x 2 wy1z 2048 Mar 15 12:04 icom
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 kantronics
drwxrwxr-x 2 wy1z 2048 Mar 15 12:04 kenwood
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 mfj
drwxrwxr-x 2 wy1z 1024 Mar 15 12:05 misc
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 motorola
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 paccomm
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 ramsey
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 ranger
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 sangean
drwxrwxr-x 2 wy1z 512 Mar 15 12:04 sony
drwxrwxr-x 2 wy1z 512 Mar 15 12:03 standard
drwxrwxr-x 2 wy1z 1536 Mar 15 12:05 tandy
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 tapr
drwxrwxr-x 5 wy1z 512 Mar 15 12:05 uniden
drwxrwxr-x 2 wy1z 2560 Mar 15 12:04 yaesu

mods/aea:
total 19
-rwxrwxr-x 1 wy1z 2702 Feb 27 23:14 hamlink
-rwxrwxr-x 1 wy1z 1807 Feb 27 23:02 pk232
-rwxrwxr-x 1 wy1z 4930 Feb 27 23:02 pk232.reg
-rwxrwxr-x 1 wy1z 1278 Feb 27 23:02 pk232bat
-rwxrwxr-x 1 wy1z 1820 Feb 27 23:02 pk232lok.mod
-rwxrwxr-x 1 wy1z 3826 Feb 27 23:02 pk232pwr
-rwxrwxr-x 1 wy1z 914 Feb 27 23:02 pk88fix

mods/alinco:
total 117
-rwxrwxr-x 1 wy1z 2726 Feb 25 20:44 alinco
-rwxrwxr-x 1 wy1z 1602 Feb 25 20:44 alinco.9k6
-rwxrwxr-x 1 wy1z 3416 Feb 25 20:44 alinco.lit
-rwxrwxr-x 1 wy1z 2219 Feb 25 20:44 alr22t
-rwxrwxr-x 1 wy1z 2090 Jan 15 23:49 alr22t.mod
-rwxrwxr-x 1 wy1z 786 Feb 25 20:37 dj120
-rwxrwxr-x 1 wy1z 1090 Jan 14 19:09 dj120.mod
-rwxrwxr-x 1 wy1z 3004 Feb 25 20:37 dj160
-rwxrwxr-x 1 wy1z 1581 Feb 25 20:37 dj160dtm
-rwxrwxr-x 1 wy1z 566 Feb 25 20:37 dj160pik
-rwxrwxr-x 1 wy1z 6123 Feb 25 20:39 dj160tx
-rwxrwxr-x 1 wy1z 1593 Jan 14 19:09 dj162.mod
-rwxrwxr-x 1 wy1z 2807 Jan 14 19:09 dj500.mod
-rwxrwxr-x 1 wy1z 3501 Jan 14 19:09 dj560-1.mod
```

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-rwxrwxr-x 1 wy1z 1213 Jan 14 19:09 dj560.mod
-rwxrwxr-x 1 wy1z 2068 Feb 25 20:39 dj560t
-rwxrwxr-x 1 wy1z 1950 Jan 14 19:09 dj580.mod
-rwxrwxr-x 1 wy1z 1350 Feb 25 20:39 dj580.ud
-rwxrwxr-x 1 wy1z 2466 Feb 25 20:39 dj580mod
-rwxrwxr-x 1 wy1z 3951 Jan 14 19:09 dj580rep.inf
-rwxrwxr-x 1 wy1z 6951 Feb 25 20:39 dj580rev
-rwxrwxr-x 1 wy1z 838 Feb 25 20:39 dj580rx
-rwxrwxr-x 1 wy1z 2621 Feb 25 20:39 dj580t
-rwxrwxr-x 1 wy1z 1550 Feb 25 20:40 dj590xbf
-rwxrwxr-x 1 wy1z 2859 Feb 25 20:40 djf1t
-rwxrwxr-x 1 wy1z 1220 Feb 25 20:40 djf1t.mod
-rwxrwxr-x 1 wy1z 1117 Feb 25 20:40 dr110
-rwxrwxr-x 1 wy1z 1181 Feb 25 20:40 dr110_11
-rwxrwxr-x 1 wy1z 2274 Feb 25 20:40 dr110cel
-rwxrwxr-x 1 wy1z 1145 Feb 25 20:40 dr1200
-rwxrwxr-x 1 wy1z 2232 Jan 14 19:09 dr1200-1.mod
-rwxrwxr-x 1 wy1z 845 Feb 25 20:40 dr1200.960
-rwxrwxr-x 1 wy1z 1873 Feb 25 20:40 dr1200.im
-rwxrwxr-x 1 wy1z 1334 Jan 14 19:09 dr1200.mod
-rwxrwxr-x 1 wy1z 2144 Jan 14 19:09 dr1200t.mod
-rwxrwxr-x 1 wy1z 1157 Feb 25 20:40 dr130
-rwxrwxr-x 1 wy1z 1272 Jan 14 19:09 dr130.mod
-rwxrwxr-x 1 wy1z 4077 Jan 14 19:09 dr510.mod
-rwxrwxr-x 1 wy1z 886 Jan 14 19:09 dr570.mod
-rwxrwxr-x 1 wy1z 2006 Feb 25 20:40 dr599t
-rwxrwxr-x 1 wy1z 2147 Jan 14 19:09 dr599t-1.mod
-rwxrwxr-x 1 wy1z 1876 Jan 14 19:09 dr599t.mod
-rwxrwxr-x 1 wy1z 1735 Feb 25 20:40 dr600
-rwxrwxr-x 1 wy1z 6003 Jan 14 19:09 dr600.mod

mods/aor:
total 8
-rwxrwxr-x 1 wy1z 7726 Feb 27 23:10 ar1000

mods/argosy:
total 1
-rwxrwxr-x 1 wy1z 697 Feb 27 23:11 argosy2

mods/ge:
total 18
-rwxrwxr-x 1 wy1z 11676 Jan 15 23:49 ge_mvp.mod
-rwxrwxr-x 1 wy1z 5908 Jan 15 23:49 ge_mvpex.mod

mods/grundig:
total 10
-rwxrwxr-x 1 wy1z 4023 Feb 27 23:41 sat500
-rwxrwxr-x 1 wy1z 5482 Jan 19 15:59 satellit500.mod

mods/heathkit:
total 7
-rwxrwxr-x 1 wy1z 3558 Jan 15 23:50 hw-24-t.mod
```

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-rwxrwxr-x 1 wy1z 980 Jan 15 23:50 hw-24.mod
-rwxrwxr-x 1 wy1z 684 Feb 27 23:16 hw24
-rwxrwxr-x 1 wy1z 825 Feb 27 23:16 hw2m

mods/icom:
total 327
-rwxrwxr-x 1 wy1z 0 Feb 27 22:23 757contr
-rwxrwxr-x 1 wy1z 3020 Feb 27 22:18 i290
-rwxrwxr-x 1 wy1z 2006 Jan 14 19:08 ic-24.mod
-rwxrwxr-x 1 wy1z 1158 Jan 14 19:08 ic-mu2.mod
-rwxrwxr-x 1 wy1z 1143 Jan 14 19:08 ic-p2at.mod
-rwxrwxr-x 1 wy1z 1199 Jan 14 19:08 ic02-2.mod
-rwxrwxr-x 1 wy1z 837 Jan 14 19:08 ic02-3.mod
-rwxrwxr-x 1 wy1z 2031 Jan 14 19:08 ic02.mod
-rwxrwxr-x 1 wy1z 4057 Feb 27 22:17 ic02mod
-rwxrwxr-x 1 wy1z 1845 Jan 14 19:08 ic04.mod
-rwxrwxr-x 1 wy1z 8507 Feb 27 22:17 ic229
-rwxrwxr-x 1 wy1z 2933 Feb 27 22:17 ic229mod
-rwxrwxr-x 1 wy1z 2210 Feb 27 22:17 ic22s
-rwxrwxr-x 1 wy1z 936 Jan 14 19:08 ic24-2.mod
-rwxrwxr-x 1 wy1z 5159 Jan 14 19:08 ic24-3.mod
-rwxrwxr-x 1 wy1z 4425 Feb 27 22:17 ic2410
-rwxrwxr-x 1 wy1z 6541 Jan 14 19:08 ic2410.mod
-rwxrwxr-x 1 wy1z 592 Feb 27 22:17 ic2410tx
-rwxrwxr-x 1 wy1z 2157 Feb 27 22:17 ic24atke
-rwxrwxr-x 1 wy1z 2074 Feb 27 22:17 ic24atke.1
-rwxrwxr-x 1 wy1z 2324 Feb 27 22:17 ic24atmo
-rwxrwxr-x 1 wy1z 1199 Feb 27 22:17 ic24atne
-rwxrwxr-x 1 wy1z 2051 Feb 27 22:17 ic24atte
-rwxrwxr-x 1 wy1z 1229 Feb 27 22:17 ic28
-rwxrwxr-x 1 wy1z 465 Jan 14 19:08 ic28.mod
-rwxrwxr-x 1 wy1z 1927 Feb 27 22:17 ic2at
-rwxrwxr-x 1 wy1z 2327 Feb 27 22:17 ic2at.1
-rwxrwxr-x 1 wy1z 2636 Jan 14 19:08 ic2at.mod
-rwxrwxr-x 1 wy1z 2369 Feb 27 22:17 ic2gatmo
-rwxrwxr-x 1 wy1z 1537 Feb 27 22:17 ic2ia.mic
-rwxrwxr-x 1 wy1z 4413 Feb 27 22:17 ic2sat
-rwxrwxr-x 1 wy1z 7967 Jan 14 19:08 ic2sat-2.mod
-rwxrwxr-x 1 wy1z 4894 Jan 14 19:08 ic2sat.mod
-rwxrwxr-x 1 wy1z 1607 Feb 27 22:17 ic2satrx
-rwxrwxr-x 1 wy1z 545 Feb 27 22:17 ic2satrx.1
-rwxrwxr-x 1 wy1z 8722 Feb 27 22:17 ic2sra
-rwxrwxr-x 1 wy1z 7555 Feb 27 22:17 ic2sra.1
-rwxrwxr-x 1 wy1z 8413 Jan 14 19:08 ic2sra.mod
-rwxrwxr-x 1 wy1z 2622 Jan 14 19:08 ic32-2.mod
-rwxrwxr-x 1 wy1z 2439 Jan 14 19:08 ic32.mod
-rwxrwxr-x 1 wy1z 996 Feb 27 22:17 ic3200a
-rwxrwxr-x 1 wy1z 440 Jan 14 19:08 ic3200a.mod
-rwxrwxr-x 1 wy1z 2240 Feb 27 22:17 ic32at
-rwxrwxr-x 1 wy1z 2995 Feb 27 22:17 ic32atmo
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-rwxrwxr-x 1 wy1z 3556 Feb 27 22:17 ic32mod
-rwxrwxr-x 1 wy1z 3190 Feb 27 22:17 ic37
-rwxrwxr-x 1 wy1z 3822 Jan 14 19:08 ic37.mod
-rwxrwxr-x 1 wy1z 2224 Feb 27 22:17 ic720
-rwxrwxr-x 1 wy1z 2363 Jan 16 21:35 ic720a.mod
-rwxrwxr-x 1 wy1z 597 Feb 27 22:17 ic728
-rwxrwxr-x 1 wy1z 6031 Feb 27 22:17 ic731rs2
-rwxrwxr-x 1 wy1z 570 Feb 27 22:17 ic735
-rwxrwxr-x 1 wy1z 3614 Jan 16 00:56 ic735-1.mod
-rwxrwxr-x 1 wy1z 1380 Jan 16 00:56 ic735-2.mod
-rwxrwxr-x 1 wy1z 1373 Jan 14 19:08 ic735ibm.mod
-rwxrwxr-x 1 wy1z 7758 Jan 14 19:08 ic751.mod
-rwxrwxr-x 1 wy1z 4968 Feb 27 22:17 ic751ext
-rwxrwxr-x 1 wy1z 3002 Feb 27 22:17 ic751spl
-rwxrwxr-x 1 wy1z 3316 Feb 27 22:17 ic751sw
-rwxrwxr-x 1 wy1z 2866 Feb 27 22:17 ic900.mod
-rwxrwxr-x 1 wy1z 4226 Feb 27 22:17 ic901
-rwxrwxr-x 1 wy1z 2705 Feb 27 22:17 ic901.p
-rwxrwxr-x 1 wy1z 4063 Jan 14 19:08 ic901a.mod
-rwxrwxr-x 1 wy1z 2214 Jan 14 19:08 icom-ram.mod
-rwxrwxr-x 1 wy1z 3325 Feb 27 22:17 icom2
-rwxrwxr-x 1 wy1z 3331 Feb 27 22:17 icom32
-rwxrwxr-x 1 wy1z 1897 Jan 14 19:08 icom32at.mod
-rwxrwxr-x 1 wy1z 4367 Feb 27 22:17 icom_r71
-rwxrwxr-x 1 wy1z 4519 Feb 27 22:17 icombnc
-rwxrwxr-x 1 wy1z 1378 Feb 27 22:17 icp2at
-rwxrwxr-x 1 wy1z 1311 Feb 27 22:17 icp2at_
-rwxrwxr-x 1 wy1z 3502 Feb 27 22:17 icw.sm7
-rwxrwxr-x 1 wy1z 6488 Feb 27 22:17 icw2.sum
-rwxrwxr-x 1 wy1z 4346 Jan 14 19:08 icw21at.mod
-rwxrwxr-x 1 wy1z 1447 Feb 27 22:17 icw21atr
-rwxrwxr-x 1 wy1z 1043 Feb 27 22:17 icw21atr.pac
-rwxrwxr-x 1 wy1z 4725 Feb 27 22:17 icw2a
-rwxrwxr-x 1 wy1z 2590 Jan 14 19:08 icw2a-1.mod
-rwxrwxr-x 1 wy1z 6673 Jan 14 19:08 icw2a.mod
-rwxrwxr-x 1 wy1z 1440 Feb 27 22:17 icw2arx
-rwxrwxr-x 1 wy1z 589 Feb 27 22:17 icw2arx.1
-rwxrwxr-x 1 wy1z 750 Feb 27 22:17 icw2e
-rwxrwxr-x 1 wy1z 1634 Feb 27 22:17 icw2tune
-rwxrwxr-x 1 wy1z 1902 Feb 27 22:17 icxx71
-rwxrwxr-x 1 wy1z 4713 Feb 27 23:26 r1ant
-rwxrwxr-x 1 wy1z 26176 Jan 14 19:13 r7000-2.mod
-rwxrwxr-x 1 wy1z 3309 Feb 27 22:18 r7000.mod
-rwxrwxr-x 1 wy1z 2844 Feb 28 13:36 u16
-rwxrwxr-x 1 wy1z 3101 Jan 14 19:23 u2at.mod

mods/kantronics:
total 8
-rwxrwxr-x 1 wy1z 1129 Jan 15 23:50 kamdcd.mod
-rwxrwxr-x 1 wy1z 1358 Feb 27 23:04 kantroni
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-rwxrwxr-x 1 wy1z 584 Feb 27 23:04 kpc2dcdm
-rwxrwxr-x 1 wy1z 2403 Feb 27 23:25 pacmod

mods/kenwood:
total 369
-rwxrwxr-x 1 wy1z 3410 Feb 27 22:25 757contr
-rwxrwxr-x 1 wy1z 2084 Feb 27 22:32 9k6tm721
-rwxrwxr-x 1 wy1z 3868 Feb 27 22:26 kenwdmic
-rwxrwxr-x 1 wy1z 1324 Feb 27 22:26 kptr2600
-rwxrwxr-x 1 wy1z 0 Feb 27 22:26 ps50
-rwxrwxr-x 1 wy1z 1753 Jan 15 23:51 ps50.fix
-rwxrwxr-x 1 wy1z 814 Feb 27 22:29 r1000mut
-rwxrwxr-x 1 wy1z 785 Feb 27 22:29 r5000
-rwxrwxr-x 1 wy1z 1155 Jan 14 19:13 r5000.mod
-rwxrwxr-x 1 wy1z 3309 Feb 27 22:29 r7000.mod
-rwxrwxr-x 1 wy1z 4771 Jan 14 19:13 radio.mod
-rwxrwxr-x 1 wy1z 2175 Jan 14 19:11 th215.mod
-rwxrwxr-x 1 wy1z 2932 Jan 16 00:57 th225.mod
-rwxrwxr-x 1 wy1z 7624 Jan 14 19:11 th25.mod
-rwxrwxr-x 1 wy1z 862 Jan 14 19:11 th27a.mod
-rwxrwxr-x 1 wy1z 6003 Jan 14 19:11 th28a.mod
-rwxrwxr-x 1 wy1z 1333 Jan 14 19:11 th75.mod
-rwxrwxr-x 1 wy1z 25211 Jan 14 19:11 th77a.mod
-rwxrwxr-x 1 wy1z 8702 Jan 14 19:11 th78a-0.mod
-rwxrwxr-x 1 wy1z 4445 Jan 14 19:11 th78a-1.mod
-rwxrwxr-x 1 wy1z 7471 Jan 14 19:11 th78a-2.mod
-rwxrwxr-x 1 wy1z 21400 Jan 14 19:11 th78a-complete.mod
-rwxrwxr-x 1 wy1z 3435 Jan 14 19:11 th78a-new.mod
-rwxrwxr-x 1 wy1z 890 Jan 14 19:11 th78a-warn.mod
-rwxrwxr-x 1 wy1z 2441 Jan 14 19:11 tm-96kb.mod
-rwxrwxr-x 1 wy1z 1340 Jan 14 19:11 tm221.fix
-rwxrwxr-x 1 wy1z 758 Jan 14 19:11 tm2570a.mod
-rwxrwxr-x 1 wy1z 937 Jan 14 19:11 tm321a-2.mod
-rwxrwxr-x 1 wy1z 1384 Jan 14 19:11 tm321a-3.mod
-rwxrwxr-x 1 wy1z 583 Jan 14 19:11 tm321a.mod
-rwxrwxr-x 1 wy1z 1702 Jan 14 19:11 tm421.mod
-rwxrwxr-x 1 wy1z 1836 Jan 16 00:57 tm421a.mod
-rwxrwxr-x 1 wy1z 2900 Jan 14 19:11 tm701.mod
-rwxrwxr-x 1 wy1z 271 Jan 14 19:11 tm701a.mod
-rwxrwxr-x 1 wy1z 2718 Jan 14 19:11 tm721-2.mod
-rwxrwxr-x 1 wy1z 5940 Jan 14 19:11 tm721-3.mod
-rwxrwxr-x 1 wy1z 4143 Jan 14 19:11 tm721.mod
-rwxrwxr-x 1 wy1z 1575 Jan 14 19:11 tm731.mod
-rwxrwxr-x 1 wy1z 1083 Jan 14 19:11 tm732a-1.mod
-rwxrwxr-x 1 wy1z 5697 Jan 14 19:11 tm732a-2.mod
-rwxrwxr-x 1 wy1z 4401 Jan 14 19:11 tm741-1.mod
-rwxrwxr-x 1 wy1z 2701 Jan 14 19:11 tm741-2.mod
-rwxrwxr-x 1 wy1z 17234 Jan 14 19:11 tm741.mod
-rwxrwxr-x 1 wy1z 4637 Jan 14 19:11 tm741732.mod
-rwxrwxr-x 1 wy1z 3048 Jan 14 19:11 tm742.mod
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-rwxrwxr-x 1 wy1z 2723 Jan 16 00:57 tm941a-2.mod
-rwxrwxr-x 1 wy1z 4490 Jan 14 19:11 tm941a.mod
-rwxrwxr-x 1 wy1z 1191 Jan 15 23:54 tr7625.fix
-rwxrwxr-x 1 wy1z 1588 Jan 14 19:11 ts140.fix
-rwxrwxr-x 1 wy1z 547 Jan 14 19:11 ts140.mod
-rwxrwxr-x 1 wy1z 9607 Jan 14 19:11 ts180.fix
-rwxrwxr-x 1 wy1z 3439 Jan 14 19:11 ts2400.fix
-rwxrwxr-x 1 wy1z 2969 Jan 14 19:11 ts25-45at.mod
-rwxrwxr-x 1 wy1z 827 Jan 14 19:11 ts430-2.mod
-rwxrwxr-x 1 wy1z 796 Jan 14 19:11 ts430.mod
-rwxrwxr-x 1 wy1z 6155 Jan 14 19:11 ts430s.fix
-rwxrwxr-x 1 wy1z 1355 Jan 14 19:11 ts440-1.mod
-rwxrwxr-x 1 wy1z 954 Jan 14 19:11 ts440-at.mod
-rwxrwxr-x 1 wy1z 2101 Jan 14 19:11 ts440.fix
-rwxrwxr-x 1 wy1z 1543 Jan 14 19:11 ts440.mod
-rwxrwxr-x 1 wy1z 4149 Jan 14 19:11 ts450-690.mod
-rwxrwxr-x 1 wy1z 4689 Jan 16 00:57 ts450s.mod
-rwxrwxr-x 1 wy1z 4268 Jan 14 19:11 ts50.mod
-rwxrwxr-x 1 wy1z 6731 Jan 14 19:11 ts520.fix
-rwxrwxr-x 1 wy1z 1428 Jan 14 19:11 ts530.mod
-rwxrwxr-x 1 wy1z 2848 Jan 14 19:11 ts680-2.mod
-rwxrwxr-x 1 wy1z 500 Jan 14 19:11 ts680.mod
-rwxrwxr-x 1 wy1z 4689 Jan 16 00:57 ts690s.mod
-rwxrwxr-x 1 wy1z 120 Jan 14 19:11 ts711.mod
-rwxrwxr-x 1 wy1z 4923 Jan 14 19:11 ts790a.mod
-rwxrwxr-x 1 wy1z 7811 Jan 14 19:11 ts820.fix
-rwxrwxr-x 1 wy1z 5451 Jan 14 19:11 ts820.mod
-rwxrwxr-x 1 wy1z 3308 Jan 14 19:11 ts830.fix
-rwxrwxr-x 1 wy1z 12088 Jan 16 00:57 ts850-1.mod
-rwxrwxr-x 1 wy1z 9086 Jan 16 00:57 ts850-2.mod
-rwxrwxr-x 1 wy1z 20923 Jan 14 19:11 ts850s.mod
-rwxrwxr-x 1 wy1z 8064 Jan 14 19:11 ts930.fix
-rwxrwxr-x 1 wy1z 6778 Jan 14 19:11 ts930.mod
-rwxrwxr-x 1 wy1z 3658 Jan 14 19:11 ts940.fix
-rwxrwxr-x 1 wy1z 2396 Jan 14 19:11 ts940ibm.mod
-rwxrwxr-x 1 wy1z 1060 Jan 15 23:54 tw-4000.mod

mods/mfj:
total 10
-rwxrwxr-x 1 wy1z 5537 Feb 27 23:22 mfj1278
-rwxrwxr-x 1 wy1z 3265 Jan 15 23:53 tnc2a.mod

mods/misc:
total 442
-rwxrwxr-x 1 wy1z 1636 Feb 27 23:45 2mloop
-rwxrwxr-x 1 wy1z 1061 Jan 15 23:47 56kbfix.mod
-rwxrwxr-x 1 wy1z 2487 Feb 27 23:45 ab2xsw
-rwxrwxr-x 1 wy1z 4241 Feb 27 23:45 akai
-rwxrwxr-x 1 wy1z 2777 Jan 15 23:48 allband.mod
-rwxrwxr-x 1 wy1z 2693 Feb 27 23:45 am1700
-rwxrwxr-x 1 wy1z 1123 Feb 27 23:45 attpc
```

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-rwxrwxr-x 1 wy1z 2021 Feb 27 23:45 basiccar
-rwxrwxr-x 1 wy1z 1566 Feb 27 23:45 chradio1
-rwxrwxr-x 1 wy1z 3795 Feb 27 23:46 coax
-rwxrwxr-x 1 wy1z 2826 Feb 27 23:46 dc777
-rwxrwxr-x 1 wy1z 1968 Feb 27 23:46 dc777.p
-rwxrwxr-x 1 wy1z 149 Feb 27 23:46 disclaim
-rwxrwxr-x 1 wy1z 5934 Feb 27 23:46 fisherpr
-rwxrwxr-x 1 wy1z 2139 Feb 27 23:46 fluke75m
-rwxrwxr-x 1 wy1z 717 Feb 27 23:46 ftp
-rwxrwxr-x 1 wy1z 6353 Feb 27 23:46 ftpmods
-rwxrwxr-x 1 wy1z 2787 Feb 27 23:46 g5rv
-rwxrwxr-x 1 wy1z 1168 Feb 27 23:46 g7
-rwxrwxr-x 1 wy1z 605 Feb 27 23:46 g7-ant
-rwxrwxr-x 1 wy1z 5610 Feb 27 23:46 geclrad
-rwxrwxr-x 1 wy1z 214731 Feb 27 23:46 ibmpcfaq
-rwxrwxr-x 1 wy1z 7523 Feb 27 23:46 jp0le
-rwxrwxr-x 1 wy1z 3315 Feb 27 23:46 jpipe
-rwxrwxr-x 1 wy1z 6422 Feb 27 23:46 jpole
-rwxrwxr-x 1 wy1z 2780 Feb 27 23:46 jpole.bas
-rwxrwxr-x 1 wy1z 3815 Feb 27 23:46 jpole222
-rwxrwxr-x 1 wy1z 2833 Feb 27 23:46 jpolefm
-rwxrwxr-x 1 wy1z 1886 Feb 27 23:46 jps
-rwxrwxr-x 1 wy1z 5691 Feb 27 23:46 kw732
-rwxrwxr-x 1 wy1z 5558 Feb 27 23:46 mobile
-rwxrwxr-x 1 wy1z 5032 Feb 27 23:46 mod
-rwxrwxr-x 1 wy1z 4710 Feb 27 23:46 modfiles
-rwxrwxr-x 1 wy1z 60937 Feb 27 23:46 mods
-rwxrwxr-x 1 wy1z 6353 Feb 27 23:46 modsftp
-rwxrwxr-x 1 wy1z 1516 Feb 27 23:46 procomm
-rwxrwxr-x 1 wy1z 4771 Jan 15 23:52 radio.mod
-rwxrwxr-x 1 wy1z 6542 Feb 27 23:46 radiomod
-rwxrwxr-x 1 wy1z 4888 Feb 27 23:46 rci2950
-rwxrwxr-x 1 wy1z 584 Feb 27 23:46 scanfreq
-rwxrwxr-x 1 wy1z 4202 Feb 27 23:46 scart
-rwxrwxr-x 1 wy1z 6020 Feb 27 23:46 sjant
-rwxrwxr-x 1 wy1z 0 Feb 27 23:46 stereopw
-rwxrwxr-x 1 wy1z 1551 Jan 15 23:53 tc2duplx.mod
-rwxrwxr-x 1 wy1z 1558 Jan 15 23:53 tnc2.mod

mods/motorola:
total 58
-rwxrwxr-x 1 wy1z 2536 Feb 27 22:47 ht220mod
-rwxrwxr-x 1 wy1z 5585 Jan 15 23:50 maxtrac.mod
-rwxrwxr-x 1 wy1z 2475 Feb 27 22:48 maxtrac9
-rwxrwxr-x 1 wy1z 1874 Feb 27 22:48 maxtrac9.p
-rwxrwxr-x 1 wy1z 1633 Feb 27 22:47 micor
-rwxrwxr-x 1 wy1z 6138 Feb 27 22:47 micor9k6
-rwxrwxr-x 1 wy1z 8877 Jan 16 01:17 micordup.mod
-rwxrwxr-x 1 wy1z 11843 Jan 16 01:17 micoruhf.mod
-rwxrwxr-x 1 wy1z 8258 Jan 16 01:17 micorvhf.mod
```

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-rwxrwxr-x 1 wy1z 6060 Jan 15 23:51 mitrek.mod

mods/paccomm:
total 6
-rwxrwxr-x 1 wy1z 3260 Feb 27 23:23 nb9600mo
-rwxrwxr-x 1 wy1z 1397 Jan 15 23:53 tiny2tnc.mod

mods/ramsey:
total 78
-rwxrwxr-x 1 wy1z 2819 Feb 27 22:33 fm10
-rwxrwxr-x 1 wy1z 28984 Feb 27 22:33 fm10.faq
-rwxrwxr-x 1 wy1z 23110 Feb 27 22:33 fm10.mod
-rwxrwxr-x 1 wy1z 3017 Feb 27 22:33 fx146-22
-rwxrwxr-x 1 wy1z 1069 Jan 15 23:49 fx146.mod
-rwxrwxr-x 1 wy1z 323 Jan 15 23:51 pa20.mod
-rwxrwxr-x 1 wy1z 1207 Feb 27 22:33 prosca
-rwxrwxr-x 1 wy1z 1376 Jan 15 23:52 ramsey.mod
-rwxrwxr-x 1 wy1z 770 Feb 27 22:33 ramsey14.pac
-rwxrwxr-x 1 wy1z 4474 Feb 27 22:33 ramsey2m
-rwxrwxr-x 1 wy1z 1410 Jan 15 23:52 ramseyfx.mod
-rwxrwxr-x 1 wy1z 3394 Feb 27 22:33 ramseypm
-rwxrwxr-x 1 wy1z 823 Feb 27 22:33 ramyfx.sql

mods/ranger:
total 5
-rwxrwxr-x 1 wy1z 4386 Jan 15 23:52 rci-2950.mod

mods/sangean:
total 6
-rwxrwxr-x 1 wy1z 3241 Feb 27 23:06 803a
-rwxrwxr-x 1 wy1z 1101 Feb 27 23:40 sangean

mods/sony:
total 21
-rwxrwxr-x 1 wy1z 3831 Feb 27 23:03 sony2010
-rwxrwxr-x 1 wy1z 4347 Jan 19 15:58 sony2010-2.mod
-rwxrwxr-x 1 wy1z 3961 Feb 27 23:03 sony2010.1
-rwxrwxr-x 1 wy1z 4277 Jan 19 15:58 sony2010.mod
-rwxrwxr-x 1 wy1z 2246 Feb 27 23:03 sonysw

mods/standard:
total 72
-rwxrwxr-x 1 wy1z 1600 Feb 27 22:36 c528
-rwxrwxr-x 1 wy1z 9899 Jan 14 19:12 c528.mod
-rwxrwxr-x 1 wy1z 1470 Feb 27 22:36 c528a
-rwxrwxr-x 1 wy1z 4124 Feb 27 22:36 c528batt
-rwxrwxr-x 1 wy1z 7463 Feb 27 22:36 c528mod
-rwxrwxr-x 1 wy1z 4437 Feb 27 22:36 c528mods
-rwxrwxr-x 1 wy1z 506 Feb 27 22:36 c528rx
-rwxrwxr-x 1 wy1z 3792 Feb 27 22:36 c558
-rwxrwxr-x 1 wy1z 4624 Jan 14 19:12 c558-1.mod
-rwxrwxr-x 1 wy1z 4132 Jan 14 19:12 c558.mod
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-rwxrwxr-x 1 wy1z 3191 Feb 27 22:36 c558diag
-rwxrwxr-x 1 wy1z 252 Feb 27 22:36 c558u
-rwxrwxr-x 1 wy1z 938 Feb 27 22:36 c558word
-rwxrwxr-x 1 wy1z 5849 Feb 27 22:36 c5608
-rwxrwxr-x 1 wy1z 803 Feb 27 22:36 c5608da
-rwxrwxr-x 1 wy1z 9281 Jan 14 19:12 c5608da.mod
-rwxrwxr-x 1 wy1z 1819 Feb 27 23:44 st528
-rwxrwxr-x 1 wy1z 0 Feb 27 23:44 stereopw

mods/tandy:
total 329
-rwxrwxr-x 1 wy1z 3444 Feb 27 23:05 49mhz
-rwxrwxr-x 1 wy1z 2182 Feb 27 22:42 dx380
-rwxrwxr-x 1 wy1z 3476 Feb 27 22:42 dx380lon
-rwxrwxr-x 1 wy1z 2830 Jan 15 23:11 dx390-1.mod
-rwxrwxr-x 1 wy1z 2218 Jan 16 21:31 dx390-2.mod
-rwxrwxr-x 1 wy1z 1211 Feb 27 22:42 dx440din
-rwxrwxr-x 1 wy1z 2575 Feb 27 22:42 dx440mod
-rwxrwxr-x 1 wy1z 2790 Feb 27 22:42 dx440mod.1
-rwxrwxr-x 1 wy1z 1596 Feb 27 22:42 dx440r26
-rwxrwxr-x 1 wy1z 1580 Feb 27 22:42 dx440scn
-rwxrwxr-x 1 wy1z 5918 Feb 27 22:42 dx440whi
-rwxrwxr-x 1 wy1z 4023 Feb 27 22:42 dx440wmo
-rwxrwxr-x 1 wy1z 8837 Feb 27 22:42 dx44odin
-rwxrwxr-x 1 wy1z 1055 Feb 27 22:45 frg7
-rwxrwxr-x 1 wy1z 6583 Feb 27 22:42 htx101
-rwxrwxr-x 1 wy1z 6871 Jan 15 23:49 htx101.mod
-rwxrwxr-x 1 wy1z 1229 Feb 27 22:42 htx202
-rwxrwxr-x 1 wy1z 1164 Feb 27 22:42 htx202.1
-rwxrwxr-x 1 wy1z 4988 Feb 27 22:42 htx202.j
-rwxrwxr-x 1 wy1z 1976 Feb 27 22:42 htx202.lit
-rwxrwxr-x 1 wy1z 3047 Feb 27 22:42 htx202.tsp
-rwxrwxr-x 1 wy1z 6443 Feb 27 22:42 htx202b
-rwxrwxr-x 1 wy1z 1896 Feb 27 22:42 htx202ba
-rwxrwxr-x 1 wy1z 849 Feb 27 22:42 htx202la
-rwxrwxr-x 1 wy1z 1410 Feb 27 22:42 htx202nm
-rwxrwxr-x 1 wy1z 1219 Feb 27 22:42 htx202tt
-rwxrwxr-x 1 wy1z 555 Feb 27 22:43 pro2002
-rwxrwxr-x 1 wy1z 31183 Feb 27 22:43 pro2004
-rwxrwxr-x 1 wy1z 5044 Jan 14 19:09 pro2004.mod
-rwxrwxr-x 1 wy1z 651 Feb 27 22:43 pro2005
-rwxrwxr-x 1 wy1z 2544 Jan 14 19:09 pro2005.mod
-rwxrwxr-x 1 wy1z 15216 Feb 27 22:43 pro2005r
-rwxrwxr-x 1 wy1z 18483 Feb 27 22:44 pro2006
-rwxrwxr-x 1 wy1z 12553 Jan 27 13:53 pro2006.mod
-rwxrwxr-x 1 wy1z 586 Feb 27 22:44 pro2006.p
-rwxrwxr-x 1 wy1z 3711 Feb 27 22:44 pro2006.ssb
-rwxrwxr-x 1 wy1z 2999 Feb 27 22:44 pro2006a
-rwxrwxr-x 1 wy1z 3040 Feb 27 22:44 pro2006m
-rwxrwxr-x 1 wy1z 5338 Feb 27 22:44 pro2006p
```

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-rwxrwxr-x 1 wy1z 4693 Feb 27 22:44 pro2020.mod
-rwxrwxr-x 1 wy1z 2678 Feb 27 22:44 pro2021
-rwxrwxr-x 1 wy1z 3335 Jan 14 19:09 pro2021.mod
-rwxrwxr-x 1 wy1z 2571 Feb 27 22:44 pro2022
-rwxrwxr-x 1 wy1z 2426 Jan 14 19:09 pro2022.mod
-rwxrwxr-x 1 wy1z 1395 Feb 27 22:44 pro2026
-rwxrwxr-x 1 wy1z 1602 Jan 14 19:09 pro2026.mod
-rwxrwxr-x 1 wy1z 1177 Feb 11 01:14 pro2030.mod
-rwxrwxr-x 1 wy1z 901 Feb 27 22:44 pro32nm
-rwxrwxr-x 1 wy1z 1690 Feb 27 22:44 pro34
-rwxrwxr-x 1 wy1z 1201 Jan 14 19:09 pro34.mod
-rwxrwxr-x 1 wy1z 13400 Feb 27 22:44 pro34a
-rwxrwxr-x 1 wy1z 2512 Feb 27 22:44 pro34bir
-rwxrwxr-x 1 wy1z 758 Feb 27 22:44 pro34mod
-rwxrwxr-x 1 wy1z 6511 Feb 27 22:44 pro37
-rwxrwxr-x 1 wy1z 10438 Feb 27 22:44 pro37-8
-rwxrwxr-x 1 wy1z 922 Feb 27 22:44 pro37.800
-rwxrwxr-x 1 wy1z 17902 Jan 14 19:09 pro37.mod
-rwxrwxr-x 1 wy1z 5295 Jan 14 19:09 pro38.mod
-rwxrwxr-x 1 wy1z 2677 Feb 27 22:44 pro39
-rwxrwxr-x 1 wy1z 3501 Feb 27 22:44 pro39.8oo
-rwxrwxr-x 1 wy1z 320 Feb 27 22:44 pro39.c
-rwxrwxr-x 1 wy1z 3297 Jan 14 19:09 pro39.mod
-rwxrwxr-x 1 wy1z 1062 Feb 27 22:44 pro39c
-rwxrwxr-x 1 wy1z 2392 Feb 27 22:44 pro43
-rwxrwxr-x 1 wy1z 2613 Jan 14 19:09 pro43-1.mod
-rwxrwxr-x 1 wy1z 2248 Jan 14 19:09 pro43-2.mod
-rwxrwxr-x 1 wy1z 2860 Feb 27 22:44 pro43.800
-rwxrwxr-x 1 wy1z 10480 Jan 27 13:53 pro43.mod
-rwxrwxr-x 1 wy1z 2684 Jan 15 23:52 rs-freq.mod
-rwxrwxr-x 1 wy1z 1330 Feb 27 23:40 rs2mht

mods/tapr:
total 12
-rwxrwxr-x 1 wy1z 11615 Jan 15 23:53 tapr9600.mod

mods/uniden:
total 3
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 bearcat
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 other
drwxrwxr-x 2 wy1z 512 Mar 15 12:05 regency

mods/uniden/bearcat:
total 89
-rwxrwxr-x 1 wy1z 479 Jan 15 23:48 760xlt.mod
-rwxrwxr-x 1 wy1z 2266 Feb 27 22:13 bc100
-rwxrwxr-x 1 wy1z 2438 Feb 27 22:13 bc100a
-rwxrwxr-x 1 wy1z 1004 Feb 27 22:13 bc140
-rwxrwxr-x 1 wy1z 1008 Jan 14 19:12 bc175xl.mod
-rwxrwxr-x 1 wy1z 19528 Jan 14 19:12 bc200.mod
-rwxrwxr-x 1 wy1z 4184 Feb 27 22:13 bc200mod
```

```
-rwxrwxr-x 1 wy1z 1113 Feb 27 22:13 bc200xlt
-rwxrwxr-x 1 wy1z 2390 Jan 14 19:12 bc200xlt.cpu
-rwxrwxr-x 1 wy1z 4125 Feb 27 22:13 bc205xlt.mod
-rwxrwxr-x 1 wy1z 1748 Feb 27 22:13 bc220
-rwxrwxr-x 1 wy1z 3294 Jan 14 19:12 bc2500.mod
-rwxrwxr-x 1 wy1z 5008 Feb 27 22:13 bc760
-rwxrwxr-x 1 wy1z 802 Feb 27 22:13 bc760.re
-rwxrwxr-x 1 wy1z 1229 Feb 27 22:13 bc760.sqm
-rwxrwxr-x 1 wy1z 8575 Feb 27 22:13 bc760rv
-rwxrwxr-x 1 wy1z 1379 Feb 27 22:13 bc760xlt
-rwxrwxr-x 1 wy1z 3560 Jan 14 19:12 bc855xlt.mod
-rwxrwxr-x 1 wy1z 8431 Feb 27 22:13 bcrepair
-rwxrwxr-x 1 wy1z 4193 Feb 27 22:13 bearcat3
-rwxrwxr-x 1 wy1z 1588 Jan 14 19:23 uni2510.mod

mods/uniden/other:
total 4
-rwxrwxr-x 1 wy1z 3499 Feb 27 23:21 hr25exp

mods/uniden/regency:
total 12
-rwxrwxr-x 1 wy1z 4969 Feb 27 22:59 mx4000mo
-rwxrwxr-x 1 wy1z 2571 Feb 27 22:59 mx5000
-rwxrwxr-x 1 wy1z 1412 Feb 27 22:59 mx7000e
-rwxrwxr-x 1 wy1z 503 Feb 27 22:59 mx7000m
-rwxrwxr-x 1 wy1z 531 Feb 27 22:59 mx7000z

mods/yaesu:
total 513
-rwxrwxr-x 1 wy1z 1055 Feb 27 22:37 frg7
-rwxrwxr-x 1 wy1z 943 Feb 27 22:38 ft1000
-rwxrwxr-x 1 wy1z 1203 Jan 14 19:07 ft1000.mod
-rwxrwxr-x 1 wy1z 2581 Feb 27 22:38 ft101e.mod
-rwxrwxr-x 1 wy1z 1121 Feb 27 22:38 ft101ee
-rwxrwxr-x 1 wy1z 5614 Feb 27 22:38 ft11r
-rwxrwxr-x 1 wy1z 1007 Jan 14 19:07 ft209rh.mod
-rwxrwxr-x 1 wy1z 962 Feb 27 22:38 ft209rhm
-rwxrwxr-x 1 wy1z 4394 Feb 27 22:38 ft211
-rwxrwxr-x 1 wy1z 2674 Feb 27 22:38 ft212
-rwxrwxr-x 1 wy1z 288 Feb 27 22:38 ft212mod
-rwxrwxr-x 1 wy1z 1314 Jan 14 19:07 ft212rh.mod
-rwxrwxr-x 1 wy1z 2623 Jan 14 19:07 ft2200.mod
-rwxrwxr-x 1 wy1z 2938 Feb 27 22:39 ft2200am
-rwxrwxr-x 1 wy1z 5240 Jan 14 19:07 ft23-33-73.mod
-rwxrwxr-x 1 wy1z 4711 Jan 14 19:07 ft23-73-211.mod
-rwxrwxr-x 1 wy1z 4940 Feb 27 22:39 ft233373
-rwxrwxr-x 1 wy1z 670 Feb 27 22:39 ft23pac
-rwxrwxr-x 1 wy1z 758 Feb 27 22:39 ft23r.mod
-rwxrwxr-x 1 wy1z 802 Feb 27 22:39 ft2400
-rwxrwxr-x 1 wy1z 1106 Jan 14 19:07 ft2400-1.mod
-rwxrwxr-x 1 wy1z 942 Jan 14 19:07 ft2400.mod
```

```
-rwxrwxr-x 1 wy1z 677 Feb 27 22:39 ft2400h
-rwxrwxr-x 1 wy1z 1219 Feb 27 22:39 ft26
-rwxrwxr-x 1 wy1z 2615 Jan 14 19:07 ft290.mod
-rwxrwxr-x 1 wy1z 6034 Jan 14 19:07 ft290r.mod
-rwxrwxr-x 1 wy1z 2547 Feb 27 22:39 ft301
-rwxrwxr-x 1 wy1z 2138 Feb 27 22:39 ft411
-rwxrwxr-x 1 wy1z 8103 Jan 14 19:07 ft411-1.mod
-rwxrwxr-x 1 wy1z 1026 Jan 16 00:56 ft411-2.mod
-rwxrwxr-x 1 wy1z 1210 Feb 27 22:39 ft411.key
-rwxrwxr-x 1 wy1z 4698 Jan 14 19:07 ft411.mod
-rwxrwxr-x 1 wy1z 1155 Feb 27 22:39 ft411mod
-rwxrwxr-x 1 wy1z 1023 Feb 27 22:39 ft411ptt
-rwxrwxr-x 1 wy1z 705 Feb 27 22:39 ft415
-rwxrwxr-x 1 wy1z 1641 Jan 14 19:07 ft415-815.mod
-rwxrwxr-x 1 wy1z 1331 Feb 27 22:39 ft415_81
-rwxrwxr-x 1 wy1z 6108 Feb 27 22:39 ft470
-rwxrwxr-x 1 wy1z 37144 Jan 14 19:07 ft470-1.mod
-rwxrwxr-x 1 wy1z 9942 Jan 16 00:56 ft470-2.mod
-rwxrwxr-x 1 wy1z 1951 Jan 16 00:56 ft470-3.mod
-rwxrwxr-x 1 wy1z 2093 Feb 27 22:39 ft470.1
-rwxrwxr-x 1 wy1z 36802 Feb 27 22:39 ft470.lis
-rwxrwxr-x 1 wy1z 27000 Jan 14 19:07 ft470.mod
-rwxrwxr-x 1 wy1z 1309 Feb 27 22:39 ft4700
-rwxrwxr-x 1 wy1z 1195 Jan 16 00:56 ft4700.mod
-rwxrwxr-x 1 wy1z 2191 Feb 27 22:39 ft470hyp
-rwxrwxr-x 1 wy1z 924 Feb 27 22:39 ft470mat
-rwxrwxr-x 1 wy1z 36453 Feb 27 22:39 ft470rd
-rwxrwxr-x 1 wy1z 2177 Feb 27 22:39 ft470rx
-rwxrwxr-x 1 wy1z 3949 Feb 27 22:39 ft470rx1
-rwxrwxr-x 1 wy1z 2181 Feb 27 22:39 ft470rxt
-rwxrwxr-x 1 wy1z 2574 Feb 27 22:39 ft470rxu
-rwxrwxr-x 1 wy1z 8979 Feb 27 22:39 ft470rxu.1
-rwxrwxr-x 1 wy1z 5606 Feb 27 22:39 ft470rxu.2
-rwxrwxr-x 1 wy1z 2487 Feb 27 22:39 ft470war
-rwxrwxr-x 1 wy1z 28137 Feb 27 22:39 ft51-520
-rwxrwxr-x 1 wy1z 1611 Jan 14 19:07 ft5100-1.mod
-rwxrwxr-x 1 wy1z 17382 Jan 14 19:07 ft5100-2.mod
-rwxrwxr-x 1 wy1z 2985 Jan 14 19:07 ft5100.int
-rwxrwxr-x 1 wy1z 2700 Jan 14 19:07 ft5100.mod
-rwxrwxr-x 1 wy1z 857 Feb 27 22:39 ft5100ti
-rwxrwxr-x 1 wy1z 26463 Feb 27 22:39 ft51_200.rd
-rwxrwxr-x 1 wy1z 2278 Feb 27 22:39 ft5200
-rwxrwxr-x 1 wy1z 2368 Feb 27 22:39 ft5200.m0d
-rwxrwxr-x 1 wy1z 5079 Jan 14 19:07 ft5200.mod
-rwxrwxr-x 1 wy1z 856 Feb 27 22:39 ft5200w
-rwxrwxr-x 1 wy1z 2208 Feb 27 22:39 ft5200xb
-rwxrwxr-x 1 wy1z 2107 Feb 27 22:39 ft530
-rwxrwxr-x 1 wy1z 729 Feb 27 22:39 ft530-
-rwxrwxr-x 1 wy1z 2272 Jan 14 14:34 ft530.1
-rwxrwxr-x 1 wy1z 9645 Feb 27 22:40 ft530.193
```

```
-rwxrwxr-x 1 wy1z 1260 Jan 14 14:34 ft530.2
-rwxrwxr-x 1 wy1z 1441 Feb 27 22:40 ft530.293
-rwxrwxr-x 1 wy1z 2458 Jan 14 14:34 ft530.3
-rwxrwxr-x 1 wy1z 2435 Jan 14 14:34 ft530.4
-rwxrwxr-x 1 wy1z 1258 Feb 27 22:40 ft530.cor
-rwxrwxr-x 1 wy1z 10778 Jan 14 19:07 ft530.mod
-rwxrwxr-x 1 wy1z 2572 Feb 27 22:40 ft530.rtx
-rwxrwxr-x 1 wy1z 1660 Feb 27 22:40 ft530am
-rwxrwxr-x 1 wy1z 1068 Feb 27 22:40 ft530am1
-rwxrwxr-x 1 wy1z 2047 Feb 27 22:40 ft53o
-rwxrwxr-x 1 wy1z 999 Jan 14 19:07 ft650.mod
-rwxrwxr-x 1 wy1z 7027 Feb 27 22:40 ft70g
-rwxrwxr-x 1 wy1z 1131 Jan 14 19:07 ft726r.mod
-rwxrwxr-x 1 wy1z 2443 Feb 27 22:40 ft727cat.mod
-rwxrwxr-x 1 wy1z 1045 Jan 14 19:07 ft727r.mod
-rwxrwxr-x 1 wy1z 2172 Feb 27 22:40 ft727rca
-rwxrwxr-x 1 wy1z 11375 Feb 27 22:40 ft727rev
-rwxrwxr-x 1 wy1z 3075 Feb 27 22:40 ft727sof
-rwxrwxr-x 1 wy1z 1735 Jan 14 19:07 ft736r.mod
-rwxrwxr-x 1 wy1z 1083 Feb 27 22:40 ft747
-rwxrwxr-x 1 wy1z 1386 Jan 14 19:07 ft747.mod
-rwxrwxr-x 1 wy1z 1188 Jan 14 19:07 ft747gx.mod
-rwxrwxr-x 1 wy1z 781 Feb 27 22:40 ft757
-rwxrwxr-x 1 wy1z 1091 Jan 14 19:07 ft757.mod
-rwxrwxr-x 1 wy1z 1158 Jan 14 19:07 ft757gx.mod
-rwxrwxr-x 1 wy1z 2193 Feb 27 22:40 ft767
-rwxrwxr-x 1 wy1z 2328 Feb 27 22:40 ft767gx
-rwxrwxr-x 1 wy1z 1423 Jan 14 19:07 ft767gx.mod
-rwxrwxr-x 1 wy1z 1904 Feb 27 22:40 ft767gxm
-rwxrwxr-x 1 wy1z 1235 Feb 27 22:40 ft890
-rwxrwxr-x 1 wy1z 1710 Jan 14 19:07 ft890-1.mod
-rwxrwxr-x 1 wy1z 1537 Jan 14 19:07 ft890.mod
-rwxrwxr-x 1 wy1z 836 Feb 27 22:40 ft990
-rwxrwxr-x 1 wy1z 1188 Jan 14 19:07 ft990-1.mod
-rwxrwxr-x 1 wy1z 1203 Jan 14 19:07 ft990-2.mod
-rwxrwxr-x 1 wy1z 2616 Jan 14 19:07 ft990-3.mod
-rwxrwxr-x 1 wy1z 1138 Jan 14 19:07 ft990.mod

packet-internet:
total 73
-rwxrwxr-x 1 wy1z 48878 Jan 11 19:07 amprnet
-rwxrwxr-x 1 wy1z 227 Jan 11 19:07 ka2qhd
-rwxrwxr-x 1 wy1z 10759 Jan 11 19:07 n0ary
-rwxrwxr-x 1 wy1z 10109 Jan 11 19:07 n6qmy
-rwxrwxr-x 1 wy1z 434 Jan 11 19:07 w2xo
-rwxrwxr-x 1 wy1z 1274 Jan 11 19:07 wb7tpy

part97:
total 132
-rwxrwxr-x 1 wy1z 45110 Dec 21 00:03 Part-97.1
-rwxrwxr-x 1 wy1z 46264 Dec 29 11:08 Part-97.2
```

```
-rwxrwxr-x 1 wy1z 41888 Dec 21 00:03 Part-97.3

pc:
total 6
drwxrwxr-x 7 wy1z 512 Mar 15 12:08 digital
drwxrwxr-x 2 wy1z 512 Mar 15 12:10 dos-utils
drwxrwxr-x 2 wy1z 512 Mar 15 12:06 ham-utils
drwxrwxr-x 2 wy1z 512 Mar 15 12:06 other
drwxrwxr-x 2 wy1z 512 Mar 15 12:10 satellite
drwxrwxr-x 2 wy1z 512 Mar 15 12:06 theory-and-morse

pc/digital:
total 105
-rwxrwxr-x 1 wy1z 50564 Jan 21 13:18 dspmorse.zip
drwxrwxr-x 2 wy1z 512 Mar 15 12:07 f6fbb
-rwxrwxr-x 1 wy1z 34382 Jan 22 21:33 frgsc123.zip
drwxrwxr-x 2 wy1z 512 Mar 15 12:07 misc
-rwxrwxr-x 1 wy1z 15395 Jan 12 07:45 pax285.zip
drwxrwxr-x 2 wy1z 512 Mar 15 12:08 tcpip
drwxrwxr-x 2 wy1z 512 Mar 15 12:07 utils
drwxrwxr-x 2 wy1z 512 Mar 15 12:08 w0rli

pc/digital/f6fbb:
total 44
-rwxrwxr-x 1 wy1z 44472 May 14 1993 f6bbsdox.exe

pc/digital/misc:
total 161
-rwxrwxr-x 1 wy1z 345 Jan 10 23:55 trakbox.txt
-rwxrwxr-x 1 wy1z 155197 Jan 10 22:02 trakbox.zip

pc/digital/tcpip:
total 1098
-rwxrwxr-x 1 wy1z 3127 Mar 12 1993 gr-bugs.bee.Z
-rwxrwxr-x 1 wy1z 10506 Mar 12 1993 gr-notes.bee.Z
-rwxrwxr-x 1 wy1z 831616 Mar 12 1993 gribee08.zip
-rwxrwxr-x 1 wy1z 57488 Mar 5 1993 nosbgnlp.zip
-rwxrwxr-x 1 wy1z 58896 Mar 5 1993 nosbgnpr.zip
-rwxrwxr-x 1 wy1z 137021 Mar 5 1993 nosbgnps.zip

pc/digital/utils:
total 1588
-rwxrwxr-x 1 wy1z 63868 Oct 28 23:22 7plus210.zip
-rwxrwxr-x 1 wy1z 625171 Jan 11 21:00 aprs308.zip
-rwxrwxr-x 1 wy1z 715962 Feb 5 14:48 aprs312.zip
-rwxrwxr-x 1 wy1z 89763 Jan 11 07:42 dual002.zip
-rwxrwxr-x 1 wy1z 21777 Apr 18 1993 pktmon12.lzh
-rwxrwxr-x 1 wy1z 80682 May 27 1993 yapp.arc

pc/digital/w0rli:
total 1128
-rwxrwxr-x 1 wy1z 581243 Mar 9 16:22 cookie.exe
```

```
-rwxrwxr-x 1 wy1z 553726 Mar 9 16:19 mb1701.exe

pc/dos-utils:
total 2264
-rwxrwxr-x 1 wy1z 97442 Mar 11 1993 arj.exe
-rwxrwxr-x 1 wy1z 123413 Sep 10 1993 pcmag01.exe
-rwxrwxr-x 1 wy1z 127131 Sep 10 1993 pcmag02.exe
-rwxrwxr-x 1 wy1z 91340 Sep 10 1993 pcmag03.exe
-rwxrwxr-x 1 wy1z 128638 Sep 10 1993 pcmag04.exe
-rwxrwxr-x 1 wy1z 85709 Sep 10 1993 pcmag05.exe
-rwxrwxr-x 1 wy1z 69760 Sep 10 1993 pcmag06.exe
-rwxrwxr-x 1 wy1z 162806 Sep 10 1993 pcmag07.exe
-rwxrwxr-x 1 wy1z 206365 Sep 10 1993 pcmag08.exe
-rwxrwxr-x 1 wy1z 181737 Sep 10 1993 pcmag09.exe
-rwxrwxr-x 1 wy1z 191489 Sep 10 1993 pcmag10.exe
-rwxrwxr-x 1 wy1z 194299 Sep 10 1993 pcmag11.exe
-rwxrwxr-x 1 wy1z 71614 Sep 10 1993 pcmag12.exe
-rwxrwxr-x 1 wy1z 27632 Mar 5 1993 pcps600.zip
-rwxrwxr-x 1 wy1z 202624 Apr 30 1993 pkz204g.exe
-rwxrwxr-x 1 wy1z 134778 Mar 11 1993 qedit215.zip
-rwxrwxr-x 1 wy1z 3057 Mar 11 1993 settime.zoo
-rwxrwxr-x 1 wy1z 11154 Mar 11 1993 vadol_cd.zoo
-rwxrwxr-x 1 wy1z 23436 Mar 11 1993 zapdir40.zip
-rwxrwxr-x 1 wy1z 55721 Mar 11 1993 zoo210.exe

pc/ham-utils:
total 1289
-rwxrwxr-x 1 wy1z 32230 Nov 15 15:50 dpsqst.zip
-rwxrwxr-x 1 wy1z 198116 Jan 13 21:15 log_eqf.zip
-rwxrwxr-x 1 wy1z 2596 Mar 12 1993 logr10.zoo
-rwxrwxr-x 1 wy1z 44032 Feb 21 1993 pathcalc.zip
-rwxrwxr-x 1 wy1z 40603 Apr 15 1993 pktbat13.lzh
-rwxrwxr-x 1 wy1z 11161 Jan 6 16:40 qexfq194.zip
-rwxrwxr-x 1 wy1z 113528 Apr 14 1993 radiolog.zip
-rwxrwxr-x 1 wy1z 836615 May 13 1993 wrtlog60.zip

pc/other:
total 120
-rwxrwxr-x 1 wy1z 110405 Mar 5 1993 barclogo.pcx

pc/satellite:
total 1632
-rwxrwxr-x 1 wy1z 282757 Feb 28 08:47 pctrk30a.zip
-rwxrwxr-x 1 wy1z 323898 Feb 28 08:47 pctrk30b.zip
-rwxrwxr-x 1 wy1z 199067 Feb 21 23:05 stsorbit.zip
-rwxrwxr-x 1 wy1z 377562 Feb 21 23:05 stsplus.zip
-rwxrwxr-x 1 wy1z 214116 Feb 21 23:05 trak300a.zip
-rwxrwxr-x 1 wy1z 189047 Feb 21 23:05 trak300b.zip

pc/theory-and-morse:
total 260
-rwxrwxr-x 1 wy1z 34781 Jan 3 22:47 cp222c.zip
```

```
-rwxrwxr-x 1 wy1z 59298 Jan 12 07:45 mpp110a.zip
-rwxrwxr-x 1 wy1z 163819 Feb 25 17:45 sm410.exe

tcpip:
total 324
drwxrwxr-x 2 wy1z 512 Mar 15 12:10 Incoming
-rwxrwxr-x 1 wy1z 25847 Mar 10 19:07 domain.zip
-rwxrwxr-x 1 wy1z 294608 Aug 22 1993 nos.zip
-rwxrwxr-x 1 wy1z 163 Sep 14 1993 readme.txt

tcpip/Incoming:
total 0

unix:
total 1
drwxrwxr-x 2 wy1z 512 Mar 15 12:11 morse

unix/morse:
total 91
-rwxrwxr-x 1 wy1z 92208 Apr 28 1993 superiormorse.shar
--
==========================================================================
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na |
|------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| oak.oakland.edu:/pub/hamradio |
==========================================================================
```

1791. Pro-43.... Is it still the best portable to purchase?

Newsgroup: rec.radio.scanner
Date: 1994-03-16 00:45:59 UTC
From: jjjeffr@idss.nwa.com
Message-ID: <jjjeffr.41.2D8656C7@idss.nwa.com>
Source record: 276349

Simple question... Any thoughts. I would like to purchase one soon.

Thanks,

Jim

The opinions and advise expressed are my own.... You know the rest.

Jim Jeffries NORTHWEST AIRLINES, INC.
Applications Specialist (Team Leader) Dept J3750
Desk: (612) 726-2662 Information Services
Fax: (612) 726-0521 5101 Northwest Drive,
Jim.Jeffries@idss.nwa.com St. Paul, MN 55111-3034
jjjeffr@idss.nwa.com

1792. Re: What is a chapter 90 violation?

Newsgroup: rec.radio.scanner
Date: 1994-03-16 00:54:02 UTC
From: topolski@kaiwan.com
Message-ID: <2m5lba$dvf@kaiwan.kaiwan.com>
Source record: 276350
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Brett Miller - Support Engineer (bmiller@landesk.intel.com) wrote:
> Chapter 90 probably refers to a section of the state law books that detail
> drug & narcotics violations. YOu could probably find these books at a library
> or law library. In San Jose they call it 11-3 which is section 113xx section
> of the penal code. It is rare for PD to refer to the exact violations because
> there are almost always multiple infractions (i.e. using, dealing, carrying etc. so they just refer to all drug violations with a single term like chapter 90
> of 11-3 or whatever.

"H-and-S" is what's used in these parts -- for Health and Safety Code violations -- for drug calls. Although illegal fireworks are also an H&S violation, they're not coded that way. :-)

--
____[Robb Topolski]___[San Clemente, CA]___[topolski@kaiwan.com]____
(rot 13 encoded):
Bofpravgl vf gur pehgpu bs vanegvphyngr zbgureshpxref.
- haxabja

1793. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-16 01:26:35 UTC
From: vhealey@crl.com
Message-ID: <2m5n8b$lki@crl2.crl.com>
Source record: 276351

There are many since I have been a ham and a 'scanist ' for
years. But today I was reminded of an event a few years ago.

I was falling of a mountain on I-24 when I was supprised to see
two Tn State Troopers working radar at the bottom. I had slowed down when
the radar detector went off but my brakes were smoking quite badly. BOTH
these guys came off the shoulder with their lights on and I groaned.

As i was prepared to pull over they shot past me and I finally
heard on the scanner that they were concerned about a fellow in a black
trans am that had killed a grocer in a small store in Georgia and was
last seen heading north into Tn. All of a sudden these two state police
cars pulled a rolling drop of the interestate, across the grassy median
and shot up on the other side drivng straight into oncoming traffic! Guts!
Traffic stops and as I pass I see a black trans am with 2 cars in front
of it and several behind it. The driver out on the pavement with several
shot guns pointed at him as he lay there.

Fifteen minutes later I hear on the scanner that the poor fellow
they had stopped was a tourist from Kentucky and he was merely on his way
through Tennessee on his way back home. Wrong suspect. I bet this guy
NEVER drives through Tennessee again if that is how they treat tourists!

.....

That reminds me that the state police are big on shotguns.
Another quick story involves the time I was working out of Maryland for
Southern States Coop. I was supposed to fuel at their Fredrick Md terminal
which was home to a fleet of fuel tankers used to transfer heating oil and
other fuels to farms. This included a seed and feed warehouse and store
and a shop covering about five acres bounded by two country roads that
joined in a fork about one half mile away. I had keys to the big chain
link fence so I could pull in an fuel. I stopped out on the highway and
walked into the compound after unlocking the gates. I though I would turn
on the floodlights as it was duck and it would make my turn into the
property safer. As I started in the warehouse door I noticed it was open!
There was a lantern about 30 feet in there shing away from me. I thought I
would be blown away any second by the thieves as I was easly seen in the
doorway. Having not been shot I quickly but quitely ran back to my tractor
trailer and picked up the mike to 75 watt 2 meter radio and called for
help. A general assigned to the Pentagon who was at home for the evening
heard the call and he called the Maryland state police barracks.
You should have seen the responce! As far as the eye could see
there were blue and red lights coming. They must have pulled every cop in
thirty miles! The first in were tow state police detectives and the
pulled in a screaming slide, jumped out with drawn guns and braced the

warehouse. The hollered "Maryland State Police, come on out!"

No responce.

A bunch more were in postion now and finally two of the braver ones dived through the door in different directions. After a bit the lights came on in the warehouse and then several angry officers came looking for me. The had found the lantern and no intruders. The wanted to know what kind of hoax I was running making that radio call. I assured them I was on their side and I had not played a hoax on anyone. I showed them my Id. and other papers an after a couple of minutes they calmed down and issues instructions to all to commence searching for the felons who may have hidden while I made the radio call.
These Maryland troopers are all 6 foot 6 inch with huge hats and these guys were on the roof, walking across these tank trucks flashing lights held at arms length while they trained their guns inside of each tank compartment ready to shoot or be shot. Tension was getting high.
Then they found their man. Up front a team opened the sales office
I found a teenage employee with his back to the door calmly working on his motorcycle. The hollered freeze Maryland State Police and he jerked up in startled fright. They promptly thrust a shootgun into his back and told him that if he moved again .....

By this time SS Coop employees and the general manager had arrived. They had all heard the action on their respective scanners at home and jumped in their cars to race to the scene to see what was going on. It was quickly determined that the young employee had had trouble with his bike and had gotten permission to work on it after hours. He had used the lantern to light the warehouse as he moved the bike out and walked it up to the warmmer front building where he could work on it. He rememebered he had forgotten the lantern but since he was securly locked in for the night he felt it didn't matter much anyway. You can figure out the rest.

He did mention to me later that when the state police shoved that shotgun in his back that he was so frightened that "if he had been a black man , he would be white today" just from the scare he had.

Vic Healey ki4je formerly wb3gwt

vhealey@crl.com

1794. 200xlt Performance Inquiry

Newsgroup: rec.radio.scanner
Date: 1994-03-16 02:24:00 UTC
From: Ken.Ota@f239.n109.z1.fidonet.org
Message-ID: <48a_9403160048@blkcat.fidonet.org>
Source record: 276352

The BC200 steps at 12.5kHz and the normal cellular spacing is 30kHz.
You miss quite a few channels because of this. I've played with a
PRO43 side by side with a BC200 and there is a significant difference
in the number of channels you can pickup with the proper 30kHz steps.
You can run a spread sheet to see how many times the frequencies match
up when stepping 12.5kHz versus 30kHz.

1795. Scanner clubs in florida???

Newsgroup: rec.radio.scanner
Date: 1994-03-16 03:07:17 UTC
From: kronz@periphae.ecn.purdue.edu
Message-ID: <CMqM06.4Jr@noose.ecn.purdue.edu>
Source record: 276353

Hello everyone,

Since I just excepted a job in boynton beach florida, I was
wondering if there are any scanner clubs down there???

oh by the way this is right next to west palm...

also any freqs for southern FL ???

-jason

--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }

1796. Ham Radio FTP area on World

Newsgroup: rec.radio.scanner
Date: 1994-03-16 04:00:10 UTC
From: wy1z@netcom.com
Message-ID: <rec.radio.info-ham.radio.ftp_763790409@ve6mgs.ampr.ab.ca>
Source record: 276354
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.info,rec.radio.scanner

This is a periodic reminder that the Boston Amateur Radio Club maintains an FTP area on world.std.com (192.74.137.5) in pub/hamradio.

This area is accessible via: anonymous ftp, gopher, and World Wide Web (and possibly other methods I'm not yet aware of). World is not *fsp*-able yet (I asked them).

Via Gopher, the easiest path to the area is by selecting the following from World's main menu:

18. Membership and Professional Associations

3. Boston Amateur Radio Club

And go from there...

Please feel free to browse through the area.

If anyone has any questions about it, please do not hesitate to e-mail me.

Also, up-to-date copies of the files on the ARRL's information server (info@arrl.org) are available in the directory pub/hamradio/ARRL/Server-files.

All text files are uncompressed, so they are both retrievable and viewable via Gopher and World Wide Web. (If you have any troubles with any text file, please e-mail me).

Source code for programs is always welcome. It can permit people to use those programs on other computers with other operating systems.

Scott

1797. Re: ETOH in parmedic slang

Newsgroup: rec.radio.scanner
Date: 1994-03-16 04:50:43 UTC
From: gkd@wpi.WPI.EDU
Message-ID: <2m6373$np2@bigboote.WPI.EDU>
Source record: 276355

In article <2lu1n2$4hb@umcc.umcc.umich.edu>,
>
> They say "ETOH" for liability reasons, I guess. ETOH is the chemical
>formula basically for alcohol, but there are times when a patient could
>be exhibiting signs of being drunk, when in reality it is just some sort
>of medical imbalance NOT caused by consuming liquor.

They also use the term when within earshot of the patient so that the
(drunk) patient doesn't hear them telling medical control that they are
dealing with a drunk. This could cause the (drunk) patient to become
argumentative and insistent that he is not a drunk.

Greg

1798. Interfacing PRO-2006 to communications receiver (info. wanted)

Newsgroup: rec.radio.scanner
Date: 1994-03-16 05:06:39 UTC
From: gkd@wpi.WPI.EDU
Message-ID: <2m644v$o7d@bigboote.WPI.EDU>
Source record: 276356

I am looking for details of the modification to the PRO-2006 scanner which allows its IF output to be connected to a communications receiver for SSB reception. Replies appreciated; either posting or e-mail is fine.

Greg
(gkd@wpi.edu)

1799. All scanners have such poor UI?

Newsgroup: rec.radio.scanner
Date: 1994-03-16 06:57:00 UTC
From: jason@cpubbs.cuug.ab.ca
Message-ID: <7129_25869217@cpubbs.cuug.ab.ca>
Source record: 276358

> I think its the trend. Have you ever seen a R1? That thing is so tiny
> I couldn't believe it! 1 1/2" wide, 3" tall, 1" deep.

Ya ok, tell me another one! You just described the match-box that's sitting
next to your scanner.. not the scanner. :)

derran%f980.n5500.z201@cpubbs.cuug.ab.ca jason@cpubbs.cuug.ab.ca
Disclaimer: I'm just as clued out as the rest of you.
MetroVoice: 403-590-0065 box 980 Quagmire BBS 403-949-3015 v.32bis

1800. WORST call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-03-16 10:56:00 UTC
From: jason@cpubbs.cuug.ab.ca
Message-ID: <594c_258ac495@cpubbs.cuug.ab.ca>
Source record: 276359

> sure it worked, they do it again at about 8pm! Sooooo darned
> annoying! What's funny is that some of the other stations have
> taken to sarcasm in their responses and the N. Andover folks
> DON'T SEEM TO NOTICE! :)

> Before I catch heck for this, I don't think it is bad to do the
> radio checks, just that if no one else deems it important or
> needed to do so, why pester and annoy everyone on a daily basis.
> Maybe weekly would be a good time to do it?

A fire department about 30 miles away was put on our frequency, apparently the DOC said we're juuuuust far enough away from eachother to not notice. Well, at or about 10h00 every morning [there it goes now!], "Attention all Langdon firefighters, pager test, pager test, time is ten fifty one on 16 march 1994" etc. Every Day Of The Year. [Hey Langdon, Hi from Redwood Meadows! :)] Plus, I'm not sure but I think our chief is trying to get our tower raised, so that'll make a difference too..

On the department I used to work with in Ontario, we shared the frequency with at least 3 other departments regularly, plus two rescue boats. Every night at 17h45 one particular department would have EVERY MOBILE AND EVERY HANDHELD AND EVERY STATION call into the dispatcher to check radios. "____, this is Truck 4, report my signal" "loud & clear 4" "____, this is Station 4, report my signal" "loud & clear station 4" etc. Someone must have said something, for eventually all you heard at 5:45 was "All ____ units switch to frequency two for radio check". :) :) :)

If anyone from southern ontario, esp. east of Toronto, thinks they know what department I'm talking about, let me know.. :)

derran%f980.n5500.z201@cpubbs.cuug.ab.ca jason@cpubbs.cuug.ab.ca
Disclaimer: I'm just as clued out as the rest of you.
MetroVoice: 403-590-0065 box 980 Quagmire BBS 403-949-3015 v.32bis

1801. Re: PRO-43 MOD...

Newsgroup: rec.radio.scanner
Date: 1994-03-16 14:42:32 UTC
From: jsherman@nyx10.cs.du.edu
Message-ID: <1994Mar16.144232.6722@mnemosyne.cs.du.edu>
Source record: 276357

In article <1994Mar15.233032.1@vax.sonoma.edu>, <rainey@vax.sonoma.edu> wrote:
>Could some one post the +200 channel MOD for the PRO-43, or send them
>to me... I would appreciate any help...
>
>Jeff
>

Join the club. I've heard naught but rumors of this mod! Anyone with info re
this mod, please post! I'd kill for more channels... OK, maybe not kill...
:)

-Jon (N9VWF)

1802. This Week on Spectrum 03/19/94

Newsgroup: rec.radio.scanner
Date: 1994-03-16 19:59:21 UTC
From: spectrum@starcomm.overleaf.com
Message-ID: <2m7oep$rjs@starcomm.overleaf.com>
Source record: 276360
Cross-posted to:
rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.scanner,rec.video.satellite,rec.radio.cb,alt.radio.scanner,alt.radio.pirate

This week on Spectrum we will talk about receivers. Our guest is a man who knows them from antenna jack to speaker. Larry Van Horn answers technical questions all day long on the Monitoring Times answerline. Larry has the opportunity to test almost everything that comes down the pike and with that unique position he can give a great overview of receivers. Bring your questions to Spectrum this weekend and get them answered from the expert.

Next week on Spectrum (Saturday March 26'th) Spectrum will feature a look back at radio and telecommunications history through the ears and eyes of Don Kimberlin. Don worked in all aspects of radio and tellecomm from the 1950's through today. He has an interesting perspective on the communications industry and is a living archive of high-tech history. The only way anyone can know and interpret the future is to see it after understanding and learning from the past. Don is a high-tech historian and you will see why on Spectrum.
--
Spectrum airs live Sunday at 0300 UTC (2200 EST Saturday) on:

WWCR, 5810 KHz, Nashville, TN (World Wide)
WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
KHNC, 1360 AM, Denver, CO (Denver Area)
Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)

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Sunday at 1500 EST, on WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
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1803. Re: ETOH in parmedic slang

Newsgroup: rec.radio.scanner
Date: 1994-03-16 20:09:48 UTC
From: wildeb@marcus.its.rpi.edu
Message-ID: <2m7p2c$42j@usenet.rpi.edu>
Source record: 276361

ETOH is a funny thing. Its a pain to get new people to use it, because it doesn't seem to make much sense. But, people are right when they say it helps keep the patient calm! NO ONE likes to be called a drunk. I had a patient ask me once who could possibly know that he was drunk, since he knew we were dispatched with radios to his residence. I didn't hhave the heart to tell him that anyone within about 50 miles had a chance! :)

Brian Wilde
Firefighter/EMT

1804. Sorting the confusing between World and Oakland

Newsgroup: rec.radio.scanner
Date: 1994-03-16 20:47:45 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCMrz3L.B6H@netcom.com>
Source record: 276362
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

I have received many questions about where the ham radio FTP files are -
World or Oakland?

When I posted the message about the switchover from World to Oakland, I'd
completely forgotten about the automated period reminder about the file
availability on World.

I have modified that periodic reminder, and will have it replace the one
mentioning World. It will, instead, mention Oakland.

Sorry for any confusion or inconvenience this may have caused.

Scott Ehrlich, WY1Z

--
```
================================================================================
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na |
|------------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| oak.oakland.edu:/pub/hamradio |
================================================================================
```

1805. Need help to get Full US CD online

Newsgroup: rec.radio.scanner
Date: 1994-03-16 21:15:53 UTC
From: dtiller@cscsun.rmc.edu
Message-ID: <CMs0EI.E6q@cscsun.rmc.edu>
Source record: 276363

I just got my full US index CD of 3 million (!) FCC records for the
whole US. I'd like to make it available over the internet, but I'm
having grave doubts about the disk space required for indexes. Does
anyone know the format of an .nsx file with regard to DBASE III databases?
I'd like to use their indexes if at all possible. I've already written
code to interpret the .DBF file (that was easy). Also, anyone know what
regex interface code the folk at tcomeng.com are using? They've got
the same company's CD as mine. Anyone know of a contact there? I don't
want to bother root@tcomeng.com. Any help will be greatly appreciated,
and will help get a nationwide database going!
--
David Tiller | Network Administrator | Voice: (804) 752-3710 |
dtiller@rmc.edu | Randolph-Macon College| Fax: (804) 752-7231 |
"Drunk, [Beowulf] slew | P.O. Box 5005 | ICBM: 37d 42' 43.75" N |
no hearth companions." | Ashland, Va 23005 | 77d 31' 32.19" W |

1806. Re: Hot air balloon freq. ??

Newsgroup: rec.radio.scanner
Date: 1994-03-16 21:56:35 UTC
From: cab@col.hp.com
Message-ID: <2m7vaj$f52@hp-col.col.hp.com>
Source record: 276364

> I'm assuming there is some sort of constant communication between the
> pilot and someone chasing the balloon.

Think about how far away you can see a balloon, and then decide if you need the pilot to guide you to it. There's probably not as much chatter as you'd imagine.

Search 118-136 is my guess. Depending on the airspace they use, they may be required to talk on the aircraft frequencies. And that's probably where they hang out when they're NOT talking, too, for the information value.

If it's near an airport, listen on one of: approach/ departure, tower, or CTAF (check an A/FD or sectional for these freqs).

1807. Re: Hot air balloon freq. ??

Newsgroup: rec.radio.scanner
Date: 1994-03-16 22:29:38 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CMs3tH.M6u@cbnewse.cb.att.com>
Source record: 276365

```
american balloon svc, sports
[usa-wide]__________ 123.3000_air_kn7685 (govt rcds)
" " 123.5000_air_kn7685 (govt rcds)
balloon adventure, sports
[usa-wide]__________ 151.6250_itn_ka89677 (govt rcds)
balloon adventures, sports
[usa-wide]__________ 123.3000_air_kd9559 (govt rcds)
" " 123.5000_air_kd9559 (govt rcds)
balloon depot inc, sports
[usa-wide]__________ 151.6250_itn_kb28682 (govt rcds)
" " 464.5500_itn_kb87546 (govt rcds)
balloon fantasies, inc
[rockford]__________ 151.9250_____call? (govt rcds)
" " 151.9550_____call? (govt rcds)
balloon media ltd, sports
[usa-wide]__________ 151.6250_itn_ka79512 (govt rcds)
balloon promotions ltd, sports
[usa-wide]__________ 123.3000_air_ku6011 (govt rcds)
balloonatics inc, sports
[usa-wide]__________ 151.6250_itn_kb20846 (govt rcds)
balloons aloft, sports
[usa-wide]__________ 123.3000_air_wnq5 (govt rcds)
" " 123.5000_air_wnq5 (govt rcds)
balloons of medina, sports
[usa-wide]__________ 151.9250_____kb83557 (govt rcds)
great lakes balloon, sports
[usa-wide]__________ 464.5500_itn_kb31135 (govt rcds)
hot air corps, balloons, sports
[usa-wide]__________ 123.3000_air_kx7651 (govt rcds)
" " 123.5000_air_kx7651 (govt rcds)
hot air hang ups, balloons, sports
[usa-wide]__________ 151.6250_itn_ka62685 (govt rcds)
hot air inc, balloons, sports
[usa-wide]__________ 151.6250_itn_kj5265 (govt rcds)
wicker basket balloon, sports
[usa-wide]__________ 151.6550_____kb38764 (govt rcds)
--
================================================================================
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AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414
```

1808. BC8500XLT (25-1300) READ!

Newsgroup: rec.radio.scanner
Date: 1994-03-16 23:31:22 UTC
From: cmcl@beach.cis.ufl.edu
Message-ID: <cmcl.17.00178692@beach.cis.ufl.edu>
Source record: 276366

Attention All BC8500XLT Owners (or future owners)!

Don't count this one out yet!

I have successfully got this thing so it is a coninuous receiver from 25 to 1300 MHz. It allows direct keyboard entry of any frequency. If you are doing an AUTO search, the freqs are properly stored in memory locations! (I get excited about this because my first attempt wouldn't allow direct keyboard entry or to save freqs in memories! But never fear, ALL works great now!!!) I have already modified two with no problems at all!

So everyone hang tight, I am trying to get a hold of the scanner guy at Popular Commuications (and others) to see if they want to publish.

-Jon

1809. Looking for Frequencies for Calgary

Newsgroup: rec.radio.scanner
Date: 1994-03-17 06:55:02 UTC
From: jason@cpubbs.cuug.ab.ca
Message-ID: <c45b_2606b54c@cpubbs.cuug.ab.ca>
Source record: 276370

> Date: 11 Mar 1994 20:53:05 -0400
> From: dmcdouga@fox.nstn.ns.ca (Douglas C. McDougall)

> I will be visiting Calgary, AB in April and would like some local
> frequencies. Or where can I get a local frequency book.

Log onto my system as Guest with no password and get yourself into the
"General Files" file area. Fred Burgess' Scanning Alberta volume 8 is
available in that file directory as SCANALT8.LZH. Happy scanning!

[btw, my phone number is the one listed as "Quagmire BBS" below.]

derran%f980.n5500.z201@cpubbs.cuug.ab.ca jason@cpubbs.cuug.ab.ca
Disclaimer: I'm just as clued out as the rest of you.
MetroVoice: 403-590-0065 box 980 Quagmire BBS 403-949-3015 v.32bis

1810. New Uniden scanners

Newsgroup: rec.radio.scanner
Date: 1994-03-17 09:36:40 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.17.00099CC3@ccm.hf.intel.com>
Source record: 276372

I received the new Grove catalog yesterday. It had two new Uniden hand held scanners in it. I forgot to bring it with me to work, but I can remember that one was a "sports" scanner with preprogrammed sports (??) frequencies. It had 10 special "hot keys" that access your 10 favorite freqs. No numerical keypad.

The other scanner is the replacement for the BC200XLT. It has 100 ch/sec "Turbo Scan" and service-search buttons (like the pro-51). It looks like the freq. range is about the same. I would bet that cellular is non-restorable. :-(

The other interesting thing in the catalog is some new interference filters. They range from $20 to $3x. There are three band ranges specified, although non of them seem all that useful. From memory, passbands were 30-1200 pass band, 118-137 notch, 517-1700 low pass (passes freq below 517) I'd sure like to see one that kills 88 - 108 (FM BCB) These come with a variety of connectors, including 'N'

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1811. Re: Scanner Clubs?

Newsgroup: rec.radio.scanner
Date: 1994-03-17 09:42:03 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.18.0009B3B9@ccm.hf.intel.com>
Source record: 276373

In article <2m8fr6$plv@umcc.umcc.umich.edu> lbutler@umcc.umcc.umich.edu (Les Butler) writes:

>You have more than 400 members in the Bay area. I'm a member and I'm in
>Mich....
> Les

Last I saw, the BASE numbers were in the upper 600's. Of course, that doesn't mean all original members still belong to the club. They normally don't re-issue the BASE numbers.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1812. Re: Pro43 mod - does it work?

Newsgroup: rec.radio.scanner
Date: 1994-03-17 12:33:39 UTC
From: jss@ruffin.larc.nasa.gov
Message-ID: <2m9in3$ad8@reznor.larc.nasa.gov>
Source record: 276367

I have done the mods to my PRO-43 and they wolrk well. Remember that modifying your scanner will void the warrantee. The mod itself is not very difficult, but I am an electronic by trade. I would not reccomend making the mod if you have no experence with a soldering iron or surface mount components. The boards inside are multi-layer and can be damaged if too much heat is applied. If you decide to try anyway, then gook luck.

Happy Scanning
Jim Smith
jss@longstreet.larc.nasa.gov

1813. Re: 469.9875 MHz

Newsgroup: rec.radio.scanner
Date: 1994-03-17 12:38:21 UTC
From: jss@ruffin.larc.nasa.gov
Message-ID: <2m9ivt$ad8@reznor.larc.nasa.gov>
Source record: 276368

Jim; In your article you said

I'm hearing a succession of what sound like short data bursts
on this frequency. The transmitter is keyed for each burst;
the bursts come about every 1.5 sec for about 5 bursts, then
there's an occasional pause.

I wrapped my MVT-7100 in aluminum foil and drove around at
lunchtime, and was able to localize the source to within a
1/2-mile square, but the signal eventually "pinned" the S
meter, even with the attenuator switched on and no antenna
attached. A 50-ohm termination connected to the antenna port
was of no use; the radio isn't shielded well enough to make
a difference. (Where have we heard that lately?)

The 1994 Connecticut Scanner Guide doesn't list anything even
close to 469.9875 MHz.

The source appears to be in West Hartford, Connecticut, near
the town dog pound, etc, an industrial area. Too many antennas
to even guess which one is the source.

Learned opinions requested!

I believe that what you are hearing is digital pager data signals if you keep listening you might hear a voice page or two, but generally they are not very interesting.

Happy Scanning
Jim Smith
js@longstreet.larc.nasa.gov

1814. Re: Adding low frequency element to RS discone

Newsgroup: rec.radio.scanner
Date: 1994-03-17 12:56:58 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.19.000CF37A@ccm.hf.intel.com>
Source record: 276278
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <9403171824.AA13040@cs.utexas.edu> scott@redstorm.nawc-ad-indy.navy.mil writes:

>Are there any major disadvantages to stringing this element horizontally
>along and above the roof of my house rather than having a vertical element?

Yes. I don't recall the exact number, but if you want to pick up signal with vertical polarization (transmitted from a vertical antenna - like most VHF/UHF), you will loose something like 8 to 15 dB if you use a horizontally polarized antenna (and vise-versa). Remember 3dB is half power! Most signals are strong enough that it doesn't make that much difference, but if you want to pick up weak signals, you should use an antenna that is polarized (i.e.mounted) the same as the transmitting antenna.

I have heard that with an adapter, you can mount a CB mobile antenna to the top of their discone.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1815. Re: ETOH in parmedic slang

Newsgroup: rec.radio.scanner
Date: 1994-03-17 13:47:36 UTC
From: phinton@gitaylor.cheg.nd.edu
Message-ID: <2m9n1o$2ch@news.nd.edu>
Source record: 276369

In article <LINNIG.94Mar12104250@m2000.dseg.ti.com>, linnig@m2000.dseg.ti.com (Mike Linnig) writes:

>Have you folks noticed this usage? I'm curious if it is a
>political-correctness

And in article <1994Mar16.150253.15906@wmichgw>, x93richards5@wmich.edu writes:

> ETOH is the medical abrev for alochel
> like DOA, DOS, EOA, ect goes back to the latin and greek
> ETOHAL

x93richards5@wmich.edu's explanation isn't quite right, either. The alcohol found in beverages is grain alcohol or ethanol. It's chemical structure is

CH -- CH -- OH
3 2

Where "C" denotes carbon, "H" denotes hyrogen, and "O" denotes oxygen. The CH -- CH group is called an "ethyl group", and for brevity, organic chemists
3 2
have a habit of abbreviating it with the symbol "Et." The big formula above can be condensed to Et-OH. That's probably where the abbreviation in question comes from.
There may be a valid reason for wanting to use something other than "alcohol" in the context of intoxication. There are other alcohols out there, too. Common examples include isopropyl alcohol (rubbing alcohol) and methanol (wood alcohol or Me-OH), and both have been the objects of consumption before. Methanol is a serious concern because it can cause blindness in small doses and death in larger doses, so you can see why paramedics might want to differentiate between alcohols.
My question is why they don't use the APCO brevity code 10-56 for someone who is intoxicated like the police do. Hmm...

Regards,

P.J. Hinton
Graduate Student--University of Notre Dame Chemical Engineering Department

INTERNET: P.J.Hinton@nd.edu

1816. Pro-43 Memory expansion idea.

Newsgroup: rec.radio.scanner
Date: 1994-03-17 16:52:41 UTC
From: bbb@kuhub.cc.ukans.edu
Message-ID: <1994Mar17.105241.60587@kuhub.cc.ukans.edu>
Source record: 276371

In article <1994Mar17.005827.24073@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
> jsherman@nyx10.cs.du.edu (Jonathan Sherman) writes:
> : >Could some one post the +200 channel MOD for the PRO-43, or send them
> : >to me... I would appreciate any help...
> : >
> : >Jeff
> : >
> :
> : Join the club. I've heard naught but rumors of this mod! Anyone with info re
> : this mod, please post! I'd kill for more channels... OK, maybe not kill...
> : :)
>
> Look up the address (or phone number) of CRB (CBR?) Research Books in the
> FAQ. Order the Scanner Modification Handbooks by Bill Cheek. They are well
> worth the money.
>
> Bill

Pro-43 Memory Expansion.

I too have been very interested in the possibility of expanding my pro-43's memory capacity. Figuring that I've all ready spent too much on this silly toy, I don't really want to buy Cheek's book (Which *I'm* sure is an excellent book, but I imagine it contains all kinds of information which will not be related to the 43.) So instead, I've been studying the schematic for the 43. Besides, the EE in me would rather solve the problem for himself. :)

It appears to me that adding memory might not be that difficult. (If you don't have a schematic then what follows might not make much sense. What I'm hoping for is someone out there who is familiar with the 43's guts and/or the 'Creek mod' to comment on my idea.)

IC's 2&3 are identified as part# AK93C67F, and are shown to be a 4K (256x16bit) serial EEPROMs. [Here is the first problem. To date I've not been able to find any 93c67s. I have found 93c66, which seem to have the same description as 93c67, but I don't know for sure. Tandy might very well be able to source these, I haven't tried.]
Electrical speaking, these 2 EEPROMs are piggy-backed on top of each other, pin-for-pin with the exception of their respective Chip-Select (CS) lines. The CS lines go to two different pins on IC1, the CPU-controller IC. It appears to me that it should be possible to physically

piggy-back two more 93c67s on top of the existing ones, connecting all
the pins together except for the CS lines. Next one would have to insert
a DP-DT switch into the circuit that would switch the CS lines from
one pair of 93c67 to the other. This should allow me to have
2 banks of 200 channels. The insertion of a switch, usable when it
all put back together, might be the most challenging part of this!

When studying the schematics one notices that there 3 unused/unconnected
pins on IC1. These 3 pins are 3 bits of the SAME port that is controlling
the memory. That makes me wonder out-loud if it is possible the CPU
is already setup for 400 channels, and perhaps two of these unused lines
might be intended as CS for more memory. That of course is wild
speculation.

Those are the rambling thoughts of one EE, anybody have any thoughts/ideas?
In any case, it would not be a job for the casually interested, whos
idea of a soldering iron is a Weller 100W soldering gun, and talk about
voiding a warranty!

BB
E-Mail Welcomed.

1817. Adding low frequency element to RS discone

Newsgroup: rec.radio.scanner
Date: 1994-03-17 18:24:43 UTC
From: scott@redstorm.nawc-ad-indy.navy.mil
Message-ID: <9403171824.AA13040@cs.utexas.edu>
Source record: 276374
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I just had an idea that I'd like some feedback on. I own a RS discone which
does not have the vertical element to help in the low frequency range.
I have seen ads in MT for a 46 MHz full wave or half wave dipole wire and
thought that I could string my own wire from the bolt on the top of the discone
where the vertical element would be attached.

Are there any major disadvantages to stringing this element horizontally
along and above the roof of my house rather than having a vertical element?

It seems to me that this would help a lot in providing better reception for
my state police frequencies (~42Mhz) and cordless (not that I listen :))
frequencies.

If this were possible, what would be the best type of wire to use?

Any input would be greatly appreciated. Thanks in advance.

| Scott Richardson |
| scott@redstorm.nawc-ad-indy.navy.mil |
| 72237.2420@compuserve.com |

1818. Directory changes on Worl

Newsgroup: rec.radio.scanner
Date: 1994-03-17 18:32:00 UTC
From: marc.tebeka@spacebbs.com
Message-ID: <6.4664.1585.0NAE8D44@spacebbs.com>
Source record: 276275

> I have made some small changes to the directory structore on World
> (ftp.std.com).

> The following directories have been renamed as follows:

> pub/hamradio/ARRL => pub/hamradio/arrl
> pub/hamradio/BARC => pub/hamradio/barc
> pub/hamradio/Incoming => pub/hamradio/incoming
> pub/hamradio/General_Info => pub/hamradio/general-info

Is there a list of all the files available in pub/hamradio with a
description for each of them?

Marc

* RM 1.0 * Eval Day 15 *

1819. Re: Pro-43 Memory expansion idea.

Newsgroup: rec.radio.scanner
Date: 1994-03-17 18:47:49 UTC
From: vhealey@crl.com
Message-ID: <2ma8kl$rtk@crl2.crl.com>
Source record: 276276

In article <1994Mar17.105241.60587@kuhub.cc.ukans.edu>,
<bbb@kuhub.cc.ukans.edu> wrote:
>In article <1994Mar17.005827.24073@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill
nelson) writes:
>> jsherman@nyx10.cs.du.edu (Jonathan Sherman) writes:
>> : >Could some one post the +200 channel MOD for the PRO-43, or send them
>> : >to me... I would appreciate any help...
>> : >
>> : >Jeff
>> : >
>> :
>> : Join the club. I've heard naught but rumors of this mod! Anyone with info re
>> : this mod, please post! I'd kill for more channels... OK, maybe not kill...
>> : :)
Get a pro 2006 and a 512k x 8 SRAM for 51,200 channels!
Mouser Electronics 551-4340000E85 DIP-32 512 x hi-density SRAM 85 ns only
$105.30

>Pro-43 Memory Expansion.
>
>I too have been very interested in the possibility of expanding
>my pro-43's memory capacity. Figuring that I've all ready spent
>too much on this silly toy, I don't really want to buy Cheek's
>book (Which *I'm* sure is an excellent book, but I imagine it
>contains all kinds of information which will not be related to
>the 43.) So instead, I've been studying the schematic for the 43.
>Besides, the EE in me would rather solve the problem for himself. :)
>
>It appears to me that adding memory might not be that difficult.
>(If you don't have a schematic then what follows might not
>make much sense. What I'm hoping for is someone out there who is
>familiar with the 43's guts and/or the 'Creek mod' to comment on my
>idea.)
>
>IC's 2&3 are identified as part# AK93C67F, and are shown to be a
>4K (256x16bit) serial EEPROMs. [Here is the first problem. To date
>I've not been able to find any 93c67s. I have found 93c66,
>which seem to have the same description as 93c67, but I don't know
>for sure. Tandy might very well be able to source these, I haven't
>tried.]

WSR 2/94 page 3

"The serial EPROM chips should be DigiKey's 93C66/SN-ND or equivalents.
Part # for the 4066 chip is CD-4066BEND, but you could also use a 74HC4066

or just about any other version of a CMOS bilateral switch, perhaps even a non-inverting buffer!" Also suggested are two 100K resistors on either side of the SPDT switch to pull the control pins on the 4066 to ground.

>Electrical speaking, these 2 EEPROMs are piggy-backed on top of each
>other, pin-for-pin with the exception of their respective Chip-Select
>(CS) lines. The CS lines go to two different pins on IC1, the CPU-
>controller IC. It appears to me that it should be possible to physically
>piggy-back two more 93c67s on top of the existing ones, connecting all
>the pins together except for the CS lines. Next one would have to insert
>a DP-DT switch into the circuit that would switch the CS lines from
>one pair of 93c67 to the other. This should allow me to have
>2 banks of 200 channels. The insertion of a switch, usable when it
>all put back together, might be the most challenging part of this!

Sound like Bill Cheek's scheme also as far as the pigggy back description.

WSR has about 1/3 page for a simple schematic of the above hookup.

I waiting for some EEE to get it right before I try it!

Victor healey ki4je

vhealey@crl.com

1820. Re: Adding low frequency element to RS discone

Newsgroup: rec.radio.scanner
Date: 1994-03-17 20:13:58 UTC
From: horak@convex.com
Message-ID: <horak.763935238@convex.com>
Source record: 276277
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In <brett_miller.19.000CF37A@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>In article <9403171824.AA13040@cs.utexas.edu> scott@redstorm.nawc-ad-indy.navy.mil writes:

>>Are there any major disadvantages to stringing this element horizontally
>>along and above the roof of my house rather than having a vertical element?

>Most signals
>are strong enough that it doesn't make that much difference, but if you want
>to pick up weak signals, you should use an antenna that is polarized
>(i.e.mounted) the same as the transmitting antenna.

I took one of the top elements down to the hardware store and found some copper tubing that the element fit snug into. Then, I bought 10 feet of it and took it home, cut it in half and slipped the two five foot sections onto the discone....horizontally. It worked great and there was a big improvement on the low bands. The upper bands were unaffected. The only problem I had was that copper is flexible and if you go with more than four or five feet, it will droop and sag a bit. Anyway, this was an easy and cheap way for me. I suppose the verticle element would be the best way to go though.

David

1821. Langley AFB freqs

Newsgroup: rec.radio.scanner
Date: 1994-03-17 21:27:58 UTC
From: mekkes@batcave.larc.nasa.gov
Message-ID: <9403172127.AA27250@batcave.larc.nasa.gov>
Source record: 276279

This is in response to a recent request for Langley AFB, Oceana NAS
frequencies. This is all I could come up with, Langley only, but
here it is as I received it.

Greg Mekkes
mekkes@batcave.larc.nasa.gov

LANGLEY AIR FORCE BASE PROFILE
Compiled by Lynn Burke

AERONAUTICAL FREQUENCIES
120.3/271.3 - Clearance Delivery 121.7/275.8 - Ground control
125.1/251.3 - Tower 239.0 - Metro
122.85*/314.6* - NASA operations 122.9/376.0 - UNICOM
284.0 - Emergency approach 381.3 - TAC command post
344.8 - Consolidated Command Post (try 389.1*, too)

GCA - 126.7/289.4/295.7/297.4/308.6/388.8/390.8

148.175 - 1st AMU 148.475 - 1st EMS
149.225 - 1st AGS 150.225/148.065in - Munitions net
163.4625 - Ramp net 170.575*/280.5 - Supervisor of flight

48TH FIGHTER INTERCEPTOR SQUADRON
Squadron ops and maintenance - 289.0 : Devil ops and Devil maintenance
Fin flash: Blue and silver. : Tail code: LY
Weapons net: 148.450 Maintenance Net A: 149.265
Maintenance Net B : 149.205 Alert ops: 150.165
Callsigns heard: Wolf, Vegas, Drago (not Dragon), Jackal, Devil
Number of planes authorized: 18 F15

27TH TACTICAL FIGHTER SQUADRON
Squadron ops and maintenance - 351.0 : Bull ops and Bull maintenance
Fin flash: Gold : Tail code: FF
27th AMU: 149.300
Callsigns heard: Cram, Tag, Jake, Rust, Kiwi, Hawk
Number of planes authorized: 24 F15

71ST TACTICAL FIGHTER SQUADRON
Squadron ops and maintenance - 357.1 : Iron ops and Iron maintenance
Fin flash: Red : Tail code: FF
71st AMU: 148.525
Callsigns heard: Coop, Raft, Poke, Jedi, Gabby, Tang, Chief, Wade, MadDog, Love
Number of planes authorized: 24 F15

94TH TACTICAL FIGHTER SQUADRON
Squadron ops and maintenance - 364.0 : Spad ops and Spad maintenance
Possible tactical frequency - 252.775 and 376.750
Fin flash: Blue : Tail code: FF
94th AMU : 148.225
Callsigns heard: Gulf, Spad, Zest, Dragon, Velcro, Naber, Foam, Coach, Pecos, Soar, Spad
Number of planes authorized: 24 F15

1402 MILITARY AIRLIFT SQUADRON
Squardon frequency: Probably 376.0
Callsigns heard: Pacer 22 40116), 67, Trent 22 (40116), MAC (40119)
Number of planes authorized: 6 C21 jets

6TH AIRBORNE COMMAND AND CONTROL SQUADRON
Squadron ops and maintenance: 358.2 : Cushion base
6 AMU : 413.275
Callsigns heard: Anchor 4, 5 and 6 (squadron has 4 planes)
Tail numbers: 10274 (EC-135H), 53129, 80019, 80022 (EC-135P)
Number of planes authorized: 3 C-135

4401 HELICOPTER FLIGHT
Squadron ops and maintenance - 251.9 : Hover ops and Hover maintenance
Number of planes authorized: 3 UH-1N
NASA
This place has several planes used for transport and research. Only ID heard is NASA ---. Have heard 550 (a T-38 one day, an F-5 the next), 505 (a little 2-motor prop) and 511 (an F-106).

74 TACTICAL CONTROL FLIGHT
407.375* - Net A 407.450* - Net B (both unconfirmed)

SECURITY
149.565* - Terminal services security
163.4875 - Base police / CSC (guard alert aircraft)
163.5125 - Base police / Law enforcement
163.5875 - Base police / WSA
164.975 - Base police / SWAT
413.025 - TAC command guard

FIRE/RESCUE
173.5875 - F1 173.5125 (or .5375) - F2 173.5625 - Hospital net

LANGLEY AFB SUPPORT FREQUENCIES
138.075, 138.165, 138.175 - AF OSI

148.075* - Listed as HQ Tac commanders net
143.475/140.375in - TAC Inspector General
141.925 - Base supply
143.450 - Air Force MARS
149.475 - 1913 Communication Group
149.550 - Base fuels/POL
150.325 - Motor Pool
163.750* - VIP net, portables and phone patch
165.0125/173.7375 - Civil engineers

165.1125/173.4375 - 1TFW commanders net
165.1625 - Disaster preparedness
165.6125* - Civil engineers possible simplex
173.7125 - Emergency Ordinance Disposal

* - indicates unconfirmed by Lynn Burke

AMU - Aircraft Maintenance Unit
EMS - Equipment Maintenance Squadron
AGS - Aircraft Generation Squadron

========== This list was created for the ODDX BBS in Newport News, Va. (930-9563) =
= and the ScanVirginia BBS in Chester, Va. (796-6828) =
==========

1822. Re: ADVICE on BUYing SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-03-17 21:57:34 UTC
From: mason4@server.uwindsor.ca
Message-ID: <CMtwzz.24q@uwindsor.ca>
Source record: 276280

In article <c9.11.4528.0NC81DBE@onlinesys.com> ben.hoogendoorn@onlinesys.com (Ben Hoogendoorn) writes:
>I would like advice on buying a scanner. I want to get max. of
>frequencies and clarity as well. I'm really not sure on what else I
>want or what I should want. Thanks for info.
>
><<Ben>>
>
>P.S. Don't worry about reply overload. I want to hear lots of opinions.
>---
> • SLMR 2.1a • "Got arrested for going 14400 in a 2400 Zone.

I would also like such information. I don't have any real experience with scanners but from what I read I think I know the basic features I would need. First of all, I would want good frequency coverage (no gaps), good frequency steps, especially small enough steps. Cellular and portable phone coverage definitely. btw, I will probably end up buying used because I think the scanners need to be modified for cellular and for the gapless coverage. I'm not great with a sodering iron, and I'd probably kill my scanner if I ever tried to modify it myself. So, for a scanner with the above features, and good clarity and range, which models would be best, and how much should I expect to pay? (used probably)
thanks

Chris

1823. where to buy crystals?

Newsgroup: rec.radio.scanner
Date: 1994-03-17 22:20:26 UTC
From: billp@voyager.chm.clarkson.edu
Message-ID: <1994Mar17.222026.11479@news.clarkson.edu>
Source record: 276281

I have an old-fashioned, Regency, 8-channel crystal scanner that's been sitting around collecting dust for a number of years now. I'm thinking of putting it back into service (don't laugh). It's not a bad receiver; seems noticably more sensitive than the Realistic handeld that I have. Anyway, I'd like to set it up as a wx receiver to monitor NOAA and continuous Coast Guard marine advisories that are broadcast in my area, if I can buy a dozen or so new crystals for somewhat less than the $5+ they cost (last time I bought one) at the local Radio Shack. I don't feel it's worth spending almost as much on crystals as they (RS) are asking for the close-out model (pro-whatever at $79) programmable handheld, but for $2 or so each, I'd consider giving this old radio a new use.

Anyone know of a good source? The last Digi-Key catalog I got had quartz crystals for as little as 1.79, but these were probably intended for microprocessors and other clock applications; they didn't list the selection necessary for scanner use.

thanks for any help...

-billp

1824. desktop scanner recommendation

Newsgroup: rec.radio.scanner
Date: 1994-03-17 22:28:34 UTC
From: ira@src.dec.com
Message-ID: <2malii$e4l@src-news.pa.dec.com>
Source record: 276282

I've seen lots of suggestions from people regarding their favorite portable scanner.
What do you like in the desktop scanner category and why?

Regards,
Ira

1825. Re: Adding low frequency element to RS discone

Newsgroup: rec.radio.scanner
Date: 1994-03-18 00:02:38 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2mar2u$4fp@umcc.umcc.umich.edu>
Source record: 276283
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I have the Rat Shack Discone and have added an old CB base mounted coil whip to the center and it helped pull in state police 42Mhz freq's from 40 miles away that I never got before. You may also add an FM mast to the center to help too. Either way it helps and isn't that hard to do.
Les

1826. Question on the PRO-46...

Newsgroup: rec.radio.scanner
Date: 1994-03-18 05:59:04 UTC
From: ericd@comtch.iea.com
Message-ID: <2mbfv8$d0l@krel.iea.com>
Source record: 276284
Cross-posted to: rec.radio.scanner,alt.radio.scanner

First of all...does anyone else own one??

Secondly, does anyone know about any mods? Not that I'm going to use them right away, it would just be interesting to see if any one else has this nice (for me, anyway, first one I've ever had) scanner.

Thanks in advance...

--

+--------------------------+---------------------------------+
| Eric J. Dahlquist | Vote for Ed Schermerhorn. |
| <ericd@comtch.iea.com> | Tough Choices from a Tough name! |
+--------------------------+---------------------------------+

1827. Re: Adding low frequency element to RS discone

Newsgroup: rec.radio.scanner
Date: 1994-03-18 08:45:18 UTC
From: einar@ade.no
Message-ID: <82HDJc1w165w@ade.no>
Source record: 276285
Cross-posted to: alt.radio.scanner,rec.radio.scanner

horak@convex.com (David Horak) writes:
< About his attachment of vertical dipole to discone >
> problem I had was that copper is flexible and if you go with more than
> four or five feet, it will droop and sag a bit. Anyway, this was an easy
> and cheap way for me. I suppose the verticle element would be the best
> way to go though.
>
Use thin wall aluminum tubing. It weighs much less than copper, and will
stay up there even in strong wind gusts if you fasten it properly.

1828. Re: BC8500XLT (25-1300) READ!

Newsgroup: rec.radio.scanner
Date: 1994-03-18 08:48:00 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.22.0008CD17@ccm.hf.intel.com>
Source record: 276291

In article <CMv3CA.9F3@uwindsor.ca> mason4@server.uwindsor.ca (Mason Chris L) writes:

>In article <cmcl.17.00178692@beach.cis.ufl.edu> cmcl@beach.cis.ufl.edu (Jon) writes:
>>Attention All BC8500XLT Owners (or future owners)!
>>
>>Don't count this one out yet!
>>
>>I have successfully got this thing so it is a coninuous receiver from 25 to
>>1300 MHz. It allows direct keyboard entry of any frequency. If you are doing
> ^^

>Huh? I'm planning to buy a scanner in the recent future, but when I hear
>things like this I get worried. Do you mean that is a lot of other scanners
>you CAN'T enter any frequency with the keyboard? Forgive my ignorance, but
>then how the hell else would it be entered? I hope the answer is not that
>you just have to scan through every frequency the scanner picks up! Well,
>this definitely seems like an essential feature when I get my first scanner.

Rest easy. What he means is that it can be modified to receive any frequency
from 25 - 1300 MHz (I'd like to hear more about this!). The fact that it is
done through the keyboard is not the point. Any scanner with a keypad can
direct enter any frequency that the scanner can receive. The point of his
post is the receive range, not the keyboard entry.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1829. Re: Ham Radio FTP area on Oakland

Newsgroup: rec.radio.scanner
Date: 1994-03-18 10:09:17 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.23.000A27E9@ccm.hf.intel.com>
Source record: 276296
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

In article <wy1zCMuxsM.Hvt@netcom.com> wy1z@netcom.com (Scott Ehrlich) writes:

>This is a periodic reminder that the Boston Amateur Radio Club maintains an
>FTP area on oak.oakland.edu (141.210.10.117) in /pub/hamradio.

>On most systems, the command needed is: ftp oak.oakland.edu
> or: ftp 141.210.10.117
> For Gopher: gopher gopher.oakland.edu 70
> World Wide Web URL: http://www.acs.oakland.edu
^^^^^^^^^^^^^^^^^^^^^^

I just wanted to make a comment on WWW here. I've been using Internet stuff for about 4 years, but last week a guy gave me a program called Mosaic that is a software interface to World Wide Web. All I can say is: WOW!! WWW allows a point and click interface to the Internet. Instead of cryptic unix commands you can see everything and click the mouse on what you want. You can click on a line and have a high resolution movie play on your computer with sound! You can navigate FTP like Program Manger in Windows. I clicked on a few lines and was reading the Dead Sea Scrolls which had pictures of the original manuscripts. It is amazing! All I'm saying here is that if you can get WWW access, get it. It is a full multimedia superhighway - who needs Al Gore!

Now we return to your regularly scheduled scanner discussions...

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1830. Re: where to buy crystals?

Newsgroup: rec.radio.scanner
Date: 1994-03-18 10:17:47 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.24.000A4C33@ccm.hf.intel.com>
Source record: 276297

In article <2mc2ec$9dv@news.ysu.edu> ai456@yfn.ysu.edu (Paul S. Troutman) writes:

>In a previous article, billp@voyager.chm.clarkson.edu (Bill Plunkett) says:

>>Anyone know of a good source? The last Digi-Key catalog I got had
>>quartz crystals for as little as 1.79, but these were probably
>>intended for microprocessors and other clock applications; they didn't
>>list the selection necessary for scanner use.

>buy crystals for scanners custom made Crystek (2351 crystal drive, Ft. Myers,
>Florida 33907, catalog, 800-237-3061 8:00 am to 5:00 pm, free in US, except
>Florida, Alsaska, and Hawaii). They make anything from 800Khz to 250Mhz, ect

>Another company JAN Crystals is also in Florida, I don't have the address
>handy at the moment.

I have purchased from JAN before, but the issue here is price. Xtals are
expensive. As far as I know, ordering xtals from Radio Shack at $5.xx, is
about the cheapest you can buy them. The only cheaper way I can think of is
going to swap-meets. I have an old RS patrolman 77A VHF, and an old
Unimetrics UHF xtal scanner that still perform quite well, but I can't bring
myself to buy a full set of xtals for them (especially since I just moved).
I do have some San Jose, CA xtals that I'd be willing to sell if anyone is
interested.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1831. Ham Radio FTP area on Oakland

Newsgroup: rec.radio.scanner
Date: 1994-03-18 11:12:21 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCMuxsM.Hvt@netcom.com>
Source record: 276311
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

This is a periodic reminder that the Boston Amateur Radio Club maintains an
FTP area on oak.oakland.edu (141.210.10.117) in /pub/hamradio.

Oakland is available via the following methods:

On most systems, the command needed is: ftp oak.oakland.edu
or: ftp 141.210.10.117
For Gopher: gopher gopher.oakland.edu 70
World Wide Web URL: http://www.acs.oakland.edu

Please feel free to browse through the area.

If anyone has any questions about it, please do not hesitate to e-mail
either of the co-moderators listed below.

Also, up-to-date copies of the files on the ARRL's information server
(info@arrl.org) are available in the directory /pub/hamradio/ARRL/Server-files

Source code for programs is always welcome. It can permit people to use
those programs on other computers with other operating systems.

Scott Ehrlich, WY1Z, co-moderator
wy1z@netcom.com

Phil Temples, K9HI, co-moderator
k9hi@netcom.com
--
```
================================================================================
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na |
|------------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| oak.oakland.edu:/pub/hamradio |
================================================================================
```

1832. Re: where to buy crystals?

Newsgroup: rec.radio.scanner
Date: 1994-03-18 11:14:20 UTC
From: ai456@yfn.ysu.edu
Message-ID: <2mc2ec$9dv@news.ysu.edu>
Source record: 276286

In a previous article, billp@voyager.chm.clarkson.edu (Bill Plunkett) says:

>Anyone know of a good source? The last Digi-Key catalog I got had
>quartz crystals for as little as 1.79, but these were probably
>intended for microprocessors and other clock applications; they didn't
>list the selection necessary for scanner use.

I have a Regency R-700 which dates back to 1970 or so... Anyway, you can
buy crystals for scanners custom made Crystek (2351 crystal drive, Ft. Myers,
Florida 33907, catalog, 800-237-3061 8:00 am to 5:00 pm, free in US, except
Florida, Alsaska, and Hawaii). They make anything from 800Khz to 250Mhz, ect
(including scanner crystals, military and satellite, VCO's, Oscillators, also
TCXO and commerical two-way repleacements, Surface mount clock oscillators for
TTL and CMOS, O.C.C.O. Oscillators, Microprocessor crystals 1 to 100 Mhz, and
Crystal holders in ANY case type and harmonic. I don't have any information
on prices from Crystek.

Another company JAN Crystals is also in Florida, I don't have the address
handy at the moment.
--
Paul S. Troutman "Ladies and gentlemen, if I can pass along
ai456@yfn.ysu.edu one word of advice to you, as you pursue
your weekend leisure activities:
STOP BENDIN' THE SHAFT!" - L.N.W.D.L.

1833. AR3000 question

Newsgroup: rec.radio.scanner
Date: 1994-03-18 13:56:53 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.33.000DF31F@ccm.hf.intel.com>
Source record: 276303

I remember hearing about a mailing list for AR3000 users. Does anyone know if its still around? I have been calling around to buy one of these, but everybody is out of stock. Does anyone know of a place that has them in stock?

Thanks

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1834. Re: Pro-43 Memory expansion idea.

Newsgroup: rec.radio.scanner
Date: 1994-03-18 15:11:12 UTC
From: bbb@kuhub.cc.ukans.edu
Message-ID: <1994Mar18.091112.60642@kuhub.cc.ukans.edu>
Source record: 276287

In article <2ma8kl$rtk@crl2.crl.com>, vhealey@crl.com (Victor Healey) writes:

> WSR 2/94 page 3
>
> "The serial EPROM chips should be DigiKey's 93C66/SN-ND or equivalents.
> Part # for the 4066 chip is CD-4066BEND, but you could also use a 74HC4066
> or just about any other version of a CMOS bilateral switch, perhaps even a
> non-inverting buffer!" Also suggested are two 100K resistors on either
> side of the SPDT switch to pull the control pins on the 4066 to ground.
>
>

Ah-so. He is using a 4066 to do the switching. Sheww. must be a tight
fit. Then he only has to bring control lines for the 4066 outboard.
After posting my thoughts on this, I remembered to consider the possible
(likely?) needs for pull-ups/down on the unused 93c66 chip select pins.
Something else to consider.

>>Electrical speaking, these 2 EEPROMs are piggy-backed on top of each
>>other, pin-for-pin with the exception of their respective Chip-Select
>>(CS) lines. The CS lines go to two different pins on IC1, the CPU-
>>controller IC. It appears to me that it should be possible to physically
>>piggy-back two more 93c67s on top of the existing ones, connecting all
>>the pins together except for the CS lines. Next one would have to insert
>>a DP-DT switch into the circuit that would switch the CS lines from
>>one pair of 93c67 to the other. This should allow me to have
>>2 banks of 200 channels. The insertion of a switch, usable when it
>>all put back together, might be the most challenging part of this!
>
> Sound like Bill Cheek's scheme also as far as the pigggy back
> description.
>
> WSR has about 1/3 page for a simple schematic of the above hookup.
>
> I waiting for some EEE to get it right before I try it!
^^^
>

Me too! I'm just an EE, and someone with EEE is sure to be better. :)

I'm going to sit back down, and start drawing up some possible solutions.
I'm wondering if a 14053 analog mux/demux might also work.
I'll post what ever I come up with. In the mean time, I think I'll order
some eeprom!

> Victor healey ki4je
>
> vhealey@crl.com
>

BB
E-Mail Welcome

1835. Re: ETOH in parmedic slang

Newsgroup: rec.radio.scanner
Date: 1994-03-18 15:47:09 UTC
From: yt7062@ARK.SHIP.EDU
Message-ID: <2mcidt$p65@jake.esu.edu>
Source record: 276288

In article <LINNIG.94Mar12104250@m2000.dseg.ti.com>, linnig@m2000.dseg.ti.com (Mike Linnig) writes:
>I've noticed that some of the public service agencies around here, primarily
>paramedics, are fond of using ETOH as slang for an intoxicated person or an
>alcohol related accident.
>
>Have you folks noticed this usage? I'm curious if it is a political-correctness
>issue for the paramedics. Why not just say alcohol?
>

ETOH stands for Ethanol in chemistry, so they really are saying alcohol.
However, if you say alcohol, it could be isopropyl or something
else around the house. Te level of the call would change to a more serious
one, because now it would be a poisoning, not an intoxication...

YAT:

1836. BC200XLT Extended Power

Newsgroup: rec.radio.scanner
Date: 1994-03-18 15:56:31 UTC
From: dhunter@dow.com
Message-ID: <2mcivf$c0@raven.dow.com>
Source record: 276289

Hello all,

I would like to know how to keep a BC200XLT going after the
rechargeable battery packs are used up. I have never seen any
other sources for powering these other than the included batteries.
I will be going on a long-distance train trip without a way to
recharge the batteries.

****
* Doug Hunter "My views may not represent *
* dhunter@dow.com those of my employer..." *
****

1837. Wanted -- Channel <=> Freq for Aeronautical

Newsgroup: rec.radio.scanner
Date: 1994-03-18 16:37:18 UTC
From: gganderson@augustana.edu
Message-ID: <gganderson.309.0@augustana.edu>
Source record: 276290

Does someone have a digital (e-mail sharable) file showing
the conversion table between frequency and channel for the
Aeronautical bands? In particular I am interested in
the navigation aspects (VOR,VORTAC).

Thanks.

Kevin
* *
Kevin L. Anderson, Geography Dept., Augustana College
Rock Island, Illinois 61201 USA phone: (309) 794-7325
e-mail: gganderson@augustana.edu or kla@helios.augustana.edu
* *

1838. Re: Questions about Radiopager Systems

Newsgroup: rec.radio.scanner
Date: 1994-03-18 16:59:53 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.35.0011000B@ccm.hf.intel.com>
Source record: 276322

In article <1994Mar18.212934.19902@alw.nih.gov> weisen@alw.nih.gov (Neil Weisenfeld) writes:

>p.s. -- If someone could suggest a better newsgroup, that's welcome, too.

Try rec.radio.amateur.misc. There may be some "Super Geeks" there that are up on pager technology. Personally I hate them because the use enough power to fry an egg from 100 ft. My sensitive scanners don't like that.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1839. Re: BC200XLT Extended Power

Newsgroup: rec.radio.scanner
Date: 1994-03-18 17:04:04 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.36.001111E4@ccm.hf.intel.com>
Source record: 276323

In article <2mcivf$c0@raven.dow.com> dhunter@dow.com (Doug Hunter) writes:

>I would like to know how to keep a BC200XLT going after the
>rechargeable battery packs are used up. I have never seen any
>other sources for powering these other than the included batteries.
>I will be going on a long-distance train trip without a way to
>recharge the batteries.

Get the lighter plug adaptor and just leave it plugged in (the the battery pack) when you are using it. You can even make one yourself. The pack takes straight 12v and it has an internal regulator, so you don't have to worry about that. You could buy the parts from Radio Scrap. - just get the polarity right.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1840. Pro 39 Mod & Question

Newsgroup: rec.radio.scanner
Date: 1994-03-18 17:05:49 UTC
From: jqtaylor@boi.hp.com
Message-ID: <CMvE5p.79p@boi.hp.com>
Source record: 276292

Okay, I'm posting the Pro 39 mod and a Pro 39 - Pro 43 comparison I did last year, because I need help with my Pro 39. It seems that when I press the SCAN button, it does not start scanning. It does not beep either, so I am thinking that the switch is dirty. I wonder if the SCAN button is worn out - entirely possible, since I've had it over a year and that's the button I like to press! So how can it be fixed? After it's been on a while, if I press it enough times, it does work - occasionally.

Here's the old articles:

*** Bob's Tip of the Month ***

(from Monitoring Times, January 1993, Dial 1-800-438-8155, Great Magazine!)

Realistic (R) PRO-39 Cellular Restoration (Page 107)

[with a few comments added by someone who witnessed such restoration -jqt]

The recently released PRO-39 handheld scanner from Realistic (R) is a fine performer, but its 800 MHz range is interrupted by the factory censoring of cellular frequency coverage. Long-time MT supporter Larry Wiland of Youngstown, Ohio, would like to share the simple fix. Remember, however, that it is unlawful to listen to cellular phone calls.

(NOTE: These procedures may void your warranty. Do not attempt them unless you are familiar with small component soldering. Monitoring Times accepts no responsibility for damages resulting from attempting this modification.)

TOOLS NEEDED: Fine-tipped soldering iron, desoldering wick, small Philips screwdriver, long-nosed pliers, rosin-core solder.

(1) [Turn off your radio. Removing the batteries when the radio is ON can erase the memory! -jqt] Remove the battery door, holder and [battery pack] from the bottom of the radio.

(2) Remove the four screws from the back of the scanner and carefully lift the back off.

(3) Unplug the two wiring harnesses at their connectors and remove the six bright colored screws [that hold] the circuit board in place. Unsolder the ground wire from the lower right corner of the circuit board. Unsolder the two wire connections from the BNC antenna connector at the

board. Carefully lift the board (grasping it near the Molex connector)
and set it aside.

(4) Remove the two bright colored screws from the next circuit board.
Carefully unplug the two-wire connector [and remove the board, as I
recall -jqt]. Unsolder and lift the rectangular metal shield exposing
the diodes.

(5) Carefully unsolder and remove diode D6 only; this will restore the
missing cellular frequencies which can be searched in appropriate
30 kHz steps.

This completes the cellular restoration. Reverse all procedures
to reassemble the radio and test it by entering any frequency between
869-894 MHz. [If you are as lucky as I was, the memory will still
contain your other frequencies! -jqt]

Curious about the other diodes? D4 would enable 68-88 MHz
coverage, but deletes 30-54 MHz; D5 (present) allows 800 MHz band
operation; and D7 would make cellular spacing 12.5 kHz (incorrect).

Thanks Larry!

A TALE OF TWO SCANNERS

~~~~~~
The Pro 39 and the Pro 43: A General Comparison
by John Quill Taylor

~~~~~~

This is a general yet practical comparison between two popular Realistic(TM)
Brand portable scanners, the Pro 39 and the Pro 43. This is not an in-depth
technical comparison, as these have been written already. This is a
comparison from my own experience using both scanners. I've had a Pro 39
for seven months, and a Pro 43 was just acquired recently, so my report is
probably biased toward the Pro 39, with which I am more familiar.

Overall Impressions and complaints:
==================================

The Pro 39 & Pro 43 have some major differences and some subtle differences.
The subtle differences can be surprising. For example, the beep
confirmation tone is about one whole note higher in frequency on the Pro 39
than on the Pro 43! Also, each radio has its own "personal" behavior: the
quality (or lack thereof) of its sound, the brightness (darkness?) of the
internal lamp, and the ease with which you can read (or not read) the LCD
display, all vary between one radio and another, even of the same model!

In MANUAL mode, both radios have a STANDBY feature that allows the scanner
to consume less power, Both radios go into STANDBY mode after about 5
seconds. The STANDBY circuit produces and audible thump in an external

speaker. When using an AC adapter (either charging or powering), an audible hum is heard when using an external speaker.

What's GOOD about BOTH the Pro 39 & the Pro 43:
==========

Both of these radios share the same small footprint (more like thumbprint!). They use the same battery pack (6 AAs), AC and DC adapters (9V), and have a similar look and feel, including the antenna connector (BNC), earphone connector (1/8"), and squelch and volume knobs. Both radios can be modified to restore full 800 MHz coverage, and modifications exist to eliminate the beep and improve the sound.

What's BAD about BOTH the Pro 39 & the Pro 43:
==========

Although a modification exists to defeat the beep confirmation tone, a switch to enable or disable it would have been nice. The sound of the beep when using headphones or an external speaker is quite obnoxious, but the beep is somewhat useful during programming, since the buttons are rather small.

The belt clip is a piece of trash. Granted, it only costs a dollar to replace (at Radio Shack); I've spent three dollars more than I care to have spent on this weakly designed part. Luckily, its failures have not caused any damage to the radio itself, a very real possibility.

The internal speaker's in both radios suck.

On my Pro 39, I once was removing the batteries while the power was on, and I lost all the frequencies! I am unsure whether this can happen to the Pro 43, but I recommend turning the power off before taking the battery pack out and leaving it off until the pack is securely in place.

When in PRIORITY mode, the scanners often "leap" from a frequency with a solid carrier. Also, during the "sampling" of the priority channel, the radio often "misses" a pressed button, requiring you to press it again. These little "bugs" occur also on the Pro 2006.

What's GOOD about the Pro 39:
==========

The Pro 39 has a lower price.

The Pro 39 has a much easier to read LCD, at least on the radios I have seen. I returned my first Pro 43 because the display was hardly readable.

The Pro 39 uses less than half the current drain as compared to the Pro 43 (according to published specifications). This was my initial reason for getting a Pro 39 versus a Pro 43. Where does all that power go in the Pro 43? Is it the triple conversion? Is it the triple conversion? Is it the triple conversion? Who knows?

While the internal speakers are awful in both models, my Pro 39 has a much better sound. It is, in a quiet room, even "listenable." The Pro 43 speaker "cracks up" (this may be the fault of the audio amplifier, since both radios perform well with headphones or an external speaker).

The general "behavior" of the Pro 39 seems a bit more "positive" to me, although I have owned this radio much longer than my Pro 43. When scanning, pressing LOCKOUT works immediately on the Pro 39, while it seems to hesitate a brief moment on my Pro 43.

What's GOOD about the Pro 43:
==========

The Pro 43 has a few extra front panel features that are nice, like an AM/FM button. The Pro 39 "assumes" AM mode in certain frequency ranges, and this mode cannot be "overridden" with a button like the Pro 43.

The Pro 43 scans in both directions, from lower to higher channels (default "wakeup" mode, like the Pro 39) and also from higher to lower channels. This is a subtle but very handy feature that allows you simple way to "bounce" back and forth between two closely spaced "hot" frequencies.

The Pro 43 features triple conversion (versus double on the pro 39). I didn't think this was a big deal, especially if you live in a "little" town like I do, and I still don't think it's a big deal if all you do is scan the programmed channels. Where triple conversion pays off is during searches, but since neither radio has "frequency lockouts" during search mode, both radios will "hang" on dead carriers, birdies, etc. during searches.

The Pro 43 has a shorter antenna (about 1/2" shorter). It is also narrower (about 1/8" narrower).

The Pro 43 "remembers" the channels without batteries, although many times I have left my Pro 39 on all night (after the batteries expired) and the frequencies were still there. Maybe I am just lucky.

The Pro 43 has better frequency coverage (see the Radio Shack Catalog).

The Verdict:
==========

The Pro 39 is less expensive but it only uses double conversion. The Pro 43 uses triple conversion, and yet it uses more power, has a more difficult to read LCD, and sounds worse using the internal speaker. While some great discounts can be had on both of these radios, I strongly recommend holding and operating both radios side by side before buying, and, if I had to do it again, I would buy them in person, since it appears that each radio varies in its LCD display and sound quality.

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \

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Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 430 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

1841. Re: BC200XLT Extended Power

Newsgroup: rec.radio.scanner
Date: 1994-03-18 17:12:50 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.37.00113741@ccm.hf.intel.com>
Source record: 276306

In article <brett_miller.36.001111E4@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>Path: ornews.intel.com!ccm.hf.intel.com!brett_miller
>From: brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ)
>Newsgroups: rec.radio.scanner
>Subject: Re: BC200XLT Extended Power
>Date: Fri, 18 Mar 1994 17:04:04
>Organization: Intel Corp.
>Lines: 19
>Distribution: world
>Message-ID: <brett_miller.36.001111E4@ccm.hf.intel.com>
>References: <2mcivf$c0@raven.dow.com>
>NNTP-Posting-Host: 128.215.210.58
>X-Newsreader: Trumpet for Windows [Version 1.0 Rev A]

>In article <2mcivf$c0@raven.dow.com> dhunter@dow.com (Doug Hunter) writes:

>>I would like to know how to keep a BC200XLT going after the
>>rechargeable battery packs are used up. I have never seen any
>>other sources for powering these other than the included batteries.
>>I will be going on a long-distance train trip without a way to
>>recharge the batteries.

>Get the lighter plug adaptor and just leave it plugged in (the the battery
>pack) when you are using it. You can even make one yourself. The pack takes
>straight 12v and it has an internal regulator, so you don't have to worry
>about that. You could buy the parts from Radio Scrap. - just get the
>polarity right.

Oops! Did you say TRAIN? I haven't seen too many trains with lighter plugs...

This might sound crazy, but you could get a 12v 6 or 7 Amp/Hr GellCell (sealed lead acid battery) and use this to provide the power to plug into your pack. Its not a great idea to do this a lot, since charging a NiCad with pure DC is not too great for them (wall warts have slight AC ripple), but doing this a few times will have no significant effect on the life of the battery.

If you want to spend some more money you could buy Metro West's super long life pack for the 200xlt about $65 from Metro or Grove. It is 1200 mA/hr, which is probably twice life of the regular pack.

>Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
>Intel Corp.
>American Fork, UT

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.

American Fork, UT

1842. Re: Need help to get Full US CD online

Newsgroup: rec.radio.scanner
Date: 1994-03-18 17:14:33 UTC
From: otto@wpxi.pgh.net.com
Message-ID: <2mcdbv$95v@toads.pgh.pa.us>
Source record: 276293

> I just got my full US index CD of 3 million (!) FCC records for the
> whole US. I'd like to make it available over the internet (...)

David, where did you get your CD, and how much did it cost? Does it cover all services? Also does it supply transmitter latitude/longitude information?

Thanks!

1843. Mods for 200XLT

Newsgroup: rec.radio.scanner
Date: 1994-03-18 17:15:29 UTC
From: slitel@cadre.com
Message-ID: <1994Mar18.171529.8502@fripp.ri.cadre.com>
Source record: 276294

A friend of mine just bought the Bearcat/ Uniden 200XLT. Anyone have the "mods" out there for this one?

Thanks!

1844. AOR1000XLT For Sale

Newsgroup: rec.radio.scanner
Date: 1994-03-18 17:47:29 UTC
From: <>
Message-ID: <1994Mar18.174729.28601@galileo.cc.rochester.edu>
Source record: 276295

For Sale:

AOR AR1000XLT 500Khz -1300Mhz Wide Range Monitor (No gaps)

Excellent condition.

Specifications
1000 Channels in 10 Banks
500Khz - 1300Mhz
.35uv NFM,1
1.0uV WFM
10uV AM
Scan,Search Speed 20ch/sec
IF: 561.225, 58.075
Increments 5 to 995 Khz

Price $260 or Best Offer.
Also includes low freq telescoping antenna and window mount.

BTW this unit sells for $417 new. Also after April 26th Scanners
that can easily monitor 800Mhz will no longer be imported.

Home 716 244-3771
Work 716 275-4425
--

Standard disclaimers are in full effect.

1845. Re: Hot air balloon freq. ??

Newsgroup: rec.radio.scanner
Date: 1994-03-18 19:05:52 UTC
From: billp@voyager.chm.clarkson.edu
Message-ID: <1994Mar18.190552.21525@news.clarkson.edu>
Source record: 276298

From article <CMruGv.CvC@freenet.carleton.ca>, by aq304@FreeNet.Carleton.CA (David Haney):
>
> Does anyone out there listen to hot air balloon pilots ?
> I'm looking for any frequencies you may have heard them on.
> There are a lot of hot air balloons in the Ottawa ,Ontario area.

Hmmm, good question. You might try the "multicom" freq, intended for communication between aircraft in flight (somewhere around 123.0 or 123.5 in the aircraft band - someone can verify), or elsewhere in the aircraft com. band (118-136 MHz AM phone), since multicom would get awfully crowded if everyone used it at the same time. I'll bet however, that for their purposes, balloonists are just as likely to be using walkie-talkies in the CB or maybe low-power public use bands, or even ham equipment, if licensed.

Maybe you ought to post your question to rec.avaiation, someone there should know.

-billp

1846. Re: Pro-43 Memory expansion idea.

Newsgroup: rec.radio.scanner
Date: 1994-03-18 19:13:29 UTC
From: vanderby@mprgate.mpr.ca
Message-ID: <1994Mar18.191329.11561@mprgate.mpr.ca>
Source record: 276314

bbb@kuhub.cc.ukans.edu writes:
>IC's 2&3 are identified as part# AK93C67F, and are shown to be a
>4K (256x16bit) serial EEPROMs.

What!!! EEPROMS have a limited number of writes (like 10000 or so).
Why doesn't the manual mention this? Does this mean every time I
lock out a channel, and then later unlock it I've used up 2 writes?
I make heavy use of the l/o key, if the manual had mentioned this
I wouldn't use it so much.

Does anyone know the details?

1847. RS Cell-Like Mobile Antenna

Newsgroup: rec.radio.scanner
Date: 1994-03-18 19:44:04 UTC
From: etoler@csn.org
Message-ID: <CMvLHH.AvJ@csn.org>
Source record: 276299

Radio Shack Scanner Antenna, Cellular look-alike:

I would like to use the RS Cell-like antenna on my vehicle. I have heard that the performance is acceptable and especially like the subtle quality of an antenna that most, hopefully even the *authorities*, would mistake for a cell phone.

My specific question is regarding the thru-glass coupling. I understand that window tint film must be removed AND the glass can have no factory metallic tinting. My vehicle is a '93 Nissan Pathfinder and the best location for the antenna is the very rear side window. This window has a factory bronze tinting throughout the whole glass and looks a bit reflective. Do any of you vehicle/antenna/cell installation experts know if this window has a metallic coating in it, thus rendering it useless?? The only other option, due to vehicle layout, roof racks, etc. is the front windshield, not the best option.

If any out there know either the answer, or a test I could do (short of actually mounting it) e-mail me or post it. Thanks in advance and happy listening.

Eric Toler
etoler@rmi.org

P.S. This has been a teriffic NewsGroup; a great source of good, informed opinions. Thanks ALL!

1848. RS EL-900Mhz phone

Newsgroup: rec.radio.scanner
Date: 1994-03-18 20:19:22 UTC
From: rob@ct.picker.com
Message-ID: <1994Mar18.201922.8672@picker.com>
Source record: 276300

it has 60 channels that the base tells the headset to check 3 of... sometimes
it necessary to tell it what starting point... so

on the phone while holding the mute button turn it on
press 9 8 7 6
then the channel number.... 01 for 926.12

for the base switch to pules mode
press ocr and quick charge at the same time and plug it in
wait for the inuse led and the ocr led and beep for
channel 31

Rob

1849. WANTED: DFW Scanner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-03-18 21:06:04 UTC
From: rgregory@adr14
Message-ID: <CMvpA4.Bvy@skopen.dseg.ti.com>
Source record: 276301
Cross-posted to: rec.radio.scanner,dfw.forsale

Note: this is cross-posted to both rec.radio.scanner and dfw.forsale.
Please follow-up via e-mail to me.

I am looking for a list of DFW scanner frequencies. I know I can
go to a local Radio Shack and get the Police Call book, but I want
a more complete list. For instance, I would like to be able to
listen to TI security and other local stuff.

The last time I posted this request, a really nice guy called me and
told me about a BBS called Smoked Armadillo's. I called it and still
couldn't find a list. I found a couple of references for a Code 3
BBS and a Midnight Angel Express BBS (or something like that). I did
find a small list of some Addison frequencies, but I live in the
Garland/Rowlett area and would like those frequencies, primarily.

One person on a BBS mentioined a 200+ page book of DFW frequencies
that I could get at an un-named bookstore on the west side of Fort
Worth for $30. Does anyone know where in the Dallas/Garland area I
can get this book? I really don't want to spend an entire day driving
to FW for a frequency book (and spending $30 on it, to boot).

Any help would be greatly appreciated. If I get a good list, I will
post it to rec.radio.scanner, unless that's where I find it. :)

a T d H v A a N n K c S e

_____ _____ Ron Gregory
/_____\ /_____\ rgregory@dseg.ti.com
/ / ___ /_____ _____ / / _____/
/ / /_\/ /__________\ / / / /___\ Texas Instruments, Inc
/ / _ __// ___ // ___ / / / /__\/_ / __ Plano, TX
/ / / \ \ / /_\/ // / / / / / /_____/ / /_\
\/_/ ______//_/ \/_/ \/_____/ \/_/ (214) 575-4962
Not responsible for the actions of the spelling gremlins...
Opinions of the author are rarely those of TI.

1850. Questions about Radiopager Systems

Newsgroup: rec.radio.scanner
Date: 1994-03-18 21:29:34 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Mar18.212934.19902@alw.nih.gov>
Source record: 276317

I realize that this probably doesn't meet the charter of this newsgroup, but I figured that given the high density of radio geeks here, that this might be a good place to post.

Being a geek myself, I like pagers. I need to do a short paper for a Communications Engineering class that I'm taking, and I'd like to do one on the technical challenges that had to be overcome for the paging systems in use and how they work. I'm concerned, however, that all of this kind of info is proprietary and never leaves Motorola :-). I'm an image processing person, so I keep up with the pattern recognition, image processing, etc. journals, but have never read and communication systems journals.

In any case, if anyone can point me toward technical info (or tell me that I'm barking up a proprietary tree that I can't climb), I'd appreciate it.

Thanks,
Neil

p.s. -- If someone could suggest a better newsgroup, that's welcome, too.

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

1851. Re: 469.9875 MHz

Newsgroup: rec.radio.scanner
Date: 1994-03-18 21:48:22 UTC
From: msaran@pt.olympus.net
Message-ID: <2md7j6$pnn@olympus.net>
Source record: 276318

Although I can't find the slip of paper - I think that might be the freq. the some food stores are using to do inventory. A handheld unit is run across the bar-code and then the # of items on the shelf is keyboarded in. The unit sends the data to a computer in the back of the store.

-good luck
-m

--
Mark Saran
msaran@pt.olympus.net

1852. Re: Pro43 mod - does it work?

Newsgroup: rec.radio.scanner
Date: 1994-03-18 21:56:40 UTC
From: tharrell@nmsu.edu
Message-ID: <2md82oINNsn6@dns1.NMSU.Edu>
Source record: 276302

Jeff Brinskelle (brinskel@emr1.emr.ca) wrote:
: There are two pro43 cell. mods that I've seen. Who has attempted
: them and:

: - got it to work properly
: - couldn't get it to work.

: I'm a little hesitant since I spent all this money on it and enjoy
: getting the stuff I do.

: Just cautious.

: --
: --
: Deep Thoughts By Jack Handey
: I think someone should have had the decency to tell me the luncheon
: was free. To make someone run out with potato salad in his hand,
: pretending he's throwing up, is not what I call hospitality.
: --

Which mods?
--
T.J. Harrell III

"The crows seemed to be calling his name, thought Caw."
- Jack Handey

1853. ISO PRO-35 Mods

Newsgroup: rec.radio.scanner
Date: 1994-03-18 22:08:31 UTC
From: tony.blake@stpaul.ncr.com
Message-ID: <tony.blake.34.2D8A265E@stpaul.ncr.com>
Source record: 276304

Hi Guys,

Anyone know where I can find mods for the PRO-35?

I've already checked oak.oakland.edu with no luck.

Thanks,

Tony

==

Tony Blake KB0LXR DOD9045 AT&T Global Information Solutions
tony.blake@ccmsmtp.stpaul.ncr.com Network Products Division
(612) 638-7259 voice 2700 Snelling Avenue North
(612) 638-8173 fax St Paul, MN 55113-1784

Disclaimer: The smelling pistakes are all my own.
==

1854. Re: Pro-43 Memory expansion idea.dir

Newsgroup: rec.radio.scanner
Date: 1994-03-18 22:26:23 UTC
From: bbb@kuhub.cc.ukans.edu
Message-ID: <1994Mar18.162624.60661@kuhub.cc.ukans.edu>
Source record: 276324

In article <ross-170394174537@earl.llnl.gov>, ross@novax.llnl.gov (Gary Ross) writes:
> In article <1994Mar17.105241.60587@kuhub.cc.ukans.edu>,
> bbb@kuhub.cc.ukans.edu wrote:
>
> Stuff deleted.
>
>
>> Next one would have to insert
>> a DP-DT switch into the circuit that would switch the CS lines from
>> one pair of 93c67 to the other. This should allow me to have
>> 2 banks of 200 channels. The insertion of a switch, usable when it
>> all put back together, might be the most challenging part of this!
>
>> BB
>
> I think I read somewhere that the keyboard lock might be made useable for
> the chip select. I'll bet very few people actually use the keylock.

Outstanding idea! (Oh for the Net!)

I have on order some eeproms and 4053 to do the switching.
I should get them next week. I keep everyone posted as to how it goes.
BB

>
> Gary
>
>
> ---
> The ramblings expressed above do not reflect the opinions of LLNL.
>
> Gary Ross
> Lawrence Livermore National Laboratory NOVA Laser Operations
> P.O. Box 808, L-489 Ross@novax.llnl.gov
> Livermore, CA 94551 AOL: Rossman
>
>
>

1855. Re: Portable antennas???

Newsgroup: rec.radio.scanner
Date: 1994-03-19 00:10:29 UTC
From: drbranine@delphi.com
Message-ID: <9403181908591.drbranine.DLITE@delphi.com>
Source record: 276305

Do you know where I could purchase the "Austin Condor rubber duck" antenna by mail order? Thanks.

1856. Re: BC200XLT Extended Power

Newsgroup: rec.radio.scanner
Date: 1994-03-19 01:14:52 UTC
From: vanderby@mprgate.mpr.ca
Message-ID: <1994Mar19.011452.22914@mprgate.mpr.ca>
Source record: 276307

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>Its not a great idea to do this a lot, since charging a NiCad with pure DC is
>not too great for them (wall warts have slight AC ripple),

Misinformation alert! There is nothing wrong with pure DC for
charging Ni-Cads.

The GellCell idea is a good one. One of the advantages of the
Pro-43 is that is uses regular AA Ni-Cads. No rip-off prices
for battery packs. (Most battery packs contain AA Ni-Cads anyway,
at 2-3 times the price.)

1857. Re: Pro-2006 ; still modifiable? Any other source?M

Newsgroup: rec.radio.scanner
Date: 1994-03-19 04:51:29 UTC
From: karlm@rci.ripco.com
Message-ID: <CMwAtu.G6F@rci.ripco.com>
Source record: 276175

Les Butler (lbutler@umcc.umcc.umich.edu) wrote:
: Ok, first the 2006 can be modified for cellular in 2 minutes. First take
: off the two screws at the top rear of the case. Slide the cover back, un
: plug the speaker. Look behind the #3 on the keypad. You will see two
: glass diodes. Cut the lower one to restore cell, cut the top one to speed
: up to 30cps from 26cps. Turn the scanner on and program in 870-890 on one
: of the search banks. Hit reset and the 30Khz mode should light up on the
: display. Hit the arrow key and your searching.
: The Pro-43 is pretty easy to modify too. It will take a little longer
: because the whole radio needs to be dis-assembled but it really is easy.
: You can get better prices for either from Grove Enterprises (800)438-8155
: or Marymac (800)231-3680.....
: Les

As long as you are in there you might as well clip the upper diode (D503) and get a 4-6 channel/sec speedup in scan mode. It doesn't speed up search mode though. This won't affect any future mods you might want to do unlike adding a faster clock crystal will. It also doesn't affect the delay time. I found the slight speedup was just about all I need since I scan a lot of fairly active channels.

1858. does anyone have the freqs. for the nasa plane ?

Newsgroup: rec.radio.scanner
Date: 1994-03-19 07:08:05 UTC
From: mlyon@rahul.net
Message-ID: <CMwH5H.3Ju@rahul.net>
Source record: 276308

does any one have the freqs for the nasa airplane that left on friday to go check out the ozone?

thanx,
mlyon@rahul.net
--
Mike Lyon <mlyon@rahul.net>

1859. frequencies for Coralville, Iowa City...

Newsgroup: rec.radio.scanner
Date: 1994-03-19 10:11:33 UTC
From: vector@hotcity.COM
Message-ID: <vector.121t@hotcity.COM>
Source record: 276309

anyone have frequencies for the Iowa City and Coralville Iowa area? trying to gather up freqs for that area for a friend that lives up there. any responses will be greatly appreciated. please email. thanks.

greg

vector@hotcity.com

vector@hotcity.com

1860. Las Vegas NV frequencies / ctcss tones

Newsgroup: rec.radio.scanner
Date: 1994-03-19 10:13:21 UTC
From: vector@hotcity.COM
Message-ID: <vector.121v@hotcity.COM>
Source record: 276310

could anyone upload or mail me a list of these. tones as well would be
greatly appreciated, since i have equipment to decode. please email. thanks.

greg

vector@hotcity.com

vector@hotcity.com

1861. Re: BC200XLT Extended Power

Newsgroup: rec.radio.scanner
Date: 1994-03-19 12:39:46 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.38.000CAA0D@ccm.hf.intel.com>
Source record: 276190

In article <1994Mar19.011452.22914@mprgate.mpr.ca> vanderby@mprgate.mpr.ca (David Vanderbyl) writes:

>brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>>Its not a great idea to do this a lot, since charging a NiCad with pure DC is
>>not too great for them (wall warts have slight AC ripple),

>Misinformation alert! There is nothing wrong with pure DC for
>charging Ni-Cads.

It depends on what you mean by WRONG. True, there is nothing WRONG with pure DC, but it isn't the BEST way to charge nicads. A slight AC ripple helps to remove dendrites that can form on the plates and kill your cells (dendrites grow on the plates and eventually short out the cell, this is why people do battery "zapping"). A slight AC component is used in many commercial chargers because it helps remove gas bubbles that can form on the plates of wet or gel electrolyte cells (also known as "burping"). The electroplating process uses this method using offset AC to get a smooth hard plating.

Maybe I overstated the pure DC charging problem in my first post. There is nothing wrong with pure DC, but it isn't the BEST way to keep your Nicads in top shape.

Also, most battery packs are not AA. These are rarely used because you can get 3/4 AA that have the same performance and take up less space. Most Ham radios use little cells about an inch high and 3/4 of an inch wide. They sit sideways in the pack, not vetical like a AA would. I can't remeber their name.
Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1862. Re: where to buy crystals?

Newsgroup: rec.radio.scanner
Date: 1994-03-19 13:11:51 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CMwxzs.C3q@cbnewse.cb.att.com>
Source record: 276312

Scanner crystals cost $5 back 20 years ago, and they haven't
increased much in price since. That's pretty remarkable.

The only way you will get new scanner crystals for under $5 each
is though private deals. I bought 1,000 scanner crystals from
the estate of a person who owned a scanner sales & service shop.
I also buy scanner crystals in bulk at hamfests. (I don't often resell
crystals. I buy them for my own scanner collection.)

You must know what you're doing as crystals for Regency, Sonar,
and Bearcat are different and not directly interchangeable.

Expect to get some defective crystals, even if new.
I bought new crystals at Radio Shack a few months ago and one out of
three was bad. They were ordered through the local store and arrived
in one week.

Another scanner crystal source is:

Monitor Crystal Service, Inc.
124 W. Walnut PO Box 237
Watseka, IL 60970
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

1863. Re: Las Vegas NV frequencies / ctcss tones

Newsgroup: rec.radio.scanner
Date: 1994-03-19 16:26:04 UTC
From: cntrspy@netcom.com
Message-ID: <cntrspyCMx6zH.Bn@netcom.com>
Source record: 276313

Greg Stramback (vector@hotcity.COM) wrote:

Most of teh good stuff has gone to 800mhz trunked with Motorola
encryption.

: could anyone upload or mail me a list of these. tones as well would be
: greatly appreciated, since i have equipment to decode. please email. thanks.

: greg

: vector@hotcity.com

: vector@hotcity.com
--

--

Chris Hall
Operations Director
Executive Protection Associates, Inc.

1 Computer Nerd + 1 Computer = 3.5 Middle Managers
>>> Source: Harvard Business Review.....math for the 90's

Opinions Expressed are those of the author and NOT those of EPAI.

PGP Key available... If you ask nicely...

1864. Re: BC8500XLT (25-1300) READ!

Newsgroup: rec.radio.scanner
Date: 1994-03-19 16:36:58 UTC
From: philscott@delphi.com
Message-ID: <RY5t4va.philscott@delphi.com>
Source record: 276315

Would like to get info from you on how you did this wonderful thing.
I love my 8500, just put a CTCSS board in it that works great. Drop me
a line here or preferably at pscott@wellfleet.com
Thanks and way to go!

1865. Re: BC200XLT Extended Power

Newsgroup: rec.radio.scanner
Date: 1994-03-19 16:48:37 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2mfad5$ns0@samba.oit.unc.edu>
Source record: 276316

```
In article <2mcivf$c0@raven.dow.com>, Doug Hunter <dhunter@dow.com> wrote:
>Hello all,
>
>I would like to know how to keep a BC200XLT going after the
>rechargeable battery packs are used up. I have never seen any
>other sources for powering these other than the included batteries.
>I will be going on a long-distance train trip without a way to
>recharge the batteries.
>---
>*****************************************************
>* Doug Hunter "My views may not represent *
>* dhunter@dow.com those of my employer..." *
>*****************************************************
>
>

Of course you could just lug along a 12-volt car battery if they don't
have a lighter plug handy... Those big car batteries oughta have enough
juice in 'em to keep you scanning for a LONG time...

(remove tongue from cheek before continuing...)

Sherrod

--
-------------------------------------------------------------------------------
\ The above does not represent OIT, UNC-CH, laUNChpad, or its other users. /
-------------------------------------------------------------------------------
```

1866. MVT-7100D, shipping charges??

Newsgroup: rec.radio.scanner
Date: 1994-03-19 18:51:06 UTC
From: klimasewski@freebe.enet.dec.com
Message-ID: <CMxDuH.D5z@ryn.mro.dec.com>
Source record: 276319

I would like to buy the German modifeid MVT-7100D and would like to get an
idea of the shipping charges would be to Rhode Island.
thanks.
Ken

1867. March Popular Science - Groom Lake

Newsgroup: rec.radio.scanner
Date: 1994-03-19 20:25:49 UTC
From: hpeach@ca.uky.edu
Message-ID: <hpeach.89.00146EC5@ca.uky.edu>
Source record: 276182

Did anyone catch the March, 1994 Popular Science article on Groom Lake? Steven Douglass was not specifically mentioned, but it is the same site written about in Wired last month. They even gave the freq. used by the roadside sensors. Any thoughts/comments?

Harold
hpeach@ca.uky.edu

1868. Re: Wanted -- Channel <=> Freq for Aeronautical

Newsgroup: rec.radio.scanner
Date: 1994-03-19 21:07:17 UTC
From: us245566@cc025.mmm.com
Message-ID: <2mfpi5$mbo@dawn.mmm.com>
Source record: 276320

Kevin Anderson -7325 (gganderson@augustana.edu) wrote:
: Does someone have a digital (e-mail sharable) file showing
: the conversion table between frequency and channel for the
: Aeronautical bands? In particular I am interested in
: the navigation aspects (VOR,VORTAC).
:
: Thanks.
:
: Kevin
: *
: Kevin L. Anderson, Geography Dept., Augustana College
: Rock Island, Illinois 61201 USA phone: (309) 794-7325
: e-mail: gganderson@augustana.edu or kla@helios.augustana.edu
:
Kevin...

I'm new to this internet stuff so hope this message makes it to the news group.

The Freqs. you're looking for are between 108 and 116 Mhz. As a pilot I've never had to use the actual "channel" number. The Freqs. for the VOR or VORTAC station that is desired for navigation is simply dialed in (in Mhz) on the Nav radio in the airplane. Many scanners do not receive this portion of the aircraft band. I guess the manufacurers figure that there's nothing there to listen to. Weather conditions at the VOR/VORTAC site or nearest airport as wellas regional aircraft oriented weather forecasts and reports can often be heard.
Likewise, all voice traffic in the aircraft band (ATC) uses com freqencies in Mhz.

Hope this was of some help.

J. L. Gregg

1869. Another wideband scanner

Newsgroup: rec.radio.scanner
Date: 1994-03-19 21:20:55 UTC
From: schuster@panix.com
Message-ID: <2mfqbn$kqi@panix2.panix.com>
Source record: 276191

Jeff Goldman just sent me a spec sheet (in Japanese) for a new scanner from Nissei Electronics, manufacturer of the AOR AR1000. It's variously known as the Camnis HSC-050 or Trident TR-2400. The latter is apparently available from ACE Communications as we speak.

The Camnis appears to be a complete re-working of the AR1000, unlike the AR1500 which merely added a few features to a widely-criticized hardware/software design.

Basic specs: Covers 100 KHz - 2060 MHz continuous in channel steps from 1 to 999 KHz. AM/nFM/wFM/SSB modes; the latter uses an analog BFO like the AR1500 (sigh) so you can't store or scan SSB frequencies. 1000 memory channels, delay programmable between 1-12 seconds. All-or-none attenuator switch. Uses 4 AA cells like the AR1000. Scans at 20 channels/sec (which is what the AR1000 actually does, "rated speed" notwithstanding). Same basic footprint and appearance as the AR1000, including the blasted "Frankenstein knobs" on the sides.

The firmware has been re-written according to Jeff, and it is a lot simpler to program than previous AOR models. He should have one on Monday, so I can probably post how it compares to the Yupiteru MVT-7100.

NOTE: This is =NOT= the new AOR handheld (AR-8000) we've been hearing about. That radio is delayed for months, due to supply problems of a vital chip.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1870. exit

Newsgroup: rec.radio.scanner
Date: 1994-03-19 21:25:53 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Mar19.172134.1@cad3.uccb.ns.ca>
Source record: 276192

```
this is a test test
```

1871. test test

Newsgroup: rec.radio.scanner
Date: 1994-03-19 21:29:14 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Mar19.172446.1@cad3.uccb.ns.ca>
Source record: 276193

```
this is another test test
```

1872. Re: Stand by for tones

Newsgroup: rec.radio.scanner
Date: 1994-03-19 21:29:25 UTC
From: jamato@phantom.com
Message-ID: <2mfqrl$624@dockmaster.phantom.com>
Source record: 276195

The bridge goes between Brooklyn and Staten Island.

1873. PRO2006 $400 IN N.S. NEW

Newsgroup: rec.radio.scanner
Date: 1994-03-19 21:34:59 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Mar19.173022.1@cad3.uccb.ns.ca>
Source record: 276194

THIS IS MY FIRST TIME POSTING AND I DON'T KNOW IF I'M DOING IT RIGHT

THE PRO 2006 SCANNER IS ON SALE AT RADIO SHACKS HERE IN NOVA SCOTIA

FOR 399.95 CANADIAN!!

THIS IS AN EXCELLENT BUY.

BYE FOR NOW

1874. Looking for a cheap SW radio

Newsgroup: rec.radio.scanner
Date: 1994-03-19 21:38:16 UTC
From: walls@enuxsa.eas.asu.edu
Message-ID: <CMxLFs.1t8@ennews.eas.asu.edu>
Source record: 276321
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

I'd like some recommendations on a cheap SW receiver. I have to stay under $100 and I'd like to stay alot lower than that, say less than $50. I'd like to have digital tuning and (whatever technical words go here to mean "it receives real good").

I am a *complete* novice at SW and know absolutely nothing about the equipment or its cost. The only shortwave receivers I've ever seen are at Radio Shack.

Are the prices listed above reasonable or a pipe dream?
--
Gerald Walls (int_walls@ecc6.ateng.honeywell.com) (walls@enuxsa.eas.asu.edu)
EGS BBS Phone: 1-504-466-7887/1115 | Who is John Galt?
"Law-abiding adults should always be free to own guns to protect their homes."
- Bill Clinton

1875. Re: Pager net for Mich Scannists

Newsgroup: rec.radio.scanner
Date: 1994-03-19 22:22:10 UTC
From: mpage@netcom.com
Message-ID: <mpageCMxnGy.M75@netcom.com>
Source record: 276198

Les Butler (lbutler@umcc.umcc.umich.edu) wrote:
: There is a neat new service in the S.E. lower Mi area that is a must for
: all scanner nuts. It's called the Fire Notification Network of Michigan.
:
: What is it?

: It is a group (currently 230) of scanner freaks and news people who send
: out pages of major fires and police happenings on alpha numeric pagers.
: We list the radio frequency to tune to and a brief synopsis of whats
: happening. We have members of the media and police and firemen on our
: network as well as plain old scanner heads. We also are tied into fire
: pages from L.A. , Chicago and New York.

: This all can be yours for a one time fee of $10, $12/yr dues and
: $11.50/month for the service and pager. You may use the pager for
: personal use too. There are options available too, like voice mail and
: statewide coverage too(additional cost)
: Call Garry at the network (810)772-4423. Sign up today and enjoy the fun.

A little bit of informing (advertising in your form) is o-k, but it might be
better if you talk about the entire system (now 10-11 cities) instead of JUST
Michigan. I am sure that Gary would agree with this. Let's lighten-up a bit.

Tom (LA-1) FireNet, California
--

==
| Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436 | |
|===================================
	MEDIA PAGE
Internet: mpage@netcom.com	Breaking News Stories to
CIS: 71674,1610	the News Media since 1978
==

1876. Re: WANTED: DFW Scanner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-03-19 23:39:23 UTC
From: copeland@metronet.com
Message-ID: <CMxr1o.Aw7@metronet.com>
Source record: 276176

In article <CMvpA4.Bvy@skopen.dseg.ti.com>, Ron Gregory <rgregory@adr14> wrote:

> Please follow-up via e-mail to me.
>
>I am looking for a list of DFW scanner frequencies.
>
>rgregory@dseg.ti.com

I've got a REACT DFW listing, I tried to e-mail it, but your e-mail address bounces mail. It also didn't make it to dfw.forsale.

Its created by REACT. The version I have is from 1989, but still much better than Radio Shack book. Here is an excerpt from the listing.

"Requests for either version should be sent to Howell Consulting, c/o Dallas County REACT, Box 223955, Dallas 75222. Request for the Public version should include a self addressed stamped envelope capable of mailing a 8 1/2 X 11 computer printout. "

Here are the DFW BBS's that are supposed to carry it.

5th Dimension (214) 416-6382
ASSIST RBBS (214) 475-5282
Datalink (214) 340-5850
Phoenix North Mesquite (214) 681-9305
RF's & Lectron's (Met) 267-5880
Phoenix Shipyard (214) 686-1962
Phoenix Starship (Met) 261-6292
Texas Connection (Met) 540-1835

1877. Re: Pager net for Mich Scannists

Newsgroup: rec.radio.scanner
Date: 1994-03-20 00:45:53 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2mg6c1$t3e@umcc.umcc.umich.edu>
Source record: 276177

I see no need to lighten up. Since I was talking about our network and not slighting any others. Since I'm in the Mich net it's the only one I know any details of.

The point was to let it be known to other Michiganders and to possibly spur posts about other nets across the country. I see no need to attack my post or any others here for that fact, since it's a scanner forum and the pagers are related to the hobby. Sorry you missed the point and were offended.
Thanks, Les

1878. St. Louis scanner enthusiasts

Newsgroup: rec.radio.scanner
Date: 1994-03-20 02:39:19 UTC
From: WILSON@SLUVCA.SLU.EDU
Message-ID: <01HA63ULW4ZC8WZ0UR@SLUVCA.SLU.EDU>
Source record: 276178

I was just wondering if anyone out there is in St. Louis. I'm looking into possibly setting up a database for local frequencies in the city and county. However, if anyone already has one (or just a standard text file) with any of these frequencies I'd like to know about it.
If you have anything, send it my way if you could. I'd really appreciate it! thanks...

Mike Wilson COM-ASEL
Spirit of St. Louis MO.
Email: Internet--wilson@sluvca.slu.edu ----------
Compuserve--75163,45

1879. Who was looking for the CBS freqs?

Newsgroup: rec.radio.scanner
Date: 1994-03-20 02:41:10 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar19.214110.1@uoft02.utoledo.edu>
Source record: 276179
Cross-posted to: alt.radio.scanner,rec.radio.scanner

To the person requesting freqs for CBS at the NCAA tournment:

I have a listing of some CBS freqs, but my newsreader won't let me read your post now to get your email address! Email me to get the list!

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1880. Pro-43 D4 diode!

Newsgroup: rec.radio.scanner
Date: 1994-03-20 03:08:01 UTC
From: surprenc@JSP.UMontreal.CA
Message-ID: <CMy0pF.rz@cc.umontreal.ca>
Source record: 276180

Hi,

Anyone know what is the part number of this diode, or whatever info I need
to buy one?

This is the surface mount diode one have to take off to restore cell freq.
on the pro-43.

Is there a list of all the mods availables for the pro-43?

Thanks,

--

Colin Surprenant	galaad@pubnix.qc.ca
514-849-0948	------------------------
Montreal, Quebec	surprenc@jsp.umontreal.ca

Real user of a Free UN!X - NetBSD.

1881. Re: WANTED: DFW Scanner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-03-20 03:23:08 UTC
From: copeland@metronet.com
Message-ID: <CMy1EL.B3@metronet.com>
Source record: 276181

I looked into the phone numbers I previously posted while looking for the new REACT freq listing for DFW. They are all outdated.

There isn't even a newer REACT list since 1989. But the 1989 list can be gotten from DATALINK at 1-214-394-7438. Its called DFWFREQ.TXT

Its still better than the new Radio Shack catalog that covers DFW.

1882. need Javitron address

Newsgroup: rec.radio.scanner
Date: 1994-03-20 05:05:18 UTC
From: baxter@kuhub.cc.ukans.edu
Message-ID: <1994Mar19.230518.60703@kuhub.cc.ukans.edu>
Source record: 276183

I have a friend going to England, and I was going to have him look at the Yuperton 7100. However, I've lost the address for Javiton (sp?), and would greatly appreciate it if someone on the net could post their address and phone (if you've got it).

Also, I saw mention of a MVT-7100D. What is the "D" model, and how does it differ?

1883. Re: Pro-2006 ; still modifiable? Any other source?M

Newsgroup: rec.radio.scanner
Date: 1994-03-20 05:47:25 UTC
From: mason4@server.uwindsor.ca
Message-ID: <CMy831.JrJ@uwindsor.ca>
Source record: 276184

In article <CMwAtu.G6F@rci.ripco.com> karlm@rci.ripco.com (Karl Meyer) writes:
>Les Butler (lbutler@umcc.umcc.umich.edu) wrote:
>: Ok, first the 2006 can be modified for cellular in 2 minutes. First take
>: off the two screws at the top rear of the case. Slide the cover back, un
>: plug the speaker. Look behind the #3 on the keypad. You will see two
>: glass diodes. Cut the lower one to restore cell, cut the top one to speed
>: up to 30cps from 26cps. Turn the scanner on and program in 870-890 on one
>: of the search banks. Hit reset and the 30Khz mode should light up on the
>: display. Hit the arrow key and your searching.
>: The Pro-43 is pretty easy to modify too. It will take a little longer
>: because the whole radio needs to be dis-assembled but it really is easy.
>: You can get better prices for either from Grove Enterprises (800)438-8155
>: or Marymac (800)231-3680.....
>: Les
>
>As long as you are in there you might as well clip the upper diode (D503) and
>get a 4-6 channel/sec speedup in scan mode. It doesn't speed up search mode
>though. This won't affect any future mods you might want to do unlike adding a
>faster clock crystal will. It also doesn't affect the delay time. I found the
>slight speedup was just about all I need since I scan a lot of fairly active
>channels.
>

I've been seeing a lot of posts about an "april cutoff". Does this mean
that after april the PRO-2006 won't be the same? Will the diodes still
be able to removed easily? Also, does this april cutoff apply in Canada,
and what day of april does this go into effect. I don't have the cash
to buy this scanner yet, so I want to know how drastically I'll have to
budget myself! :-)

Chris

1884. Re: need Javitron address

Newsgroup: rec.radio.scanner
Date: 1994-03-20 11:31:04 UTC
From: schuster@panix.com
Message-ID: <2mhc5o$e6q@panix2.panix.com>
Source record: 276202

In article <1994Mar19.230518.60703@kuhub.cc.ukans.edu>,
<baxter@kuhub.cc.ukans.edu> wrote:
>I have a friend going to England, and I was going to have him look at
>the Yuperton 7100. However, I've lost the address for Javiton (sp?), and
^^^^^^^^ ^^^^^^^
do you mean YUPITERU? do you mean JAVIATION?

>would greatly appreciate it if someone on the net could post their address
>and phone (if you've got it).
>
>Also, I saw mention of a MVT-7100D. What is the "D" model, and how does it
>differ?

Javiation
Carlton Works, Carlton Street
Bradford, West Yorkshire
BD7 1DA England

Voice: 011-44-274-732146
Fax: 011-44-274-722627

The proprietor, Jonathan Clough, can be reached by email at
clough@javiaton.demon.co.uk or 100117.535@CompuServe.COM

The "MVT-7100D" is a name given by Bogerfunk, in Germany, for their
modified MVT-7100. They add a (supposedly) 2.3 KHz filter for AM mode,
designed for shortwave use, that you switch in using the keylock switch.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1885. ICOM R-7100 Receiver For Sale

Newsgroup: rec.radio.scanner
Date: 1994-03-20 14:58:50 UTC
From: andre@blade.enet.dec.com
Message-ID: <2mhoba$90h@jac.zko.dec.com>
Source record: 276203

ICOM R-7100 all-mode wideband receiver For Sale
==========

Features:

. 25 to 2000 Mhz continuous coverage! Allows you to receive VHF, UHF, amateur, marine, CB, utility bands, FM and TV broadcasts and lots more.

. All-mode capability: AM, FM, NFM, WFM, USB, LSB

. 900 memory channels in 9 banks.

. Any channel to be assigned to any one of ten "classes". Channels can be scanned by channel across all banks or within a selected bank.

. Channels can be scanned by mode (AM, FM, NFM, WFM, USB, LSB).

. Two "windows" allow a different type of scan in each window.

. 20 Scan edge memory channels (10 low/high pairs).

. Dual scan with over 40 combinations.

. Exceptional sensitivity and reliable frequency stability.

. 0.1, 1, 5, 10, 12.5, 20, 25, 100 Khz and 1 Mhz tuning steps availible.

. Effective 20 dB attenuator for strong signals.

. Built-in 24 hour system clock with 5 ON/OFF timers.

. Automatic recording; important programs can be caught away from receiver.

. Dial lock function.

. Noise and S-meter squelches.

. CI-V system for computer control through optional CT-17.

. Frequency announcement in English with optional UT-36.

. Large function display with selectable LCD backlighting brightness.

. Easy-to-read S-meter plus FM center indicators.

. AC and DC power operation.

I no longer have the time to use this unit (can you say "kids"? %^) and it essentially sits idle 98% of the time.

This unit is two years old and in brand-new condition; it never left the house. The current discount mail-order price for this unit is $1250. I'm selling mine for $999 firm.

This receiver is located in New Hampshire. Buyer pays for non-local sales. Interested or have questions? Contact me at:

Contact: Andre' St. Laurent
andre@blade.enet.dec.com
Work/Day: 603-881-1560
Home/Night: 603-434-5094

1886. Squelch turned up at RS

Newsgroup: rec.radio.scanner
Date: 1994-03-20 16:27:55 UTC
From: gdallal@world.std.com
Message-ID: <CMz1qK.C90@world.std.com>
Source record: 276205

So I'm in Radio Shack getting a PRO-43 and I mention to the salesman that I was please to learn that, when the unit was modified, low FM was restored along with everything else. His reaction was on the order of, "Neat. That's nice to know." Either he wasn't aware that was the case or he was following the salesman's first axiom of making the customer feel as pleased about a purchase as possible.

One of the other salesmen at the counter looks real nervous, turns to my salesman and says something on the order of, "Hey! Remember, we can't talk about that" to which my salesman and I reply that we're only talking about low FM. This does *not* make the other guy look any more comfortable; in fact, he looks like he's waiting for the wrath of God to be felt. It seems that Radio Shack has issued a bulletin to all employees forbidding them to talk about scanner modifications to receive cellular under the penalty of termination.

BTW, I'm not being critical of RS for the directive. They don't need the grief if someone goes after them on trumped up charges . . . again. (Didn't they pull most of their scanners from New Jersey last year after the state claimed that cellular images were appearing around 450 Mhz in the less expensive units?)

1887. Re: MVT-7100 problems with 476 Mhz.

Newsgroup: rec.radio.scanner
Date: 1994-03-20 16:39:09 UTC
From: Henry@g0gku.demon.co.uk
Message-ID: <764181549snz@g0gku.demon.co.uk>
Source record: 276185

In article <2lqtpk$e76@panix2.panix.com>
schuster@panix.com "Michael Schuster" writes:

> >Does anyone have a similar problem with this radio? Last night I
> >compared it side by side with the PRO-37 that I sold to help pay for
> >this puppy, and it was fine while the Yup was dying!
>
> I posted about this problem in March 1993.
> I was almost ready to return it ... but I figured its
> positive attributes outweighed the negatives, and I could always listen to
> NYPD on a $75 Bearcat.

Mike, good to see you on here, again.
How about. At that frequency, what's the image? One could possibly tune
there.
I can't remember, though what the if is on those frequencies.
Guess is, though won't be a heck of a lot of differences on the image.>
--
Henry Brugsch
aka hbj elsewher, CIS: 75366.317.com
hbj@bix.com, Moderator of adaptive.tech conference, bix
telnet and internet connectivity $13 per month
(Join adaptive.tech) for info on adaptive tech for disabilities
telnet x25.bix.com
The freedom of information is a right not a privilege.

1888. Re: Pro-43 D4 diode!

Newsgroup: rec.radio.scanner
Date: 1994-03-20 16:43:33 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Mar20.114333.2090@hnrc.tufts.edu>
Source record: 276186

In article <CMy0pF.rz@cc.umontreal.ca>, surprenc@JSP.UMontreal.CA (Surprenant Colin) writes:
> Hi,
>
> Is there a list of all the mods availables for the pro-43?
>

Mods have been moved from ftp.std.com to oak.oakland.edu
look in /pub/hamradio/mods/tandy
use mget to get a bunch of short pro43*.* files which duplicate
much of their content with each other.

1889. Testing

Newsgroup: rec.radio.scanner
Date: 1994-03-20 16:57:00 UTC
From: alan.ford@portofc.org
Message-ID: <1003.487.uupcb@portofc.org>
Source record: 276187

I have just joined usenet and want to see it everything
is working OK (from my side).

___ Blue Wave/QWK v2.12

1890. Re: Interfacing PRO-2006 to communications receiver (info. wanted)

Newsgroup: rec.radio.scanner
Date: 1994-03-20 17:51:55 UTC
From: rpetteng@pipeline.com
Message-ID: <2mi2fr$gi8@pipeline.com>
Source record: 276188

gkd@wpi.WPI.EDU (Gregory K Doerschler) wrote:

>I am looking for details of the modification to the
>PRO-2006 scanner which allows its IF output to be
>connected to a communications receiver for SSB
>reception. Replies appreciated; either posting or
>e-mail is fine.

Bill Cheek's Scanner Modification Handbooks cover this.

Roger

rpetteng@pipeline.com

1891. Cellular Freqs

Newsgroup: rec.radio.scanner
Date: 1994-03-20 17:59:00 UTC
From: johnr@ms.uky.edu
Message-ID: <2mi2t4$qlu@s.ms.uky.edu>
Source record: 276189

I have a Kenwood TH78A and have been contemplating plugging in all the cellular freqs for my area so that I don't have to do limited band scans when looking for cellular calls.

Does anyone have a list of the frequencies for all the different cells? How would I figure out which cells in my area are in use (listen I assume). Is it practical to type in all the freqs for a particular area?

Thanks,
John
--
-=+ John S. Roberts KD4UBM Work: (606)257-2900 FAX: 257-1978 NeXTMail +=-
-=+ 104 McVey Hall 00451 Home: 272-1417 FAX/Data: 272-7105 DoD PGP +=-
-=+ University of Kentucky E-Mail: johnr@mik.uky.edu Packet: KD4UBM@N6QMY +=-
-=+ Lexington, KY 40506 http://www.uky.edu/People/johnr/john.html +=-

1892. PRO-43 MOD...

Newsgroup: rec.radio.scanner
Date: 1994-03-20 19:39:00 UTC
From: derek.buchler@channel1.com
Message-ID: <40.1344.2433.0NE184C3@channel1.com>
Source record: 276213

In a message on 03/20/94, RAINEY@VAX.SONOMA.EDU said to ALL
References: <1994Mar15.233032.1@vax.sonoma.edu>

RR> Could some one post the +200 channel MOD for the PRO-43, or send
RR> them to me... I would appreciate any help...

Excuse me but this is news to me. If it is not posted publicly,
forward me one as well. I never heard of the mod to increase the
channels on the PRO-43.

Derek
* RM 1.3 00223 * Documentation: Manufacturer's OPINION of how to do things.

1893. Re: Who was looking for the CBS freqs?

Newsgroup: rec.radio.scanner
Date: 1994-03-20 21:29:46 UTC
From: warren@bluesky.com
Message-ID: <2mif8a$7ue@pdx1.world.net>
Source record: 276196
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Mar19.214110.1@uoft02.utoledo.edu>
cscon0151@uoft02.utoledo.edu writes:

> I have a listing of some CBS freqs, but my newsreader won't let me read your
> post now to get your email address! Email me to get the list!

Could you post the list here too? Thanks!

1894. UK (London) Fire REQ.

Newsgroup: rec.radio.scanner
Date: 1994-03-20 21:37:20 UTC
From: telstat401@delphi.com
Message-ID: <Jc1P4Do.telstat401@delphi.com>
Source record: 276197

Recently, several of our UK correspondants were kind enough to post police, traffic and other useful freqs for the London area.

Could anyone find a moment to list fire, rescue and other P/Service channels for the capital and outher outlying areas? (I'm particularly interested in N. of Kings Cross, but, with tourism season starting, I'm sure others may be interested in the West End, City etc.
Thanks a lot!

de Jack KW5A

1895. RE: Scanner with wide IF?

Newsgroup: rec.radio.scanner
Date: 1994-03-20 22:46:44 UTC
From: "Scudder, James" <AE85@ACADEMIC.NEMOSTATE.EDU>
Message-ID: <20MAR94.18121298.0074@ACADEMIC.NEMOSTATE.EDU>
Source record: 276199

In article <CMptDA.H9o@bbc.co.uk> boyer@rd.eng.bbc.co.uk (John Boyer) writes:
>
>Is there a scanner with a wide IF that will cover 137MHz? IF needs to be
>30 to 50kHz.
>
>John B
>john.boyer@rd.eng.bbc.co.uk
>
>.
John Hoot of SSC in San Clemente CA USA wrote an article some
time back in 73 magazine about modifying an ordinary scanner to
have such a bandwidth. SSC sells a bearcat scanner already modified
for the 30-50 khz IF for about $150. You might try contacting them
at 150 Avenida Cabrillo, San Clemente, CA 92672 or at their BBS at
619-259-5554 or by telephone at 714-498-5784.
I have been using one of their WEFAX converters with a
Bearcat handheld scanner with no modifications. The results are
not too bad, but I would like to hear what kind of results are
possible with a receiver with the correct IF bandwidth.

James Scudder
WB0RPS
ae85%nemomus.bitnet@academic.nemostate.edu
>.

1896. Re: MVT-7100 problems with 476 Mhz.

Newsgroup: rec.radio.scanner
Date: 1994-03-20 23:48:35 UTC
From: schuster@panix.com
Message-ID: <2mincj$5m9@panix2.panix.com>
Source record: 276200

In article <764181549snz@g0gku.demon.co.uk>,
Henry Brugsch <Henry@g0gku.demon.co.uk> wrote:

>Mike, good to see you on here, again.
>How about. At that frequency, what's the image? One could possibly tune
>there.
>I can't remember, though what the if is on those frequencies.
>Guess is, though won't be a heck of a lot of differences on the image.>

Hello again Henry!

The problem is that images of paging transmissions leak into many
frequencies between 476-477 MHz, even with no antenna connected.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1897. Re: Langley AFB freqs

Newsgroup: rec.radio.scanner
Date: 1994-03-20 23:54:41 UTC
From: info@paradigm-shift.com
Message-ID: <2mino1$e5l@inxs.concert.net>
Source record: 276207

In article <9403172127.AA27250@batcave.larc.nasa.gov>
mekkes@batcave.larc.nasa.gov (Greg Mekkes) writes:

> SECURITY

> 163.4875 - Base police / CSC (guard alert aircraft)
> 163.5125 - Base police / Law enforcement

These two frequencies are transposed....Law Enforcement is on .4875 and
Security runs on .5125 (most LE squadrons are on .4875 throughout the Air
Force).

Dave Briggman, Former 1SPS, Law Enforcement, Langley AFB, Virginia

--
Paradigm Shift, Inc. info@paradigm-shift.com
A NeXTSTEP-only Reseller 919.682.8553 [Voice]
Hardware, Software & Peripherals 919.682.1126 [Fax]

***** INSTANT APPROVAL ON POs ORIGINATING FROM SCHOOLS and GOVT. AGENCIES *****

1898. RS Cell-Like Mobile Antenna

Newsgroup: rec.radio.scanner
Date: 1994-03-21 01:42:02 UTC
From: tstader@aol.com
Message-ID: <2miu1a$2mn@search01.news.aol.com>
Source record: 276201

Eric... I bought one of those little hummers... and stuck it on the side-window of my Chevy Blazer which is tinted. The response for a "unity" gain antenna was what I expected for high-band VHF and up but was miserable for the low-band VHF freqs.

I went back to the mag mount RS one... with a noticable difference!

73 for now.... c u on the shortwaves
Terry Stader - KA8SCP
America Online Ham Radio Club Host
Internet: tstader@aol.com (files <28K) or
p00489@psilink.com (files >28K)

1899. San Francisco PD miscellany

Newsgroup: rec.radio.scanner
Date: 1994-03-21 04:19:30 UTC
From: msattler@netcom.com
Message-ID: <msattlerCMzyoI.348@netcom.com>
Source record: 276215

The following information was received today (13 Mar 94) via
FAX from the San Francisco Police Department Communications
section. All errors are my own.

Comments? msattler@jungle.com

Police stations:
A - Central
B - Southern
C - Potrero
D - Mission
E - Northern
F - Park
G - Richmond
H - Ingleside
I - Taraval
J - Tenderloin Task Force

Police Frequencies:
PIC #1 460.225 G, H, I
PIC #2 460.125 C, D
PIC #3 460.500 A, B, J
PIC #4 460.075 E, F
PIC #5 460.450 tow desk
PIC #6 460.350 admin
PIC #7 460.525 PT&T (Parking, Traffic & Tickets)
PIC #8 460.550 traffic, MUNI, narcs, vice
PIC #9 460.025 CLEMARS

Note: portable UHF radios transmit 5 mhz higher on all duplex
frequencies (PIC #1 through #9)

Police Unit Designators:
1 - administrative
2 - technical services
3 - patrol
4 - special operations
5 - investigations

Units are referred to as [designator][station][sector], as
in 3B40.

San Francisco Police Department
Radio Code

FCC callsign: KMA438
doc. ver. SFPD 2 (8/86)

--
NOTES:

1) Radio Code Modifiers
a) RED - felony want or record
b) X - female subject
c) J - juvenile subject

2) Location must be specified by units for the following codes:
10-7, 10-8F, 10-28, 10-29, 10-96, 10-98, 406, 407, 408,
409, 531, 585

3) Units are considered 10-8 while on the following:
527, 585, 587, 596, 901, 902, 904, 905

4) * denotes a new radio code, or one whose meaning has changed
since the last revision.
--

Code 3 * emergency response
Code 4 no further asst. req d. - specify reason
Code 33 clear channel for emergency
10-1 receiving poorly
10-2 receiving well
10-4 message rec d.
10-7A * out of service (administrative)
10-7B * out of service (beginning of watch)
10-7C * out of service (court)
10-7E * out of service (end of watch)
10-7F * out of service (follow-up)
10-7G * out of service (gas/garage)
10-7I * out of service (investigation)
10-7M * out of service (meal)
10-7R * out of service (radio shop/range)
10-7S * out of service (station)
10-7T * out of service (traffic control/training)
10-8 in service
10-8F in service (foot patrol)
10-9 repeat last message
10-13 advise condition at scene
10-20 location
10-22 cancel
10-23 standby temporarily
10-25 * respond as back-up (specify units & codes)
10-28 vehicle registration info.
10-29 warrant and record check
10-30 wanted person or vehicle
10-31 person has arrest record

10-32 person or vehicle not wanted
10-34 confidential info. follows
10-35 consent to search
10-36 emergeny notification
10-43 * Intelligence Div. interested
10-96 undercover surveilance area - marked units keep out
10-97 arrived at scene
10-98 enroute to new location, present assignment
100 alarm (silent or audible)
148 * resisting arrest
152 * drunk driver
187 * homicide
207 * kidnapping
211 robbery
212 strongarm robbery
213 purse snatch
216 * shots fired
217 shooting
219 stabbing/cutting
221 person with gun
222 person with knife
240 assault/battery
245 * aggravated assault/ADW
261 sexual assault/rape
288 sexual assault, victim under 15 y/o
311 indecent exposure
400 demonstration/pickets
404 riot
405 citizens holding prisoner
406 * officer need emergency help
407 * prisoner transport
408 ambulance
409 tow-truck
410 requested assistance responding
415 noise complaint
416 * citizen standby
417 person ringing doorbells
418 * fight or dispute, no weapons
419 * fight with weapons, specify
420 juvenile disturbance
459 burglary
470 * fraud
487 grand theft
488 petty theft
496 * stolen property receiving
518 veh. accident, non-injury
519 veh. accident with injury
520 * aided case
527 bonfire

528 fire
529 explosion
530 bomb threat
531 suspected explosive device found
585 traffic stop
587 parking violation
588 * driveway violation - tow
594 * malicious mischief (vandalism)
595 * malicious mischief (grafitti)
596 abandoned vehicle
600 roadblock
601 * trespassers
602 person breaking in
603 prowler
647B * prostitute
650 * threats
799 senile person
800 mentally-disturbed person
801 person attempting suicide
802 coroner's case
806 juvenile beyond parental control
807 missing juvenile
809 missing person
811 intoxicated person
819 rolling of intoxicated person
851 stolen vehicle
852 auto boost/strip
853 recovered stolen vehicle
901 call station (or other location)
902 return to station
904 * meet with officer, non-emergency
905 * meet with City or public service empl.
909 citizen requests interview
910 check on well-being
911 broken window
912 person dumping rubbish
913 complaint unknown
914 person down
916 suspicious person in vehicle
917 suspicious person
918 person screaming for help
5150 * mental-health detention

--

----------+----------+----------
Michael Sattler, KE6DZF | All that is required | Encrypt now; ask me how.
Digital Jungle Software | for evil to triumph | Finger for PGP key.
msattler@jungle.com | is for {wo}men of good | GCSy+n+f+g+t+d--p--c++u+

+1.415.621.2903 | will to do nothing. | e+m++s++/rhw!l

--

----------------------+----------------------+---------------------------
Michael Sattler, KE6DZF | All that is required | Encrypt now; ask me how.
Digital Jungle Software | for evil to triumph | Finger for PGP key.
msattler@jungle.com | is for {wo}men of good | GCSy+n+f+g+t+d--p--c++u+
+1.415.621.2903 | will to do nothing. | e+m++s++/rhw!l

1900. Re: BC200XLT Extended Power

Newsgroup: rec.radio.scanner
Date: 1994-03-21 07:10:38 UTC
From: msaran@pt.olympus.net
Message-ID: <2mjh9e$pea@olympus.net>
Source record: 276204

So I don't get it - take along the wall charger - of course rooms have 110 - even if you don't have one of their expensive, small rooms every car has 110 for cleanup.

Good luck finding the best chair

-m
--
Mark Saran
msaran@pt.olympus.net

1901. Difference between cordless phone and cellular phone?

Newsgroup: rec.radio.scanner
Date: 1994-03-21 08:18:28 UTC
From: mslee@archi.snu.ac.kr
Message-ID: <1994Mar21.081828.20432@news.snu.ac.kr>
Source record: 276227
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner

I think cellular phone is something like the repeater-aided communication
in amateur radio.
so, what is the uplink/downlink frequency (or what the magic is that)?

and one more question:
In cellular phone, I can hear his or her voice as well as mine,
What makes it possible?

Minsuk Lee (HL1ITJ)
mslee@archi.snu.ac.kr

1902. Re: Pro-2006 ; still modifiable? Any other source?M

Newsgroup: rec.radio.scanner
Date: 1994-03-21 08:30:59 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.41.00088474@ccm.hf.intel.com>
Source record: 276210

In article <CMy831.JrJ@uwindsor.ca> mason4@server.uwindsor.ca (Mason Chris L) writes:

>I've been seeing a lot of posts about an "april cutoff". Does this mean
>that after april the PRO-2006 won't be the same? Will the diodes still
>be able to removed easily? Also, does this april cutoff apply in Canada,
>and what day of april does this go into effect. I don't have the cash
>to buy this scanner yet, so I want to know how drastically I'll have to
>budget myself! :-)

>Chris

My guess is that there will be no more diode (if they continue to sell the
2006). The code stored in the microprocessor will probably be changed such
that diode, or no diode, cell coverage will not be tuneable.

Legally, Canada is not affected by this Congressional ruling, but it is
possible that economic factors cause Tandy to only make a single model for all
countries. That would be unfortunate. I'm sure they still have lots of the
old microprocessors, so the cellular-modifiable units should be available for
a while in other countries. This is just speculation on my part however.

PRO means good, CON means bad. If PROgress means moving forward, then
what does CONgress mean? (I think we all know)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1903. Re: Looking for a cheap SW radio

Newsgroup: rec.radio.scanner
Date: 1994-03-21 08:57:45 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.42.0008F6AE@ccm.hf.intel.com>
Source record: 276230
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <CMxLFs.1t8@ennews.eas.asu.edu> walls@enuxsa.eas.asu.edu (Gerald R. Walls) writes:

>I'd like some recommendations on a cheap SW receiver. I have to stay under
>$100 and I'd like to stay alot lower than that, say less than $50. I'd like
>to have digital tuning and (whatever technical words go here to mean "it
>receives real good").

>I am a *complete* novice at SW and know absolutely nothing about the equipment
>or its cost. The only shortwave receivers I've ever seen are at Radio Shack.

>Are the prices listed above reasonable or a pipe dream?

There is considerable discussion to this topic on rec.radio.shortwave but a short answer is that for $50 to $100 you will only be able to listen to the big powerhouse stations like BBC or CSM. These cheap radios don't have the filters or sensitivity to pick up weak stations. For a real cheap one I think the DAK 3000 model is rated pretty good. The Radio Shack models are made by Sangean (or whoever makes Sangean) and are decent radios.
There is a guy who posts a very long list of radio reviews. If you don't see it over there, I think I could send you a copy (about 3 months old).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1904. Re: BC560XLT & RS PWR SUPLY = NO TONES????

Newsgroup: rec.radio.scanner
Date: 1994-03-21 09:14:45 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.43.00093F39@ccm.hf.intel.com>
Source record: 276212

In article <2mkalc$fht@cronkite.ocis.temple.edu> camter28@astro.ocis.temple.edu (-=FOOBARF=-) writes:

> hmm, here is an interesting one for yall..

>i just bought a 12 volt rs regulated power supply and plugged it into
>my bearcat 560xlt which has worked flawlessly for its lifetime in my
>house. I have a tone board installed and all the proper tones plugged
>into it.
> the scanner came with it's own power adapter which is 13.5 or whatever
>volts and plugs into the back. same as auto voltage. (12 essentially)
> when it's own power supply is on, the audio is crystal clear.
>when I put it on my 12 volt regulated pwr supply, it sounds a little muffled
>and guess what, the tones don't work any more. it stops to check them,
>but then continues scanning as if the pl tone is wrong.

> any ideas? (simple solution don't use rs pwr supply)
>but I am interested as to why this occurs.

>thanks

The 560XLT requires about 500mA of current. The RS supply you are using is probably about 300mA. This does not give the scanner's circuits enough juice to operate properly. When matching an external power supply to equipment, you need to make sure it has the same voltage as required by the equipment AND that the supply has a current rating of AT LEAST what the equipment requires.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1905. Re: St. Louis scanner enthusiasts

Newsgroup: rec.radio.scanner
Date: 1994-03-21 13:19:21 UTC
From: wbloss@delphi.com
Message-ID: <pU0OoHp.wbloss@delphi.com>
Source record: 276206

<WILSON@SLUVCA.SLU.EDU> writes:

>I was just wondering if anyone out there is in St. Louis. I'm looking
>into possibly setting up a database for local frequencies in the city
>and county. However, if anyone already has one (or just a standard text

Hello Mike,
I'm in St. Joseph, but you have a fine person in St Louis who handles
the Police freq's in the area. He is Mike Redman, PO Box 16673, 63105.
He is a dispatcher, and does informal coordination for th various
municipalities. He is also the State anf Area asociate editor for
the RCMA, something to whoch I would solicit your membership!!
Drop him a note...sorry I have no phone.

Wally Bloss
WB0BAV

1906. BC560XLT & RS PWR SUPLY = NO TONES????

Newsgroup: rec.radio.scanner
Date: 1994-03-21 14:23:39 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2mkalc$fht@cronkite.ocis.temple.edu>
Source record: 276208

hmm, here is an interesting one for yall..

i just bought a 12 volt rs regulated power supply and plugged it into
my bearcat 560xlt which has worked flawlessly for its lifetime in my
house. I have a tone board installed and all the proper tones plugged
into it.
the scanner came with it's own power adapter which is 13.5 or whatever
volts and plugs into the back. same as auto voltage. (12 essentially)
when it's own power supply is on, the audio is crystal clear.
when I put it on my 12 volt regulated pwr supply, it sounds a little muffled
and guess what, the tones don't work any more. it stops to check them,
but then continues scanning as if the pl tone is wrong.

any ideas? (simple solution don't use rs pwr supply)
but I am interested as to why this occurs.

thanks

]

1907. PRO-43 low FM mod: works?

Newsgroup: rec.radio.scanner
Date: 1994-03-21 15:31:17 UTC
From: gdallal@world.std.com
Message-ID: <Cn0ts6.KH0@world.std.com>
Source record: 276209

You've heard the expression "black thumb" with regard to gardening? Well, if there's such a thing as a "black soldering iron", that's me. So, I decided to have someone with experience do my PRO-43 mod for me. I called Cellular Security Group which advertises in Monitoring News and asked them if their mod included moving the diode to restore low FM coverage.

Their response was that they don't do that particular modification because it isn't effective. Apparently it's only part of a process that would require modifying 6 other components. While the mod would let you enter the frequencies, the wideband TV would interfere with listening to broadcast low-band FM.

Would someone with some experience with the low FM modification please comment? I am not an electronics technician so I may have misstated CSG's opinion slightly, but I think I've included all the key words and phrases, although perhaps not in the right order or connected properly.

1908. Re: PRO-43 low FM mod: works?

Newsgroup: rec.radio.scanner
Date: 1994-03-21 16:40:22 UTC
From: MCRoss@Haverford.edu
Message-ID: <MCRoss-210394114022@s146.stokes.haverford.edu>
Source record: 276233

In article <Cn0ts6.KH0@world.std.com>, gdallal@world.std.com (Jerry Dallal) wrote:

> You've heard the expression "black thumb" with regard to
> gardening? Well, if there's such a thing as a "black
> soldering iron", that's me. So, I decided to have someone
> with experience do my PRO-43 mod for me. I called Cellular
> Security Group which advertises in Monitoring News and asked
> them if their mod included moving the diode to restore low FM
> coverage.
>
> Their response was that they don't do that particular
> modification because it isn't effective. Apparently it's only
> part of a process that would require modifying 6 other
> components. While the mod would let you enter the
> frequencies, the wideband TV would interfere with listening to
> broadcast low-band FM.
>
> Would someone with some experience with the low FM
> modification please comment? I am not an electronics
> technician so I may have misstated CSG's opinion slightly, but
> I think I've included all the key words and phrases, although
> perhaps not in the right order or connected properly.

I had been having some trouble receiving the local fire frequency, 33.7MHz, with the scanner stopping scanning, but usually not breaking squealch. I often locked it out just because it was annoying. After I did the cellular and low band mod, I realized that I was getting a lot of images from channel 3, one of which is a few KHz above 33.7. Although it wasn't until I was able to actually tune to channel three that I realized what the problem was, I definitely feel that it has gotten worse. Now I can pick up distorted broadcasts instead of just a random signal. I have considered opening the thing back up and remod'ing the thing, but I don't know if it is worth the risk again. I have never listened to anything in the range, but I did find some digital signals in the little mini land band that is in there somewhere.

Has anyone else had any problems with the mod?

BTW, the Cellular part works great.

Michael

1909. Indy Car Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-03-21 16:43:26 UTC
From: lpmartin@garnet.msen.com
Message-ID: <2mkire$p1l@nigel.msen.com>
Source record: 276231

Does anyone have, or know where I can get, the 1994 Indy Car
crew/driver radio frequencies? I need them for Indy qualifying.

Thanks,

Lynn P. Martin
LPMARTIN@garnet.msen.com

1910. Re: Problem: Cordless scanning!

Newsgroup: rec.radio.scanner
Date: 1994-03-21 16:55:45 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Mar21.115546.2094@hnrc.tufts.edu>
Source record: 276211

In article <1994Mar10.222352.26542@news.unomaha.edu>, brosencr@cwis.unomaha.edu (BRENT JACK ROSENCRANS) writes:

> My friend and I each have a BC200xlt. We both have the same frequecies
> and such in our scanners. We both have them restored for cellular. The thing
> is: I can never pick up cordless phones! True, I can always pick it up
> when I am using my own(phone), but never anywhere else. At his place he
> can always get some activity. We both scan the same freq.'s also.(46.610-
> 47.000) and (49.000-50.000).
>
> Is it possible that he just lives around tons of people who use
> cordless? Is there a better antenna out there for people like me who enjoy
> cordless? Any suggestions would be appreciated.
>

Why don't you try connecting a VOX tape recorder to your scanner and let it run for a day? There are lots of possibile explanations for your different hit rates but this would rule out some of them.

1911. Re: Hot air balloon freq. ??

Newsgroup: rec.radio.scanner
Date: 1994-03-21 17:29:10 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Mar21.172910.6561@rsg1.er.usgs.gov>
Source record: 276214

In article <1994Mar18.190552.21525@news.clarkson.edu>, billp@voyager.chm.clarkson.edu (Bill Plunkett) writes:
|> From article <CMruGv.CvC@freenet.carleton.ca>, by aq304@FreeNet.Carleton.CA (David Haney):
|> >
|> > Does anyone out there listen to hot air balloon pilots ?
|> > I'm looking for any frequencies you may have heard them on.
|> > There are a lot of hot air balloons in the Ottawa ,Ontario area.
|>
|> Hmmm, good question. You might try the "multicom" freq, intended for
|> communication between aircraft in flight (somewhere around 123.0 or
|> 123.5 in the aircraft band - someone can verify), or elsewhere in the
|> aircraft com. band (118-136 MHz AM phone), since multicom would get
|> awfully crowded if everyone used it at the same time. I'll bet
|> however, that for their purposes, balloonists are just as likely to be
|> using walkie-talkies in the CB or maybe low-power public use bands, or
|> even ham equipment, if licensed.
|>
|> Maybe you ought to post your question to rec.avaiation, someone there
|> should know.
|>
|> -billp
|>

Around here, they use the 151.625 itinerant (sp?) frequency. The radios are available at Radio Shaft. I would be willing to bet that the number of license forms actually sent in closely matches the number of times that the FCC bothers to look for non-licensed offenders on 151.625. I also hear a lot of other interesting use - like for truckers and kids...

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

1912. TEST

Newsgroup: rec.radio.scanner
Date: 1994-03-21 17:34:57 UTC
From: randy_ware%nwmail@sparc.ncpa.olemiss.edu
Message-ID: <randy_ware%nwmail.1.001195AD@sparc.ncpa.olemiss.edu>
Source record: 276226

tHIS IS A T EST

1913. Sony 2010 for sale $200

Newsgroup: rec.radio.scanner
Date: 1994-03-21 18:47:27 UTC
From: crisp@netcom.com
Message-ID: <crispCn12v4.vo@netcom.com>
Source record: 276216
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner

I have a Sony 2010 I want to sell. It is a very nice portable SW
receiver, some say it has the best synchronos detector on the market.
It will tune the AM broadcast band, shortwave to 30mhz the FM
broaedcast band and even the aircraft band all in a convenient
book sized receiver. It includes SSB capability as well.

I have the AC adaptor, the owner's manual and the original box too.
I bought it new about 3years ago. It works perfectly. Price is $200
buyer pays shipping.

Need the cash for Dayton!
rdc

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1914. Re: PRO-43 low FM mod: works?

Newsgroup: rec.radio.scanner
Date: 1994-03-21 19:00:03 UTC
From: vanderby@mprgate.mpr.ca
Message-ID: <1994Mar21.190003.19829@mprgate.mpr.ca>
Source record: 276217

>After I did the cellular
>and low band mod, I realized that I was getting a lot of images from
>channel 3, one of which is a few KHz above 33.7. Although it wasn't until
>I was able to actually tune to channel three that I realized what the
>problem was, I definitely feel that it has gotten worse. Now I can pick up
>distorted broadcasts instead of just a random signal.

I can assure you that this is either your imagination, or a coincidence.
The mods only affect which channels can be entered into the scanner (i.e.
it only affects the internal computer). The mod in no way affects the
tuning circuitry, so it won't (and can't) make any difference to
channels you already receive.

1915. Re: PRO-43 low FM mod: works?

Newsgroup: rec.radio.scanner
Date: 1994-03-21 20:02:56 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <Cn16D3.ItA@cbnewse.cb.att.com>
Source record: 276218

gdallal@world.std.com (Jerry Dallal) asked about the PRO-43
mod for 50-88 MHz reception:

> Would someone with some experience with the low FM
> modification please comment? I am not an electronics
> technician so I may have misstated CSG's opinion slightly, but
> I think I've included all the key words and phrases, although
> perhaps not in the right order or connected properly.

From my earlier posting on the PRO-43:

A Note About 50-88 MHz Reception

.........the European
version of the PRO-43 has different coils and capaci-
tors in the low (mid) band front end filter. That
explains why the 75 MHz sensitivity isn't stellar after
adding diode D3 to enable 30-88 MHz coverage. [But my
modified PRO-43 does receives the proper signals in that
range.]
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

1916. re: BC200XLT Extended Power

Newsgroup: rec.radio.scanner
Date: 1994-03-21 20:16:31 UTC
From: herzstein@lmsc.lockheed.com
Message-ID: <Cn16zK.9CB@butch.lmsc.lockheed.com>
Source record: 276219

In article <2mcivf$c0@raven.dow.com> dhunter@dow.com writes:
>Hello all,
>
>I would like to know how to keep a BC200XLT going after the
>rechargeable battery packs are used up. I have never seen any
>other sources for powering these other than the included batteries.
>I will be going on a long-distance train trip without a way to
>recharge the batteries.
>---
All AMTRAK trains have 120VAC power in all cars, with standard house-
style outlets. The ends of all the coaches have outlets. I would
guess that some restrooms do too. Bring an extension cord.
-Dave

1917. Re: Sony 2010 for sale $200

Newsgroup: rec.radio.scanner
Date: 1994-03-21 21:32:03 UTC
From: crisp@netcom.com
Message-ID: <crispCn1AHG.ACH@netcom.com>
Source record: 276220
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner

In article <crispCn12v4.vo@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>I have a Sony 2010 I want to sell. It is a very nice portable SW
>receiver, some say it has the best synchronos detector on the market.
>It will tune the AM broadcast band, shortwave to 30mhz the FM
>broaedcast band and even the aircraft band all in a convenient
>book sized receiver. It includes SSB capability as well.
>
>I have the AC adaptor, the owner's manual and the original box too.
>I bought it new about 3years ago. It works perfectly. Price is $200
>buyer pays shipping.
>
>
>Need the cash for Dayton!
>rdc

Looks like it is gone, I have had three interested parties say they want`
it in the last half hour. Thanks for the interest

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1918. Re: Hot air balloon freq. ??

Newsgroup: rec.radio.scanner
Date: 1994-03-21 22:00:22 UTC
From: eclafl1@umbc.edu
Message-ID: <2ml5dmlNNpqc@umbc8.umbc.edu>
Source record: 276221

Cc:

There is, indeed, a FAA reserved frequncy designated for balloons, and if I am not incorrect, it is in the 123.000 to 124.000 mHz range. I recall seeing it listed in either an older edition of POLICE CALL, or MONITOR AMERICA in the aviation frequency section. Of course, if this is a burning desire for any-one, I suggest contacting your local FAA field office located at all controlledairports.

**********Eric Claflin EMT-P, TLSS, NICS ***** "All opinions are
University of Maryland ***** mine...often wrong,
Shock Trauma Center - UMBC ***** but never in doubt!"
****

1919. Re: Looking for a cheap SW radio

Newsgroup: rec.radio.scanner
Date: 1994-03-21 22:49:02 UTC
From: Kenneth.E.Harker@Dartmouth.Edu
Message-ID: <2ml88u$aog@dartvax.dartmouth.edu>
Source record: 276222
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <CMxLFs.1t8@ennews.eas.asu.edu>
walls@enuxsa.eas.asu.edu (Gerald R. Walls) writes:

> I'd like some recommendations on a cheap SW receiver. I have to stay under
> $100 and I'd like to stay alot lower than that, say less than $50. I'd like
> to have digital tuning and (whatever technical words go here to mean "it
> receives real good").
>
> I am a *complete* novice at SW and know absolutely nothing about the equipment
> or its cost. The only shortwave receivers I've ever seen are at Radio Shack.
>
> Are the prices listed above reasonable or a pipe dream?

There two very good sources for reviews of radios. If they are not at
your local library, they will probably be at a large bookstore. They
are _Passprt to World Band Radio 1994_ and _World Radio TV Handbook
1994_. Both review all sorts of current radio models (in addition to a
wealth of other swl information), and include street prices and plenty
of advertisements of companies to sell them to you mail order if you
desire.

Also, if you decide on a Radio Shack model, you might want to watch for
a couple months - they tend to go on sale every four to six months.

==
Kenneth E. Harker N1PVB Dartmouth College Amateur Packet Radio
kenneth.e.harker@dartmouth.edu Hinman Box 1262 n1pvb@w1et.nh.usa.na
(603) 643-6549 Hanover, NH 03755 or n1pvb-5 on 144.99
==
(PGP Public Key now available on request)

1920. University of Chicago Police Frequency

Newsgroup: rec.radio.scanner
Date: 1994-03-21 22:55:47 UTC
From: bstein@MCS.COM
Message-ID: <2ml8lj$jcr@Mercury.mcs.com>
Source record: 276223

I am looking for the frequency that the Univeristy of Chicago police use.
Thanks in advance.

Ben
--

==
Benjamin Stein	Life is Uncertain...
bstein@mcs.com	Eat Desert First
==

1921. Sonobuoys

Newsgroup: rec.radio.scanner
Date: 1994-03-21 23:14:50 UTC
From: Kenneth.E.Harker@Dartmouth.Edu
Message-ID: <2ml9pa$el4@dartvax.dartmouth.edu>
Source record: 276224
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

(Warning: This is somewhat random...)

Last night, three of my fraternity brothers and I were playing poker on the first floor of the house when another brother came back from a weekend at home, and promptly unloaded, among other things, three old sonobuoys. It seems that his brother is an oceanographer, and they were just laying around the basement. Apparently they were used for mapping ocean currents (rather than ASW for example.) His dad wanted to throw them out as they wer etaking up space, but said brother decided maybe someone at school would be interested in them, so he threw them in the trunk and hauled them up here.

So, today we got them out and examined them. Two of them have been opened before. One is small with a propellor-like assembly that evidently flips out and acts to slow down the buoy on its descent into the water. The other one (and the third one, which looks just like it) has a plastic parachute in it. We didn't take either one of them apart completely, but I think I have a basic idea of where the radio units must be in them.

I imagine that the two buoys that have been opened are probably "dead" as there is probably no way to turn them off once the two "buttons" on the bottom of the thing have been triggered. I am curious though - if we were to somehow activate the third, sealed buoy, and it's battery still functioned, what sort of signal does it put out, and is there any way we could monitor it? Alternatively, does anyone know what sort of radios these things have in them? Are they useful for anything other than sonobuoys? What would they be worth?

Also, are there things I haven't considered about these (like safety issues, illegal transmission issues, etc...) that we should be considering while we play around with these? We're over 225km from the ocean here, but we have a large pond nearby, and there's always the Connecticut River :-). If anybody knows anything about these, I can probably find all sorts of numbers and marking to help identify the things.

Thanks in advance and 73's,

==
Kenneth E. Harker N1PVB Dartmouth College Amateur Packet Radio
kenneth.e.harker@dartmouth.edu Hinman Box 1262 n1pvb@w1et.nh.usa.na
(603) 643-6549 Hanover, NH 03755 or n1pvb-5 on 144.99
==
(PGP Public Key now available on request)

1922. test

Newsgroup: rec.radio.scanner
Date: 1994-03-21 23:32:37 UTC
From: randy_ware%nwmail@sparc.ncpa.olemiss.edu
Message-ID: <randy_ware%nwmail.1.0@sparc.ncpa.olemiss.edu>
Source record: 276225

```
tHIS IS A TEST
```

1923. Re: DFWFREQ.TXT

Newsgroup: rec.radio.scanner
Date: 1994-03-22 05:04:22 UTC
From: dilligaf@netcom.com
Message-ID: <dilligafCn1vFB.9M5@netcom.com>
Source record: 276228

In article <dilligafCMzE72.1oq@netcom.com> dilligaf@netcom.com (Jonas Grumby) writes:
>
>Could someone please email the file DFWFREQ.TXT to me.
>
>Thanks!
>
>th
>dilligaf@netcom.com
>

I got it! Thanks Charles Copeland!

th

1924. Re: Pro-43 schematics

Newsgroup: rec.radio.scanner
Date: 1994-03-22 05:20:58 UTC
From: mike@e2big.mko.dec.com
Message-ID: <2mlv7q$n93@usenet.pa.dec.com>
Source record: 276229

Surprenant Colin (surprenc@JSP.UMontreal.CA) wrote:
: Hi,

: I need someone who has the pro-43 schematics to give me the D4 diode
: number/part-number/info. I burned it when doing the cell mod. and I
: would still like to restore 50-88 freqs.

: Thanks!

try MA110 or 1SS352

tandy parts is 800.442.2425 the service manual is about 5 bucks.

1925. Re: Pager net for Mich Scannists

Newsgroup: rec.radio.scanner
Date: 1994-03-22 13:44:30 UTC
From: x93richards5@wmich.edu
Message-ID: <1994Mar22.084430.16096@wmichgw>
Source record: 276232

> A little bit of informing (advertising in your form) is o-k, but it might be
> better if you talk about the entire system (now 10-11 cities) instead of JUST
> Michigan. I am sure that Gary would agree with this. Let's lighten-up a bit.
>

And a execllent system it is becoming.
Try it -- you will like it.

Jim Richards
Mich Fire Net 281

1926. Thanks! (Re: Cheap SW Rx)

Newsgroup: rec.radio.scanner
Date: 1994-03-22 14:38:08 UTC
From: walls@enuxsa.eas.asu.edu
Message-ID: <Cn2Lzn.9Cz@ennews.eas.asu.edu>
Source record: 276234
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

I wish to thank everyone who replied to my request for info on a cheap SW receiver.

To summarize what I was told:

It is possible to get a decent beginner's receiver for about $100, but if I become serious with the hobby I will be replacing it. The next tier of systems seem to start at about $200. One message suggested a rebuilt receiver sold by Damark (I think). (If that person could resend the message I would appreciate it because I forgot to print it.)

I think probably a beginner's system is what I want at this time since I want I don't want my wife to kill me.
--
Gerald Walls (int_walls@ecc6.ateng.honeywell.com) (walls@enuxsa.eas.asu.edu)
EGS BBS Phone: 1-504-466-7887/1115 | Who is John Galt?
"Law-abiding adults should always be free to own guns to protect their homes."
- Bill Clinton

1927. Re: Pro-2006 ; still modifiable? Any other source?M

Newsgroup: rec.radio.scanner
Date: 1994-03-22 14:44:09 UTC
From: pas@jupitercmc.ca
Message-ID: <1994Mar22.144409.14305@venus.cmc.ca>
Source record: 276235

In article <brett_miller.41.00088474@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
|> In article <CMy831.JrJ@uwindsor.ca> mason4@server.uwindsor.ca (Mason Chris L) writes:
|>
|> >Chris
|> My guess is that there will be no more diode (if they continue to sell the
|> 2006). The code stored in the microprocessor will probably be changed such
|> that diode, or no diode, cell coverage will not be tuneable.
|> Legally, Canada is not affected by this Congressional ruling, but it is
|> possible that economic factors cause Tandy to only make a single model for all
|> countries. That would be unfortunate. I'm sure they still have lots of the
|> old microprocessors, so the cellular-modifiable units should be available for
|> a while in other countries. This is just speculation on my part however.
|>
|> PRO means good, CON means bad. If PROgress means moving forward, then
|> what does CONgress mean? (I think we all know)
|> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com

I would like to know ASAP on what part(s) will be different
in the new generation of Pro-2006 so that I can stock up on
some spares for my old-generation Pro-2006. If I knew it
was the processor with a modified embedded ROM, I'd order a
spare today...

Peter

Peter A. Stokes _____ Voice & Voice mail: (613) 545-2923
Engineering Applications Support _____ FAX: (613) 548-8104
Canadian Microelectronics Corporation _____ Net: stokes@cmc.ca
Kingston, Ontario, CANADA _____ Radio: VE3ZXT
The VW camper on the Information Highway...

1928. Re: New Uniden scanners

Newsgroup: rec.radio.scanner
Date: 1994-03-22 14:59:29 UTC
From: djw@unlinfo.unl.edu
Message-ID: <2mn14h$eca@crcnis1.unl.edu>
Source record: 276236

Hiya!! If you want a trap for FM(88-108mhz),try Radio Shack. They sell an FM trap for four or five bucks that works pretty well.....
The trap comes with "f" female connctors. I use one or maybe two in series and it really knocks down the FM interference.

I have a question,though on the Grove filters. Does anyone out there have trouble with Shortwave interference to their scanners?Or Am broadcast interference? I have always wondered why Grove hawks these things. I would really like to know if anyone out there has the kind of interference that this filter is supposed to eliminate(H.F. stuff).
Thanks.....

1929. Re: New Uniden scanners

Newsgroup: rec.radio.scanner
Date: 1994-03-22 15:06:31 UTC
From: dhughes@prairienet.org
Message-ID: <2mn1hn$mf9@vixen.cso.uiuc.edu>
Source record: 276237

>I have a question,though on the Grove filters. Does anyone out there
>have trouble with Shortwave interference to their scanners?Or Am
>broadcast interference? I have always wondered why Grove hawks these
>things. I would really like to know if anyone out there has the kind
>of interference that this filter is supposed to eliminate(H.F. stuff).
>Thanks.....
>
I have friends who live near broadcast towers, and they get AM
interference on their (hardwired? Uncordless? What do you call a
telephone that is not a cordless?) telephones. So I suppose if you're
close to a powerful transmitter you may require the filter. Seems like
an awfully small market, though.
--

1930. PRO-43 Diode Source

Newsgroup: rec.radio.scanner
Date: 1994-03-22 16:51:52 UTC
From: lriggins@afit.af.mil
Message-ID: <lriggins.764355112@afit.af.mil>
Source record: 276238
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Someone in one of these groups was looking for the part number of
the D4 diode. Here's a repost of an old article on the subject:

quote

First of all, thank you to all those who responded to my request for help
on the cellular modification of my Pro-43. The modification called for
removing diode D4 (which restores the cell band) and then putting the
D4 diode in the previously empty D3 position (which extends the lower band
between 54 MHz and 88 MHz). My problem was that I had damaged the diode
in the process of removing it from the D4 position and, thus, could not
extend the lower band. I realize that the extended frequency range is mostly
just TV channels 2 through 6, but it still might be fun to go exploring.

The solution: I got in touch with the Tandy Parts center in Fort Worth.
Their address and phone number is:

Tandy National Parts Center
900 E. Northside Dr.
Fort Worth, TX 76102.
(817)870-5600

I got a copy of the Pro-43 service manual for under $6.00 and a replacement
diode for $1.22 (Mfr's Part No. MA110). They were very helpful and were
more than happy to take my credit card number and send the stuff right out
via UPS. It arrived in less than a week. The diode is now in and works
just fine.

endquote

Here's a couple of other handy part numbers:

Pro-43 Service Manual: Catalog # 20-300/9300
Battery Case: Mfr's Part # GE-91D-9339

--
Maurice INTERNET: lriggins@afit.af.mil

1931. Re: What is a chapter 90 violation?

Newsgroup: rec.radio.scanner
Date: 1994-03-22 21:04:01 UTC
From: cls@griffon1.uucp
Message-ID: <Cn33uq.1u0@nntpa.cb.att.com>
Source record: 276239
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Raleigh police use chapter 90 to refer to drug violations. A complete list of codes for the Raleigh police can be found on the Frequencies R Us bulletin board at 919-851-3121.

Cary

1932. Re: Problem: Cordless scanning!

Newsgroup: rec.radio.scanner
Date: 1994-03-22 21:17:35 UTC
From: natoli@bnlux1.bnl.gov
Message-ID: <1994Mar22.211735.1313@bnlux1.bnl.gov>
Source record: 276240

Find a 10' length of wire and make
a 1/2 wave vertical antenna for your scanner.
If thats too long try 5' for a 1/4 wave antenna
and get it up as high as possible.

468/46 = 10.17'
--

_____|_____ _____|_____
____/"____ Tony Natoli ____/"____
((((o)))) natoli@bnlux1.bnl.gov ((((o))))

1933. Re: Icom R-7100 MODS

Newsgroup: rec.radio.scanner
Date: 1994-03-22 21:27:48 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <1994Mar22.212748.141590@yuma>
Source record: 276241

In article <gz38s69.5b2a@sycom.mi.org> gz38s69@sycom.mi.org (Greg Ziel) writes:
> If anyone has or knows of a source for any modifications for an Icom
>R-7100, please let me know.
> Although this radio is near perfect right out of the box, it is always
>interesting to see what people come up with as far as improvements.

Electronic Equipment Bank in Vienna, VA lists some mods they'll perform in
their catalog. I think they have mods for filters, power supplies, and
replacing the RF switching diodes with some HP diodes.

Anybody ever have EEB mods done?

Galen, KF0YJ

1934. [CA][Legal]Cordless phones

Newsgroup: rec.radio.scanner
Date: 1994-03-22 21:38:29 UTC
From: Daniel Warren <WarrenD@scfe.chinalake.navy.mil>
Message-ID: <Cn35G5.Dvs@avalon.chinalake.navy.mil>
Source record: 276242

I was reading through the California Legal Code (available online at leginfo.public.ca.gov) regarding privacy laws and saw the following:

"632.7 (a) Every person who, without the consent of all parties to a communication, intercepts or receives and intentionally records, or assists in the interception or
reception and intentional recordation of, a communication transmitted between two cellular radio telephones, a cellular radio telephone and a landline telephone, two cordless
telephones, a cordless telephone and a landline telephone, or a cordless telephone and a cellular radio telephone, shall be punished..."

Ok, I had heard that monitoring cordless calls here in California was illegal. But what surprised me was that, in another section:

"635. (a) Every person who manufactures, assembles, sells, offers for sale, advertises for sale, possesses, transports, imports, or furnishes to another any device which is primarily
or exclusively designed or intended for eavesdropping upon the communication of another, or any device which is primarily or exclusively designed or intended for the unauthorized
interception or reception of communications between cellular radio telephones or between a cellular radio telephone and a landline telephone in violation of Section 632.5, or
communications between cordless telephones or between a cordless telephone and a landline telephone in violation of Section 632.6, shall be punished..."

Whoa! "eavesdropping on the communication of another" could be interpreted as listening to anything, not just phone calls, so how does Radio Shack manage to sell scanners in California (much less ones that cover 46-50 MHz)?

Inquiring minds...

Dan

1935. Ftp site & Richfield Colesium OH, USA

Newsgroup: rec.radio.scanner
Date: 1994-03-22 21:40:16 UTC
From: boothc@kenyon.edu
Message-ID: <1994Mar22.164017.9055@kcvax1>
Source record: 276243
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Could someone please repost or e-mail the ftp info for the CA FCC freqs.

A cursory explanation how to use the search functions would also be appreciated.
I inadvertently deleted my info.

Thanks in advance,

Carter

An after thought -

Any Northern Ohio (USA) people know the freqs that the * Richfield Colesium *
uses? I noticed on one of the supervisors radios (?? green jacket/attitude)
that he had five channels -- each appeared to be assigned as inidicated by
a little post-it attached to the radio. The freqs are not listed in Police
Call or the Ohio Scanner Master pocket guide (no big one yet :(..)
I didn't have time to search the airwaves but there was alot of traffic on the
OSP district freqs and the Summit Sherriff North freqs, as well as the
surrounding town PD freqs. Physicians Ambulance and the Richfield EMS seemed
to be the two ambulance services, perhaps there were more...

Anyway, I was interested in the security freqs. The various CONCERT security
I identified was: Ohio State Police (traffic), Summit Sherriff (outside
perimeter), Local PD (extraneous duties ;), Colesium PD (had badges),
Green Jackets (supervisor), Maroon Jackets (supervisors??) Blue Jackets,
(general security), Red/White Rugby (Tight Security - Stage etc.), Yellow
Shirts (kids who get free ticket and shirt to hang out), Q & A booth.
The Ohio Alcohol Freqs were also active. I don't really expect to hear
from anyone with this info, but......

--
Carter G. Booth "As a matter of fact, I enjoy being verbose."
boothc@kenyon.edu

1936. ARRL directory on oak.oakland.edu

Newsgroup: rec.radio.scanner
Date: 1994-03-22 23:09:19 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCn39nK.3Ez@netcom.com>
Source record: 276244
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

I have changed the location of the ARRL Information Server on
oak.oakland.edu

FROM /pub/hamradio/arrl/Server-files/info

TO /pub/hamradio/arrl/infoserver

73,
Scott

--
```
================================================================================
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na |
|------------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| oak.oakland.edu:/pub/hamradio |
================================================================================
```

1937. Re: ADVICE on BUYing SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-03-22 23:46:01 UTC
From: ckf@christa.unh.edu
Message-ID: <2mnvvp$2vk@mozz.unh.edu>
Source record: 276245

To all those interested, I recently got the new ACE communications catalogue and it has some INCEDIBLE deals on scanners. If you want a good scanner, TONS of channells (some have up to 1000) and a fair price, I HIGHLY recommend this company. They have been very fair in the past, and the only reason I "left" the company was because I finally got a two-way. Any questions? Write me, Chris Fowler, at ckf@christa.unh.edu
Bye!

Chris Fowler
Leader: Team 3
University of NH Search and Rescue

1938. "keyboardless" scanner opinions

Newsgroup: rec.radio.scanner
Date: 1994-03-23 00:01:28 UTC
From: cclark@cruzio.com
Message-ID: <Cn3C2q.CzL@cruzio.com>
Source record: 276246
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Anyone have an opinion about the usefulness of 'keyboardless' scanners
for open road use/evasion/monitoring?

The Uniden Bearcat "Beartracker" is one example of this type of scanner--
proprogrammed with all of the licensed HP channels. Currently in the
DAK catalog for 149.00.

--

1939. Re: Sonobuoys

Newsgroup: rec.radio.scanner
Date: 1994-03-23 00:21:32 UTC
From: donrm@sr.hp.com
Message-ID: <Cn3Czx.7qy@srgenprp.sr.hp.com>
Source record: 276247
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

Kenneth E. Harker (Kenneth.E.Harker@Dartmouth.Edu) wrote:

> we were to somehow activate the third, sealed buoy, and it's battery
> still functioned, what sort of signal does it put out, and is there any
> way we could monitor it? Alternatively, does anyone know what sort of
> radios these things have in them? Are they useful for anything other
> than sonobuoys? What would they be worth?

These things used to be popular in the beginning days of 2 Meter FM;
there was an article published somewhere called the "sonobaby" that
showed how to convert one to the 2 M FM ham band.

The one I had had a saltwater activated battery that put out something
like 15 VDC and transmitted somewhere around 150 Mhz FM. There was no
effort made by the designer to miniaturize the circuitry, and it ran
something like 1 watt. There was also a timer circuit that melted a
fuseplug that sent the thing to the bottom after X hours of transmitting.
The body of the sonobuoy had about 100 feet of what looked like miniature
twinlead connecting the hydrophone to the FM transmitter.

I doubt seriously if the sonobuoy is worth anything other than a cur-
iosity point.

> issues, illegal transmission issues, etc...) that we should be

You can always take it apart, put in a ham band crystal and retune it.

Don Montgomery, K6LTS
donrm@sr.hp.com

1940. Any PRO-36 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-03-23 01:39:15 UTC
From: dougp@radiomail.net
Message-ID: <1994Mar22.225409.27771@exu.ericsson.se>
Source record: 276248
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Does anybody know of any mods for the RS PRO-36? Yes I know it's capabilities are fairly limited, but it's all I've got for now.

1941. Re: ADVICE on BUYing SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-03-23 01:48:32 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2mo75g$5l3@umcc.umcc.umich.edu>
Source record: 276249

Identical? Pro-2004,5,6? Not really! Pro-2004 200 channels angled display frumpy buttons. 2005 and 2006 maybe. Both are 400 channels and use the same case and look about the same. Except the 2006 hyperscan. Better off with a pro-2006, new only around $325 mail order.

1942. Re: L.A. Radio Stations

Newsgroup: rec.radio.scanner
Date: 1994-03-23 02:28:05 UTC
From: rwilkins@ccnet.com
Message-ID: <2mo9fl$sm9@ccnet.ccnet.com>
Source record: 276250

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: In article <compedge-220394114951@compedge.cerfnet.com> compedge@cerf.net (David L. Bernstein) writes:

: >I inadvertantly ran across communications on 450.850 which sound like the
: >reporters from KFWB news radio in Los Angeles sending their reports in from
: >the field. Several questions:

: >1. Is listening to these frequencies legal?

: >2. Does anyone know any other frequencies like this used by L.A. radio
: >stations for their reporters, traffic helicopters, etc.? If it is illegal,
: >I really need to know the freqs so that I can be sure to avoid them.

: Yes it is legal. The main media frequencies are 450 - 451 and 455 - 456.
: Listening to the media can be very entertaining. When it comes to major
: incidents, the I often listen to the media freqs because they will say
: EVERYTHING over the air while the police will not.

You may want to re-read the ECPA again. These types of transmissions are protected. While listening to the same frequency you may hear technical discussions relating to setting up equipment etc , these transmissions are not protected.

Be sure to tune 450 - 451 every 12.5 kHz and 455 - 456 every 12.5 kHz for a local electronic news gatherer near you. I leave it up to you to determine if the content of individual transmissions on these frequencies is protected.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.us.noam

1943. Re: Ftp site & Richfield Colesium OH, USA

Newsgroup: rec.radio.scanner
Date: 1994-03-23 02:39:00 UTC
From: rwilkins@ccnet.com
Message-ID: <2moa44$ssj@ccnet.ccnet.com>
Source record: 276251
Cross-posted to: rec.radio.scanner,alt.radio.scanner

boothc@kenyon.edu wrote:

: Could someone please repost or e-mail the ftp info for the CA FCC freqs.

: A cursory explanation how to use the search functions would also be appreciated.
: I inadvertently deleted my info.

telnet to tcomeng.com and log in as fcc a simple menu will guide you.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.us.noam

1944. Date of scanner import ban?

Newsgroup: rec.radio.scanner
Date: 1994-03-23 05:50:42 UTC
From: crisp@netcom.com
Message-ID: <crispCn3s8I.5tB@netcom.com>
Source record: 276252
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

What is the effective date of the scanner import ban regarding those
capable of tuning 800mhz frequencies? I heard April 24, but who knows for sure?

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

1945. Re: AR1000XLT FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-03-23 07:16:33 UTC
From: Randy <randy1314@delphi.com>
Message-ID: <5IzOgB5.randy1314@delphi.com>
Source record: 276253

I'll make the first offer at $250. I saw another one advertised for 260 so
I hope I haven't offended you.

1946. Re: L.A. Radio Stations (Freq. list - sort of LONG)

Newsgroup: rec.radio.scanner
Date: 1994-03-23 07:41:12 UTC
From: srhoades@netcom.com
Message-ID: <srhoadesCn3xCp.B3o@netcom.com>
Source record: 276254

In article <compedge-220394114951@compedge.cerfnet.com> compedge@cerf.net (David L. Bernstein) writes:

>2. Does anyone know any other frequencies like this used by L.A. radio
>stations for their reporters, traffic helicopters, etc.? If it is illegal,
>I really need to know the freqs so that I can be sure to avoid them.
>
>Thanks for any input!
>

Shazam!

RADIO & TV STATIONS FREQUENCY LISTINGS FOR LOS ANGELES AREA

==========

ABC-TV Network 161.640
161.700
161.760
(news) 450.1625R
450.675
450.725
450.800
450.875
Airwatch Comm. 450.7125
CBS-TV Network 450.4125
450.6125R
CNN 450.775
KABC-TV 26.190
26.290
26.390
450.1375R
450.150
(Live news cue) 450.3125R
KAVR 161.760
KBAS 161.700
KBBV 161.700
KBRT 26.090
26.130
KCAQ 161.640
161.670
KCBQ 161.670
161.760
KCBS-TV 450.2875 F-1 (Reporters)
450.5125 F-2
450.4125 F-3

450.6125 F-4
450.800 F-5
450.0875 F-6 (News)
KCOP 455.3125
KCSN 455.5125
KDOC-TV 450.1125R
KEZY radio 455.5125
KFI radio 161.670
170.150 ("Eye in the Sky" traffic)
KFWB radio 450.850R (live news feeds)]
450.650 (live traffic reports - 2 fixed wing aircraft)
KHJ-TV 450.2125 (live news cueing)
455.0875
KODJ-FM 450.800
KMDY 161.640
KMEX-TV 450.1125R
KMPC 450.750R
KNBC-TV 161.640
161.670
161.700
161.730
161.760
450.1875 (Base-1)
450.3875 (Base-2 - fire up & news ops)
450.5375 (cueing)
450.5625R
450.625
450.875
KNX 450.0875
450.700
KRLA 450.450
KRTH-FM 455.450
KTBN 450.1125 (Cueing channel for God)
KTLA-TV 450.250
450.350
KTTV 450.5875 (Live news)
450.950
LA Network 450.650
455.5125
Metro Traffic 450.950
NBC Radio Netwk 455.2875
NBC TV Network 161.700
161.730
161.760
450.1875R
Nat'l Pblc Radio 450.900

UNKNOWN 450.825 (Heard various traffic reports 8/9/89)

--

Steve L. Rhoades | Voice: (818) 794-6004
1000 Video Road | Internet: srhoades@netcom.com
Mt. Wilson, Calif 91023 | Finger me for PGP public key.

1947. Re: L.A. Radio Stations

Newsgroup: rec.radio.scanner
Date: 1994-03-23 11:27:42 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.53.000B7695@ccm.hf.intel.com>
Source record: 276266

In article <2mo9fl$sm9@ccnet.ccnet.com> rwilkins@ccnet.com (Bob Wilkins n6fri) writes:

>Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
>: In article <compedge-220394114951@compedge.cerfnet.com> compedge@cerf.net (David L. Bernstein) writes:

>: >I inadvertantly ran across communications on 450.850 which sound like the
>: >reporters from KFWB news radio in Los Angeles sending their reports in from
>: >the field. Several questions:

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>: >2. Does anyone know any other frequencies like this used by L.A. radio
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>: >I really need to know the freqs so that I can be sure to avoid them.

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>: incidents, the I often listen to the media freqs because they will say
>: EVERYTHING over the air while the police will not.

>You may want to re-read the ECPA again. These types of transmissions are
>protected. While listening to the same frequency you may hear technical
>discussions relating to setting up equipment etc , these transmissions are
>not protected.

>Be sure to tune 450 - 451 every 12.5 kHz and 455 - 456 every 12.5 kHz for
>a local electronic news gatherer near you. I leave it up to you to
>determine if the content of individual transmissions on these frequencies
>is protected.

>Bob

I'm not sure I understand. Are you saying I can listen to the engineering type discussions on 450-451 etc, but if the guy is giving a traffic report that is being rebroadcast on some TV or radio station, its illegal? It seems like there would be a lot of gray area there. What if the same guy giving the traffic report is only being recorded for editing and later rebroadcast? What if a reporter is speaking to the studio, talking about a story, doing a sound check etc., and after a few minutes of talking, they begin a remote broadcast? Do I have to quickly change frequencies? How am I supposed to know if their fork-tounged gibberish is being rebroadcast or not?? How do I know I'm not listening to a TV program on how engineers set up a remote broadcast site?
I do have the ECPA on disk, but I've never read it all the way through (mostly because I won't feel any guilt if I don't know which laws I'm breaking) :-O

Can you clarify?

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1948. Re: Date of scanner import ban?

Newsgroup: rec.radio.scanner
Date: 1994-03-23 12:41:58 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Mar23.124158.17332@rsd.dl.nec.com>
Source record: 276255
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

In article <crispCn3s8I.5tB@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
|> What is the effective date of the scanner import ban regarding those
|> capable of tuning 800mhz frequencies? I heard April 24, but who knows for sure?
|>

The MT article said it was April 26.

Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

In the absence of leadership, we have decided to follow ourselves.

1949. Re: Pro43 mod messed up!

Newsgroup: rec.radio.scanner
Date: 1994-03-23 14:03:55 UTC
From: mpalmer@encore.com
Message-ID: <Cn4F2K.EJ9@encore.com>
Source record: 276256

vanderby@mprgate.mpr.ca (David Vanderbyl) writes:

>brinskel@emr1.emr.ca writes:
>[details of how Jeff broke his scanner deleted]
>>What a bummer! So I brought it back to Rat shack and told them that
>>when I got home it didn't work anymore. They are sending it in
>>for repair since it's still under warranty.

>So you're telling all of us you've committed fraud?

>>My problem is how can they tell if I really opened it?

>And you want us to tell you if you'll get caught?

>Did you know that some Radio Shack personnel read this newsgroup?

>I wouldn't be surprised if one of them phones the Radio Shacks in
>the Ottawa, Ontario (Canada) area and tells them what Jeff Brinskelle
>is up to. Very smart Jeff.

Lighten up David, most radio shack personell can't even spell "Internet"!

1950. Re: MVT-7100 -- A new Toy (Wow)! Need Some Help!

Newsgroup: rec.radio.scanner
Date: 1994-03-23 14:35:57 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.57.000E99CD@ccm.hf.intel.com>
Source record: 276125

In article <post1-230394144812@132.226.102.82> post1@ID1.AL.ALCOA.COM (James C. Post) writes:

>I just recieved my MVT-7100 and WOW what a difference from my old Bearcat
>which had 10 channels and used crystals. Very nice unit!

>I of course have not listened to Cellular phones because that would be
>illegal, but if I had I bet I would have had the following experience with
>reception and questions.

>No matter how strong the signal indication on the meter is, there is (would
>be) a high pitch almost whistling background noise accompaning the
>transmission. Any one have any ideas on what this might be and how to
>illiminate it.

Put your hand over the speaker. :-)

Short of using a special audio filter, there is nothing you can do. The high pitch noise seems to come from the cell tower transmitter.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1951. Wanted: freq's for Grateful Dead (rock band)

Newsgroup: rec.radio.scanner
Date: 1994-03-23 15:09:07 UTC
From: Gary.Clayton@launchpad.unc.edu
Message-ID: <2mpm2j$brt@samba.oit.unc.edu>
Source record: 276257

I'm going down to Atlanta GA next week for some Grateful Dead concerts.
I thought I might take my BC200XLT and see if I could pick up the
walkie-talkies used by the crew setting up the stage. One member of the
band (guitarist Bob Weir) also uses a "cordless" guitar rig.
Are the frequencies used here licensed to the group by the FCC?
Anyone who has this info. please share!

-gary

--

\ The above does not represent OIT, UNC-CH, laUNChpad, or its other users. /

1952. Re: ADVICE on BUYing SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-03-23 15:31:47 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <Cn4J53.L8z@cbnewsc.cb.att.com>
Source record: 276258

|My recomendation is to look at the Pro-2004/5/6 (all three models are
|virtualy identical).

Not quite. The PRO-2004 has 300 channels (modifiable to 400 easily)
and once modified for cellular coverage covers only the original
cellular band (base: 870-890mhz). The PRO-2006 covers the extended
cellular band (presumably, the 2005 does as well?) to 894 mhz in the
proper 30khz steps. [I've seen one person claim that late production
models of the 2004 cover the full expanded cellular, but I do not
know the veracity of this claim...]

|They have great sensativity and plenty of features to get

The PRO-2004 has mediocre sensistivity, made even worst by desensitizing
in the presence of strong FM stations. It is advised to use an FM trap
to minimise desense. Grove Enterprises sells a scanner filter which
filters this out, among other things. I should probably get one myself...
Being relatively insensitive, it also has good intermod resistance from
the scanner's urban nemesis, the Evil Mr. Pager Transmitter.

The PRO-2006 is more sensitive, but is also significantly more susceptible
to Mr. Pager intermods. Also, faster scanning than the 2004.

1953. Re: Date of scanner import ban?

Newsgroup: rec.radio.scanner
Date: 1994-03-23 15:33:43 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Mar23.103343.2105@hnrc.tufts.edu>
Source record: 276259
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <crispCn3s8I.5tB@netcom.com>, crisp@netcom.com (Richard Crisp) writes:
> What is the effective date of the scanner import ban regarding those
> capable of tuning 800mhz frequencies? I heard April 24, but who knows for sure?

[This is a repost. The earlier version contained an unsubstantiated rumor that Grove was out of PRO-43's. I though better of mentioning it after posting and gave them a call. They have them in stock and expect to for a while. My apologies to those who were mislead by the earlier posting.]

It's April 24, but IMO it's misleading to think of it as a firm dividing line. On the one hand, any recievers still in stock may be sold until the supply is exhausted so, in theory, one can purchase such a receiver after the cutoff data. On the other hand, given all the notice, it's hard to believe that a large supply will be brought in at the last moment. That is, I suspect that most manufacturers and importers will follow their normal schedules so that the faucet may be turned off at the last typical ship date before the cutoff. If you're thinking of getting a receiver, I would suggest ASAP.

What is puzzling is what the net effect of the import restriction will be. The regulations forbid the import or manufacture of units that are easily modified by the end user. Units such as the PRO-2006 that need only a single wire snip would certainly be affected. The PRO-43 however requires partial disassembly and removal of a surface mount diode. Many would say that this fix is not easily accomplished by the end user. The manufacturers may bend over backwards, however, and produce units that are not modifiable, period.

1954. Re: Sonobuoys

Newsgroup: rec.radio.scanner
Date: 1994-03-23 15:54:53 UTC
From: leber@panther.warm.inmet.com
Message-ID: <Cn4K7I.ICo@inmet.camb.inmet.com>
Source record: 276260
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

Kenneth E. Harker (Kenneth.E.Harker@Dartmouth.Edu) wrote:

> we were to somehow activate the third, sealed buoy, and it's battery
> still functioned, what sort of signal does it put out, and is there any
> way we could monitor it? Alternatively, does anyone know what sort of
> radios these things have in them? Are they useful for anything other
> than sonobuoys? What would they be worth?

If it is anything like a standard Navy buoy, it broadcasts VHF-FM on one
of 99 channels, ranging in frequency from 136.00 - 173.5 MHz.

If you can supply the channel number (it might be printed on the buoy, or
selectable by a little switch on it), I can give you the frequency.

Hope this helps,
Tom Leber
N3QKV
--

Tom Leber N3QKV <leber@panther.warm.inmet.com> Intermetrics, Inc. Warminster PA
"Smother technology and it rebels." - Max Headroom

1955. Re: Wanted: freq's for Grateful Dead (rock band)

Newsgroup: rec.radio.scanner
Date: 1994-03-23 17:14:24 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <1994Mar23.171424.61414@yuma>
Source record: 276261

In article <2mpm2j$brt@samba.oit.unc.edu> Gary.Clayton@launchpad.unc.edu (Gary Clayton) writes:
>I'm going down to Atlanta GA next week for some Grateful Dead concerts.
>I thought I might take my BC200XLT and see if I could pick up the
>walkie-talkies used by the crew setting up the stage. One member of the
>band (guitarist Bob Weir) also uses a "cordless" guitar rig.

The crew is on 469.500 and 469.550. They are licensed by the FCC to use these freqs.
As for the wireless gear, they could be on any number of freqs on three or four bands. These devices are covered by separate regs from the business band.
Galen, KF0YJ

1956. U of C Police Freq.

Newsgroup: rec.radio.scanner
Date: 1994-03-23 17:18:17 UTC
From: rcs1@midway.uchicago.edu
Message-ID: <rcs1.1.000B4E5C@midway.uchicago.edu>
Source record: 276262

Univ. of Chicago Security uses 464.525.

1957. Doubling scan/search rate of BC100/200/205

Newsgroup: rec.radio.scanner
Date: 1994-03-23 18:02:41 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Mar23.180241.8335@rsg1.er.usgs.gov>
Source record: 276263
Cross-posted to: rec.radio.scanner,rec.radio.swap

A while back, I wanted to double the scan/search rate on my Uniden BC205XLT
but had to order the necessary crystal in quantity. I have 19 of these
left and am selling them for $5 apiece, including instructions and shipping.

The mod works on the Uniden BC100XLT, BC200XLT and BC205XLT as well as the
Regency R2020 and R2030 as well as the Radio Shack/Tandy PRO-35. Please
email me for further info and my address. Thanks...

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

1958. Re: New Uniden scanners

Newsgroup: rec.radio.scanner
Date: 1994-03-23 18:15:37 UTC
From: randolph@est.enet.dec.com
Message-ID: <Cn4r9B.6GK@ryn.mro.dec.com>
Source record: 276264

In article <brett_miller.48.0009CA0D@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes...
>It is taking Grove a long time to get away from thier F connector fettish.
>Their scanner beam still comes with an F connector, as do many of their
>filter/amplifier products. Try finding an F connector for RG-8, or even
>RG-58. Most are made for RG-59 diameter cable.

Good reason for that - F connectors are for 75 ohm cable, i.e. RG59, cable-TV type cable. Most other connectors are 50 ohm impedance, i.e RG58, RG8. You can get 75 ohm BNCs, though. Not really that big of a deal unless you have to transmit through it. The cable that came with my Channel-Master "spider" antenna has an F connector at one end and a "Motorola" plug (like on the cable of your car stereo's antenna) at the scanner end - the old Bearcat scanners have "Motorola" jacks on the back.
Tom R. N1OOQ randolph@est.enet.dec.com

1959. Re: Date of scanner import ban?

Newsgroup: rec.radio.scanner
Date: 1994-03-23 19:21:48 UTC
From: BGK@BUBBA1.ftw.bnr.com
Message-ID: <1994Mar23.192148.11265@vulcan.iss.bnr.com>
Source record: 276265
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

Richard Crisp (crisp@netcom.com) wrote:
: What is the effective date of the scanner import ban regarding those
: capable of tuning 800mhz frequencies? I heard April 24, but who knows for sure?

April 22.

1960. Scottsdale, AZ freqs

Newsgroup: rec.radio.scanner
Date: 1994-03-23 19:22:30 UTC
From: Dirk@libre.com
Message-ID: <Dirk.2.001560C2@libre.com>
Source record: 276091

Anybody have an list of frequencies for Scottsdale, AZ? Thanks in advance...

1961. MVT-7100 -- A new Toy (Wow)! Need Some Help!

Newsgroup: rec.radio.scanner
Date: 1994-03-23 19:48:11 UTC
From: post1@ID1.AL.ALCOA.COM
Message-ID: <post1-230394144812@132.226.102.82>
Source record: 276267

I just recieved my MVT-7100 and WOW what a difference from my old Bearcat which had 10 channels and used crystals. Very nice unit!

I of course have not listened to Cellular phones because that would be illegal, but if I had I bet I would have had the following experience with reception and questions.

No matter how strong the signal indication on the meter is, there is (would be) a high pitch almost whistling background noise accompaning the transmission. Any one have any ideas on what this might be and how to illiminate it. Could it be the telescoping antenna? I was (would be) a little disappointed by the clearity of the reception, but really don't know if I should be. In my car alot of "broken" up transmission.

When listening to 869.040 - 893.970MHz should I use FM or WFM? WFM seems to give limited volume and no much better reception.

Regardless, I would like to try a better antenna on this unit to see what it will do. Any suggestions on a good to great BNC antenna and where to get one?

Finally, I would appreciate any explaination on the differences between FM, WFM, LSB, USB.
I know what the intial stand for and know they are difference bands, but would like some info
on how they are intended to be used, what they mean to me, etc... For instance, what's the difference between 869.040 MHz FM and the same freq. on WFM, or LSB or USB. Can someone define the bands for me. Sorry to sound like such a radio novice, but I am! I'm an engineer with a moderate background in electronics and such.

Thanks to all who provide information and addresses on this unit. Your a great bunch!

--
Jim Post

1962. Pro43 vs 2500xlt???

Newsgroup: rec.radio.scanner
Date: 1994-03-23 20:07:08 UTC
From: kronz@periphae.ecn.purdue.edu
Message-ID: <Cn4vvx.6GB@noose.ecn.purdue.edu>
Source record: 276268

Hello everyone,

I've trusted your adive in the past and am looking for it again...

I want to buy one more 800(cell) scanner before the deadline...
And I'm trying to choose... (I already own a mvt7100)

Which is better? pro43 or 2500xlt?

Or should I go with an old dual conversion??? since I already
have the mvt-7100...

by the way the MAX I want to pay is around 330 US...

thanks again,
jason
--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }

1963. BC200XLT car adapter question

Newsgroup: rec.radio.scanner
Date: 1994-03-23 20:12:16 UTC
From: ai456@yfn.ysu.edu
Message-ID: <2mq7r0$re4@news.ysu.edu>
Source record: 276269

Anyone have the "PS-001" car adapter from Uniden? I would like to know if it is anything special (regulation, filtering, ect) and worth the $5.95 + $4.50 S&H??? I don't have a service manual for my 200XLT, yet, but I think it shouldn't be anything more than a lighter plug and 5.5mm type plug on the other end?

--

Paul S. Troutman "Ladies and gentlemen, if I can pass along
ai456@yfn.ysu.edu one word of advice to you, as you pursue
your weekend leisure activities:
STOP BENDIN' THE SHAFT!" - L.N.W.D.L.

1964. Radio/TV Station-Freq List(chicago-area)

Newsgroup: rec.radio.scanner
Date: 1994-03-23 20:23:15 UTC
From: U11731@uicvm.uic.edu
Message-ID: <94082.142315U11731@uicvm.uic.edu>
Source record: 276270

Hi,
Does any one have list of freq's used by TV/Radio stations in Chicago area?
thanks.
(Robert Gawronski) u11731@uicvm.uic.edu

1965. Re: Wanted: freq's for Grateful Dead (rock band)

Newsgroup: rec.radio.scanner
Date: 1994-03-23 20:34:15 UTC
From: kronz@periphae.ecn.purdue.edu
Message-ID: <Cn4x53.6zL@noose.ecn.purdue.edu>
Source record: 276271

Well, The regular freq ranges for cordless mics are 30-60Mhz 160-170Mhz
and aroudn 460Mhz

But Pearl Jam was here at purdue last week and I got all the cordless
guitars around 800 MHZ... So look there maybe the new cordless mikes
are around there now???

Also these are WFM. I don't know whether your scanner can demod WFM
or not but NFM won't do much good...

-jason
--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }

1966. Re: Sonobuoys

Newsgroup: rec.radio.scanner
Date: 1994-03-23 21:28:56 UTC
From: rovero@oc.nps.navy.mil
Message-ID: <Cn4zo9.9KI@taurus.cs.nps.navy.mil>
Source record: 276272
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

>Kenneth E. Harker (Kenneth.E.Harker@Dartmouth.Edu) wrote:
>
>> we were to somehow activate the third, sealed buoy, and it's battery
>> still functioned, what sort of signal does it put out, and is there any
>> way we could monitor it? Alternatively, does anyone know what sort of
>> radios these things have in them? Are they useful for anything other
>> than sonobuoys? What would they be worth?
>

Please be *extremely careful* with this device. The main battery is seawater activated, and there is a inflatable collar float that inflates and an antenna that is extended when it enters the water (actually, when two pins on the body of the sonobuoy are shorted). You don't want to be holding the device when this happens!

The signal is 1W, VHF-FM, transmit only. Old ones had a single channel, newer ones can select one of 99 channels (synthesized).

Be careful! And don't transmit out of band for whatever services you are licensed for.....

P.J. Rovero Internet: rovero@oc.nps.navy.mil
Code OC/Rv Packet: kk1d@k6ly
Naval Postgraduate School
Monterey, CA 93943

1967. Pittsburgh and Western PA Freq Wanted

Newsgroup: rec.radio.scanner
Date: 1994-03-23 21:30:59 UTC
From: post1@ID1.AL.ALCOA.COM
Message-ID: <post1-230394163059@132.226.102.82>
Source record: 276273

Anyone have any police (local and State) , fire, ambulance, air traffic
etc. frequencies for Pittsburgh PA and/or Western PA?

Any other goodies would be appreciated!

Thanks,

--
Jim Post

1968. Re: Date of scanner import ban?

Newsgroup: rec.radio.scanner
Date: 1994-03-23 22:10:03 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Mar23.221003.17006@rsg1.er.usgs.gov>
Source record: 276274
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

In article <1994Mar23.192148.11265@vulcan.iss.bnr.com>, BGK@BUBBA1.ftw.bnr.com (BRIAN G. KORN) writes:
|> Richard Crisp (crisp@netcom.com) wrote:
|> : What is the effective date of the scanner import ban regarding those
|> : capable of tuning 800mhz frequencies? I heard April 24, but who knows for sure?
|>
|> April 22.

It is April 26th - gleaned from a copy of the ruling sent out by the FCC.

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

1969. BC2500XLT mods in Bay Area

Newsgroup: rec.radio.scanner
Date: 1994-03-23 23:52:01 UTC
From: landon@Cadence.COM
Message-ID: <1994Mar23.235201.26546@Cadence.COM>
Source record: 276126
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Anyone out there know of a reliable person who does mods of BC2500XLT?

1970. Re: Pro-2032 mods?

Newsgroup: rec.radio.scanner
Date: 1994-03-23 23:59:07 UTC
From: ssouva@aol.com
Message-ID: <2mql4b$92s@search01.news.aol.com>
Source record: 276127

In article <2mpsfr$kff@quartz.ucs.ualberta.ca>, kwong@ee.ualberta.ca (Kevin Mark Wong) writes:

> Has anyone come up with a modification for the Radio Shack Pro-2032
> scanner to extend its frequency range?

If I had to take an educated guess, I would look around the D29 or D30 area. I have not seen or heard of any mods for this unit, but the schematic shows that the difference between USA/Canada models and Europe/Australia are these two diodes (and a few other discrete components). Note: D29 is present in the USA/Canada model and not in the Europe/Australia model. The diagram looks like a surface mount type. You should also note that D29 is shown as type MA141WK (Marked MT) and is a strange looking beast. It has two anodes and one cathode.

If you need a schematic for the beast, drop me a note.

Scott Souva
Engineering Technologist
@ Southwest Research Institute

E-Mail address:
SSouva@SwRI.EDU or SSouva@AOL.COM

1971. Testing

Newsgroup: rec.radio.scanner
Date: 1994-03-24 01:41:53 UTC
From: ckf@christa.unh.edu
Message-ID: <2mqr51$5sm@mozz.unh.edu>
Source record: 276128

Testing the net. Thank you!

1972. Re: MVT-7100 -- A new Toy (Wow)! Need Some Help!

Newsgroup: rec.radio.scanner
Date: 1994-03-24 05:45:17 UTC
From: danny@netcom.com
Message-ID: <dannyCn5MnI.AoI@netcom.com>
Source record: 276129

: No matter how strong the signal indication on the meter is, there is (would
: be) a high pitch almost whistling background noise accompaning the
: transmission. Any one have any ideas on what this might be and how to
: illiminate it. Could it be the telescoping antenna? I was (would be) a
: little disappointed by the clearity of the reception, but really don't know
: if I should be. In my car alot of "broken" up transmission.

I experience this on a number of portable scanners. It may sound screwy,
but by holding the scanner so that your thumb covers the top two slots
of the speaker, the high-pitched audio whine nearly goes away.

: When listening to 869.040 - 893.970MHz should I use FM or WFM? WFM seems
: to give limited volume and no much better reception.

All signals in this frequency range are FM, not WFM.

: Finally, I would appreciate any explaination on the differences between FM,
: WFM, LSB, USB.

Each of these is a different modulation system. Most WFM is used in the
VHF/UHF ranges for broadcast transmissions (FM and TV audio broadcast); with
very rare exceptions in some VHF/UHF ham bands, all other VHF/UHF
transmissions are in FM mode (actually called NBFM, for narrow band
frequency modulation). USB and LSB are versions of AM signals, in which
one of the two sidebands is suppressed. By transmitting only one sideband,
the station occupies less of the frequency spectrum. You'll find USB
signals in the amateur and commercial segments of the HF spectrum, with
LSB primarily used by amateurs in the 1.8, 3.5, and 7.0 MHz bands.

Enjoy your Yupi!

Danny (a Yupi owner)

1973. Re: Wanted: Info on Icom R-1 mod

Newsgroup: rec.radio.scanner
Date: 1994-03-24 05:48:14 UTC
From: danny@netcom.com
Message-ID: <dannyCn5MsF.B6E@netcom.com>
Source record: 276130

Bill Schaff (Schaff@iiiv.tn.cornell.edu) wrote:
: I am looking for reports on the effectiveness of the !roofing filter!
: modification for improving intermodulation response for the Icom R-1.

: I would like to locate a source for the hardware for this modification. I
: have been told that Raycom advertised this modification in MT c. 1991.
: Who/where is Raycom?

Raycom is in the U.K., but I'm not sure if they still supply this mod.
I also believe you had to send your radio to them so they could do it.
If you look inside your R1, you'll see why it's better to have someone
else dig around in there with an electron microscope.

1974. Re: Squelch turned up at RS

Newsgroup: rec.radio.scanner
Date: 1994-03-24 06:22:33 UTC
From: carter@scilab.lonestar.org
Message-ID: <a9HoJc4w165w@scilab.lonestar.org>
Source record: 276131

gdallal@world.std.com (Jerry Dallal) writes:
>It seems that Radio Shack has issued a bulletin to all
>employees forbidding them to talk about scanner modifications
>to receive cellular under the penalty of termination.
>
>BTW, I'm not being critical of RS for the directive. They
>don't need the grief if someone goes after them on trumped up
>charges . . . again.

It's more likely that Tandy adopted that policy after so many Pro-43's
were returned (dishonestly) for warranty service after the mods
were bungled.

Cheerio!

Carter R. Bennett, Jr. [Scientist] If I had forseen rap music on the
carter@scilab.lonestar.org horizon, I wouldn't have worked so
KI5SR hard to get rid of disco.

1975. 2 meter HAM as Scanner

Newsgroup: rec.radio.scanner
Date: 1994-03-24 07:27:13 UTC
From: Randy <randy1314@delphi.com>
Message-ID: <Re9OpAJ.randy1314@delphi.com>
Source record: 276132

I have seen several adds discussing the fact that a couple of the handheld Icom HAM radios are also capable of receiving and scanning other frequencies and even the 800mhz cellular band and was wondering if they are actually being used as such and if they can compete with a radio built only as a scanner fo performance.

1976. Re: Pro43 vs 2500xlt???

Newsgroup: rec.radio.scanner
Date: 1994-03-24 09:51:42 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar24.045142.1@uoft02.utoledo.edu>
Source record: 276133

In article <Cn4vvx.6GB@noose.ecn.purdue.edu>, kronz@periphae.ecn.purdue.edu (Jason A Kronz) writes:
> Hello everyone,
>
> I've trusted your adive in the past and am looking for it again...
>
> I want to buy one more 800(cell) scanner before the deadline...
> And I'm trying to choose... (I already own a mvt7100)
>
> Which is better? pro43 or 2500xlt?
>
> Or should I go with an old dual conversion??? since I already
> have the mvt-7100...
>
> by the way the MAX I want to pay is around 330 US...
>
> thanks again,
> jason

Well Jason,
Brett Miler will probably get on my case again,because I'm going to trash the Uniden 2500 AGAIN,but I don't care.In my opinion,the 2500 is such a piece of crap,it should never have been released!I recently played with another one that wasn't any better than the first 2 I tried before.Intermod is so bad that you have to lock out a lot of channels to keep the thing scanning.My 43 had ONE freq that had to be locked out(155.070)to keep it running.Images are all over the place and there are lots of birdies too.All the bearcats seem to be prone to picking up RFI from TV's,CD players,computers,etc.,unless you hook up an outside antenna,and if you do,the intermod problem becomes intolerable!Sure,you can use an atenuator,but it's pretty silly when you can buy a 43 or 2006 and not have to put up with the 2500\890\8500's B.S.!Sure,the 43 has weak audio,a tiny display,and not as many bells and whistles as the 2500,but unless you are a railfan,you'll notice it doesn't have intermod either(compared to the 2500)! In short,the 43 is a real radio,the 2500 is a good case and controls\display,and not much of a radio.If you want to buy a 2500,make SURE you can take it back!A friend of mine bought one for COST,and took it back and just got a 43,for about 275 bucks.

Barry Felstein,N8PVX,using the acct of:
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1977. Re: MVT-7100 -- A new Toy (Wow)! Need Some Help!

Newsgroup: rec.radio.scanner
Date: 1994-03-24 10:20:03 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar24.052003.1@uoft02.utoledo.edu>
Source record: 276134

In article <brett_miller.57.000E99CD@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
> In article <post1-230394144812@132.226.102.82> post1@ID1.AL.ALCOA.COM (James C. Post) writes:
>
>>I just recieved my MVT-7100 and WOW what a difference from my old Bearcat
>>which had 10 channels and used crystals. Very nice unit!
>
>>I of course have not listened to Cellular phones because that would be
>>illegal, but if I had I bet I would have had the following experience with
>>reception and questions.
>
>>No matter how strong the signal indication on the meter is, there is (would
>>be) a high pitch almost whistling background noise accompaning the
>>transmission. Any one have any ideas on what this might be and how to
>>illiminate it.
>
> Put your hand over the speaker. :-)
>
> Short of using a special audio filter, there is nothing you can do. The high
> pitch noise seems to come from the cell tower transmitter.
>
>Yeah,the whine bugs the shit out of me too!Here's a little parts list for a cheap little filter that will chop off MOST of the whine.If you do it right,you can jam it into a lapel speaker,like the one RS sells,it's not easy to cram it in there,but it can be done.Actually,the hardest part is finding SMALL 100mh chokes!The RS ones,part#273-102,are pretty big(you need 3)and you also need a #272-990 10uf NON POLARIZED cap.I have this filter or one like it,on all my scanners,it makes listening much more pleasant!
Put the cap across the speaker leads.Solder the 3 chokes in series and tape or hot glue them into a "brick".Remove one wire(either one)from the speaker,and solder it to one lead of the chokes,and solder the other lead on the chokes to the speaker where the wire was you just removed.Now listen in comfort!If you have a base scanner,you can put it inside to make it more convenient.You can also put a 3 position switch in there to make the filter "adjustable",but it's usually ok with all 3 chokes in line.If you feel like playing around,you can play with the values of the cap and make it sound,IMO,really bad!
A really cheap way to kill the whine is just turn the radio sideways!It works ok,and it's free!Good luck,let me know if you like the filter...
BTW,I'm looking into finding a source of TINY chokes and caps to make a really small version of this filter to fit inside a 43 or Bc 200,etc..
Barry
Barry Felstein,N8PVX,using the acct of:
Brad Steinman, N8ZRP

The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1978. Re: Icom R-7100 MODS

Newsgroup: rec.radio.scanner
Date: 1994-03-24 11:02:41 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.58.000B0BCC@ccm.hf.intel.com>
Source record: 276146

In article <1994Mar24.134945.4885@rsd.dl.nec.com> dave@rsd.dl.nec.com (Dave Rogers) writes:
>Well, the good news is that the R7x00 will still be available after the
>ban date since neither are listed as scanners by the FCC. They are
>*communications receivers* :-)

>dave

I thought any radio capable of scanning over 4 channels that covers the cell range would be banned? I thought only "test-equipment" was excluded.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1979. [q] Freq of public GRMS ?

Newsgroup: rec.radio.scanner
Date: 1994-03-24 11:47:52 UTC
From: zt458151@lance.colostate.edu
Message-ID: <1994Mar24.114752.127538@yuma>
Source record: 276135
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Could someone please post the frequences of public VHF, UHF GRMS and UHF Business band also? I believe those frequences do not required a license to operate.

Thanks a million

1980. DAK experience (Was: Uniden Bearcat model)

Newsgroup: rec.radio.scanner
Date: 1994-03-24 12:28:18 UTC
From: dhughes@prairienet.org
Message-ID: <2ms112$q65@vixen.cso.uiuc.edu>
Source record: 276136

>Unfortunately, it does not mention the model name on my Dak catalog.
>$249 is the price.
>
>James Choi

James, somebody has posted that DAK will take orders for items they do not have in stock. I ordered a radio earlier this week from DAK, and here is how my conversation with the order clerk went:

"I'd like to order item number such-and-such."

"Let me check to see if that item is available." (Pause.) "Yes, sir, I am showing that you may order that item at this time."

"Do you have it in stock?"

"My computer is showing that you may place an order for that item right now."

"BUT DO YOU HAVE IT IN STOCK?"

(Pause.) "Sir, I don't know."

I went ahead and ordered, after demanding confirmation that my credit card would not be charged until the item was shipped. Since I'm in no hurry for the radio, I don't mind waiting. But I'd be really ticked off if I was in a rush to get an item and they misled me like this woman tried to do. ---Dan
--

1981. Re: [q] Freq of public GRMS ?

Newsgroup: rec.radio.scanner
Date: 1994-03-24 12:47:45 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.60.000CCC28@ccm.hf.intel.com>
Source record: 276149
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Mar24.114752.127538@yuma> zt458151@lance.colostate.edu (zhiyu tan) writes:

>Could someone please post the frequences of public VHF, UHF GRMS and
>UHF Business band also? I believe those frequences do not required a
>license to operate.

>Thanks a million

While I don't have the frequencies handy, rest assured that you DO need a license to operate on all these bands. To my knowledge, the only bands that do not require a FCC license (in the US, of course) are the CB band, and the two "garbage" bands: 900MHz cordless phones, and 46/49 MHz stuff. There may be some scientific research frequencies that don't require a license, but I can't remember for sure.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1982. Re: YUPITERU Case

Newsgroup: rec.radio.scanner
Date: 1994-03-24 13:30:48 UTC
From: schuster@panix.com
Message-ID: <2ms4m8$6lp@panix2.panix.com>
Source record: 276137

In article <70c_9403231706@blkcat.fidonet.org>,
Paul Brzonkala <Paul.Brzonkala@f239.n109.z1.fidonet.org> wrote:
> WANTED
>
> Looking for a way to protect my new on-the-road scanner. My
>Yupi just came in from Javiation (UK) and I'm worried about cabinet
>abuse. Who makes a protective case? ACE Communications says they have
>one but don't (that ain't no surprise!). Anyone have any ideas?

Javiation sells both vinyl and leather cases for the 7100 ... why didn't
you ask HIM?

> Can you believe that the guy at ACE said to go to a leather
>shop and have one custom made...PLEEAAASSSEEEEE.....

Still another reason not to deal with ACE....

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1983. Re: Question about ICOM R7000

Newsgroup: rec.radio.scanner
Date: 1994-03-24 13:31:24 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.62.000D866A@ccm.hf.intel.com>
Source record: 276150

In article <2mscrdINNrqk@puff.genrad.com> wal@genrad.com (William A. Ledder) writes:
> Am I doing something wrong, or does the R7000 really have no
>honest to goodness delay scanning function? If not, Icom really
>missed the boat on this one.

Yes, Icom missed the boat. It appears that the R7000 was not designed to be a scanner, but rather a comm. receiver. There are 2 solutions that I know of.

1. I have heard there is a mod than can add a 2-second delay, like normal scanners - I might have this mod, but I'd have to check.
2. Get computer control (with the CI-V interface). IMO, this is the only way to scan with an R7000. The 99 memories and only 1 "bank", are very limiting without PC control.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1984. RS Pro-2020 modifications and information

Newsgroup: rec.radio.scanner
Date: 1994-03-24 13:43:00 UTC
From: ctuttle@newmen.mmm.com
Message-ID: <24MAR199407433175@newmen.mmm.com>
Source record: 276138

I did a quick scan of available messages but didn't see any information
on the RS Pro-2020. Any modifications available for cellular freq, scan
rates, and etc??

Also I have noticed when scanning 49-50 MHZ that there are numerous intercoms
and etc.. but the audio is very weak. Are these FM, AM or what? Anyway
most signals aren't readable.

Any info would be appreciated.

Craig
cltuttle@mmm.com
WD0BLS

1985. Re: Icom R-7100 MODS

Newsgroup: rec.radio.scanner
Date: 1994-03-24 13:49:45 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Mar24.134945.4885@rsd.dl.nec.com>
Source record: 276139

In article <ZI2PByN.philscott@delphi.com> philscott@delphi.com writes:
>Greg, Am thinking of buying an R7100 before the ban, do u love yours
>$1200 worth? R U controlling it w/ PC software? Which one? Any sug-
>gestions on buying one- source, right price, etc.? Thanks...you could answer
>here or email to pscott@wellfleet.com
>Thanks and CUL Phil Scott N3KDJ

Well, the good news is that the R7x00 will still be available after the
ban date since neither are listed as scanners by the FCC. They are
communications receivers :-)

dave

1986. Re: R100 vs. AR3000A vs. PRO-2006

Newsgroup: rec.radio.scanner
Date: 1994-03-24 13:50:29 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.63.000DD7CA@ccm.hf.intel.com>
Source record: 276151

In article <1994Mar24.153456.20264@erenj.com> (EWC) writes:

>Can anyone lend some advice concerning a choice between the three? My
>brother plans to purchase within the week and is split between the
>advantages/disadvantages/cost. Any suggestions appreciated, including the
>lowest $ supplier. Thanks in advance!

As far as which one is better, I'd say:
1. AR3000A
2. 2006
3. R-100

As far as VALUE, I'd say:
1. 2006
2. AR3000A
3. R-100

unless HF is important enough to tip the scales in favor of the 3000A. The
R-100 has no BFO, so HF is of limited use.

The R-100 IS a good radio, but not a great scanner WRT: User interface,
channels, banks. etc

For Prices, check Grove, Marymac, EEB, Universal Radio

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

1987. Re: MVT-7100 -- A new Toy (Wow)! Need Some Help!

Newsgroup: rec.radio.scanner
Date: 1994-03-24 13:52:50 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Mar24.135250.4951@rsd.dl.nec.com>
Source record: 276140

In article <post1-230394144812@132.226.102.82> post1@ID1.AL.ALCOA.COM (James C. Post) writes:
>I just recieved my MVT-7100 and WOW what a difference from my old Bearcat
>which had 10 channels and used crystals. Very nice unit!
>
>No matter how strong the signal indication on the meter is, there is (would
>be) a high pitch almost whistling background noise accompaning the
>transmission. Any one have any ideas on what this might be and how to
>illiminate it. Could it be the telescoping antenna? I was (would be) a
>little disappointed by the clearity of the reception, but really don't know
>if I should be. In my car alot of "broken" up transmission.

I have both an R7100 and an MVT7100 and neither suffer from this noise.
Do you have anything else in your shack which could be causing the
interference?

dave

1988. REVIEW: Camnis HCS-050

Newsgroup: rec.radio.scanner
Date: 1994-03-24 14:13:35 UTC
From: schuster@panix.com
Message-ID: <2ms76f$8ca@panix2.panix.com>
Source record: 276141

Re-posted:

Fm: Jeff Goldman (76703.4224@CompuServe.COM)
To: All

There's a new full coverage handheld scanner, available from Javiation and ACE Communications! It is made by Nissei Electronics, the same company that made the AR1000/1500/2000/2500/2800. This one is definitely better than those, yet still exhibits some of the strange quirks (odd-acting squelch action), though to some degree these are alleviated by using the Attenuator button. It doesn't attenuate the signal very much, though just enough to get get rid of overload.

The Camnis HCS-050 (Javiation) and Trident TR2400 (ACE) have uncut coverage from 100kHz thru 2060MHz, though they are deaf on LW and MW. SW reception is pretty good and VHF/UHF sensitivity is excellent on most freqs.

The Nissei handhelds have 1000 channels with 10 Scan banks and 10 Search banks. Like in the AR1000, you may link any Scan or Search banks. And you can lockout up to 50 freqs per Search bank. Programming is easier and more logical than with the AR1000, though it still isn't as simple as the Yupi or RS scanners.

This scanner is powered by 4AAs. 600mAH nicads (Hitanica brand) are included with both the Camnis and Trident. Also, an ok-for-USA AC adapter, 12 cig lighter adapter, carrying strap, earphone, and rubber duckie are included. No carrying case is included. The scanner's construction is quite good (seems to be higher quality plastic than the Yupi's) and the audio quality is very good, almost as good as the Yupi's. On 800MHz <g>, audio is NOT distorted like on the Yupi at times.

Pricing from ACE is $500 plus shipping and from Javiation is around $465 INCLUDING shipping. Both include English language manuals. And both units are completely uncensored. Increments may be set from 1-999kHz.

The Camnis/Trident has some really neat features, like the ability scan FROM any channel TO any channel. Also, YOU may determine -at any time- what mode you want the scanner to "wake up" in (ie scan, search, manual).

Modes are AM, NFM, WFM, and SSB/CW (with BFO knob). No problem picking up and tuning in 20m Hams, for instance.

I like the new Camnis a lot. True, it isn't a Yupiteru MVT-7100, but it doesn't cost as much either. And it does several things that you can't do on a Yupi (ie linking Search banks, switchable display light!, Channel linking, selectable wake up mode, and variable Delay 0-15 seconds). Most importantly, according to Terry Kenny in LA, the Nissei handheld is CLEAN on 470+MHz!!! This is important in NYC, too, as well as other cities with lots of UHF activity up there. (The Yupi is infamous for intermod in that freq area.)

Overall, the Camnis/Trident is an exciting addition to the world of continuous coverage scanners. Too bad it'll only be available for sale in this country -uncensored- for the next month!

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1989. Icom R-7000/7100 Banned????

Newsgroup: rec.radio.scanner
Date: 1994-03-24 15:22:52 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <1994Mar24.152252.95500@yuma>
Source record: 276142

In article <1994Mar24.134945.4885@rsd.dl.nec.com> dave@rsd.dl.nec.com (Dave Rogers) writes:
>In article <ZI2PByN.philscott@delphi.com> philscott@delphi.com writes:
>>Greg, Am thinking of buying an R7100 before the ban, do u love yours
>Well, the good news is that the R7x00 will still be available after the
>ban date since neither are listed as scanners by the FCC. They are
>*communications receivers* :-)
>dave

In the AES ad in the April QST, there's a box that says 'Last Chance on ICOM recievers and selected Handhelds, buy now before the FCC law...' and they list the R-1,100,7000,7100,9000 and some HT's.
I haven't had a chnace to call AES yet, but I'm going to.
Galen, KF0YJ

1990. Question about ICOM R7000

Newsgroup: rec.radio.scanner
Date: 1994-03-24 15:50:05 UTC
From: wal@genrad.com
Message-ID: <2mscrdINNrqk@puff.genrad.com>
Source record: 276143

Hello netters.

I have just recently acquired an ICOM R7000 multi-mode receiver/scanner. I was playing around with the scanning operations and think I've found something annoying.

My question is : Is there a delay scan mechanism which works the way one would expect?

There is a delay scan control which has 4 positions: Off, 5 sec, 15 sec, and infinity.

Off - Scan stops when a signal is heard and restarts when carrier drops.

5 sec - Scan stops when a signal is heard and restarts after 5 seconds, regardless of whether or not there is still a signal.

15 sec behaves like 5 sec.

Infinity - Scan stops when a signal is heard and does not restart.

I was expecting the 5/15 sec operations to stop the scan when a signal is heard and wait 5/15 sec after the carrier drops and restart the scan if nothing is heard. If something is heard during that period, the scan should still be stopped and the "clock" doesn't start again until the carrier drops again. This is what I think of when I hear the term delayed scan.

Am I doing something wrong, or does the R7000 really have no honest to goodness delay scanning function? If not, Icom really missed the boat on this one.

Thanks in advance.

Bill Ledder
wal@genrad.com

1991. Re: Icom R-7000/7100 Banned????

Newsgroup: rec.radio.scanner
Date: 1994-03-24 17:16:46 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Mar24.171646.7570@rsd.dl.nec.com>
Source record: 276144

In article <1994Mar24.152252.95500@yuma> galen@picea.CFNR.ColoState.EDU (Galen Watts) writes:

>In the AES ad in the April QST, there's a box that says 'Last Chance on ICOM
>recievers and selected Handhelds, buy now before the FCC law...' and they list
>the R-1,100,7000,7100,9000 and some HT's.
>I haven't had a chnace to call AES yet, but I'm going to.
>Galen, KF0YJ

Well, of course evryone could be wrong, but one MT article and a
conversation with a local dealer both indicate that the R-7000, R-7100
and R-9000 will still be available after the ban. It may have to do with
the type acceptance they qualified for originally, i.e., general
coverage communications receiver vice hand-help spy toy :-)

dave

1992. Re: Pro 43 stuck key

Newsgroup: rec.radio.scanner
Date: 1994-03-24 18:13:04 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Mar24.181304.26447@news.csuohio.edu>
Source record: 276145

rohvm1.mahgvb@rohmhaas.com writes:
: The #3 key on my Pro-43 will not work. Any suggestions? What about
: warranty? Thanks.
:

Warranty should cover it, if still good. If you have lots of freqs.
programmed in, it may be worth it to take the thing apart (but be
careful!!) and try to clean off the contact, both surfaces (the
conducting part of the bottom of the button as well as the contact
surface on the board underneath). I'd use a damp (water) clean
cloth (not paper towel) and wipe gently, let dry. Reassemble
and see how it works. If still inoperative, then return to RS.
If it's been this way since you bought it, look for a buggered up
circuit board trace around the area of the button. If found, probably
return it, since circuit traces are tricky to fix but can be done.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

1993. frequency request

Newsgroup: rec.radio.scanner
Date: 1994-03-24 19:07:23 UTC
From: donnell@crd.ge.com
Message-ID: <donnell-240394141656@kwb2-11.crd.ge.com>
Source record: 276147

Could someone send me or post the frequency for Scotia and Glenvill police departments (Schenectady County) in New York. If it makes a difference, it's for use with a Bearcat 16 scanner. Thanks in advance.

Barbara

1994. Beginner book for sale & misc

Newsgroup: rec.radio.scanner
Date: 1994-03-24 19:14:07 UTC
From: msadkins@mtu.edu
Message-ID: <2msopv$7og@pace2.cts>
Source record: 276148

I have some more stuff for sale.....

Star Trek I,II, IV, and VI played only two or three times - $10 a piece

SOLD Star Trek:TNG Encounter at Farpoint and Haven/Where no one has
gone before - Star Trek:TNG case and packaging.....$5 a piece
SOLD Batman Returns: $5
SOLD Star Trek, The Menagerie parts 1 & 2 (first episode) in wrapping, in
video club box....$10......

New Novice Voice Class FCC License Preparation
by Gordon West, WB8NOA, includes 2 code tapes, text, and question pool
$10 o.b.o.
Betty BEarcat National Police Frequency Directory - $10

--
Matthew S. Adkins Technician
Michigan Tech University, CS Major MTU Sound & Light Services
Internet: msadkins@major.cs.mtu.edu Internet: msadkins@mtu.edu

"As MTU has no opinions, my opinions "The fastest way to accelerate a
couldn't possibly be theirs." Macintosh is 9.8 m/s^2."

1995. Re: Icom R-7100 MODS

Newsgroup: rec.radio.scanner
Date: 1994-03-25 01:24:42 UTC
From: mlf@infi.net
Message-ID: <mlf.764558682@wyvern.wyvern.com>
Source record: 276152

dave@rsd.dl.nec.com (Dave Rogers) writes:

>Well, the good news is that the R7x00 will still be available after the
>ban date since neither are listed as scanners by the FCC. They are
>*communications receivers* :-)

>dave

Hmmm. I talked to a gentleman at Grove earlier this week. He said they
had bought the last group of R7100s that Icom had.
73 de mark KD4GGP
--
"Ad Astra, Per Aspera"

1996. Re: Icom R-7100 MODS

Newsgroup: rec.radio.scanner
Date: 1994-03-25 01:53:27 UTC
From: schuster@panix.com
Message-ID: <2mtg6n$bvm@panix2.panix.com>
Source record: 276153

In article <mlf.764558682@wyvern.wyvern.com>,
Mark Filteau <mlf@infi.net> wrote:
>dave@rsd.dl.nec.com (Dave Rogers) writes:
>
>
>Hmmm. I talked to a gentleman at Grove earlier this week. He said they
>had bought the last group of R7100s that Icom had.

Last year they announced they had bought out Radio Shack's "last" shipment
of PRO-2006's. The next month they published a retraction.

Take what Grove tells you with a grain of salt, on this type of thing.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

1997. Re: Need help to get Full US CD online

Newsgroup: rec.radio.scanner
Date: 1994-03-25 06:01:46 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar25.010146.1@uoft02.utoledo.edu>
Source record: 276154
Cross-posted to: rec.radio.scanner,alt.radio.scanner

> otto@wpxi.pgh.net.com wrote:
>
> : > I just got my full US index CD of 3 million (!) FCC records for the
> : > whole US. I'd like to make it available over the internet (...)
>
> : David, where did you get your CD, and how much did it cost? Does it cover all
> : services? Also does it supply transmitter latitude/longitude information?
>
> : Thanks!

I 'captured' a post from the net reviewing the different sources of FCC data made by various companies. This info would be very beneficial to the above poster, and I tried to send it to him, but it bounced. If he/she would like this info, I would be more than happy to send him the post!

--
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Packet Network)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

1998. Import Ban

Newsgroup: rec.radio.scanner
Date: 1994-03-25 06:10:33 UTC
From: meyer@emanon.cs.jhu.edu
Message-ID: <2mtv8p$o5b@blaze.cs.jhu.edu>
Source record: 276155

Correct me if I am wrong, but doesn't this ban apply only to
scanners/recievers (whatever) which are imported by a company for sale.
If you lived in say, England, and owned one, and moved into the US, wouldn't
it be legal to take it into the US. If this is the case, why can't you
find a friend or relative (out of company), who can buy this equipment
and send it to you as a gift.

Dan

1999. Re: 2 meter HAM as Scanner

Newsgroup: rec.radio.scanner
Date: 1994-03-25 06:31:32 UTC
From: pckwong@hkuxb.hku.hk
Message-ID: <Cn7JGL.F3q@hkuxb.hku.hk>
Source record: 276156

Randy (randy1314@delphi.com) wrote:
: I have seen several adds discussing the fact that a couple of the
: handheld Icom HAM radios are also capable of receiving and scanning
: other frequencies and even the 800mhz cellular band and was wondering
: if they are actually being used as such and if they can compete with
: a radio built only as a scanner fo performance.

I just saw some 2m HT with 430 MHz Rx capability but not
800 MHz. Which brand & model you saw get that?

Philips Wong, VR2XVI

2000. Uniden MR 8100A

Newsgroup: rec.radio.scanner
Date: 1994-03-25 08:39:45 UTC
From: Mark <CCS_MAH@ADMIN.FANDM.EDU>
Message-ID: <1994Mar25.133946.740@acad.fandm.edu>
Source record: 276157

Hi,

Anyone have any knowledge or experience with the uniden MR 8100A? My "Scanner World" catalog gives the basics, but I still have a few questions:

1. Is this a double or triple conversion radio?
2. How is it with intermod? This is most important since I live in an area that's saturated with FM broadcast RF.
3. Full 800 mhz coverage or restorable?
4. Good quality?
5. How's the reception for distant public service stations and 2 meter ham?

thanks in advance! Mark

2001. Re: BC2500XLT mods in Bay Area

Newsgroup: rec.radio.scanner
Date: 1994-03-25 09:07:20 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.67.00091F8C@ccm.hf.intel.com>
Source record: 276170
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <1994Mar23.235201.26546@Cadence.COM> landon@Cadence.COM (Brad Landon) writes:

>Anyone out there know of a reliable person who does mods of BC2500XLT?

You can take it to Scanners Unlimited in San Carlos (on Laurel St.) or give
Bob Kelty a call (in San Jose). Bob's number is 408-269-5841.
My guess is that they will charge $20-$25.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2002. Cheap Scanner? Best Value?

Newsgroup: rec.radio.scanner
Date: 1994-03-25 10:43:18 UTC
From: rainey@vax.sonoma.edu
Message-ID: <1994Mar25.024318.1@vax.sonoma.edu>
Source record: 276158

What is the best scanner you can get for under $100.00. Now please, no snickering. I own a PRO-43 but I'm looking for something cheap and simple to lug around in the rain/mud/Mbike... Any suggestions would be greatly appreciated.

2003. PRO-51 -- Any news on performance?

Newsgroup: rec.radio.scanner
Date: 1994-03-25 10:57:11 UTC
From: ares@bga.com
Message-ID: <2mug28$p6q@giga.bga.com>
Source record: 276159

I'm seriously considering buying the new RS PRO-51 hand-held. I haven't heard much talk about it here. Does anyone have one? If so what kind of reports can you give on its performance? Any severe problems with intermod or any other limitations?
Also, does anyone know if this unit can be easily modified to recover cellular?

--Steve Gibson
--ares@bga.com

2004. Re: Funny Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-03-25 11:18:21 UTC
From: caliban@soda.berkeley.edu
Message-ID: <caliban.764594301@soda>
Source record: 276160

last night while scanning but not really paying
close attention, i suddenly noticed that an sfpd
dispatcher was making snoring sounds over the air...

cali

2005. Re: [Opinion] What about BC100XLT?

Newsgroup: rec.radio.scanner
Date: 1994-03-25 12:43:45 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2muma1$rjq@samba.oit.unc.edu>
Source record: 276161

In article <2msola$af3@nova.umd.edu>, Ken Woods <woods@nova.umd.edu> wrote:
>Does anybody have an opinion on this 100-ch handheld??
>Is it a good deal at $135 (US)??
>Mail or post good and bad experiences...
>Thks...
>
>--
>|Ken Woods WOODS@NOVA.UMD.EDU |68 VW Baja....Don't laugh, it's|
>|CS Student-U Of Maryland |quicker than you think..... |
>|Computer Specialist-IHDIV NAVSURFWARCEN SDA!! |
>|Drag Racer-All Over "Red..Red..Yellow...Yellow...Yellow........" |

For 135, it's not too bad. There's no 800 coverage, but other than that, my only gripe is all the intermod and images. It's a double-conversion scanner, and my primary problem is the air band showing up smack dab in the middle of the 155 police range. One local freq used by united air walks in on my local police dept. freq. It doesn't overpower the police, but it's enough to break squelch and be quite understandable when the police aren't talking.

Good points: easy to modify for several things: backlight switch to keep it lit all the time; (if it's the right board) add 100 memory channels to make it the full 200; change the crystal controlling the computer to make it ~42 channels/sec scan; reception of 66-88 MHz instead of 29-54MHz (but since coils, etc. are different, reception is not too spectacular). Has a removeable rechargeable battery pack (and people will argue whether that's better or worse than AA packs), 12V plug on back (so can plug straight into car lighter), bright big display, good audio, etc. I got mine new for $95 dollars (store display model, then store went out of business and sold everything for 50% off (tells you a bit about their original highly inflated prices, no?), and have had fun modding it for the past two years.

One side note: since this critter has a removeable battery pack, I finally did something i've wanted to for a while: I carved a base mount for it out of wood (I didn't have any plastic of the right kind) to mimic the top of the battery pack, and put two screws with wires attached where the contacts are. Running wires off from there (making sure on the polarity), I can now power the CPU part with speaker, external power and antenna, all while recharging the pack without the load of the scanner running all the time. So when I go out, I grab the radio unit and the now continuously-fully recharged battery pack. (Don't argue too much about the wisdom of leaving a pack on the charger continuously, please. I'm aware of the possibilities.) Main reason it's nice is that the base now holds the radio unit at just the right angle for viewing, and I can stab at the buttons to stop it from scanning without the scanner falling over.

I found another very important usage for this base during the last major ice storm out here in the western part of Virginia: when we were without power for 3-5 days, and I ran down my battery pack, I put it on my car charger, and simply lined up the older batteries I had lying around (d size, AA, doesn't matter) until I had the proper voltage, and kept happily scanning. (There's a way around the problem of not having AA packs :-)

Sherrod

--

\ The above does not represent OIT, UNC-CH, laUNChpad, or its other users. /

2006. Re: Icom R-7100 MODS

Newsgroup: rec.radio.scanner
Date: 1994-03-25 13:00:04 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Mar25.130004.22187@rsd.dl.nec.com>
Source record: 276162

In article <2mskj3INN7nf@cronkite.Central.Sun.COM> dbernard@thewho.Central.Sun.COM writes:

[snip...]

>
> Have you heard of a specific exclusion by the FCC for this or
> that particular model?

No, like all good radio enthusiasts, I stay away from the FCC :-)
However, my local dealer told me that they are still going to sell the
R7100 and R9000 after April 26 based on information they have from Icom.
This was also so stated by Bob Grove in MT a few months ago in one of
his diatribes against the ECPA. There are alos numerous Racal, HP and WJ
receivers that would ostensibly be covered by the ban but are not
because they are *communications receivers*.

The FCC makes numerous type acceptance distinctions about a wide variety
of equipment including computers, TV sets, car stereos, lighting
equipment and a host of devices which are not what one would normally
consider transmitters or receivers in the general sense.

If WJ et al can no longer make equipment that covers this range how is
the NSA gonna listen to your momma talking to the Ruskies about Rush
Limbaugh dating Hillary Rodham in high school???

dave

2007. Re: 2 meter HAM as Scanner

Newsgroup: rec.radio.scanner
Date: 1994-03-25 13:00:49 UTC
From: jhobson@su19f.ess.harris.com
Message-ID: <jhobson.44.2D92E07C@su19f.ess.harris.com>
Source record: 276163

In article <Cn7JGL.F3q@hkuxb.hku.hk> pckwong@hkuxb.hku.hk (VR2XVI) writes:

>Randy (randy1314@delphi.com) wrote:
>: I have seen several adds discussing the fact that a couple of the
>: handheld Icom HAM radios are also capable of receiving and scanning
>: other frequencies and even the 800mhz cellular band and was wondering
>: if they are actually being used as such and if they can compete with
>: a radio built only as a scanner fo performance.

> I just saw some 2m HT with 430 MHz Rx capability but not
> 800 MHz. Which brand & model you saw get that?

IC-2SRA has 2m xcvr (with 136-174 MHz receive NBFM),
plus 25-950 MHz receiver (AM, NBFM, wide FM)
IC-4SRA has 70cm xcvr (with ??? receive) plus the same 25-950 MHz receiver.

Harv

```
::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
: Harv Hobson : Interests: Amateur Radio, : jhobson@su19f.ess.harris.com :
: WB4NPL : Barbershop Quarteting, : harris.jhobson@ic1d.harris.com :
: 407-727-6642 : Bible Study, Parenting : :
: Palm Bay FL : : :
::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
```

2008. Re: Icom R-7000/7100 Banned!!!!

Newsgroup: rec.radio.scanner
Date: 1994-03-25 13:07:00 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Mar25.130700.22575@rsd.dl.nec.com>
Source record: 276164

In article <2mtee3$bf@umcc.umcc.umich.edu> lbutler@umcc.umcc.umich.edu (Les Butler) writes:
>
> Well, I have seen a memo from Icom to a local retailer. It states that
>as of the cutoff date all 700 and 7100's will have the entire 800 to 900
>Mhz section deleted from their coverage. They state that they are not
>redesigning the radios. Also the 9000 will NOT BE SOLD to private parties
>after the cutoff, it will be sold to the government accounts but not
>commercially. I know it seems hard to believe but thats what the memo
>said. They won't sell many 7000 or 7100 without the trunked police band
>but I'm sure they may wake up shortly..
>

Then I would guess that Tucker Electronics in Dallas will be having a firesale one these things when he gets the straight skinny. They apparently have quite a few. Gee, I wonder if he would take $1500 for the R9000 :-)

dave

2009. BC-70XLT mods

Newsgroup: rec.radio.scanner
Date: 1994-03-25 13:37:43 UTC
From: g4430f18@g4430f18.esr.hp.com
Message-ID: <2mupf7$jq0@a4430ux.esr.hp.com>
Source record: 276165

I have a BC 70XLT that I've have for some time and I'm wondering if anybody is aware of any mods for this particular unit. I'm specifically interested in the 800 MHz range (mainly for auto racing applications).

The unit itself is a 20 channel handheld and for what I use it for, I don't want to spend the money to purchase a new unit.

Thanks in advance for any help possible help.

Byron Holston
Hewlett-Packard Company
byronh@a4430ux.esr.hp.com
"All opinions and comments are mine and mine only. Not the company I work for."

2010. Re: New Uniden scanners

Newsgroup: rec.radio.scanner
Date: 1994-03-25 13:46:56 UTC
From: djw@unlinfo.unl.edu
Message-ID: <2muq0g$rh5@crcnis1.unl.edu>
Source record: 276166

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>In article <2mn14h$eca@crcnis1.unl.edu> djw@unlinfo.unl.edu (daniel wright) writes:

>> Hiya!! If you want a trap for FM(88-108mhz),try Radio Shack. They
>>sell an FM trap for four or five bucks that works pretty
>>well.....
>>The trap comes with "f" female connctors. I use one or maybe two in
>>series and it really knocks down the FM interference.

>I tried one of those but I found going from an F connector to an N connector
>on my R7000 was too much to tolerate. Without special-ordering expensive
>adaptors, I would have to go: F to BNC to PL259 to N so I gave up on that idea.

>It is taking Grove a long time to get away from thier F connector fettish.
>Their scanner beam still comes with an F connector, as do many of their
>filter/amplifier products. Try finding an F connector for RG-8, or even
>RG-58. Most are made for RG-59 diameter cable.

>Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
>Intel Corp.
>American Fork, UT

Well,Brett,that is a good point about the adapter kludge. I have
bought into Grove's philosophy about using RG-6 type cable with the
"f" connectors. I bit the bullet and bought some f to n adapters
for the r7000 and 7100 and the setup seems to work just fine. I know
that the cable is "75 ohm" cable,but there are a lot of factors that
affect what an antenna SYSTEM's impedance is at any particular
frequency. The best way to go,of course,would be 9913 cable with
"N" connectors at the antenna and at the receiver. Someday,when I have
a lot of time I need to replace my feedlines and connectors.....it's
been a while. Good Luck es 73.......Dan-WA0JRD

2011. BC 70 XLT not working

Newsgroup: rec.radio.scanner
Date: 1994-03-25 14:20:42 UTC
From: geiste@hsi.com
Message-ID: <Cn856J.HI0@hsi.com>
Source record: 276167

When powering up my BC 70 XLT, it will display the 1st freq but won't scan. There's no volume also. You can step through the freqs by hitting MAN or hitting scan. Since there's no volume, I can't tell if it's receiving anything either. Search won't work either.

Everthing else seems to work properly. Just no scan, search, and volume (what's left? :-)).

The problem started after unplugging it from being charged and turning it on.

Any ideas?

Thanks!
Doug

(Please email responses)
--
Doug Geiste
3M Health Information Systems geiste@hsi.com
Wallingford, Connecticut USA

2012. Re: ADVICE on BUYing SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-03-25 14:45:37 UTC
From: copeland@metronet.com
Message-ID: <Cn86C1.Czv@metronet.com>
Source record: 276168

In article <764538321.AA06297@rochgte.fidonet.org>,
David Stark <David.Stark@p2.f333.n2613.z1.fidonet.org> wrote:
> > From: rats@cbnewsc.cb.att.com (RS PRO-2004)
> > Organization: AT&T
>
> > The PRO-2004 has mediocre sensistivity, made even worst by
> > desensitizing
> > in the presence of strong FM stations. It is advised to use an FM
> > trap
>
> Or use the attenuator switch on the back of the radio. I get excellent
>performance from both the '2004 and '2006 with the attenuator on.
>

On my 2006, if I have the attenuator switch on, I loose a large
percentage of the things I can pickup. Only the strongest signals get
through.

2013. Re: Import Ban

Newsgroup: rec.radio.scanner
Date: 1994-03-25 16:03:42 UTC
From: danny@netcom.com
Message-ID: <dannyCn89y6.Dx9@netcom.com>
Source record: 276169

Daniel Meyer (meyer@emanon.cs.jhu.edu) wrote:
: Correct me if I am wrong, but doesn't this ban apply only to
: scanners/recievers (whatever) which are imported by a company for sale.
: If you lived in say, England, and owned one, and moved into the US, wouldn't
: it be legal to take it into the US. If this is the case, why can't you
: find a friend or relative (out of company), who can buy this equipment
: and send it to you as a gift.

: Dan

This hasn't been tested yet, but your supposition _does_ apply to bringing in for personal user radio gear that has not been FCC type accepted. When I had someone purchase an early Icom R1 for me in Japan, the customs form had a blank for this personal use issue, thereby bypassing the need for type acceptance. I guess it's a question of someone willing to be the first guinea pig on this regulatory issue.

Not me!

2014. Re: 2 meter HAM as Scanner

Newsgroup: rec.radio.scanner
Date: 1994-03-25 17:19:54 UTC
From: dbernard@thewho.Central.Sun.COM
Message-ID: <2mv6fqINN8sb@cronkite.Central.Sun.COM>
Source record: 276171

In article 2D92E07C@su19f.ess.harris.com, jhobson@su19f.ess.harris.com (Harv Hobson) writes:
>In article <Cn7JGL.F3q@hkuxb.hku.hk> pckwong@hkuxb.hku.hk (VR2XVI) writes:
>
>
>>Randy (randy1314@delphi.com) wrote:
>>: I have seen several adds discussing the fact that a couple of the
>>: handheld Icom HAM radios are also capable of receiving and scanning
>>: other frequencies and even the 800mhz cellular band and was wondering
>>: if they are actually being used as such and if they can compete with
>>: a radio built only as a scanner fo performance.
>
>> I just saw some 2m HT with 430 MHz Rx capability but not
>> 800 MHz. Which brand & model you saw get that?
>
>IC-2SRA has 2m xcvr (with 136-174 MHz receive NBFM),
> plus 25-950 MHz receiver (AM, NBFM, wide FM)
>IC-4SRA has 70cm xcvr (with ??? receive) plus the same 25-950 MHz receiver.
>
>Harv
>

These bad juniors are also ban bait, or so says the guy from my
local AES outlet 5 minutes ago. Guess I'll never get to get one (sigh).

2015. Re: Import Ban

Newsgroup: rec.radio.scanner
Date: 1994-03-25 17:42:03 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Mar25.174203.8564@news.csuohio.edu>
Source record: 276172

meyer@emanon.cs.jhu.edu (Daniel Meyer) writes:
: Correct me if I am wrong, but doesn't this ban apply only to
: scanners/recievers (whatever) which are imported by a company for sale.
: If you lived in say, England, and owned one, and moved into the US, wouldn't
: it be legal to take it into the US. If this is the case, why can't you
: find a friend or relative (out of company), who can buy this equipment
: and send it to you as a gift.
:
: Dan

I'll bet that will work, since:

1. It's not illegal to OWN a cellular-capable scanner, and since it
was GIVEN to you as a gift. It simply is on it's way across the
pond to you.

2. I believe the import ban is for retail sales, which would
logically include a gift. Getting it thru customs may be
an issue, don't know if the FCC addressed that part of it.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

2016. Re: Import Ban

Newsgroup: rec.radio.scanner
Date: 1994-03-25 19:57:52 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Mar25.195752.13133@news.csuohio.edu>
Source record: 276173

mike@garfield.csuohio.edu (Mike Mayer) writes:
: meyer@emanon.cs.jhu.edu (Daniel Meyer) writes:
: : Correct me if I am wrong, but doesn't this ban apply only to
: : scanners/recievers (whatever) which are imported by a company for sale.
: : If you lived in say, England, and owned one, and moved into the US, wouldn't
: : it be legal to take it into the US. If this is the case, why can't you
: : find a friend or relative (out of company), who can buy this equipment
: : and send it to you as a gift.
: :
: : Dan
:
: I'll bet that will work, since:
:
: 1. It's not illegal to OWN a cellular-capable scanner, and since it
: was GIVEN to you as a gift. It simply is on it's way across the
: pond to you.
:
: 2. I believe the import ban is for retail sales, which would
: logically include a gift. Getting it thru customs may be
^^^^^^^^^^^^^^^^

Whoops, I caught my own typo - I really meant:
"...logically NOT include ..."

Mike

: an issue, don't know if the FCC addressed that part of it.
:
: Mike
:
: --
--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

2017. Re: Closed Headphones

Newsgroup: rec.radio.scanner
Date: 1994-03-25 20:59:15 UTC
From: damelio@bedford.progress.com
Message-ID: <2mvjb3$rbc@progress.progress.com>
Source record: 276174

Lynn P. Martin (lpmartin@garnet.msen.com) wrote:

: Can someone let me know where I can get a pair of closed headphones for my
: BC200XLT scanner. Indy is a VERY loud place.

Race-Scan Communications 1-800-441-2841

RaceTech 1-800-421-3769

Racing Radios 1-800-669-1522

Hope this helps.

--

-=-
Steve D'Amelio
damelio@bedford.progress.com

Bump steer: How Dale Earnhardt gets through a turn. Just say no to #3
=-=

2018. Can you intercept...

Newsgroup: rec.radio.scanner
Date: 1994-03-25 21:53:27 UTC
From: aa400@FreeNet.Carleton.CA
Message-ID: <Cn8q53.4xL@freenet.carleton.ca>
Source record: 276075

Okay...here I go, showing my technical ignorance...

Is it possible to intercept data transmitted from MDT's? It would appear to me (with my limited understanding) that these "radio signals" could be received, and translated by a third party.

This, to me, would be a very scary thought, if, it was indeed possible.

Thanks for any "input"

--

Bob P. Antonietti

2019. Re: Thanks! (Re: Cheap SW Rx)

Newsgroup: rec.radio.scanner
Date: 1994-03-26 02:14:19 UTC
From: k9b@delphi.com
Message-ID: <9403252112591.k9b.DLITE@delphi.com>
Source record: 276076
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Gerald,
Is that why you want to keep it under $100.00. You don't want your
wife to kill you. Not to worry. We've all been killed a few times
and were still listening.
John K9BNF Milwaukee, Wis K9B@delphi.com

2020. Re: Why is Uniden discontinuing the XLT-2500

Newsgroup: rec.radio.scanner
Date: 1994-03-26 02:37:20 UTC
From: schuster@panix.com
Message-ID: <2n0750$6sk@panix2.panix.com>
Source record: 276077

In article <Cn7s2G.8ns@hpcvsnz.cv.hp.com>,
mike phillips <mphillips@hpcvoab.cv.hp.com> wrote:
> So have XLT-2500 on layaway and tonight on
>the Art Bell AM talk radio show I heard Uniden
>would be or already has discontinued this model.
>
> Its supposed to have something to do with some
>ban taking effect in April.
>
> Anyone have any information to enlighten me on
>this subject.

Cellular restoration is too easy.

They'e also killed off the 8500, since it is damn near deaf.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2021. AOR scanners services ????

Newsgroup: rec.radio.scanner
Date: 1994-03-26 02:42:31 UTC
From: pckwong@hkuxb.hku.hk
Message-ID: <Cn93Iv.3zA@hkuxb.hku.hk>
Source record: 276078

Hi!

My AOR scanner need repair, anybody know the place? In Boston area or San Jose (CA) since I travelling between these 2 places. Thanks in advanced!

- Philips Wong, VR2XVI

2022. Re: Scanner Ban misunderstanding

Newsgroup: rec.radio.scanner
Date: 1994-03-26 03:15:23 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2n09cb$ehe@umcc.umcc.umich.edu>
Source record: 276079

It's ok Brett. I can't afford one either. It is a great radio though.

2023. Santa Cruz, CA Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-03-26 04:18:17 UTC
From: mackdad@cats.ucsc.edu
Message-ID: <2n0d29$r92@darkstar.UCSC.EDU>
Source record: 276080

Does anyone out there have interesting frequencies for the greater
Santa Cruz area?

julian
mackdad@cats.ucsc.edu

2024. Re: Why is Uniden discontinuing the XLT-2500

Newsgroup: rec.radio.scanner
Date: 1994-03-26 05:30:20 UTC
From: msaran@pt.olympus.net
Message-ID: <2n0h9c$a3f@olympus.net>
Source record: 276081

Law or no law the 2500 WAS a dog and reason enough to trash it.
--
Mark Saran
msaran@pt.olympus.net

2025. AOR 1500 Replacement ???

Newsgroup: rec.radio.scanner
Date: 1994-03-26 05:40:30 UTC
From: Randy <randy1314@delphi.com>
Message-ID: <xiysZcW.randy1314@delphi.com>
Source record: 276082

I called AceComm today to order a TridentTR 1500 (same as AOR 1500) and they told me that the 1500 was discontinued and replaced with the 2400. It is a handheld unit covering the same area as the 1500 but with added improvements, what that means she didn't say. Well does anyone know anything about this unit. I hope I didn't just get hit with the old bait and switch.

I do know that ACE is carrying the Tridents because they lost there franchise agreement with AOR and that Trident is exactly the same on the insides. Guess I'll
know for sure on Monday or Tuesday. <G> Pray for me.

2026. Building Your Own Antenna?

Newsgroup: rec.radio.scanner
Date: 1994-03-26 11:21:46 UTC
From: nelsonf@netcom.com
Message-ID: <nelsonfCn9rKB.Duy@netcom.com>
Source record: 276083

Can someone recommend a cheap easy way to build an antenna for my PRO-39 scanner? I bought the coil whip and it's definately better than the rubber duck but I desire a little more range. Thanks.

--

Nelson Fernandez nelsonf@netcom.com

2027. Re: Wanted: Info on Icom R-1 mod

Newsgroup: rec.radio.scanner
Date: 1994-03-26 12:18:57 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <764684337snz@javiaton.demon.co.uk>
Source record: 276084

In article <2mq712INNk9@newsstand.cit.cornell.edu>
Schaff@iiiv.tn.cornell.edu "Bill Schaff" writes:

>I am looking for reports on the effectiveness of the !roofing filter!
>modification for improving intermodulation response for the Icom R-1.
>
>I would like to locate a source for the hardware for this modification. I
>have been told that Raycom advertised this modification in MT c. 1991.
>Who/where is Raycom?
>
>Many thanks.
>

Raycom, as such are no longer. Several years back they were
"taken over" by Icom UK (with a little bit more to it than that !)
I beleive Ray Withers (Mr Raycom) continued to be involved in
commercial PMR but I'm not too sure.

The "Raycom" shop still exists but, as I say under the Icom UK banner
but as far as I am aware they no longer offer the mod to new or old R-1's

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\--/

2028. Icom 7000 vs. Icom 7100

Newsgroup: rec.radio.scanner
Date: 1994-03-26 14:08:32 UTC
From: kohn@ICSI.Berkeley.EDU
Message-ID: <2n1fl0$q0g@agate.berkeley.edu>
Source record: 276085

What are the main differences between the Icom R7000
and the R7100. Is the R7100 in every way better than
the R7000?
I want computer control and software availablity, etc.
I am also interested in what feedback the computer can
get about a frequency being searched. Can it distinguish
noise from human voices (should be not to hard) - or
estimate the signal/noise ratio (there are some fairly
simple methods to do this involving histograming the digital
audio data...)? I want to be able to automatically search
for frequencies and record the ones that machine at computer
defined pattern - is this possible w/o putting the output
of the scanner into an A/D card (maybe not such a bad idea).

What about the R9000? Does anyone want to post the specs
on this one so we can all drool over them. Doesn't it have
a CRT monitor of the spectrum around the tuning point?

Is the AR3000A in the same league as the Icom's?
Should I consider it as well. Is the software support
as good?

Thanks
Phil Kohn

I will gladly summarize emailed responses on request.

2029. looking for n.s. freq database

Newsgroup: rec.radio.scanner
Date: 1994-03-26 15:25:06 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Mar26.112023.1@cad3.uccb.ns.ca>
Source record: 276086

I am looking for a frequency database for the province of Nova Scotia.

I am not shure if such a thing exists, but i'll ask anyway.

If no one has a database list, a paper list would be fine.

I am just interested basically in cb island frequency's but if someone

has the whole province that would be great.

thanks
ron
rling@cad.uccb.ns.can

2030. looking for PC program

Newsgroup: rec.radio.scanner
Date: 1994-03-26 15:30:49 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Mar26.112536.1@cad3.uccb.ns.ca>
Source record: 276087

Does anyone out there know if there is a program for your PC
to organize you frequency's. ex. ch, bank, disc.,band, etc.

thanks

ron

rling@cad.uccb.ns.can

2031. Re: HF Receivers for sale (nice ones!)

Newsgroup: rec.radio.scanner
Date: 1994-03-26 15:32:47 UTC
From: crisp@netcom.com
Message-ID: <crispCnA36n.5oK@netcom.com>
Source record: 276088
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner

In article <crispCn6qqw.9yJ@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>In article <crispCn2usL.48y@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>>Three for sale:
>>
>> Racal RA6793A HF scanning receiver with GPIB interface.
>>
>> Currently manufactured for the Govt agencies such as NSA,
>> FCC etc. Photo on cover of Nov 92 (?) Pop Comm. 19" rack mount
>> full set of filters, advanced self diagnostics even determine
>> filter bandwidth. Top shape, beautiful, works great
>> $1800
>>
>> Kenwood R5000 with full set of Kenwood filters. Great
>> shape includes computer interface too. Loaded receiver,
>> best audio of the tabletops according to Passport review.
>> $775
>>
>> Drake R8 receiver with new ROMs. Great condition, full featured
>> receiver including synchronous detection (works better than my
>> nrd535D's sych detector). Even includes computer interface.
>> $750
>>
>>

The Drake is sold too....

>> Icom R1 scanner with extra battery pack (BP83) and fast charger
>> (Icom) plus the Icom extender to allow fast charger to be used
>> to charge the internal battery. This one has even had the
>> no longer available Raycom (England) roofing filter mod whihc
>> greatly improved the intermod susceptability in the radio.
>> This one has served me well, shows signs of use (such as wear on the
>> buttons) but works flawlessly and is better than a new one in
>> terms of RF performance. Full 800mhz coverage too!
>>
>> $400
>>
>

The R1 is gone (but it really isn't an HF receiver anyway!)

The Racal and Kenwood are still available but have had serious inquiries,
so if you are thinking about making an offer, I suggest doing it soon if
you want one.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2032. pro2006 pc scan info needed

Newsgroup: rec.radio.scanner
Date: 1994-03-26 15:37:50 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Mar26.113318.1@cad3.uccb.ns.ca>
Source record: 276089

Does anyone have their pro2006 scanner connected to a PC.

If so how does it work and how does it hook up to your PC.

I have a pro2006 and a 386dx PC.

What kind of all band antenna would be suitable.

I would appericate any comments on this subject.

thanks
ron

rling@cad.uccb.ns.can

2033. anyone in N.S. reading this

Newsgroup: rec.radio.scanner
Date: 1994-03-26 15:45:57 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Mar26.114106.1@cad3.uccb.ns.ca>
Source record: 276090

Does anyone in Nova Scotia read rec.radio.scanner

please respond!

ron

rling@cad.uccb.ns.ca

2034. antenna for sale

Newsgroup: rec.radio.scanner
Date: 1994-03-27 15:38:00 UTC
From: michael.sloan@canrem.com
Message-ID: <60.3980.5773.0N199CC4@canrem.com>
Source record: 276092

FOR SALE: DISCONE ANTENNA FOR SCANNING, SWR, TRANSMITTING

receives at 25mhz-1300mhz
transmits at 144, 220, 440, 900, 1296 mhz (200watts)
a steal at $50. Can

email or call mike at 416-394-3354 8:00 -4:00pm

2035. what is "ringers at TKO"?

Newsgroup: rec.radio.scanner
Date: 1994-03-27 16:59:39 UTC
From: copeland@metronet.com
Message-ID: <CnC1vG.K03@metronet.com>
Source record: 276093

Seems every paramedic call I here the person on "ringers at TKO"
whatever that means. Every thing from heart attacks to athsma gets this
stuff. What is it?

2036. Re: FM station programming heard on 25.95MHz in AM mode on my '2006

Newsgroup: rec.radio.scanner
Date: 1994-03-27 18:42:46 UTC
From: schuster@panix.com
Message-ID: <2n4k36$cm1@panix2.panix.com>
Source record: 276094

In article <wa2iseCnBBKn.54D@netcom.com>,
Robert Casey <wa2ise@netcom.com> wrote:
>Here in Beaverton Or (next to Portland), found an apparent AM station
>on 25.95MHz playing the same programming as KGON in Portland on 92.3MHz
>FM. I'm not sure if this is a real signal, or some sort of
>strange image of the FM station. I don't have my DX440 handy yet to
>try to tune it in to see if I find it with that.
>
>Anyone hear this AM signal? What explaination for an AM image of an
>FM signal? Would a broadcast station be licensed to operate on 25.95MHz?

It's probably FM, and it's probably a studio-transmitter link ... since
that's the useage that 25.95 MHz is allocated for by the FCC.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2037. TEST (Sorry everyone)

Newsgroup: rec.radio.scanner
Date: 1994-03-27 18:49:04 UTC
From: ckf@christa.unh.edu
Message-ID: <2n4kf0$65j@mozz.unh.edu>
Source record: 276095

```
Sorry everyone, for some reason my net isn't posting my articles as it
usually does!
CF
```

2038. NH Scanner codes PART 2

Newsgroup: rec.radio.scanner
Date: 1994-03-27 18:54:00 UTC
From: ckf@christa.unh.edu
Message-ID: <2n4ko8$67d@mozz.unh.edu>
Source record: 276096

To all those who have or were planning to respnd. to my offer of NH codes, I forgot to tell you that all I have is a HUGE binder full of loose leaf paper, so try not to request the "whole thing" . It would take me days to cover all the material. I'm working on a project right now to post a fairly complete list of all the "major" codes right now. Send specific town requests only and I'll include the State Police, US Forest service, Fish and Game, etc. Again, sorry about the mix up.
Chris Fowler
NHEMT-B
University of NH Serch and Rescue
Ranger: Franconia Notch State Park, NH

2039. Re: PRO-43 MOD...

Newsgroup: rec.radio.scanner
Date: 1994-03-27 19:26:43 UTC
From: tharrell@nmsu.edu
Message-ID: <2n4mljINNlq9@dns1.NMSU.Edu>
Source record: 276097

Derek Buchler (derek.buchler@channel1.com) wrote:
: In a message on 03/20/94, RAINEY@VAX.SONOMA.EDU said to ALL
: References: <1994Mar15.233032.1@vax.sonoma.edu>

: RR> Could some one post the +200 channel MOD for the PRO-43, or send
: RR> them to me... I would appreciate any help...

: Excuse me but this is news to me. If it is not posted publicly,
: forward me one as well. I never heard of the mod to increase the
: channels on the PRO-43.

: Derek
: * RM 1.3 00223 * Documentation: Manufacturer's OPINION of how to do things.

Heck, if there is such a mod, you might as well post it as I (and several
other people) would be VERY interested.

T.J.

2040. Re: what is "ringers at TKO"?

Newsgroup: rec.radio.scanner
Date: 1994-03-27 19:31:01 UTC
From: jacob@mayhem.cwru.edu
Message-ID: <2n4mtl$5m4@usenet.INS.CWRU.Edu>
Source record: 276098

In article <CnC1vG.K03@metronet.com>,
Charles Copeland <copeland@metronet.com> wrote:
>Seems every paramedic call I here the person on "ringers at TKO"
>whatever that means. Every thing from heart attacks to athsma gets this
>stuff. What is it?

An IV infusion of Ringer's Lactate at a "To Keep Open" drip rate,
also know as KVO, "Keep Vein Open". Think of Ringer's Lactate as
sterile, unsweetened, unflavored Gatorade and you won't be too
far off the mark -- it's a common IV solution. The idea is to
establish the IV just in case the patient becomes worse, or
suddenly needs medication, which can then be given through the IV.

--
Catapultam habeo. Nisi pecuniam | Jacob DeGlopper, EMT-A, N3RHI
omnem mihi dabis, ad caput tuum | Case Western Reserve University
saxum immane mittam. | jacob@mayhem.cwru.edu

2041. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-27 19:52:27 UTC
From: tharrell@nmsu.edu
Message-ID: <2n4o5rINNm72@dns1.NMSU.Edu>
Source record: 276099
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

I've thought about doing that before, but I have two questions about it
that I've always wondered about:

1) Does having an FM transmitter so close to the receiving unit generate
any interference or desensitization or anything like that?

2) Is the output of the receiver in mono or stereo? The box wouldn't say
and I didn't feel like asking the RS salesdroid.

It does seem like a pretty good idea.

--
T.J.

P.S. The ignorance of the RS people can be a plus - when I got my Pro-43,
they gave me the display unit (works fine), with the batteries included.

2042. CSUS freuquencies

Newsgroup: rec.radio.scanner
Date: 1994-03-27 19:58:32 UTC
From: newman@netcom.com
Message-ID: <newmanCnCA5K.MF7@netcom.com>
Source record: 276100

Does anyone have the frequencies for Cal State Univ., Sacramento.
I am speecifically looking for:

CSUS Hornet Express Shuttle
Campus Police
Building Maintencence Services
Parking Enforcement

2043. Re: Have you opened your MVT-7100?

Newsgroup: rec.radio.scanner
Date: 1994-03-27 20:55:36 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <764801736snz@javiaton.demon.co.uk>
Source record: 276101

In article <2n3fm5$qbq@umcc.umcc.umich.edu>
tim@umcc.umcc.umich.edu "Tim Tyler" writes:

> I'm interested in opening up the shell of my Yupiteru MVT-7100 to
>possibly improve the general shielding of the unit.
>
> Has anyone removed the cover of theirs already (it looks like it
>might just have 2 screws on each side), & can tell me what to expect?
>
> I have nightmares of the keyboard buttons & other components
>flying out as soon as the plastic shell is opened...
>
>

Tim,

You only need to take the two screws on the "top half" from each
side. You can leave the bottom ones in. Remove the four screws (2
either side......err.....) and gently prise apart the two halves.

There are no connecting cables between the two haves just three
connector blocks.

Nothing will come flying out at you other than.........

...just be careful and keep your eyes on the buttons down the
side, they do sometimes slide out and do have a "right" and "
wrong" way of going back in".

The keypad is a one peice moulded affair so that won't give you
any problems.....

...and it goes back just as easy !

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\--/

2044. Re: Wanted: Kenwood RZ-1

Newsgroup: rec.radio.scanner
Date: 1994-03-27 21:00:07 UTC
From: mpage@netcom.com
Message-ID: <mpageCnCD08.AM7@netcom.com>
Source record: 276102

Vinc Duran (vduran@nyx10.cs.du.edu) wrote:
: Does anyone know where I could get a good price on a Kenwood RZ-1?
: New or used, preferably used.

If you happen to find any, let me know. I have had two running for about 5 years and never turned off. They are great, but expensive.

--
==========
| Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436 | |
|==========
	MEDIA PAGE
Internet: mpage@netcom.com	Breaking News Stories to
CIS: 71674,1610	the News Media since 1978
==========

2045. Anybody tried FCC.GOV ?

Newsgroup: rec.radio.scanner
Date: 1994-03-27 21:02:30 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <764802150snz@javiaton.demon.co.uk>
Source record: 276103

Wonder if anybody knows if the FCC allow you to Telnet to
FCC.GOV ?

You can do an anon ftp on which they have press releases and what
not but as the system apparantly only came on line mid Feb its
still early days and there is not a great deal on their.

I wonder if they have any plans to allow interogation of any
Databases they may have ?

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\--/

2046. Re: Can a scanner expert help me please?

Newsgroup: rec.radio.scanner
Date: 1994-03-27 21:11:42 UTC
From: rathinam@ins.infonet.net
Message-ID: <2n4sqe$sth@insosf1.infonet.net>
Source record: 276104

In article <2n23fs$c9@pipeline.com>, ligosa@pipeline.com (Chris Barbosa) writes:
>Hello, Can anyone tell me where i can get a scanner that
>receives all frequencys (All Cellular and cordless etc.)
>and about how much can I expect to pay for one..
>Thanks..E-Mail - Ligosa@pipeline.com

There is no scanner that can receive "all" frequencies. You can buy scanners that receive a very useful sub-set of all frequencies. The most popular scanners cost from about $150 to over $600. If you want an inexpensive one that has cellular and cordless coverage, expect to pay about $250 or so. You probably want to read this group for a few weeks, as well as "monitoring times" and "popular communications" magazines that you can buy at most news-stands. Most scanner sellers advertise in these magazines.

2047. Request mods for PRO-2033

Newsgroup: rec.radio.scanner
Date: 1994-03-27 23:13:18 UTC
From: demon@vax1.mankato.msus.edu
Message-ID: <1994Mar27.181318.3853@vax1.mankato.msus.edu>
Source record: 276105
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does anyone have any MODS for a PRO-2033?

Thank you.

2048. Re: BC200XLT car adapter question

Newsgroup: rec.radio.scanner
Date: 1994-03-27 23:17:04 UTC
From: hruska@toybox.raleigh.nc.us
Message-ID: <1994Mar27.231704.15316@toybox.raleigh.nc.us>
Source record: 276106

In article <mwiebers.764730723@eng1.iastate.edu>,
Matt Wiebers <mwiebers@iastate.edu> wrote:
>
>I am a priveleged? owner of such an adapter, and I am
>happy to say that, in fact, you are correct when you suggest that it is just a
>5.5mm plug w/a cigarette adapter.
>Uniden was so cheap that they didn't even provide a plug-they must have
>figured I wanted it in my car all the time!
>I assume that you have a power supply to work inside your house
>-use that for your polarity specs, but with those electrolitic capacitators,
>the juice should only flow one way anyhow.
>Good Luck and be careful!

I can vouch for the fact that reversing the polarity from the cig lighter
will fry the 200xlt. I blew up my first one about 30 mintutes after I
got it in 1990. With the polarity switched properly, it worked great when
I got my new 200xlt.

Be careful!

--
+---+
Bob Hruska DoD #1982	email: hruska@toybox.raleigh.nc.us
Toybox Linux system	
Raleigh, NC	Say no to MS Windows - run Linux

2049. Any Rod, Cone Elements out there ?

Newsgroup: rec.radio.scanner
Date: 1994-03-27 23:47:08 UTC
From: mcneill@salem.enet.dec.com
Message-ID: <CnCLC0.6Az@ryn.mro.dec.com>
Source record: 276107
Cross-posted to: alt.radio.scanner,rec.radio.scanner

While taking down my Archer DISCONE SCANNER ANTENNA (Cat #
20-013) this weekend I broke one of the Cone element rods.

Anybody out in internet-space have a junk Radio Shack discone with
a good rod that you can spare?

The one that broke is part of the diagonal cone, not the
horizontal disc.

Thanks,

Kevin


```
_____________________________________________________________
| Kevin J. McNeill |internet: |
| Digital Equipment Corporation * |mcneill@salem.enet.dec.com |
| 9 Northeastern Blvd. NIO-1/1 F17 | |
| Salem, NH. USA 03079 |TEL: 603 894-2555 |
|-------------------------------------------------------------|
| *DISCLAIMER..... |
| My comments are my own and may not reflect those of Digital |
| Equipment Corporation. |
|_____________________________________________________________|
```

2050. Re: Problem: Cordless scannin

Newsgroup: rec.radio.scanner
Date: 1994-03-27 23:53:43 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Mar27.235343.28472@alw.nih.gov>
Source record: 276108

Mark (CCS_MAH@ADMIN.FANDM.EDU) wrote:
: Marc,

: Here's a simple and cheap way to receive cordless phones. Get a female
: pl259-to-female BNC adapter, a solderless bananna plug, and about 15 ft
: of wire (#18, insulated or uninsulated doesn't matter.) Attach the wire
: to the banna plug, remove the rubber duck antenna from your scanner,
: attach the BNC-Pl259 adapter to the scanner, and insert the bananna plug

Hmm.. I haven't tried it, but why not a Motorola plug on the wire and a
motorola plug<-->female BNC adapter?

--neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2051. California Freq. Database Online[?]

Newsgroup: rec.radio.scanner
Date: 1994-03-28 00:07:58 UTC
From: topolski@kaiwan.com
Message-ID: <2n574u$fou@kaiwan.kaiwan.com>
Source record: 276109

I'm very sorry to ask this -- I'm usually very good about keeping information, but I lost the address to the Freq. Database someone posted her a month or so ago... Please post to this group as I don't read my E-mail. Thanks!

--
____[Robb Topolski]___[San Clemente, CA]___[topolski@kaiwan.com]____
"Not basketball -- that's the number of people in the Clinton administration who haven't been subpoenaed yet."
-- Jay Leno, on the Final Four (NBC's "Tonight Show," 3/16/94)

2052. Re: California Freq. Database Online[?]

Newsgroup: rec.radio.scanner
Date: 1994-03-28 01:58:59 UTC
From: rwilkins@ccnet.com
Message-ID: <2n5dl3$l38@ccnet.ccnet.com>
Source record: 276110

Robb Topolski-KJ6YT (topolski@kaiwan.com) wrote:
: I'm very sorry to ask this -- I'm usually very good about keeping
: information, but I lost the address to the Freq. Database someone posted
: her a month or so ago... Please post to this group as I don't read my
: E-mail. Thanks!

Telnet to tcomeng.com
login as fcc

follow the easy instructions for the california and usa mobile fcc database.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.us.noam

2053. Re: Pager net for Mich Scannists

Newsgroup: rec.radio.scanner
Date: 1994-03-28 02:58:44 UTC
From: dan@chinook.halcyon.com
Message-ID: <2n5h54$9co@nwfocus.wa.com>
Source record: 276111

In article <mpageCnCCpK.A5M@netcom.com>,
Thomas J. Kravitz <mpage@netcom.com> wrote:
>I didn't miss the point at all. There are now about 15 nets throughout the
>U.S....

Could you list them? Is there one in the seattle Area? Anyone want to
start one?
--
dan@halcyon.com
Dan & Amy Lawrence
Seattle, WA USA

2054. Re: R7100 availability

Newsgroup: rec.radio.scanner
Date: 1994-03-28 03:26:03 UTC
From: jkobzeff@sybil.jpl.nasa.gov
Message-ID: <jkobzeff-270394192603@compsupport.jpl.nasa.gov>
Source record: 276112

In article <1994Mar27.133228.20761@rsd.dl.nec.com>, dave@rsd.dl.nec.com (Dave Rogers) wrote:

> I talked to someone at Tucker Electronics Saturday more knowledgeable
> about the about the scanner ban and availability of receivers like the
> Icom R7x00 and R9000. The guy I talked to there before was both right
> and wrong. The bottom line is that the FCC ceased type accepting
> cellular capable radios last year. Because these Icom receivers were
> type accepted before that deadline they could continue to be imported
> until April 26 of this year. After that they can continue to be sold
> unitl supplies run out. In anticipation of this, Icom imported a boat
> load of these items. Tucker expects to continue selling these units as
> well as restorable Uniden scanners for quite some time.

Waitaminute!!! Aren't the Icoms non-scanning recievers? I thought that the 'anti-cellular' law was only targeted at multiple-channel scanning radios, not single-channel-at-a-time recievers....
--
Jack Kobzeff ----- jkobzeff@sybil.jpl.nasa.gov

2055. Re: CBS Sports(&Charlotte)freqs?

Newsgroup: rec.radio.scanner
Date: 1994-03-28 05:21:40 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar28.002140.1@uoft02.utoledo.edu>
Source record: 276113
Cross-posted to: alt.radio.scanner,rec.radio.scanner

wrw1@cbnewsi.cb.att.com (wayne.r.wiebalk) writes:

> Would someone please e-mail the frequencies CBS uses at
> sporting events? I would like to listen in on what
> goes on behind the scenes at the Final Four next week.
>
> Thanks
> Wayne
>
> BTW: If you know any good freqs for Charlotte NC, I
> would appreciate them.....I suspect police will be
> pretty busy next weekend....

Attempted to mail you info, but it bounced. Here's what I got.

From postmaster Mon Mar 28 00:00 EST 1994
Mail to `wrw1' alias `local!wrw1' from `cbfsb!att!uoft02.utoledo.edu!CSCON0151' failed.
The command `exec ema wrw1' returned error status 100.
The error message was:

Give me a more 'politically correct' email address and I'll fire it out to
you. :)

--
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

2056. Scanner Laws in Northern VA?

Newsgroup: rec.radio.scanner
Date: 1994-03-28 05:24:10 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Mar28.052410.3550@alw.nih.gov>
Source record: 276114

Someone posted to alt.radio.scanner that it is illegal to "carry" a scanner in Northern VA without a permit (and that those permits are basically only given to volunteer Fire/Rescue types). Does anyone know if that's true? I'd be really bummed if I blew $250 on a Pro-43 that I can't carry (regardless of whether "carry" means on foot or in a motor vechicle).

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2057. ICOM IC-R1

Newsgroup: rec.radio.scanner
Date: 1994-03-28 05:57:46 UTC
From: mcgregor@dgaust
Message-ID: <2089@dgaust.oz.dg.com>
Source record: 276115

Hi floks, This is my first involvement with scanners and I would
appreciate some help from you old timers.
What are your thoughts on the IC-R1 scanner ?
Is it over priced, not selective enough, etc.?
There seems to some negitive messages kicking around about it.
One comes to mind. "it's the only scanner I've owned that I wouldn't
buy again" WHY??????????????????
Is there a Tandy with the same coverage that is better value for money?
Anyone with any thought one this, please come in!!!!!

Many Thanks. Dave.
--

"Work is for people who can't Fish." _--_|\
/ \
E-mail mcgregor@dgaust.oz.dg.com _.--._/
-- *

2058. Buying A Scanner -- Advice Wanted

Newsgroup: rec.radio.scanner
Date: 1994-03-28 06:45:43 UTC
From: mrw13@bonjour.cc.columbia.edu
Message-ID: <2n5uen$678@apakabar.cc.columbia.edu>
Source record: 276116
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I am interested in purchasing a scanner and would like some advice as to what are some good models the general price range? I am not looking for anything too fancy, although, in addition to the usual police, fire, etc. frequencies I would also like to pick up aircraft frequencies. Picking up the cellular or cordless frequencies is not that big deal to me and I know that you usually have to get someone to "modify" your scanner to do this, but I would still be curious as to how much this extra feature would also cost. Please email any responses.

Thanks in advance,

Marc Wollemborg
<mrw13@columbia.edu>

2059. Best way to have hrs of recording time?

Newsgroup: rec.radio.scanner
Date: 1994-03-28 08:29:06 UTC
From: edward@cs.ualberta.ca
Message-ID: <2n64gi$89j@scapa.cs.ualberta.ca>
Source record: 276117

I've been listening to past discussions on taping off
a scanner (ie use a voice activated unit etc.) and have
been wondering how to get more recording time. So far
I see few alternatives to using a VCR (gives 6 hrs),
which is obvious overkill (+very slow start-up time).

Any ideas??? Surely there must be commercial units available?
I am trying to avoid buying a modified "standard" recorder as
the quality of recording is likely to be low (or am I wrong?)

Thanx in advance

edward@cs.ualberta.ca

2060. Re: Any Rod, Cone Elements out there ?

Newsgroup: rec.radio.scanner
Date: 1994-03-28 08:33:56 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.74.00089109@ccm.hf.intel.com>
Source record: 276027
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <CnCLC0.6Az@ryn.mro.dec.com> mcneill@salem.enet.dec.com (Kevin McNeill) writes:

> Anybody out in internet-space have a junk Radio Shack discone with
> a good rod that you can spare?

> The one that broke is part of the diagonal cone, not the
> horizontal disc.

Take the broken piece down to a welding shop and see if they have a rod with
the same diameter. It is not that difficult to add threads to a rod.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2061. Re: Icom 7000 Vs. Icom 7100

Newsgroup: rec.radio.scanner
Date: 1994-03-28 11:11:43 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.76.000B3259@ccm.hf.intel.com>
Source record: 276035

In article <e38_9403270137@blkcat.fidonet.org> Ken.Ota@f239.n109.z1.fidonet.org (Ken Ota) writes:

>Monitoring Times did a comparision between the AOR3000 and ICOM 7000 a
>couple of years ago. They said the AOR was more sensitive than the
>ICOM 7000. The ICOM 7000 had better selectivity for SSB and shortwave.
>The AOR had better scanning features. Overall they characterized the
>AOR as a scanner with wideband coverage and the ICOM as a wideband
>receiver with scanning features.

I saw on Compuserve that some guy in Europe wrote a review on the AR3000 and did some comparisons to the R7000. He seemed to like the AR3000 better. The article said it could not be sent to other computer systems, so you will have to get it yourself from CIS.
When the AR3000A arrives, I plan on doing a comparison to my R7000. I'll post it here.
As a side note, I am trying out a 30 trial membership to CIS. So far my impressions of the scanning forum are mixed. They seem to have some great files for computer control and lots of neat things, but the messages seem a little brain dead (no offense to CIS users, but topics seem to ramble on, well past their usefulness). I'll stick to Usenet, thank you.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2062. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-28 11:20:14 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.77.000B56B0@ccm.hf.intel.com>
Source record: 276036
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <2n6slk$bvd@wrdis02.robins.af.mil> lakeith@robins.af.mil (CONTRACTOR Larry Keith;653 CCSG/SCT) writes:

>Jim Kearman (KR1S) (jkearman@arrl.org) wrote:
>: USA readers, rush down to Radio Shack and get yourselves a
>: "Silent Play," 270-1715.

>Sounds like the gadget I need to hook to the TV set so that my "hard
>of hearing" father in law can listen to CSPAN without involving the
>rest of the family.. Hook to the audio out.. Let the OT listen to
>his heart's content...

I went down to RS and got one. The sales guys had never noticed it before. When I told them how it could be used for TV, scanner, stereo, games etc. he thought it was pretty cool. His response was, "Figures RS is discontinuing it." I haven't tried it yet but it comes with an FM receiver/transmitter (89-93 MHz) with stereo send and receive. It has headphones and patch cords. I still haven't tried it out, but my theory is to increase the transmitter supply voltage a little bit to see it power output can be increased (without burning it up).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2063. Re: Best way to have hrs of recording time?

Newsgroup: rec.radio.scanner
Date: 1994-03-28 12:43:07 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.78.000CB859@ccm.hf.intel.com>
Source record: 276039

In article <2n64gi$89j@scapa.cs.ualberta.ca> edward@cs.ualberta.ca (Edward Mantey) writes:
>I've been listening to past discussions on taping off
>a scanner (ie use a voice activated unit etc.) and have
>been wondering how to get more recording time. So far
>I see few alternatives to using a VCR (gives 6 hrs),
>which is obvious overkill (+very slow start-up time).

>Any ideas??? Surely there must be commercial units available?
>I am trying to avoid buying a modified "standard" recorder as
>the quality of recording is likely to be low (or am I wrong?)

There are some 10 hour recorders advertised in MT and Plop Comm, but the price scares me away. They are about $100 or more. Once I was playing around in my RS vox recorder and damaged a resister. TO my surprise it slowed down the motor about 30%, so I get more recording time. But, as a warning, I did this once before to a tape recorder, and the motor burned out shortly after (a slow motor draws more current and can be damaged).

A vox controlled VCR still seems like the best way (assuming that you have an old one lying around). Switching the pause on and off with a vox circuit, doesn't seem like it would be that slow.
I also saw someone post that they have the sound fed into their Soundblaster card and they just store it on disk. At low sample rates, it seems like you could store a lot of info (depending on disk space).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2064. Re: Why is Uniden discontinuing the XLT-2500

Newsgroup: rec.radio.scanner
Date: 1994-03-28 12:50:36 UTC
From: mphillips@hpcvoab.cv.hp.com
Message-ID: <CnDL0D.9uI@hpcvsnz.cv.hp.com>
Source record: 276118

In article <2n0h9c$a3f@olympus.net>, msaran@pt.olympus.net (Mark Saran) says:
>
>Law or no law the 2500 WAS a dog and reason enough to trash it.
>--
>Mark Saran
>msaran@pt.olympus.net
>

Thanks Mark for your opinion, I am new to scanning
but would like to learn more. I have been reading and
following rec. radio. scanner for a few weeks now and am
starting to get aquainted with the jargon and the equipment
involved. I have the BC2500xlt on layaway and the owners
will let me select another model if I like. I want a very good
scanner around $500.00 is okay as long as the scanner is
as valuable as the price. So you say the BC2500XLT is a dog
could you elaborate on this just a little and perhaps make a
reccomendation for another model/option.

Thank you very much for your time.

Mike

2065. Re: R7100 availability

Newsgroup: rec.radio.scanner
Date: 1994-03-28 12:54:09 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Mar28.125409.4037@rsd.dl.nec.com>
Source record: 276119

In article <jkobzeff-270394192603@compsupport.jpl.nasa.gov> jkobzeff@sybil.jpl.nasa.gov (Jack Kobzeff) writes:

>Waitaminute!!! Aren't the Icoms non-scanning recievers? I thought that the
>'anti-cellular' law was only targeted at multiple-channel scanning radios,
>not single-channel-at-a-time recievers....

No, the Icom R7x00 and R9000 will scan at 10-15 channels per second under internal control and faster under computer control. Icom has a *Window Scan* mode which allows for fairly sophisticated foreground/background scanning but there is only one RF/IF/DEMOD section which means only one frequency can be monitored at a time.

All cheep (< $10,000) receivers and scanners that I know of only scan a single channel at a time. Some of them just do it faster than others. I have worked on receiving systems that used multiple receivers to scan various frequencies under computer control but these are not for sale commercially. Only Uncle Sugar can afford these puppies.

dave

Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

If you can't see the sky from where you work it's time to change jobs.

2066. Re: Pro43 DC adaptor

Newsgroup: rec.radio.scanner
Date: 1994-03-28 13:50:32 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.79.000DD80C@ccm.hf.intel.com>
Source record: 276041

In article <18495@blue.cis.pitt.edu> sdsst4+@pitt.edu (Scott D Schneider) writes:

>I have a Pro 43, and recently purchased a DC adaptor. I have to play with it
>for it to work propperly, and it quickly goes off if I bump it, (or attempt
>listening to it in the car). Is this typical for RS to sell junk like this, or did I just
get a bad one?

Having worked in a few of the factories in China that Tandy contracts with,
let me just say that quality is not a major concern. Their testing is
minimal, so defects do pop up often. When you exchange it, bring your scanner
to test it out before you take it home. It is always possible that the one
you have was returned by another customer, and found its way back to the shelf.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2067. Re: Sony 2010 for sale $200

Newsgroup: rec.radio.scanner
Date: 1994-03-28 14:16:00 UTC
From: Henry@g0gku.demon.co.uk
Message-ID: <764864160snz@g0gku.demon.co.uk>
Source record: 276120
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner

In article <crispCn1AHG.ACH@netcom.com> crisp@netcom.com "Richard Crisp" writes:

> In article <crispCn12v4.vo@netcom.com> crisp@netcom.com (Richard Crisp) writes:
> Looks like it is gone, I have had three interested parties say they want`
> it in the last half hour. Thanks for the interest
>
Well, anyone out there want one of these little beauties, I am selling
mine.
Same specs as listed earlier, about 3.5 years old.
Looking for #200.00 here in the U.K.
Anyone interested please contact me by mail.

>
> --
> Richard Crisp Cupertino, Ca. crisp@netcom.com
> (415) 903-3832 wk (408) 253 4541 fax
> "It is a good thing that we do not get as much government as we pay for"
> -Will Rogers
>

--
Henry Brugsch
aka hbj elsewher, CIS: 75366.317.com
hbj@bix.com, Moderator of adaptive.tech conference, bix
telnet and internet connectivity $13 per month
(Join adaptive.tech) for info on adaptive tech for disabilities
telnet x25.bix.com
The freedom of information is a right not a privilege.

2068. Pro43 DC adaptor

Newsgroup: rec.radio.scanner
Date: 1994-03-28 14:50:27 UTC
From: sdsst4+@pitt.edu
Message-ID: <18495@blue.cis.pitt.edu>
Source record: 276121

I have a Pro 43, and recently purchased a DC adaptor. I have to play with it for it to work propperly, and it quickly goes off if I bump it, (or attempt listening to it in the car). Is this typical for RS to sell junk like this, or did I just get a bad one?

2069. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-28 15:21:24 UTC
From: lakeith@robins.af.mil
Message-ID: <2n6slk$bvd@wrdis02.robins.af.mil>
Source record: 276122
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Jim Kearman (KR1S) (jkearman@arrl.org) wrote:
: USA readers, rush down to Radio Shack and get yourselves a
: "Silent Play," 270-1715.

Sounds like the gadget I need to hook to the TV set so that my "hard of hearing" father in law can listen to CSPAN without involving the rest of the family.. Hook to the audio out.. Let the OT listen to his heart's content...

Larry, KQ4BY

2070. Does anyone know the freq's of radar?

Newsgroup: rec.radio.scanner
Date: 1994-03-28 15:24:15 UTC
From: jsherman@nyx10.cs.du.edu
Message-ID: <1994Mar28.152415.7458@mnemosyne.cs.du.edu>
Source record: 276123

X, K, Ka... And what is detected in the laser ones?

2071. Re: Wanted pocket tone dialer

Newsgroup: rec.radio.scanner
Date: 1994-03-28 15:31:29 UTC
From: cab@col.hp.com
Message-ID: <2n6t8h$93k@hp-col.col.hp.com>
Source record: 276124

> Does anyone know where i can buy a pocket tone dialer, something
> like radio shacks 43-139 but with about 10 memories.

The 43-141 has 33 memories.

2072. AOR300, any opinions?

Newsgroup: rec.radio.scanner
Date: 1994-03-28 15:48:54 UTC
From: magnet@nRCHs022
Message-ID: <2n6u96$t4a@corpgate.rich.nt.com>
Source record: 276025

The subject says it all. What have you heard, experienced? What alternative equipment would you recomend? Also, what about the ICOM R1 handheld?

-Thanks!

--
brad.glidewell@nt.com

2073. Re: AOR300, any opinions?

Newsgroup: rec.radio.scanner
Date: 1994-03-28 15:56:22 UTC
From: magnet@nRCHs022
Message-ID: <2n6un6$t4a@corpgate.rich.nt.com>
Source record: 276026

Should be "AOR 3000", sorry.

Brad Glidewell (magnet@nRCHs022) wrote:
: The subject says it all. What have you heard, experienced? What alternative
: equipment would you recomend? Also, what about the ICOM R1 handheld?

: -Thanks!

: --
: brad.glidewell@nt.com

--
brad.glidewell@nt.com

2074. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-28 17:04:43 UTC
From: doc@webrider.central.sun.com
Message-ID: <2n72nbINNbjt@cronkite.Central.Sun.COM>
Source record: 276028
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

>> USA readers, rush down to Radio Shack and get yourselves a
>> "Silent Play," 270-1715.
>

>I bought one a month ago cheap and hooked to my HiFi VCR. I use it as
>wireless stereo headphone for my TV. Works great for $20.

Just went down to the local Radio Shack to pick up one of these
after seeing it in the newsgroup. Had to convince the clerk that
it existed (found it in the catalog for him), then find it on the
shelf. In any event he had it so I took one of the new Radio Shack
catalogs sitting on the counter, used the $3 coupon to pay for the
catalog and the $5 off coupon to lower the price. Walked out with
the unit for $15.

Seems to work well,

Enjoy,

Steve

--
-- Steve Bunis, Sun Microsystems ***DoD #0795*** 93-ST1100
-- Itasca, IL ***AMA #682049***
-- ***HRCA #HM125617**
-- *** N9VLP ***

2075. Re: Building Your Own Antenna?

Newsgroup: rec.radio.scanner
Date: 1994-03-28 17:25:29 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Mar28.172529.2580@news.csuohio.edu>
Source record: 276029

nelsonf@netcom.com (Nelson Fernandez Jr) writes:
:
: Can someone recommend a cheap easy way to build an antenna for my PRO-39
: scanner? I bought the coil whip and it's definately better than the
: rubber duck but I desire a little more range. Thanks.
:
: --
:

Getting more range also depends on how willing you are to have
an antenna that is more sensitive in just a particular frequency range.
I carry a few antennas for my scanner that pick up different
freq ranges better than others (like a photographer has different
lenses). So, what frequency range(es) are most important to you?
You can get different antennae (or build different ones) for things
like 46/49Mhz cordless, 120-160Mhz aircraft, 144Mhz ham, 440Mhz ham,
and so on. BTW, I found that just a regular portable cellular phone
antenna (with at TNC to BNC adaptor) makes a GREAT 800Mhz antenna
for a scanner.

Hope it helps.

Mike
--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

2076. Re: What are the cellular phone frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-03-28 17:34:53 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Mar28.173453.2891@news.csuohio.edu>
Source record: 276030

craig@yonder.equinox.gen.nz (Craig Shore) writes:
: In <2mngnp$67s@news.acns.nwu.edu>, James Choi writes:
: >I am sure this was asked thousand times, but I am a newbie here.
: >So, allow me to ask you again.
: >
: >What are the cellular phone frequencies?
: >Would 806-824, 849-869 and 894-956 cover them all? Why those
: >gaps?
:
: Those gaps are the cellular frequencies.
:

To expound upon that, mobile phones transmit roughly from 824 to 849,
the repeater bases transmit roughly 869 to 894. Receive freqs are
of course the opposite. There are just under 900 channels and it's
almost impossible to track them with a normal scanner. Channel
spacing is 30Khz, and mobile/base Tx and Rx freqs are 45Mhz apart.

These two ranges are the gaps you see in your scanner (most likely).
Just about everything else in the 800mhz band is trunked public safety.

Hope it helps.

Mike
--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^v^

2077. PRO-2027

Newsgroup: rec.radio.scanner
Date: 1994-03-28 18:10:01 UTC
From: kronz@periphae.ecn.purdue.edu
Message-ID: <CnDzsr.L5w@noose.ecn.purdue.edu>
Source record: 276031

Is this a good scanner for medium to casual use???(mainly by my wife...)
I should say that this will be in a medium RF area as well...

-Also does it scan in 30khz steps in appropriate freq ranges??

-jason
--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }

2078. Freqs for Guelph, Ont.

Newsgroup: rec.radio.scanner
Date: 1994-03-28 18:28:32 UTC
From: jmichael@uoguelph.ca
Message-ID: <2n77kg$7c2@nermal.cs.uoguelph.ca>
Source record: 276032

I'm looking for a list of frequencies for the University of Guelph,
paticularly Campus Police/Fire/Ambulance, maintenance and any other freqs
for the University.

Thanks,

Jesse

==
Jesse Michaels at = Canada....The TRUE North Strong and Free!
The University of Guelph, ="Neither Capitalism nor Socialism can
Guelph, Ontario, Canada = pretend to be an ideology. They are merely
jmichael@uoguelph.ca = methods for dividing ownership and income."
= John Ralston Saul in "Voltaire's Bastards"
= Western...isn't that an omelette?
==

2079. Alinco 580

Newsgroup: rec.radio.scanner
Date: 1994-03-28 18:34:30 UTC
From: stevenj@microsoft.com
Message-ID: <CnE0xo.7xH@microsoft.com>
Source record: 276033

I was out hiking the other day and came across someone with an
Alinco 580. It looked like about the size of a PRO-43 but
could do all sorts of cool things like tie into the cellular
phone network (not just to listen -- to make calls!) I'm wondering:
- exactly what is this thing
- how much are they
- where do I get one

Thanks for any info.

2080. Re: Icom R-7100 MODS

Newsgroup: rec.radio.scanner
Date: 1994-03-28 18:42:14 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.124.000CB483@CCCS.UMN.EDU>
Source record: 276034

In article <BC6vBui.philscott@delphi.com> philscott@delphi.com writes:
>From: philscott@delphi.com
>Subject: Re: Icom R-7100 MODS
>Date: Sat, 26 Mar 94 09:49:14 -0500

>I talked w/ a tech at Icom this week who told me they can't manufacture
>R-7100s w/ same freq range after 4/26, but that they have a lot of them
>now. He said the R7100 would continue to be available but with the freq
>range masked in a new or changed CPU- non-modifiable.
>See ya, Phil

The customer rep on CI$ has stated that the 7100 and 9000 will continue to be
manufactured, but with the entire 800-900 MHz removed.

--rick

+---+
| Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
| Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |
| Cancer Screening Trial voice: (612) 627-4151 |
| University of Minnesota fax: (612) 627-4158 |
| 212 Ontario St SE, Suite 202 |
| Minneapolis, MN 55414 |
+---+

2081. Re: BC200XLT car adapter question

Newsgroup: rec.radio.scanner
Date: 1994-03-28 19:42:43 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Mar28.194243.19336@alw.nih.gov>
Source record: 276037

Jason Thurston (jthurs@ukelele.gcr.com) wrote:
[stuff deleted]
: What resulted was a few smoked boards and a $60 repair bill. As I found out,
: voltage on some vehicles can vary between 10 and 18 volts, depending on

This probably won't be a problem as most things have a voltage regulator
that will deal with this. What I would definitely suggest, however, is that
if you decide to build one (a cable) yourself (a fairly trivial task,
actually) that you add an inline fuse on the positive line.

I'm not an EE, so maybe someone with more knowledge in general and more
knowledge about the insides of a 200 can comment.

Regards,
Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2082. Re: Pro43 vs 2500xlt???

Newsgroup: rec.radio.scanner
Date: 1994-03-28 20:23:45 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Mar28.202345.20188@alw.nih.gov>
Source record: 276038

Yeah, I *love* my '43 given that my last scanner was an old BC70XLT.
The technology has come a long way. You have to look at what you're
paying for, though. The 2500 gives you a lot of neat, useful features,
but won't stand up in places like Washington DC where there seems to be
a paging tower every 15 feet. The '43 does better in such situations,
but your money is going toward better RF filtering/performance instead
of more features. The '43 is not *immune* to intermod, either. I have
problems with it from a number of paging towers. Also, when driving
around parts of Arlington and monitoring their 800 MHz trunked system,
I have to *remove the antenna* to avoid being blasted by the trunked
system's data channel of the day bleeding into the next closest
channel. Funny that it still gets good reception without an antenna,
though :-). Unfortunately, taking off the antenna causes me to lose
everyone who isn't nearby and on the higher bands.

The point is that there's a trade off and you need to decide based on where
you live. Maybe you can buy a 2500 from somewhere that has a decent return
policy and see if it works in your neighborhood?

Regards,
Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2083. Re: FM station programming heard on 25.95MHz in AM mode on my '2006

Newsgroup: rec.radio.scanner
Date: 1994-03-28 21:47:03 UTC
From: jdow@BIX.com
Message-ID: <jdow.764891223@BIX.com>
Source record: 276040

wa2ise@netcom.com (Robert Casey) writes:

>Here in Beaverton Or (next to Portland), found an apparent AM station
>on 25.95MHz playing the same programming as KGON in Portland on 92.3MHz
>FM. I'm not sure if this is a real signal, or some sort of
>strange image of the FM station. I don't have my DX440 handy yet to
>try to tune it in to see if I find it with that.

>Anyone hear this AM signal? What explaination for an AM image of an
>FM signal? Would a broadcast station be licensed to operate on 25.95MHz?

This one is likely a remote link being pressed into service as an emergency
studio to transmitter link. That is one of the bands for remote pickup use.
<^_^>

2084. airport freqs

Newsgroup: rec.radio.scanner
Date: 1994-03-28 22:12:57 UTC
From: jerrys@a4430ux.esr.hp.com
Message-ID: <2n7kp9$em1@hpscit.sc.hp.com>
Source record: 276042

If anyone has freqs for the following airports would you please send them to me, either thru this news group or directly.

Greensboro, NC
Chicago O'Hare

thanks,
jerry
jerrys@a4430ux.esr.hp.com

2085. Re: anyone in N.S. reading this

Newsgroup: rec.radio.scanner
Date: 1994-03-29 00:07:48 UTC
From: enichols@fox.nstn.ns.ca
Message-ID: <2n7rgk$97l@owl.nstn.ns.ca>
Source record: 276043

In article <1994Mar26.114106.1@cad3.uccb.ns.ca>, rling@cad3.uccb.ns.ca says:
>
>Does anyone in Nova Scotia read rec.radio.scanner
>
>please respond!
>
>ron
>
>rling@cad.uccb.ns.ca
>
Greetings Ron. I am reading this conference from Halifax. What type of scanner do you use. I have a
BC200XLT with an outside discone antenna. Lots of action hear down here in Halifax. Though the police
and fire departments are using a 800 Mhz trunking system. Click-click

2086. Re: what is "ringers at TKO"?

Newsgroup: rec.radio.scanner
Date: 1994-03-29 00:39:22 UTC
From: stan@netcom.com
Message-ID: <stanCnEHtn.BDr@netcom.com>
Source record: 276044

bodoh@dgg.cr.usgs.gov (Tom Bodoh) writes:

>In article <CnC1vG.K03@metronet.com>, copeland@metronet.com (Charles Copeland) writes:
>|> Seems every paramedic call I here the person on "ringers at TKO"
>|> whatever that means. Every thing from heart attacks to athsma gets this
>|> stuff. What is it?
>|>

>Essentially sugar water.

>It means that they are starting an IV of lactated ringers solution (not
>sure about the TKO). They commonly do this with cases which they suspect
>may require injection of drugs - it is much easier and faster to inject
>through an IV than into a vein particularly when there is a full arrest...

>--
>++
>+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
>+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
>+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
>+ "Welcome back my friends to the show that never ends!" EL&P +
>++
Actually, Lactated Ringer's solution is electrolytes only (a mixture of
sodium, chloride, potassium, etc.) in concentrations equal to that of
human serum. D5LR has 5% dextrose added. "TKO" stands for "to keep open"
as in, a minimal flow rate sufficient to keep the vein patent and the IV
flowing and ready to use to administer drugs, fluids, etc. You may also
hear the term "KVO" which means literally "keep vein open" and refers to
the same concept.

Hope this helps.

Stan

--

| Stan Perkins | stan@netcom.com |
| ASMG, Inc. | (619) 457-1501 |

2087. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-29 01:47:30 UTC
From: surreal@u.washington.edu
Message-ID: <2n81bi$484@news.u.washington.edu>
Source record: 276045
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

>>> USA readers, rush down to Radio Shack and get yourselves a
>>> "Silent Play," 270-1715.
>>

I picked up two today, along with a "D" battery holder. Now I can place
my scanner under my desk at work and listen away without "What's THAT?"

I found it works just fine next to my PRO43 (although I was only scanning
140 and 440 - your milage may vary)

Someone asked about the specs:
Archer Catalog # 270-1715 "Silent Play" Blue box with kid pictured
playing Sega game. It comes with "transmitter" and "receiver", a stereo
headphone, stereo headphone patch cord (4") and RCA mono patch cord
(4"). I haven't tested the range, although it works fine throughout my
2,000 sqft condo. Techie specs:
supply voltage . . . . . 3 vdc
frequency range . . . . . 89-93 mHz
Spurious response . . . . 20 db down (what is that?)
distortion 1.0%
pre-emphasis . . . . . 75 usec
field strength . . . . . <48 dBu/m@3m
oscillator drop-out voltge 1.8 v
current consumption 9 ma
channel separation . . . . 25 dB

Controls on the transmitter include: OFF-MONO-STEREO, LO-VOL-HI,
frequency range of 89-93.

I would like to know how to increase the range of the transmitter -
(without having a FCC-rep knocking on my door)

surreal@u.washington.edu

2088. Re: ICOM IC-R1

Newsgroup: rec.radio.scanner
Date: 1994-03-29 01:59:48 UTC
From: lps@rahul.net
Message-ID: <CnELJo.7DM@rahul.net>
Source record: 276046

mcgregor@dgaust (David McGregor) writes:

>Hi floks, This is my first involvement with scanners and I would
>appreciate some help from you old timers.
>What are your thoughts on the IC-R1 scanner ?
>Is it over priced, not selective enough, etc.?
>There seems to some negitive messages kicking around about it.
>One comes to mind. "it's the only scanner I've owned that I wouldn't
>buy again" WHY??????????????????

hi,
If this is to be your one and only scanner, it is probably not the best choice. If you already have a scanner and are looking for one for portable or concealed use, the R1 is excellent for this. Its primary attribute is its extremely small size. No other scanner can match this. Others do have better technical specifications and performance but cannot be hidden your pocket.

There was at least one company with a upgrade for the R1 with different IF filters (I think) but they may not exist anymore....

For its purpose, I think the R1 is the only thing in its class but if you just want a general purpose scanner, you could send less money and have better performance if concealed usage is not important to you.

--

Kevin Martinez lps@rahul.net Member of the Julie Kangas Fan Club
Those Roly Poly Fishheads told me what to write... Mmmmmm!!

2089. Re: Pro43 DC adaptor

Newsgroup: rec.radio.scanner
Date: 1994-03-29 02:23:18 UTC
From: dilligaf@netcom.com
Message-ID: <dilligafCnEMMw.ECI@netcom.com>
Source record: 276047

In article <18495@blue.cis.pitt.edu> sdsst4+@pitt.edu (Scott D Schneider) writes:
>I have a Pro 43, and recently purchased a DC adaptor. I have to play with it
>for it to work propperly, and it quickly goes off if I bump it, (or attempt
>listening to it in the car). Is this typical for RS to sell junk like this, or did I just
get a bad one?
>
>

Did you get RS cat no. 20-188 (the adapter they recommend)? I did
and haven't had a lick of trouble. It didn't cost that much either
(7 or 8 bucks).

th

2090. Re: Looking for Scanner with RS-232 Computer Interface

Newsgroup: rec.radio.scanner
Date: 1994-03-29 03:35:39 UTC
From: ronaldharris@delphi.com
Message-ID: <p01Phcz.ronaldharris@delphi.com>
Source record: 276048

Stuart J Adams <sja@world.std.com> writes:

>I am looking for a scanner which can be controlled by a computer
>via RS-232.

Stuart,

One of the very best is the ICOM R-7100 which sells for about $1400. You will also need to buy an interface and controlling software such as that made by DeltaComm (cost about $400). Another option is to get a Radio Shack PRO-2006 (about $400) and get a interface kit from Bill Cheeks (hertzian bbs) who came up with most of the mods for the 2006.

Good luck!

Ron

2091. test

Newsgroup: rec.radio.scanner
Date: 1994-03-29 04:04:14 UTC
From: eclafl1@umbc.edu
Message-ID: <2n89buINN5s4@umbc8.umbc.edu>
Source record: 276049

```
test post after system crash
```

2092. Useful channel "banks"?

Newsgroup: rec.radio.scanner
Date: 1994-03-29 04:16:16 UTC
From: carmean@coyote.rain.org
Message-ID: <2n8a2g$5re@coyote.rain.org>
Source record: 276050

Do there exist scanners in which one can dynamically change the size of the channel banks? I'd like to be able to set up functional groups that do not necessarily have 10, 20, or 40 freqs. For instance, I'd like to be able to quickly turn on media freqs if I hear of a newsworthy incident on the public-service freqs. Similarly, I'd like to be able to group, say, law-enforcement freqs by city, or separate city and county fire from state and federal resources. Most of the groups would have far fewer than the 40-channels my PRO-2006 has per bank. Of course, I can accomplish this now by wasting channels.

Seems like this would be a trivial software mod, with maybe a new display to replace the LCD bank elements with some numeric bank indicator.

--
David L. Carmean
Santa Barbara, CA USA
carmean@rain.org
WB6YZM |Frank Zappa LIVES!

2093. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-29 04:18:14 UTC
From: ad178@FreeNet.Carleton.CA
Message-ID: <CnEryE.B6F@freenet.carleton.ca>
Source record: 276051

I finally found a Radio Shack with a couple of these left! I already have one and love it...say, if you find a way to boost the transmitt distance I'd like to know too.......thanks.

--
Life's to short to worry... :)

2094. Re: Pager net for Mich Scannists

Newsgroup: rec.radio.scanner
Date: 1994-03-29 04:22:39 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2n8aef$913@umcc.umcc.umich.edu>
Source record: 276052

Since our net is non-profit, money isn't the point either. But if the listing of prices offend you:

Michigan Fire Notification Network. Fire and Police pages sent to your Alpha-Numeric pager as they happen. Networks available in many large cities throught the country, with cities added constantly.
Call (810) 772-4423 for details on the Michigan net and phone numbers or location of other nets throught the country.

Ask for Garry.....Les

2095. System 7.1

Newsgroup: rec.radio.scanner
Date: 1994-03-29 04:27:24 UTC
From: an85347@anon.penet.fi
Message-ID: <043321Z29031994@anon.penet.fi>
Source record: 276053

WELCOME TO SYSTEM 7.1

This document provides late-breaking news about System 7.1. This information is not in the documentation that came with your software. For all other questions, refer to your Macintosh software documentation.

APPLESHARE SERVER SOFTWARE

To install an AppleShare file server or print server on a Macintosh using System 7.1, you need AppleShare server software version 3.0.1.

APPLE IIe CARD SOFTWARE FOR THE MACINTOSH LC II

To use the Apple IIe Card with System 7.1 on a Macintosh LC II, you need version 2.2 of Apple IIe Card Software. You should upgrade to version 2.2 only if you are using your LC II with System 7.1. Apple IIe Card Software 2.2 may also be used with the original Macintosh LC, but it is not required.

You can obtain the upgrade package from an authorized Apple Reseller. In the United States, you can call the Apple Customer Assistance Center at (800) 776-2333 to request Apple IIe Card Software version 2.2. The new software is also available on AppleLink (AppleLink path: Apple Products: Apple II: Apple II Product Information: Apple IIe Card).

INSTALLING SYSTEM 7.1 ON A MACINTOSH QUADRA 700 AND 950

To install System 7.1 on a Macintosh Quadra, use the Installer programUs Easy Install option, or choose RSystem software for any MacintoshS in the InstallerUs Customize window. If you use the Macintosh Quadra option in the Customize window, some parts of the Monitors control panel will not work correctly.

MacTCP USERS: CHECK VERSION BEFORE YOU INSTALL SYSTEM 7.1

To use MacTCP with System 7.1, you need version 1.1.1 or greater. If the version number is 1.1 or earlier, you need to remove the file from your System Folder before you install System 7.1.

IF THE SYSTEM 7.1 INSTALLATION FAILS

The installation may fail if your existing System file contains fonts with names having more than 31 characters.

If this happens, follow these steps:

1. Open the System Folder and move the System file to the desktop.
2. Restart the Macintosh using the Install disk. When the Installer opens, proceed with the installation (refer to your manual for help).

3. Restart the Macintosh when the installation is completed.
4. If you wish to use the fonts that were installed in your old System file with System 7.1, open the System file on the desktop and drag the font icons to the System Folder icon. The fonts are moved to the Fonts folder and can now be used.

If you had installed additional software that modified the System file, you will need to reinstall it after you install System 7.1.

USING ADOBE TYPE MANAGER WITH SYSTEM 7.1

In System 7.1, a new folder named RFontsS stores all screen and printer fonts. Fonts you drag to the System Folder are automatically installed in the Fonts folder. If you use Adobe Type Manager, but are not getting smooth type onscreen, you must move any PostScript printer fonts located in the Fonts folder to the Extensions folder. Please contact Adobe to obtain a new version of ATM that will allow you to use the Fonts folder (see details below).

A Gift to You from Adobe

Adobe Systems is pleased to offer Apple computer owners a free copy of award-winning Adobe Type Manager (ATM) software.

With ATM, you'll gain access to thousands of PostScript Type 1 fonts for use on screen. Plus, ATM software can be used with all Macintosh-supported printers, including the ImageWriter, StyleWriter, LaserWriter, and PostScript typesetters.

As a special bonus, you'll also receive four free typefaces from the Adobe Garamond family. These Adobe Originals are a fresh treatment of some of the most popular typefaces in history.

Take advantage of this incredible offer today! Order the latest release of ATMQplus the Adobe Garamond typefacesQand pay just a $7.50 shipping and handling charge ($30 outside the USA and Canada). Together, these products normally retail for $346!

U.S. and Canadian residents, call

1-800-521-1976 ext. 4400, or fax 1-303-792-2231

Outside the U.S. and Canada, call

(303) 799-4000 ext. 4600.

Fax requests please include name, shipping address, daytime phone and credit card information. Please allow 6-8 weeks for delivery. Outside the U.S. and Canada, you may either take advantage of this $30 offer for the English-language version of ATM shipped via courier, or see below for other offers that may be available in your country.

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Apple, AppleShare, ImageWriter, LaserWriter, Macintosh, Quadra, StyleWriter, and MacTCP are trademarks of Apple Computer, Inc., registered

in the U.S. and other countries. ATM and PostScript are registered
trademarks, and Adobe Originals is a trademark, of Adobe Systems,
Incorporated.

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

2096. Any PRO-36 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-03-29 06:17:18 UTC
From: b
Message-ID: <2n8h5e$f1r@news.duke.edu>
Source record: 276054

I second that.
Mods would be great. (eg. 800MhZ please)

2097. Silent Play RS 270-1715

Newsgroup: rec.radio.scanner
Date: 1994-03-29 06:21:08 UTC
From: kronz@periphae.ecn.purdue.edu
Message-ID: <CnExn9.C9K@noose.ecn.purdue.edu>
Source record: 276055

Well I went out and bought one of these today... Have used
it with my MVT-7100,CD,and a simple microphone/amp circuit for a
bug... It works great so far! doesn't really bleed into the scanner or
anything... I found the reciever IF at 10.7 ~ 10.8 MHZ but none at
455khz interesting...

Anyways the reason why Im posting is that Ive seen people wanting to
increase the range of this so I thought I would take a look inside...

What I found was a chip that I can't identify... I imagine its the
circuit that makes the FM stereo signal, but since I don't have the specs
I don't know...

the chip is marked JRC A2002A... Does Anyone have info on this???
I like others wanted to increase the voltage to make the transmitter
transmit farther, but without know what the JRC-A2002A accepts as
a supply voltage, I'm not going to mess with it right now.

Instead I just soldered on a longer antenna, seems to get a little
logner range....

fun little toy, definately not worht 39.95 but DEFINATELY worth 19.95

Thanks RS for once again over pricing then discontuining!!!! :-)

-jason

--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }

2098. Re:Re:Pro 43 vs BC2500xlt

Newsgroup: rec.radio.scanner
Date: 1994-03-29 07:23:30 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.7.00076488@cornell.edu>
Source record: 276065

In reply to all of those who are trashing the 2500 I can only say that you have very short attention spans. Sure it overloads in high RF areas if you turn the squelch all the way down. Close it down and you do away with most of the front end overload. As for the intermods, quilty as charged, but I can live with it. Yes I am a railfan and yes it works great at trackside. The sensitivity and features far outweigh any shortcommings of this radio. The auto store/search feature and the hit counter are very valuable for really finding out what is in your area rather than putting everything in the book in the radio . These are imho, some real features that other manufacturers ought to take a serious look at.
I choose the 2500 over the Pro 43 for the above reasons and some others that are important to me. That is what anyone should do, look at each yourself then choose.
By the way how about some mods for this radio? Anyone out there have any. If so please email me at cjs9@cornell.edu
Thanks Carl

2099. Re: ICOM IC-R1

Newsgroup: rec.radio.scanner
Date: 1994-03-29 08:44:57 UTC
From: danny@netcom.com
Message-ID: <dannyCnF4Ay.6K0@netcom.com>
Source record: 276056

I've owned an R1 and had a very bad experience with enormously
wide selectivity and tremendous overloading from transmitters
that weren't all that close to me. If you're looking for a scanning
receiver with the coverage of the R1 but with very good performance
all the way around, the hot ticket these days is the Yupiteru MVT-7100.
It far out performs the R1. Even shortwave broadcast reception is
decent.

Danny

2100. Re: ICOM IC-R1

Newsgroup: rec.radio.scanner
Date: 1994-03-29 09:13:07 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.82.00093847@ccm.hf.intel.com>
Source record: 276072

In article <dannyCnF4Ay.6K0@netcom.com> danny@netcom.com (Danny Goodman) writes:

>all the way around, the hot ticket these days is the Yupiteru MVT-7100.
>It far out performs the R1. Even shortwave broadcast reception is
>decent.

Although I risk being persecuted for saying something bad about the almighty MVT-7100, when I saw it in the store window, the first thing that struck me was how BIG it was. At the time, I was looking for something a bit more stealth-like. Am I the only person who thinks this thing is a real brick? I assume its performance outweighs its size, so people don't complain.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2101. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-29 12:59:07 UTC
From: ah301@yfn.ysu.edu
Message-ID: <ah301-290394075907@sy_j.pgh.wec.com>
Source record: 276057

In article <2n72nbINNbjt@cronkite.Central.Sun.COM>,
doc@webrider.central.sun.com (Steve Bunis SE Southwest Chicago) wrote:

> >> USA readers, rush down to Radio Shack and get yourselves a
> >> "Silent Play," 270-1715.
> >
>
> >I bought one a month ago cheap and hooked to my HiFi VCR. I use it as
> >wireless stereo headphone for my TV. Works great for $20.
>
> Just went down to the local Radio Shack to pick up one of these
> after seeing it in the newsgroup. Had to convince the clerk that
> it existed (found it in the catalog for him), then find it on the
> shelf. In any event he had it so I took one of the new Radio Shack
> catalogs sitting on the counter, used the $3 coupon to pay for the
> catalog and the $5 off coupon to lower the price. Walked out with
> the unit for $15.
>

actually, you walked out with the unit for $18+tax ;^)

2102. Re: Best way to have hrs of recording time?

Newsgroup: rec.radio.scanner
Date: 1994-03-29 13:22:59 UTC
From: Greg@epitome.er.doe.gov
Message-ID: <2n9a3j$t73@cronkite.nersc.gov>
Source record: 276058

I use a sound activated casette recorder with c120 tapes. The advantage is that you don't record "dead" air. It makes the recording process much more efficient so depending on the channel activity, you may be able to record several days on a single tape. I purchased a Radio Shack "voice" activated recorder. It has an external mic input that works fine over a wide range of input levels. I don't know if they still sell the model I purchased.

Greg

Greg Chartrand _/_/ _/_/ _/_/ _/_/
WA9EYY _/ _/ _/ _/ _/
_/ _/_/_/ _/_/_/ _/_/_/ _/ _/_/_/
_/ _/ _/ _/ _/ _/ _/
_/_/_/ _/ _/ _/_/_/ _/_/_/

2103. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-29 13:25:28 UTC
From: bap@mace.cc.purdue.edu
Message-ID: <CnFHAG.r6D@mozo.cc.purdue.edu>
Source record: 276059
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Here is my experience so far.

I put a DX350 and the transmitter in the back window of my car
and walked away 120 feet out the back before losing the signal.
The manual says 20 foot range. Also I can here it all over the house
not only on the little receiver but also any radio receiver I try it on.
I still need to try it on my vehicle radios.

Does RS have another device available that will not be discontinued?

Or does anyone else make something like it?

This little gadget is quite a find!!!

BRET A. PENNINGTON
COMPUTER TECHNICIAN
DEPARTMENT OF EARTH AND ATMOSPHERIC SCIENCES
CIVL 4252 4-0678 (317-494-0678)
PURDUE UNIVERSITY
WEST LAFAYETTE, INDIANA 47907
bap@mace.cc.purdue.edu

2104. Re: what is "ringers at TKO"?

Newsgroup: rec.radio.scanner
Date: 1994-03-29 13:36:46 UTC
From: ah595@cleveland.Freenet.Edu
Message-ID: <2n9ate$3h6@usenet.INS.CWRU.Edu>
Source record: 276060

In a previous article, stan@netcom.com (Stanley Perkins) says:

>bodoh@dgg.cr.usgs.gov (Tom Bodoh) writes:
>
>>In article <CnC1vG.K03@metronet.com>, copeland@metronet.com (Charles Copeland) writes:
>>|> Seems every paramedic call I here the person on "ringers at TKO"
>>|> whatever that means. Every thing from heart attacks to athsma gets this
>>|> stuff. What is it?
>>|>
>
>>Essentially sugar water.
>
>>It means that they are starting an IV of lactated ringers solution (not
>>sure about the TKO). They commonly do this with cases which they suspect
>>may require injection of drugs - it is much easier and faster to inject
>>through an IV than into a vein particularly when there is a full arrest...
>
>>--
>>+++
>>+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
>>+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
>>+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
>>+ "Welcome back my friends to the show that never ends!" EL&P +
>>+++
>Actually, Lactated Ringer's solution is electrolytes only (a mixture of
>sodium, chloride, potassium, etc.) in concentrations equal to that of
>human serum. D5LR has 5% dextrose added. "TKO" stands for "to keep open"
>as in, a minimal flow rate sufficient to keep the vein patent and the IV
>flowing and ready to use to administer drugs, fluids, etc. You may also
>hear the term "KVO" which means literally "keep vein open" and refers to
>the same concept.
>
>Hope this helps.
>
>Stan
>
>--
>-------------------------------------
>| Stan Perkins | stan@netcom.com |
>| ASMG, Inc. | (619) 457-1501 |
>-------------------------------------

Thanks for the info. Seeing how it is we already got your
attention :-) what about innobate (sp?)? I'm guessing it has
something to do with the airway?

Thanks,
Eric

2105. Re: Pro43 DC adaptor

Newsgroup: rec.radio.scanner
Date: 1994-03-29 13:44:52 UTC
From: rohvm1.mahgvb@rohmhaas.com
Message-ID: <rohvm1.mahgvb-290394084424@wmgvb.ho.rohmhaas.com>
Source record: 276061

In article <brett_miller.79.000DD80C@ccm.hf.intel.com>,
brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) wrote:

> In article <18495@blue.cis.pitt.edu> sdsst4+@pitt.edu (Scott D Schneider) writes:
>
> >I have a Pro 43, and recently purchased a DC adaptor. I have to play with it
> >for it to work propperly, and it quickly goes off if I bump it, (or attempt
> >listening to it in the car). Is this typical for RS to sell junk like this, or did I
just get a bad one?
>
>
> Having worked in a few of the factories in China that Tandy contracts with,
> let me just say that quality is not a major concern. Their testing is
> minimal, so defects do pop up often. When you exchange it, bring your scanner
> to test it out before you take it home. It is always possible that the one
> you have was returned by another customer, and found its way back to the shelf.
>
>
> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
> Intel Corp.
> American Fork, UT

--
George Bochanski
rohvm1.mahgvb@rohmhaas.com
I had the same problem with their AC adaptor. It took me three tries to
get one that worked. You have to be careful!

2106. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-29 14:19:36 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CnFJsy.Gy5@cbnewse.cb.att.com>
Source record: 276062
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

If the Radio Shack Silent Play gizmo has good separation, you might consider connecting each channel of the transmitter to different scanners.

If you were listening on a stereo receiver with a balance control, you could choose Left or Right channel depending on which scanner you wanted to hear, or leave the Balance in the center to monitor both scanners.

The baby monitor repeaters I constructed are monaural.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

2107. RS Pro-2026

Newsgroup: rec.radio.scanner
Date: 1994-03-29 14:22:02 UTC
From: "T.J. Alessi WB1L" <p01258@psilink.com>
Message-ID: <2974036671.0.p01258@psilink.com>
Source record: 276063

Can anyone E-Mail me the 800 Mhz (cell restoration) modification
for the Radio Shack Pro-2026 scanner

Send any info to me at: TJA@Panix.Com

Thanks

Tom

T.J. Alessi - WB1L P.O. Box 16781, Stamford CT. 06905 203-969-1880(H)
INTERNET: TJA@Panix.Com AmprNet: 44.88.6.35 ax.25: WB1L@KC2FD.#nli.ny

2108. Re: Useful channel "banks"?

Newsgroup: rec.radio.scanner
Date: 1994-03-29 14:37:32 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CnFKMq.HsK@cbnewse.cb.att.com>
Source record: 276064

carmean@coyote.rain.org (David Carmean) asked:

> Do there exist scanners in which one can dynamically change the
> size of the channel banks? I'd like to be able to set up
> functional groups that do not necessarily have 10, 20,
> or 40 freqs. For instance, I'd like to be able to quickly
> turn on media freqs if I hear of a newsworthy incident
> on the public-service freqs. Similarly, I'd like to be able to
> group, say, law-enforcement freqs by city, or separate city
> and county fire from state and federal resources......

The Icom R-7100 has several 100 channel banks.
You can scan one bank at a time or all banks.
Beyond that, you can associate each channel with one
of 10 categories.

For example, bank 1 (channels 0-99) could be programmed to the
police, fire, ambulance, and press frequencies for your county.

Then, you could assign the police freqs to category 1,
the fire freqs to category 2, and the press freqs to
category 3.

When you scan, you can elect to scan:

- all (locked in) channels in bank 1, or
- only the fire channels, or
- only the police channels, or
- only the media channels.

Further, you can scan all the locked in channels in all banks,
or just the media freqs in all banks, etc.

There are many possibilities. The R-7100 is a great receiver
but it scans rather slowly.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

2109. Re: BC200XLT Won't Scan

Newsgroup: rec.radio.scanner
Date: 1994-03-29 15:35:53 UTC
From: randolph@est.enet.dec.com
Message-ID: <CnFnnK.13D@ryn.mro.dec.com>
Source record: 276066

In article <1994Mar24.223706.33257@ns1.cc.lehigh.edu>, men0@ns1.cc.lehigh.edu (MICHAEL E. NAGEL) writes...
>A friend asked me to check his BC200XLT. Seems his cat knocked it off the top
>of the refrigerator - it fell six feet to the floor. All functions work
>except it won't scan. I verified that the boards are seated, contacts are
>clean, key pad lines up and no lose parts were noted. Any ideas? Thanks, as
>always.

One thing that came to mind is that the microprocessor crystal might have cracked. If it's socketed, pull it and shake it. If it rattles, replace it. You might be able to shake the whole radio and hear the same thing. Other than that, not much to offer - a lot of things can break in a 6 foot fall.

-Tom R. N1OOQ randolph@est.enet.dec.com

2110. Re: what is "ringers at TKO"?

Newsgroup: rec.radio.scanner
Date: 1994-03-29 16:32:04 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Mar29.113204.2138@hnrc.tufts.edu>
Source record: 276067

In article <2n9ate$3h6@usenet.INS.CWRU.Edu>, ah595@cleveland.Freenet.Edu (Eric J. Hess) writes:
> what about innobate (sp?)? I'm guessing it has
> something to do with the airway?

Intubate? You got it . . . in with the tube.

2111. Scanner frequencies in Toronto, or Windsor?

Newsgroup: rec.radio.scanner
Date: 1994-03-29 16:57:32 UTC
From: mason4@server.uwindsor.ca
Message-ID: <CnFr3x.1xJ@uwindsor.ca>
Source record: 276068

Does anyone have a list of frequencies in Toronto or Windsor? Any info would be appreciated. thanks.

Chris

2112. Need MO. Freqs

Newsgroup: rec.radio.scanner
Date: 1994-03-29 16:58:58 UTC
From: spikes@sc.hp.com
Message-ID: <2n9moi$3fa@hpscit.sc.hp.com>
Source record: 276069

I'm looking for interesting freqs for the Kansas City, Springfield, and Branson, Missouri areas.

"Interesting" being at least:

City, county, state police.
Highway patrol.
Fire depts.
Bass Pro Shop. :)
Open 2 meter ham repeaters.

Any and everything else you think I may NEED.

Thanks,

Bill
wb6rzg

2113. Need Iowa Freqs

Newsgroup: rec.radio.scanner
Date: 1994-03-29 16:59:35 UTC
From: spikes@sc.hp.com
Message-ID: <2n9mpn$3fa@hpscit.sc.hp.com>
Source record: 276070

I'm looking for interesting freqs for the greater Des Moines, Iowa area.

"Interesting" being at least:

City, county, state police.
Highway patrol.
Fire depts.
Open 2 meter ham repeaters.

Any and everything else you think I may NEED.

Thanks,

Bill
wb6rzg

2114. Re: 2 meter HAM as Scanner

Newsgroup: rec.radio.scanner
Date: 1994-03-29 17:09:30 UTC
From: wps@ElSegundoCA.NCR.COM
Message-ID: <5838@tdbunews.teradata.COM>
Source record: 276071

In article F3q@hkuxb.hku.hk, pckwong@hkuxb.hku.hk (VR2XVI) writes:
-->Randy (randy1314@delphi.com) wrote:
-->: I have seen several adds discussing the fact that a couple of the
-->: handheld Icom HAM radios are also capable of receiving and scanning
-->: other frequencies and even the 800mhz cellular band and was wondering
-->: if they are actually being used as such and if they can compete with
-->: a radio built only as a scanner fo performance.
-->
--> I just saw some 2m HT with 430 MHz Rx capability but not
--> 800 MHz. Which brand & model you saw get that?
-->
--> Philips Wong, VR2XVI

Icom make a 2 meter radio, I can't remember the model, that is a 2 meter
transceiver on one side and a scanner on the other.

Other 2 meter radios, when modified, extend the rx coverage.
For example: the Yaesu FT-530 with the mod can:
receive: 110-180 300-500 800-950 MHz
transmit: 110-180 400-500 MHz

Bill

Bill Starkgraf wps@ElSegundoCA.ncr.com
AT&T Global Information Solutions (310) 524-5754
El Segundo, CA (800) 222-8372 x5754

Call: KD6UQB Simi Settlers ARC
Simi Valley, CA

2115. Re: Scanner Laws in Northern VA?

Newsgroup: rec.radio.scanner
Date: 1994-03-29 17:26:10 UTC
From: wps@ElSegundoCA.NCR.COM
Message-ID: <5839@tdbunews.teradata.COM>
Source record: 276073

In article 3550@alw.nih.gov, weisen@alw.nih.gov (Neil Weisenfeld) writes:
-->
-->Someone posted to alt.radio.scanner that it is illegal to "carry" a scanner
-->in Northern VA without a permit (and that those permits are basically only
-->given to volunteer Fire/Rescue types). Does anyone know if that's true?
-->I'd be really bummed if I blew $250 on a Pro-43 that I can't carry
-->(regardless of whether "carry" means on foot or in a motor vechicle).
-->
-->--Neil
-->
-->--
-->Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
-->Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
-->Bethesda, MD 20892 Fax: 301/402-2867

Become a Ham and protect your interest. The scanner laws were addressed in
"The ARRL Letter" Vol 12, #17 dated September 14, 1993. The FCC decision
on August 20, 1993, after 5 years of effort by the ARRL, protects
Ham operators from ill-conceived local and state laws and ordinances.

This letter can be obtained via anonymous FTP from oak.oakland.edu
in the area /pub/hamradio/arrl/infoserver/hiram

or by sending e-mail to info@arrl.org and place the following 2 lines as the
text of the message:

send arrl-letter-9-14
quit

73's
Bill

Bill Starkgraf wps@ElSegundoCA.ncr.com
AT&T Global Information Solutions (310) 524-5754
El Segundo, CA (800) 222-8372 x5754

Call: KD6UQB Simi Settlers ARC
Simi Valley, CA

2116. Re: Pittsburgh and Western PA Freq Wanted

Newsgroup: rec.radio.scanner
Date: 1994-03-29 17:30:34 UTC
From: otto@wpxi.pgh.net
Message-ID: <2n9ed5$dgv@toads.pgh.pa.us>
Source record: 276074

Jim Post,
Did you get the E-Mail that I sent you?

Otto Schellin
Network Supervisor
WPXI-TV, Pittsburgh

2117. Re: what is "ringers at TKO"?

Newsgroup: rec.radio.scanner
Date: 1994-03-29 17:49:43 UTC
From: jacob@mayhem.cwru.edu
Message-ID: <2n9pnn$n0l@usenet.INS.CWRU.Edu>
Source record: 275925

In article <2n9ate$3h6@usenet.ins.cwru.edu>,
Eric J. Hess <ah595@cleveland.Freenet.Edu> wrote:

[several irrelevant quoted articles deleted]

>attention :-) what about innobate (sp?)? I'm guessing it has

Intubate. To insert an endotracheal tube. The ET tube is the
"gold standard" of airway management.

--
Catapultam habeo. Nisi pecuniam | Jacob DeGlopper, EMT-A, N3RHI
omnem mihi dabis, ad caput tuum | Case Western Reserve University
saxum immane mittam. | jacob@mayhem.cwru.edu

2118. GMRS

Newsgroup: rec.radio.scanner
Date: 1994-03-29 18:38:03 UTC
From: dp317@cleveland.Freenet.Edu
Message-ID: <2n9sib$rfa@usenet.INS.CWRU.Edu>
Source record: 275926

Can someone tell me which form I need to fill out for GMRS
radios? Please email....

Thank you
--
Joseph A. Liu - Guest Account
Case Western Reserve University
Cleveland, OH. USA
dp317@kanga.ins.cwru.edu

2119. Re: Looking for Scanner with RS-232 Computer Interface

Newsgroup: rec.radio.scanner
Date: 1994-03-29 18:41:14 UTC
From: S Willingham <harris.swilling@ic1d.harris.com>
Message-ID: <CnFvwr.Ktu@news.ess.harris.com>
Source record: 275927

In article <CnAGLo.Inw@world.std.com> Stuart J Adams, sja@world.std.com
writes:
>I am looking for a scanner which can be controlled by a computer
>via RS-232.

You might check out the AOR AR3000A. It has a freq range of 100kHz to
2.036 GHz with some pretty sophisticated performance specs including a
built in RS232. I believe it runs around $1200. For suppliers, try
Grove (800)438-8155 or maybe EEB (800) 368-3270.

Good luck.

Steve Willingham | "Will communicate during next
swilling@ic1d.harris.com | favorable satellite overpass"

2120. Index file for BARC FTP area now available

Newsgroup: rec.radio.scanner
Date: 1994-03-29 18:45:55 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCnFw4K.BoD@netcom.com>
Source record: 275928
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

```
I finally finished the Index file for the Boston ARC's hamradio
section on Oakland University's anonymous FTP site oak.oakland.edu

The file is called 00-Index.txt, and is located in the /pub/hamradio
directory.

The format of this file is:

/name of directory/
files a one-line description of each file
within
the
directory

I know this project has been long overdue, but the inclusion of the
archives on the QRZ CD-ROM was just the insentive I needed.

If you do not have direct FTP capability, and would like a copy of the
file, please let me know.

73,
Scott, WY1Z

--
================================================================================
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na |
|------------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| oak.oakland.edu:/pub/hamradio |
================================================================================
```

2121. Re: [q] Freq of public GRMS ?

Newsgroup: rec.radio.scanner
Date: 1994-03-29 19:00:28 UTC
From: pfeiffer@humboldt.kent.edu
Message-ID: <2n9tsc$61p@ns.mcs.kent.edu>
Source record: 275929
Cross-posted to: alt.radio.scanner,rec.radio.scanner

```
>
|> GMRS is 462.55 to 462.725 for simplex & repeater outputs. These
|> are the ordinary 8 channels. Recently auhorised splits for lo
|> power simplex are, if I recall aright, 462.5625 through 462.7375.
|> onymouse@hypatia.com | onymouse@netcom.COM | CI$: 75530,347
|> Box 51067 Pacific Grove, CA, 93950-6067 USA

J.C. Whitney sells several UHF and VHF radios. One UHF model
is available with frequencies 467.825 & 467.875 (and others)
which seem to be outside the GMRS range. I dont have the catalog
with me to check. What are these frequencies? And what is the
designation for the VHF (15?.??? mHz) that Radio shack sells???

DHP
```

2122. RE: BC 200XLT problem

Newsgroup: rec.radio.scanner
Date: 1994-03-29 19:05:26 UTC
From: drr1@nauvax.ucc.nau.edu
Message-ID: <29MAR94.19052676@nauvax.ucc.nau.edu>
Source record: 275930

In a previous article, <HINKEL@NDSUVM1.BITNET> wrote:
>Hi everyone,
>
>I have a Uniden Bearcat 200XLT. The problem is it likes to shut itself off
>whenever it feels like it. It does it both when I use just the battery pack or
>when I have it plugged in. Although it seems to do it more when I'm using just
>the battery pack. Some days it's fine and others it does it every three
>minutes or so. All I have to do is turn the switch off and turn it back on and
>it will work again for a few minutes but this is real annoying. It does not
>seem to turn off when someone is speaking but when it is scanning for a while
>with no response it acts up.
>

There might be something wrong with the battery pack. You'll probably have to
buy another one.

Hope this helps.

Mine was doing some weird stuff a while back, ie, it wouldn't turn on with just
the battery pack, even after the battery was fully charged. I laid out $40 for
a new pack, and it works fine.

2123. Re: ICOM IC-R1

Newsgroup: rec.radio.scanner
Date: 1994-03-29 19:10:57 UTC
From: S Willingham <harris.swilling@ic1d.harris.com>
Message-ID: <CnFxAA.13q@news.ess.harris.com>
Source record: 275931

In article <2089@dgaust.oz.dg.com> David McGregor, mcgregor@dgaust writes:
>There seems to some negitive messages kicking around about it.
>One comes to mind. "it's the only scanner I've owned that I wouldn't
>buy again" WHY??????????????????
>Is there a Tandy with the same coverage that is better value for money?
>Anyone with any thought one this, please come in!!!!!

As with any extremes in technology, there are trade-offs. The R-1 is tiny...very tiny. This makes it a very discrete piece of equipment to carry around. Only a few years ago, one would be insane to think the average Joe could carry around such reception capability in his shirt pocket. The broad frequency coverage and sophisticated features of the R-1 are quite impressive, and it does work quite well (cellular reception and all). But... it's tiny size does extract a price in the form of selectivity during limit scan, and it's desire for an optimum antenna at HF frequencies.

You have to look at your intended application to determine if the R-1 is right for you. In my case, I needed a VERY discrete receiver that I could carry into work to listen to the Shuttle during launches here on the space coast. Military aircraft freqs were also needed. I have noticed no shortcomings in the memory scan mode. So for me the R-1 is ideal. If you don't need such discrete portability, there are other portables on the market, but most all with anywhere near the same capabilities as the R-1 will share it's trade-offs.

Good luck!

Steve Willingham | "Will communicate during next
swilling@ic1d.harris.com | favorable satellite overpass"

2124. ISO: Pro 35 Mods

Newsgroup: rec.radio.scanner
Date: 1994-03-29 19:21:36 UTC
From: tony.blake@stpaul.ncr.com
Message-ID: <tony.blake.36.2D987FC0@stpaul.ncr.com>
Source record: 275932

Hi Gang,

A friend of mine was given a RS Pro 35 scanner.

Are there any mods available for this scanner?
I didn't find any mod files in the usual places.

Thanks,

==========

Tony Blake KB0LXR DOD9045 AT&T Global Information Solutions
tony.blake@ccmsmtp.stpaul.ncr.com Network Products Division
(612) 638-7259 voice 2700 Snelling Avenue North
(612) 638-8173 fax St Paul, MN 55113-1784

Disclaimer: The smelling pistakes are all my own.
==========

2125. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-03-29 19:28:01 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.87.0013781F@ccm.hf.intel.com>
Source record: 275949

In article <cntrspyCnG9t6.7IK@netcom.com> cntrspy@netcom.com (Executive Protection Assoc) writes:

>Joseph Liu (dp317@cleveland.Freenet.Edu) wrote:

>: Can someone tell me which form I need to fill out for GMRS
>: radios? Please email....

>/////////

>FCC Form 574, available from your local (or semi-local)
>FCC field office, look in the white pages under "US Government"

>Chris Hall
>Operations Director
>Executive Protection Associates, Inc.

I have heard that there is a group that helps people with GMRS licensing. I can't remember the name. Something like RADIO ADVANCEMENT GROUP or something vague like that. They offer free help. Anyone have the name & phone?

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2126. Re: what is "ringers at TKO"?

Newsgroup: rec.radio.scanner
Date: 1994-03-29 19:51:27 UTC
From: mladair@mtu.edu
Message-ID: <2na0rv$m7l@pace1.cts>
Source record: 275933

Eric J. Hess (ah595@cleveland.Freenet.Edu) wrote:

: Thanks for the info. Seeing how it is we already got your
: attention :-) what about innobate (sp?)? I'm guessing it has
: something to do with the airway?

: Thanks,
: Eric

You probably mean intubate. And your right about it having to do with the airway. Basically, comes down to sticking a tube down the subjects airway to keep it open. There are several different ways to do this, but they all perform the same purpose.

Matt

+----------------------------+----------------------------+
Matthew L. Adair EMT	EMAIL: mladair@mtu.edu
Superior Search & Rescue	Snail: 176 DHH MTU
American Red Cross	Houghton, MI 49931
Disaster Team	Radio: N8SHA
RACES / ARES	Ma Bell: (906) 487-0275
+----------------------------+----------------------------+

| Experience is the hardest of all teachers because you |
| get the test first and the lesson last. |
+---+

2127. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-29 19:59:48 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Mar29.195948.19113@news.csuohio.edu>
Source record: 275934
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Some comments on the RS Silent Play I bought, others who have
one have same experience?

1. Looking for an excuse to justify the purchase of my RS RF freq
counter I tried to lock in on the Silent Play transmitter.
Only way I could get a reading was to actually wrap the wire
xmitter antenna around the RF counter antenna a few times. Oddly,
I got an xmit freq range of 85MHz to 90Mhz. Anyone else have same
experience? Actually also touched bare end of the transmitter
antenna to the RF counter antenna (they say not to do that, but I
figured it's a weak enough transmitter, could not hurt), and got same
85-90Mhz range. But, when listening to the transmitter thru
my digital display stereo receiver, it was as advertised - 89-93Mhz.
Seemed strange.

2. Anyone know the transmitter output in milliwatts/microwatts?
Wasn't in specs.

3. The specs say the transmitter soaks up only 9 milliwatts, seems
low to me. Receiver soaks up 15 as I recall.

4. To lower battery consumption off those tiny AAA's, I removed the
red LED on the transmitter. Serves no purpose I think other than to
let you know it's on, and also to fill the hole in the plastic mold
shared by the stereo-on indicator on the same hole in the receiver
unit. No wonder it cost them so little to make.

5. When I tune the receiver part of the pair to a dead spot, then
I flip on the transmitter and tune the transmitter, I also notice
the reciever is getting tuned also! I.e, you can tune in stations
(within 88-91mhz) on the receiver unit by merely adjusting
the transmitter (and not touch the receiver). This seemed odd.
The receiver goes back to it's original dead spot if you shut
off the transmitter.

6. I think to increase range, you simply increase the length
of the antenna even integral lengths. I suppose you could calculate
1/4 and 1/2 wavelengths, and solder in your own antenna wire. Might
also be possible to rig your own small telescoping antenna to the
unit (like for a cordless phone) with some careful drilling.

7. If you wanted to construct a dipole, you would use the transmitter
wire antenna for one half. Where would you take the other half, from
the negative battery terminal?

How bout for a 5-element Yagi? (just kidding).

8. If you just run the transmitter without audio input (dead carrier) into any FM radio, you can of course hear silence. Now, flip the transmitter switch between mono and stereo. Going from stereo to mono, you hear a slight, quick, audible chirp going from a high tone to a lower one coming from the FM receiver. I suspect it has something to do with the transmitted stereo signal going from multiplexed to monoaural, and you are hearing some sort of artifact of that transition.

This little gizmo is getting a lot of attention. Anyone up for starting an alt.radio.silent-play? :-) again, just kidding.

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

2128. Re: Have you opened your MVT-7100?

Newsgroup: rec.radio.scanner
Date: 1994-03-29 20:54:08 UTC
From: tw@intel.com
Message-ID: <CnG229.3x0@ibeam.intel.com>
Source record: 275935

Johnathan - one thing I noted, which might be of interest to others
is that while prying apart the two halves of the unit, there are two
latching tabs inside the battery compartment which can break.
Be sure to free both of these while separating the halves of the unit.
-Tom Walsh, tw@ibeam.intel.com
>side. You can leave the bottom ones in. Remove the four screws (2
>either side......err.....) and gently prise apart the two halves.
>JC
>
> /--\
>| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
>| Bradford. U.K. Compu$erve: 100117,535 |
> \--/

2129. Re: Silent Play RS 270-1715

Newsgroup: rec.radio.scanner
Date: 1994-03-29 21:52:39 UTC
From: pophal@nicmad
Message-ID: <pophal-290394155239@64.0.2.33>
Source record: 275936

In article <CnExn9.C9K@noose.ecn.purdue.edu>, kronz@periphae.ecn.purdue.edu (Jason A Kronz) wrote:

> Anyways the reason why Im posting is that Ive seen people wanting to
> increase the range of this so I thought I would take a look inside...
>
> What I found was a chip that I can't identify... I imagine its the
> circuit that makes the FM stereo signal, but since I don't have the specs
> I don't know...
>
> the chip is marked JRC A2002A... Does Anyone have info on this???
> I like others wanted to increase the voltage to make the transmitter
> transmit farther, but without know what the JRC-A2002A accepts as
> a supply voltage, I'm not going to mess with it right now.

The chip is actually a NJM2035 Stereo Modulator. Maximum supply voltage @ 25 degrees C is 3.6V. It is made by New Japan Radio Co.

--
Gerry Pophal
UUCP: uwvax!astroatc!nicmad!pophal
Inet: nicmad!pophal%astroatc.uucp@spool.cs.wisc.edu
Inet: pophal%nicmad%astroatc.uucp%spool.cs.wisc.edu

2130. HB-232 instruction set info?

Newsgroup: rec.radio.scanner
Date: 1994-03-29 22:57:37 UTC
From: mac@cray.com
Message-ID: <mac.764978952@juniper22>
Source record: 275937

Does anybody know of, or have a description of the instruction
set defined by the COMMtronics HB-232 computer interface
for the PRO-200* radios? This would be a list of the
functions of the radio that can be controlled, like
"set memory channel to X", "load VFO with frequency Y"
and so on.

Thanks,
Mark
mac@cray.com

2131. Re: Anybody tried FCC.GOV ?

Newsgroup: rec.radio.scanner
Date: 1994-03-29 23:32:45 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Mar29.183245.1@uoft02.utoledo.edu>
Source record: 275938
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Clough@javiaton.demon.co.uk (Jonathan Clough) writes:
>
>
> Wonder if anybody knows if the FCC allow you to Telnet to
> FCC.GOV ?
>
> You can do an anon ftp on which they have press releases and what
> not but as the system apparantly only came on line mid Feb its
> still early days and there is not a great deal on their.
>
> I wonder if they have any plans to allow interogation of any
> Databases they may have ?
--

The FCC is finally replacing their 70's vintange computer and replacing it with a more modern PC based net. This new net will allow the FCC to begin processing the new 'vanity' US amateur radio callsigns. Perhaps the FCC will also put the database online!

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

2132. Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-03-29 23:36:13 UTC
From: S Willingham <harris.swilling@ic1d.harris.com>
Message-ID: <CnG9KE.8pp@news.ess.harris.com>
Source record: 275939

My question is: How come some of the conversation heard (as you are quickly passing through the band with your hands over your ears) is only one side of the conversation? Typically, the land line side. I think the cellular side that can usually be heard is the sidetone fed back to the cellular user, but why can't you always hear it? There must be a simple explaination. Maybe I'm just thinking too hard.

Forgive me if this has been covered a zillion times before.

Steve Willingham | "Will communicate during next
swilling@ic1d.harris.com | favorable satellite overpass"

2133. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-03-29 23:41:29 UTC
From: cntrspy@netcom.com
Message-ID: <cntrspyCnG9t6.7IK@netcom.com>
Source record: 275940

Joseph Liu (dp317@cleveland.Freenet.Edu) wrote:

: Can someone tell me which form I need to fill out for GMRS
: radios? Please email....

/////////

FCC Form 574, available from your local (or semi-local)
FCC field office, look in the white pages under "US Government"

:
: Thank you
: --
: Joseph A. Liu - Guest Account
: Case Western Reserve University
: Cleveland, OH. USA
: dp317@kanga.ins.cwru.edu
--

--

Chris Hall
Operations Director
Executive Protection Associates, Inc.

1 Computer Nerd + 1 Computer = 3.5 Middle Managers
>>> Source: Harvard Business Review.....math for the 90's

Opinions Expressed are those of the author and NOT those of EPAI.

PGP Key available... If you ask nicely...

2134. Spying equipment

Newsgroup: rec.radio.scanner
Date: 1994-03-29 23:50:35 UTC
From: "Roger A. Blais" <SF00@music.mus.polymtl.ca>
Message-ID: <29MAR94.20350705.0053@music.mus.polymtl.ca>
Source record: 275941

Does anyone know of a store in the Montreal area that sells
spying equipment (the kind used by investigators for example)?

Thanks for any help.

2135. Aor300, Any Opinions?

Newsgroup: rec.radio.scanner
Date: 1994-03-30 00:31:00 UTC
From: Ken.Ota@f239.n109.z1.fidonet.org
Message-ID: <c36_9403291941@blkcat.fidonet.org>
Source record: 275942

I recently bought an AOR3000A. The advantages are that it has a lot of features, has continuous coverage to 2 gHz, can pickup SSB, shortwave (as good as YB400), with 15 preselector filters and multiple RF frontends is extremely clean in terms of IM and images, has 400 memories, 4 programmable searchs, selectable steps, selectable delays, lockout frequencies during search as well as scan, programmable attenuator by channel. The disadvantages are that some functions require a lot of button mashing and there are only 4 banks for the 400 channel memories.

2136. Duke University Freq.?

Newsgroup: rec.radio.scanner
Date: 1994-03-30 01:59:12 UTC
From: an85347@anon.penet.fi
Message-ID: <020304Z30031994@anon.penet.fi>
Source record: 275943

Does anyone have any frequency listings for the Durham, North Carolina
area, specifically Duke University and especially Duke PUblic Safety?

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To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

2137. western new york frequencys

Newsgroup: rec.radio.scanner
Date: 1994-03-30 02:06:37 UTC
From: dretzik@uoguelph.ca
Message-ID: <2namrd$p62@nermal.cs.uoguelph.ca>
Source record: 275944

Can someone give me freqs in Western New York? I'm particularly looking
for police, fire, and other action freqs. I'm looking for them in the
Niagara Falls, Buffalo, Youngstown, Lewiston area, (and any other area
close by the border). If there are too many of them,just send the main ones
along
with what they are. Could someone recommend where I could get a directory
of the area? Thanks

2138. Re: what is "ringers at TKO"?

Newsgroup: rec.radio.scanner
Date: 1994-03-30 02:13:31 UTC
From: stan@netcom.com
Message-ID: <stanCnGGuK.uL@netcom.com>
Source record: 275945

Actually the term is "intubate," and it means placing an
endotracheal tube (about a 7.0 or 8.0 mm ID PVC tube) into
the larynx through the mouth, usually with a laryngoscope,
which is essentially a metal tongue blade with a light at
the end to allow direct viewing of the vocal cords and larynx.
The purpose of the tube is to allow ventilation of the lungs
when an Ambu bag and mask either won't work (facial trauma,
inablility to keep a good mask fit to the face) and/or when
the airway must be protected from secretions, vomitus, etc.
in an unconscious or obtunded patient.

Is this more than you wanted to know?

Stan

--

| Stan Perkins | stan@netcom.com |
| ASMG, Inc. | (619) 457-1501 |

2139. Re: pro2006 pc scan info needed

Newsgroup: rec.radio.scanner
Date: 1994-03-30 02:29:02 UTC
From: mike@koteka.zko.dec.com
Message-ID: <2nao5e$kg3@usenet.pa.dec.com>
Source record: 275946

rling@cad3.uccb.ns.ca wrote:
: Does anyone have their pro2006 scanner connected to a PC.

: If so how does it work and how does it hook up to your PC.

: I have a pro2006 and a 386dx PC.

The HB-232 (recently renamed the CE-232) is available from COMMtronics Engineering P.O Box 262478 San Diego CA 92196 it is the best! drop 'em a line for info...

or better yet dial up thier BBS 617.578.9247 (6pm - 1pm pacific time)

It requires some assembly but it is worth it!

--
Test .sig

2140. Re: Have you opened your MVT-7100?

Newsgroup: rec.radio.scanner
Date: 1994-03-30 02:43:26 UTC
From: pckwong@hkuxb.hku.hk
Message-ID: <CnGI8E.4B0@hkuxb.hku.hk>
Source record: 275947

Tim Tyler (tim@umcc.umcc.umich.edu) wrote:
:
: I have nightmares of the keyboard buttons & other components
: flying out as soon as the plastic shell is opened...
:
What's that, Tim? Even a dinosaur Icom IC-02AT won't "fly".

- Phil. VR2XVI

2141. verification of Pro-37 specs needed

Newsgroup: rec.radio.scanner
Date: 1994-03-30 03:24:32 UTC
From: sita@ecf.toronto.edu
Message-ID: <CnGK4w.2Lw@ecf.toronto.edu>
Source record: 275948
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I'm looking for someone to confirm for me that the Pro-37 does indeed support the following frequencies (perhaps modified to support them?)

30.000 - 54.000
108.000 - 136.975
137.000 - 174.000
380.000 - 512.000
806.000 - 823.9375
851.1125 - 960.000 Mhz

Additionally, what would be a fair price to pay for a used (modded) Pro-37? Are there any serious drawbacks that should disuade me from this model?

Thanks for any help!

2142. Re: GMRS

Newsgroup: rec.radio.scanner
Date: 1994-03-30 04:16:59 UTC
From: bobw@col.hp.com
Message-ID: <2naufr$h4m@hp-col.col.hp.com>
Source record: 275950

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:

: I have heard that there is a group that helps people with GMRS licensing. I
: can't remember the name. Something like RADIO ADVANCEMENT GROUP or something
: vague like that. They offer free help. Anyone have the name & phone?

Personal Radio Steering Group
PO Box 2851
Ann Arbor, MI 48106
313-662-4533

2143. Re: ICOM IC-R1

Newsgroup: rec.radio.scanner
Date: 1994-03-30 04:56:37 UTC
From: danny@netcom.com
Message-ID: <dannyCnGoED.D4M@netcom.com>
Source record: 275951

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: Although I risk being persecuted for saying something bad about the
: almighty MVT-7100, when I saw it in the store window, the first thing that
: struck me was how BIG it was. At the time, I was looking for something a bit
: more stealth-like. Am I the only person who thinks this thing is a real
: brick? I assume its performance outweighs its size, so people don't complain.

Nothing on the market beats the R1 for stealth, but such stealth is worthless
if performance stinks. While I'd like the Yupi to be smaller, it _is_
lighter in weight than it looks, and it essentially takes the place of
two travel radios:scanner and SW rx.

2144. Re: [q] Freq of public GRMS ?

Newsgroup: rec.radio.scanner
Date: 1994-03-30 06:04:02 UTC
From: strech1@aol.com
Message-ID: <2nb4oi$n8k@search01.news.aol.com>
Source record: 275952

My handy file tells me this about all those Itinerant and GMRS Freqs:

ITINERANT FREQUECIES
====================
Itinerant Frequencies are used for operations which may take place
anywhere in a given state or even anywhere in the country. Portable
radios, pre-programmed or crystallized with itinerant frequencies
are now widley avaialable. Often users will not license themselves.

33.14 154.570 464.500
35.04 154.600 464.550
43.04 158.400 469.500
151.505 451.800 469.525
151.625 456.800

DOT FREQUENCIES
===============
Some land mobile radio companies mark their radios with
dots or stars to indicate what frequency the radio is
tuned to. Below is a list of common designations.
Black Dot 462.625
Blue Dot 154.570
Blue Star 467.925
Brown Dot 464.500
Gold Star 467.875
Green Dot 154.600
Orange Dot 462.675
Red Dot 151.625
Red Star 467.900
Silver Star 467.850
White Dot 462.575
Yellow Dot 464.550

GMRS FREQUENCIES
================
There are eight primary frequency pairs allocated to the GMRS: 462.550
467.550 MHz
462.575 467.575
462.600 467.600
462.625 467.625
462.650 467.650
462.675 467.675
462.700 467.700
462.725 467.725
The higher frequency is used for repeater inputs.

GMRS licensees may use any of the following seven
split channels in simplex mode with 5 watts maximum power: 462.5625 MHz
462.5875
462.6125
462.6375
462.6625
462.6875
462.7125

Hoping this works, first time posting from AOL.
David, Pacific Grove, Ca

2145. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-30 07:26:49 UTC
From: ad178@FreeNet.Carleton.CA
Message-ID: <CnGvCp.LLp@freenet.carleton.ca>
Source record: 275953

NO tax here... (NH)

--
Life's to short to worry... :)

2146. My sanity

Newsgroup: rec.radio.scanner
Date: 1994-03-30 08:35:07 UTC
From: eclafl1@umbc.edu
Message-ID: <2nbdjrINNfun@umbc8.umbc.edu>
Source record: 275954

Dear DX'ers:

My E-mail box has been flooded by requests and questions regarding frequencies and guides. While I would like to answer each and every one of you personally, it is physically impossible to keep up between my schooling and work. I sincerely apologize.

In answer to the most frequently asked question "Is there an all inclusive book for scanner listeners?" the answer is no. However, there is one book that comes very close. It is called MONITOR AMERICA, and it is the only book I go by. What does it include? Let me give you a brief synopsis:

MONITOR AMERICA (about $30.00 last time I checked)
published annually, the 1994 edition is obviously out!

covers: ALL 50 states and Washington D.C.
ALL MAJOR METROPOLITAN AREAS IN EACH OF THE 50 STATES

some (BUT NOT ALL) of the categories covered:

STATE POLICE COUNTY POLICE/SHERIFF'S POLICE LOCAL POLICE
CORRECTIONS STATE HIGHWAY/D.O.T. MARINE
RAILROADS AVIATION/MEDICAL-COMM-POLICE EMERGENCY MED SVCS
HOTELS/RESORTS SPORTING EVENTS/STADIUM SECURITY FEDERAL
PUBLIC TRANSIT PUBLIC WORKS/PHYSICAL PLANT CONSERVATION
FORESTRY SHOPPING CENTERS REACT NETS
BUFF NETWORKS NATIONALLY-USED FREQUENCIES MILITARY BASES
PHONE PATCHES TRUNKED PUBLIC SAFETY/DATA CHANNELS HOSPITALS
NAT'L MONUMENTS

that's off the top of my head.

MONITOR AMERICA is arranged by state, and is so good because each state section is authored by someone from the state, for the most part. Each state section also contains maps showing regional breakdowns of state police/highway patrol boundaries, as well as state D.O.T. regions. 10-codes unique to the particular state being covered are also included. Some major cities/counties have maps or written listings showing unique features to their system.

MONITOR AMERICA is available through SMB Publishing (no endorsement intended)
via VISA/M-C orders @ 800-722-6701

If you choose to write, here is their address:

SMB Publishing
Post Office Box 428
Newton Highlands, MA 02161

I can guarantee this book blows POLICE CALL and BETTY BEARCAT right out of the water IF you live near civilization in any of the states. If you live in, say, Olney, Illinois, Garnett, Kansas, or the like...stick with POLICE CALL or BETTY BEARCAT, as they give COMPLETE LISTINGS for the states via FCC printouts which allows you to find agencies particular to your county/township that will not be listed in MONITOR AMERICA.

I hope this helps to answer everyone's biggest question, and if anyone knows of a nationally-offered book that can compare with MONITOR AMERICA, please let me know so I can get my hands on it! I always want to learn more.

In addition, please limit frequency questions/requests sent to my E-mail to direct questions regarding Chicago metropolitan and the State of Illinois.

To readers of the net who have no idea why this was posted, thank you for indulging me so I may regain my sanity.

Sincerely,

****
ERIC CLAFLIN EMT-P, NICS, PHTLS ****** " It seems there is nothing
UNIVERSITY OF MARYLAND EMS ****** in this world that binds,
SHOCK TRAUMA SERVICES - UMBC ****** When you're trying to find
<<< green bay packers >>> ****** your place in the line. "
eclafl1@gl.umbc.edu ****** -JUDE COLE
**********^^^^^^**********

2147. Re: Looking for Scanner with RS-232 Computer Interface

Newsgroup: rec.radio.scanner
Date: 1994-03-30 10:04:26 UTC
From: asirene@ntuvax.ntu.ac.sg
Message-ID: <1994Mar30.180426.1@ntuvax.ntu.ac.sg>
Source record: 275955

In article <p01Phcz.ronaldharris@delphi.com>, ronaldharris@delphi.com writes:
> Stuart J Adams <sja@world.std.com> writes:
>
>>I am looking for a scanner which can be controlled by a computer
>>via RS-232.
>
Check out the YAESU FRG-9600 or FRG-965D, covers from 60 MHz to 905 MHz but
expandable to cover up to 950 MHz. I have software and a very simple interface
which won't cost you over $10.

Daniel

> Stuart,
>
> One of the very best is the ICOM R-7100 which sells for about $1400. You
> will also need to buy an interface and controlling software such as that
> made by DeltaComm (cost about $400). Another option is to get a Radio
> Shack PRO-2006 (about $400) and get a interface kit from Bill Cheeks (hertzian
> bbs) who came up with most of the mods for the 2006.
>
> Good luck!
>
> Ron

2148. Dutch question

Newsgroup: rec.radio.scanner
Date: 1994-03-30 10:47:40 UTC
From: s722413@kub.nl
Message-ID: <1994Mar30.104740.18790@kub.nl>
Source record: 275956

Forgive me if I'm on the wrong newsgroup for this, but can anyone help me to the radiofrequencies used by the local police in Tilburg, The Netherlands? They seem to have switched frequencies and I can't find them.

Thanks!

-Kees.

--
Kees Leune E-Mail: C.J.Leune@KUB.NL
Tilburg University, The Netherlands

Axioma: "Logic is death, imagination is life; Magic should be both."

2149. UK DRIVE-THRU's

Newsgroup: rec.radio.scanner
Date: 1994-03-30 13:17:14 UTC
From: dbrankin@mcs.dundee.ac.uk
Message-ID: <1994Mar30.141714.2188@zippy.dct.ac.uk>
Source record: 275957

I'm going mad 'cos I can't find the frequencies my local McDonalds use.
Can any of my fellow UK radio-wave surfers help.......

--
Derek Brankin Ear : 0382 23181 x4842
The Microcentre Screen : dbrankin@mcs.dundee.ac.uk
Dundee University Telepathy : "Yo Dek B", chant repeatedly
****** V8's, R/C Heli's, Radio scanners : E-mail gratefully received ******

2150. Re: Railroad scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-30 14:30:18 UTC
From: christos@panix.com
Message-ID: <2nc2dq$n5p@panix.com>
Source record: 275969

In <CnG2I5.J8B@cbnewsd.cb.att.com> gregory@cbnewsd.cb.att.com (gregory.a.youngdahl) writes:

> Any Railroad scanning buffs out there? I'm interested in using
>my scanner to hear whatever activity might be available and am looking
>for tips to this end.

material deleted

>course I may not be scanning the relevant frequencies, I'm wondering if
>they are even on the radio as they come through town. What types of
>transmissions might one expect from such a train, and how frequently would
>they be transmitting? Are there any types of signaling equipment that
>might be communicating with the train (or dispatcher or whatever) over the
>radio?

Lots of people interested in photographing or watching trains use scanners to monitor the railroad activity and get info on departures and arrivals. Though more detailed infor could be provided through rec.railroad or the railroad mailing list, I will try to give a few notes.

The essential book for railroad scanning is The Compendium of American Railroad Frequencies by G. Sturm & M. Landgraf, published by Kalmbach books. This book lists all railroads by state, noting the roads freq.s and what they are used for. Some maps are included. The FCC has allocated 100 channels for railroads so even without the boo you could find something. They range from 159.810 to 161.205. The book should be available through a hobby store, some book stores, through rail magazines, or direct from Kalmbach @ 1-800-533-6644.

Once you have the freqencies you can tune out the more heavily used police channels and pick up communications between road engines and dispatchers.

Again the book provides the most complete and up to date refernece, but there are faqs and people on the net who can provide you with the fine points of RR scanning, like how and why to tune in an end-of train device. As I write this more infor keeps dawning on me. There are 3 or 4 rail BBSs out there that can provide info and wuarchive.wustl.edu /graphics/trains/text should have something.

hope this helps
christos information has different uses for different people: it all depends on what your goal is pathiakis

2151. Quick reference guide for 2006?

Newsgroup: rec.radio.scanner
Date: 1994-03-30 14:39:05 UTC
From: S Willingham <harris.swilling@ic1d.harris.com>
Message-ID: <CnHFD6.6E3@news.ess.harris.com>
Source record: 275958

Has anyone put together a "quick reference sheet" for programming the Pro 2006? Nice scanner, but the owners manual is somewhat haphazardly written and really shy on some important programming points. Has anyone else encountered problems here. Are there more concise or detailed programming instructions that one could E-mail to me? I'm no dummy, but I think Tandy skimped a bit in thier documentation.

Thanks,
Steve Willingham
harris.swilling@ic1d.harris.com

Steve Willingham | "Will communicate during next
swilling@ic1d.harris.com | favorable satellite overpass"

2152. Re: Alinco 580

Newsgroup: rec.radio.scanner
Date: 1994-03-30 14:44:25 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Mar30.144425.6735@rsg1.er.usgs.gov>
Source record: 275959

In article <CnE0xo.7xH@microsoft.com>, stevenj@microsoft.com (Steven Johnson) writes:
|> I was out hiking the other day and came across someone with an
|> Alinco 580. It looked like about the size of a PRO-43 but
|> could do all sorts of cool things like tie into the cellular
|> phone network (not just to listen -- to make calls!) I'm wondering:
|> - exactly what is this thing
|> - how much are they
|> - where do I get one
|>
|> Thanks for any info.
|>

The Alinco DJ-580T is a dual band (2M/440) handheld tranceiver (HT) with wideband receive and transmit capabilities. As shipped, it will receive amateur, air and some public service. After a simple mod, it will receive 108-174, 400-487 and 860-999 Mhz. After another simple mod, it will transmit from about 130-165, 420-475 or so. IT WILL NOT XMIT ON THE 800 MHZ BAND SO IT WILL NOT 'TRANSMIT CELLULAR'. The ham in question was most likely utilizing a phone patch on a ham repeater - which most any modern HT can do. You must have an amateur license of technician or higher to transmit with such a radio. The test for no-code technician is very easy...

The DJ-580T is a very good HT - I owned one, but sold it reluctantly. It is available from any ham radio dealer. The going price is $360 to $400 depending on sales, coupons, rebates, etc.

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

2153. Re: Railroad scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-30 15:44:06 UTC
From: dhughes@prairienet.org
Message-ID: <2nc6o6$f9s@vixen.cso.uiuc.edu>
Source record: 275960

>Again the book provides the most complete and up to date refernece, but
>there are faqs and people on the net who can provide you with the fine
>points of RR scanning, like how and why to tune in an end-of train device.
>As I write this more infor keeps dawning on me. There are 3 or 4 rail BBSs
>out there that can provide info and wuarchive.wustl.edu
>/graphics/trains/text should have something.

The new issue of Monitoring Times (Apr 94) has a cover story on railroad
monitoring. Check it out!
--

2154. Power supply for scanner?

Newsgroup: rec.radio.scanner
Date: 1994-03-30 15:47:44 UTC
From: dhughes@prairienet.org
Message-ID: <2nc6v0$fgp@vixen.cso.uiuc.edu>
Source record: 275963

I have just purchased a Uniden handheld 55XLT scanner. The manual says to use the Uniden AD1004 power supply with this unit, because other power supplies may overcharge the nicads.

Can someone please give me the specs of this power supply? Am I wrong in thinking that most any 7.5V power supply will do a good job, and the Uniden folks are just trying to push their own product line?
--

2155. Re: Can you intercept...

Newsgroup: rec.radio.scanner
Date: 1994-03-30 15:50:11 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Mar30.155011.12363@alw.nih.gov>
Source record: 275968

Besides the points that Brett mentioned, if the manufacturers were to use an encryption system on the data, then you'd have another potentially *big* hurdle.

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2156. Railroad scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-30 16:11:00 UTC
From: gregory.halpin@bitbytes.clark.net
Message-ID: <e5.2712.143.0NE0A2D3@bitbytes.clark.net>
Source record: 275961

Greg Youngdahl asked:

G> Any Railroad scanning buffs out there? I'm interested in using
>my scanner to hear whatever activity might be available and am looking
>for tips to this end. I live in Batavia, IL and have heard some stuff
>from the Eola Yards in Aurora (I think they are Burlington Northern
>yards). These have been mostly track maintenance types of transmissions.
>What other types of things might be heard from a switching yard?

G>trains are running through Batavia, but so far am unsuccessful. While of
>course I may not be scanning the relevant frequencies, I'm wondering if
>they are even on the radio as they come through town. What types of
>transmissions might one expect from such a train, and how frequently would
>they be transmitting? Are there any types of signaling equipment that
>might be communicating with the train (or dispatcher or whatever) over the
>radio?

Well, Greg, I monitor rail frequencies, and am a railfan.

Yard comms will depend on what services occur in that yard. In my town, we have a small Conrail yard that is basically at the end of a secondary track (It doesn't go anywhere but here). So comms from there are limited. Basically switching, making up trains, and communicating with the dispatcher for clearance to occupy the "York Secondary" and eventually to enter the "Port Road".

When Enola Yard was in full operation (was scaled back several months ago) comms included "hump" operations, engine servicing, crew changes, trains getting clearance to enter, depart, and pass through the yard, etc.

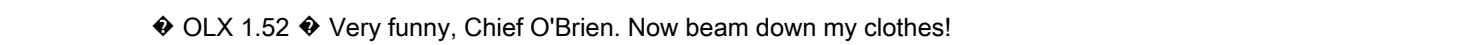
When monitoring Conrail in other local areas, you can hear track inspectors, trains getting cleared to occupy "blocks", maintenance crews, Conrail Police, and two other items of interest.

One is a "defect detector" or "dragging equipment detector", which are placed along main lines to electronically inspect passing trains for problems. It consists of an automated message similar to this: "Conrail, Marietta, Pennsylvania, Milepost 34.7, track 2, no defects, axle count 244, end transmission". This will then be reported to the dispatcher by the train crew. These detectors are low power, so you'll probably only hear a few local ones. They are good for an advance warning of an approaching train.

The other is a FRED (flashing red end device) or EOT (end of train) device, which is the little blinking light that replaced cabooses on the end of trains. They broadcast on a distinct frequency, and send data to

the crew at the front of the train. This you can monitor just to know there is a train in your area, but I know of no way to translate the data transmitted.

Another source of frequencies is a book, title The Compendium of American Rail Road Frequencies or something to that effect. Check train or scanner publications for the book, or possibly a local book store.



2157. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-30 16:23:01 UTC
From: bmuskett@Ingres.COM
Message-ID: <1994Mar30.162301.29936@pony.Ingres.COM>
Source record: 275962
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Mike Mayer (mike@garfield.csuohio.edu) wrote:
: Some comments on the RS Silent Play I bought, others who have
: one have same experience?

: 1. Looking for an excuse to justify the purchase of my RS RF freq
: counter I tried to lock in on the Silent Play transmitter.
: Only way I could get a reading was to actually wrap the wire
: xmitter antenna around the RF counter antenna a few times. Oddly,
: I got an xmit freq range of 85MHz to 90Mhz. Anyone else have same
: experience? Actually also touched bare end of the transmitter
: antenna to the RF counter antenna (they say not to do that, but I
: figured it's a weak enough transmitter, could not hurt), and got same
: 85-90Mhz range. But, when listening to the transmitter thru
: my digital display stereo receiver, it was as advertised - 89-93Mhz.
: Seemed strange.

Bought mine at RS on Broadway in Oakland CA last night. Listened to the
radio on the BART on the way home. I tried it out and I noticed that the
frequency indicated by the transmitter didn't seem to match up with the
receiver. But it works. RS must be wondering what's going on.

Bill

2158. Re: Any Rod, Cone Elements out there ?

Newsgroup: rec.radio.scanner
Date: 1994-03-30 16:40:15 UTC
From: daveh@frackit.UUCP
Message-ID: <4373@frackit.UUCP>
Source record: 275964
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <CnCLC0.6Az@ryn.mro.dec.com>, mcneill@salem.enet.dec.com (Kevin McNeill) writes:
-
-
- While taking down my Archer DISCONE SCANNER ANTENNA (Cat #
- 20-013) this weekend I broke one of the Cone element rods.
-
did the same thing while moving my Radio Shack discone from the chimney to my new tower. I was able to order a replacement part from Tandy National Parts at my local RS store.

73 ka3uzr

--
Internet: dave.hultberg@paonline.com or DAVID_B_HULTBERG@MCHFMCCM.NAVY.MIL
ASM Troop 196, Keystone Area Council and a good old Bobwhite too....

2159. Re: airport freqs

Newsgroup: rec.radio.scanner
Date: 1994-03-30 16:47:21 UTC
From: pas@cc.gatech.edu
Message-ID: <1994Mar30.164721.17599@cc.gatech.edu>
Source record: 275965

In article <2n7kp9$em1@hpscit.sc.hp.com>,
Jerry Simon (SE) <jerrys@a4430ux.esr.hp.com> wrote:
>If anyone has freqs for the following airports would you please send them to me, either
>thru this news group or directly.
>
>Greensboro, NC

Tower 119.1
Ground 121.9
Clearance delivery 121.75
Approach/departure 124.35 (north and west), 118.5 (south and east)
ATIS 128.55

+---+
____ _ | Paulo Santos Email: pas@cc.gatech.edu |
|____o,___/ ____| College of Computing |
([_________-\' | Georgia Tech Voice: +1 404 853-9393 |
| o' | Atlanta GA 30332-0280, U.S.A. Fax: +1 404 853-0673 |
+---+

2160. Re: Wanted pocket tone dialer

Newsgroup: rec.radio.scanner
Date: 1994-03-30 17:00:20 UTC
From: tharrell@nmsu.edu
Message-ID: <2ncb74INNcnb@dns1.NMSU.Edu>
Source record: 275967

rling@cad3.uccb.ns.ca wrote:
: Does anyone know where i can buy a pocket tone dialer, something
: like radio shacks 43-139 but with about 10 memories.

: thanks
: ron

: rling@cad.uccb.ns.can

I thought RS sold a pocket tone dialer with memories in addition to
their basic one. Don't have a catalog handy though.
--
T.J.

2161. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-30 17:09:42 UTC
From: ah301@yfn.ysu.edu
Message-ID: <ah301-300394120942@129.228.248.39>
Source record: 275966

I bought the silent play gadget yesterday (out of curiosity more than anything else).

what is the VOL on the transmitter for ? I assume LO is low power and HI is high power.

should I adjust the volume of my source until it starts to overmodulate and distort the signal then back off a bit, or should I adjust the volume to the lowest the gadget can handle ? I know the book says tune the volume halfway. I am asking this mainly from the standpoint of saving batteries on the transmitter, but other ideas are welcome.

jerry
n3rkd

2162. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-30 17:54:00 UTC
From: linnig@m2000.dseg.ti.com
Message-ID: <LINNIG.94Mar30115400@m2000.dseg.ti.com>
Source record: 276006
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

The Silent-Play devices sounds like it would lend itself to being placed in a bag with a scanner.

You can then use one of those headphone only FM receivers to walk around and listen to your scanner. Somewhat inconspicuous compared to having your scanner on your belt.

-- Mike, N5QAW

- - - - - - - - - - - - - - - - - - + - - - - - - - - - - - - - - - - - - +
Mike Linnig, Texas Instruments Inc. | 97.43% of all statistics are made |
Phone: (214) 575-3597 | up; most of them (83.6 percent) |
Internet: mike.linnig@dseg.ti.com | are wrong. |
- -

2163. Electronic devices on aircraft (x-posted from rec.aviation.piloting)

Newsgroup: rec.radio.scanner
Date: 1994-03-30 18:04:55 UTC
From: reece@eco.twg.com
Message-ID: <2ncf07$bdm@scoop.eco.twg.com>
Source record: 275973

In article <1994Mar29.174149.26588@ecdcsvr.tredydev.unisys.com>,
pbs1@ecdcsvr.tredydev.unisys.com (Peter Stelzenmuller) writes:
|>Newsgroups: rec.aviation.piloting
|>Path: eco.twg.com!twg.com!sgiblab!sgigate.sgi.com!olivea!charnel!charnel.net.csuchico.edu!nic-nac.CSU.net!usc!howland.reston.ans.net!pipex!sunic!psinntp!psinntp!relay1!ecdcsvr!pbs1
|>From: pbs1@ecdcsvr.tredydev.unisys.com (Peter Stelzenmuller)
|>Subject: Electronic devices on aircraft
|>Message-ID: <1994Mar29.174149.26588@ecdcsvr.tredydev.unisys.com>
|>Date: Tue, 29 Mar 1994 17:41:49 GMT
|>Organization: Unisys Corporation, Tredyffrin
|>Lines: 53
|>
|>
|>EMC Test & Design magazine just ran a re-print of an
|>1994 IEEE Spectrum article on portable electronic
|>devices in aircraft. The article was titled "Faults &
|>Failures: EMI in the Sky". The Spectrum article was Vol
|>31, Issue 2, pg 21 Feb 94. I have summarized some of
|>the key points from the article.
|>
|>The article detailed several cases of suspected
|>interference from carry-on electronic devices. One case
|>mentioned a commercial flight from Newark, to Saint
|>Martens in the Netherlands. The crew noticed gross
|>errors on both of the aircraft Omega sets. What saved
|>the day was a weak VHF VOR signal from Bermuda that the crew
|>was able to navigate with. Subsequent investigation
|>revealed that a passenger had been watching a potable
|>TV.
|>
|>Another incident ended in the arrest of a laptop user.
|>On a flight from La Guardia to O'hare, the captain
|>observed interference on the navigational equipment (?
|>sic) during takeoff. When the flight crew checked the
|>cabin they found a passenger using a laptop computer
|>and asked him to turn it off. Some time later, when the
|>same navigational problem recurred, the flight
|>attendant discovered that the same man had again turned
|>on his laptop. On arrival, as the plane was descending
|>after a long delay amid severe weather, the VOR's again
|>had problems. Once more the passenger had turned his
|>computer on. He refused repeatedly to turn it off until
|>the captain finally took it away, and had the passenger

|>arrested for disorderly conduct when the aircraft
|>landed.
|>
|>The article goes on to say that on of the most
|>frustrating aspects of this problem is its
|>nonrepeatability. There are only a few cases where a
|>portable electronic device can be directly tied to an
|>abnormal indication in the cockpit. The RTCA (Radio
|>Technical Commission for Aeronautics) has been asked to
|>look into this problem. A report by the RTCA in 1988
|>recommended banning the use of all electronic devices
|>below 3000 meters and banning the use entirely of such
|>intentional radiators as cellular phones and remote
|>control devices. This recommendation was never acted on
|>by the FAA, or FCC. Recently, though, these precautions
|>have been voluntarily adopted by the airlines. The RTCA
|>will be looking at the proliferation of electronic
|>devices that have come into existence in the last 10
|>years. The report should be due out this summer.
|>
|>-Peter

2164. Is there a FAQ for this group?

Newsgroup: rec.radio.scanner
Date: 1994-03-30 18:10:53 UTC
From: elw4@po.CWRU.Edu
Message-ID: <elw4.726.765051053@po.CWRU.Edu>
Source record: 275972

I'm wondering because I'm about to ask a question that would probably
be answered there. I'm planning to do some travelling this summer, and
being a railfan (see .sig) I'll be wanting to use my scanner in several
different states to listen to railroad frequencies. What states prohibit
the use of portable scanners without a license of some kind?

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I_I~ I---____Santa Fe__=_=_=I_I __I \----------------/ I__I \------------
`-'0==0==0~=============~0==0==0`-'~`o==o~-----------------~o==o~--------------
--Evan Werkema--elw4@po.cwru.edu--"Ship and Travel Santa Fe...All the Way!"--

2165. Re: HF Receivers for sale (nice ones!)

Newsgroup: rec.radio.scanner
Date: 1994-03-30 18:34:48 UTC
From: crisp@netcom.com
Message-ID: <crispCnHqA0.LII@netcom.com>
Source record: 275977
Cross-posted to: rec.radio.swap,rec.radio.shortwave,rec.radio.scanner

In article <crispCnA36n.5oK@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>In article <crispCn6qqw.9yJ@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>>In article <crispCn2usL.48y@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>>>Three for sale:
>>>
>>> Racal RA6793A HF scanning receiver with GPIB interface.
>>>
>>> Currently manufactured for the Govt agencies such as NSA,
>>> FCC etc. Photo on cover of Nov 92 (?) Pop Comm. 19" rack mount
>>> full set of filters, advanced self diagnostics even determine
>>> filter bandwidth. Top shape, beautiful, works great
>>> $1800
>>>
>>> Kenwood R5000 with full set of Kenwood filters. Great
>>> shape includes computer interface too. Loaded receiver,
>>> best audio of the tabletops according to Passport review.
>>> $775
>>>
>>> Drake R8 receiver with new ROMs. Great condition, full featured
>>> receiver including synchronous detection (works better than my
>>> nrd535D's sych detector). Even includes computer interface.
>>> $750
>>>
>>>
>
>The Drake is sold too....
>
>>> Icom R1 scanner with extra battery pack (BP83) and fast charger
>>> (Icom) plus the Icom extender to allow fast charger to be used
>>> to charge the internal battery. This one has even had the
>>> no longer available Raycom (England) roofing filter mod whihc
>>> greatly improved the intermod susceptability in the radio.
>>> This one has served me well, shows signs of use (such as wear on the
>>> buttons) but works flawlessly and is better than a new one in
>>> terms of RF performance. Full 800mhz coverage too!
>>>
>>> $400
>>>
>>
>
>The R1 is gone (but it really isn't an HF receiver anyway!)
>
>The Racal and Kenwood are still available but have had serious inquiries,

>so if you are thinking about making an offer, I suggest doing it soon if
>you want one.
>

Looks like I have takers for the Kenwood and the Racal too. Thanks for the
inquiries.

If things change and the deals fall through, then you will see them
up here again.
rdc

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2166. Re: Sonobuoys

Newsgroup: rec.radio.scanner
Date: 1994-03-30 18:35:33 UTC
From: Kenneth.E.Harker@Dartmouth.Edu
Message-ID: <2ncgpl$ikv@dartvax.dartmouth.edu>
Source record: 275970
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

In article <Cn4zo9.9KI@taurus.cs.nps.navy.mil>
rovero@oc.nps.navy.mil writes:

> Please be *extremely careful* with this device. The main battery is
> seawater activated, and there is a inflatable collar float that inflates
> and an antenna that is extended when it enters the water (actually, when
> two pins on the body of the sonobuoy are shorted). You don't want to
> be holding the device when this happens!
>
> The signal is 1W, VHF-FM, transmit only. Old ones had a single channel,
> newer ones can select one of 99 channels (synthesized).

I just got back from a long trip to Dallas for a job interview, so
I haven't had any time to play with the sonobuoys yet (they've been
safely sitting under my bed the whole time). I knew the two pins on
the bottom of the buoy had something to do with activating it, but I
was thinking they might be pressure activated (hitting the water and
all) but the salt-water shorting makes a lot more sense - I'll be
careful to make sure they don't get shorted!
I don't seem to see any channel setting switch on the outsides.
On the small one, there is a switch that sets the life from 1 to 3
hours, and the larger one has something that seems similar, with
settings at 1, 3, and 8. On both of them, the number 4 is printed in
large font around the center of the cylinder and on their bottoms.
Here are some other distinguishing numbers:

Small buoy: Large buoy:

Side: Side:
AN/SSQ-41A AN/SSQ-57A
37695 DVK 26479 N00163-78-C-0037
N00019-71-C-0544 LOT 1 37695
LOT 34 <- ROTATE ->
TO
SET DEPTH
300 60
FEET

Bottom: Bottom:
SSQ 4 LAU-111/A
41A N000163-78-C-0037
Depth Selector MFG. NO. 37695 LOT NO. 01
Press to turn
60<->300

I would like to eventually set these up as a 2m FM rig for packet so I can free up my HT for other uses (1W is more than adequate for me here). I understand these sonobuoys only have TX units in them, so if any recommendations can be made on how I can get an RX unit for 2m or convert one of the buoy's TX units to an RX unit, I would appreciate it. Any advice at all on how to go about converting these radios to 2m use would be greatly appreciated.

==========
Kenneth E. Harker N1PVB Dartmouth College Amateur Packet Radio
kenneth.e.harker@dartmouth.edu Hinman Box 1262 n1pvb@w1et.nh.usa.na
(603) 643-6549 Hanover, NH 03755 or n1pvb-5 on 144.99
==========
(PGP Public Key now available on request)

2167. Re: Electronic devices on aircraft (x-posted from rec.aviation.piloting)

Newsgroup: rec.radio.scanner
Date: 1994-03-30 18:57:18 UTC
From: dbushong@wang.com
Message-ID: <CnHrBL.4u2@wang.com>
Source record: 275971

reece@eco.twg.com (Reece R. Pollack) writes:

>In article <1994Mar29.174149.26588@ecdcsvr.tredydev.unisys.com>,
pbs1@ecdcsvr.tredydev.unisys.com (Peter Stelzenmuller) writes:
>|>Newsgroups: rec.aviation.piloting
>|>Path: eco.twg.com!twg.com!sgiblab!sgigate.sgi.com!olivea!charnel!charnel.net.csuchico.edu!nic-nac.CSU.net!usc!howland.reston.ans.net!pipex!sunic!psinntp!psinntp!relay1!ecdcsvr!pbs1
>|>From: pbs1@ecdcsvr.tredydev.unisys.com (Peter Stelzenmuller)
>|>Subject: Electronic devices on aircraft
>|>Message-ID: <1994Mar29.174149.26588@ecdcsvr.tredydev.unisys.com>
>|>Date: Tue, 29 Mar 1994 17:41:49 GMT
>|>Organization: Unisys Corporation, Tredyffrin
>|>Lines: 53
>|>
>|>
>|>EMC Test & Design magazine just ran a re-print of an
>|>1994 IEEE Spectrum article on portable electronic
>|>devices in aircraft. The article was titled "Faults &
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>|>The article detailed several cases of suspected
>|>interference from carry-on electronic devices. One case
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>|>Martens in the Netherlands. The crew noticed gross
>|>errors on both of the aircraft Omega sets. What saved
>|>the day was a weak VHF VOR signal from Bermuda that the crew
>|>was able to navigate with. Subsequent investigation
>|>revealed that a passenger had been watching a potable
>|>TV.
>|>
>|>Another incident ended in the arrest of a laptop user.
>|>On a flight from La Guardia to O'hare, the captain
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>|>sic) during takeoff. When the flight crew checked the
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>|>same navigational problem recurred, the flight
>|>attendant discovered that the same man had again turned
>|>on his laptop. On arrival, as the plane was descending
>|>after a long delay amid severe weather, the VOR's again
>|>had problems. Once more the passenger had turned his

>|>computer on. He refused repeatedly to turn it off until
>|>the captain finally took it away, and had the passenger
>|>arrested for disorderly conduct when the aircraft
>|>landed.
>|>
>|>The article goes on to say that on of the most
>|>frustrating aspects of this problem is its
>|>nonrepeatability. There are only a few cases where a
>|>portable electronic device can be directly tied to an
>|>abnormal indication in the cockpit. The RTCA (Radio
>|>Technical Commission for Aeronautics) has been asked to
>|>look into this problem. A report by the RTCA in 1988
>|>recommended banning the use of all electronic devices
>|>below 3000 meters and banning the use entirely of such
>|>intentional radiators as cellular phones and remote
>|>control devices. This recommendation was never acted on
>|>by the FAA, or FCC. Recently, though, these precautions
>|>have been voluntarily adopted by the airlines. The RTCA
>|>will be looking at the proliferation of electronic
>|>devices that have come into existence in the last 10
>|>years. The report should be due out this summer.
>|>
>|>-Peter

This is from InfoWorld:

InfoWorld, March 21, 1994 (page 39)

Help Desk / Brett Glass

"There is no law against using a notebook PC on an airplane"

Q: On a recent airplane flight, I found myself unable to complete an important spreadsheet because the flight attendant said that using my computer was against the law. What law is this, and when did it take effect?
Hal Levy

A: Airline restrictions on laptop computers have existed for about a year, after sketchy, unverified reports that one or two aircraft had experienced odd navigation problems. Unwilling to recognize much more likely causes - such as inadequate maintenance or cockpit error some airlines targeted a convenient scapegoat: personal computers. I had firsthand experience with this situation last week, when my Continental flight was delayed for a half-hour at the gate. Horrified crew members saw me using my laptop and insisted that I turn it off during the wait, claiming that it was against a recently passed law to use it. They made the same request a full 20 minutes before landing. As a result, I lost more than an hour of valuable work time.

Once safely on the ground, I called the Federal Aviation Administration to ask for copies of the relevant laws and regulations. According to an FAA representative, the panicky crews on both our flights were incorrect; no new law has been passed banning the use of computers on airplanes. 'Me regulation that does apply, Federal Aviation Regulations Section 19.21, says only that the operator of an airplane can, at his or her discretion, ban some devices if he or she "determines" that they will interfere with the plane's electronics. This vague rule does not mention how such a "determination" should be made, so some carriers - with no scientific evidence to back them up - have tried to use it as justification for arbitrary bans on laptops. Worse still, the airlines' rules are often over-zealously enforced. The technophobic crew on my flight, for example, went far beyond the airline's printed policy, which restricts laptops only during takeoff and landing.

To be fair, a few devices - such as two-way radios - might create enough radio noise to be a problem. But in banning laptop computers, airlines ignore the fact that another government agency the Federal Communications Commission - requires that laptops pass stringent emissions tests before they may be sold in the United States. They also ignore the emissions-reducing effects of modern battery-saving circuitry and the powerful shielding provided by the airplane's metal skin. FAA representatives say that no incidents of interference from laptops have ever been verified. And two highly knowledgeable technical groups, the Radio Technical Committee for Aeronautics and the Electronic Industries Association, have dismissed bans on laptops as unnecessary.

Some industry watchers, such as syndicated consumer columnist Peter S. Greenberg, see the restrictions as paving the way for a future in which airlines force passengers to use only airline-provided entertainment and computing devices - and turn a hefty profit by doing so. Whether or not this theory is correct, we as consumers have the power to bring the airlines to their senses. Because the regulations give carriers wide discretion to set policies, we can keep Luddites (and, possibly, profiteers) at bay by voting with our wallets. If an airline insists on blaming mishaps on business travelers' vital tools, it's probably time to find another airline.

Brett Glass' Help Desk answers business computing questions. Readers can leave queries by calling (800) 227-8365, Ext. 702, or by messaging CompuServe (72267,3673).

[end of included article]
--

Dave Bushong, Wang Laboratories, Inc.

2168. Re: Need MO. Freqs

Newsgroup: rec.radio.scanner
Date: 1994-03-30 19:01:03 UTC
From: wbloss@delphi.com
Message-ID: <xA7uJPP.wbloss@delphi.com>
Source record: 275975

Bill Spikes <spikes@sc.hp.com> writes:

>I'm looking for interesting freqs for the Kansas City, Springfield, and
>Branson, Missouri areas.

Hi Bill,
You may get some responses with the normal/common type
frequencies...I'll give you them if you want.
BUT here's the BASS PRO SHOP frequencies you'll not find
in too many directories, they are from the 1991 FCC 'fiche,
and are not verified: Bass Pro @ Ozark, Mo: 461.575, 463.6
Bass Pro @ Springfld: 463.8875, 464.6
If you have Compu$erve access, I have uploaded a file
called KCFRQ.TXT in the scanner section. If you don't, let
me know, and I'll try to get it to you.
General Mo Freq's: Mo Hiway Patrol: 42.06, 42.12, 42.22, 42.32, 42.38
Common Sheriff Freq: 155.73
Mo "Point to Point (Intersystem): 155.37
and of course Mutual aid 155.475, but the other 2 are more active.
The KCFRQ.txt file has about 900 listings so I'll not
post it here!

73,

Wally Bloss
WB0BAV
A Human

2169. Re: Pro-43.... Is it still the best portable to purchase?

Newsgroup: rec.radio.scanner
Date: 1994-03-30 19:31:36 UTC
From: carmean@coyote.rain.org
Message-ID: <2nck2o$k3v@coyote.rain.org>
Source record: 275984

Grady Ward (grady@netcom.com) wrote:

> Personally, I think the best portable scanner is a transceiver.

> The W2A covers 108-136 AM, 136-180 NBFM, 420-470 NBFM, 800-950 NBFM.

> With a keyboard press you can restore cellular, you can modify the
> unit for extended transmit on VHF/UHF, it can limit scan, lock out
> birdies, write 60 memories with step, tone, offset etc.

> [...] I like to [take?] mine on the
> water (can transmit on 156.8, the marine emergency channel) and into
> the national forest so I can hit the National Forest repeaters if
> an emergency.

What about the IC-2SRA...is there a keyboard sequence that will open up the TX side? Also, I wish they'd have provided a stereo earphone jack, with each receiver having its own channel. It'd make it a lot easier to listen to both.

Even in my small-city area (Santa Barbara, CA) with the stock antenna I find the scanner selectivity marginal...I have to lock out the ambulance dispatch freq (472.975) due to overload from a pager system. But it has *continuous* coverage from 25-950MHz, AM, FM, WFM (I can't remember if it came that way or I had to trick it).

--
David L. Carmean
Santa Barbara, CA USA
carmean@rain.org
WB6YZM |Frank Zappa LIVES!

2170. Re: ETOH in parmedic slang

Newsgroup: rec.radio.scanner
Date: 1994-03-30 19:36:20 UTC
From: carmean@coyote.rain.org
Message-ID: <2nckbk$kbe@coyote.rain.org>
Source record: 275985

James Shryne (dhz@crl.com) wrote:
> dolsen2@vaxa.hofstra.edu wrote:
> >ETOH is used to refer to a "possible" drunk person. Even though it
> >may be blatently obvious that a person is drunk, legally a paramedic
> >cannot claim that the patient is drunk, he has no proof.

> >Out here in Suffolk County, New York, we use ALOOB (Alcohol Like Odor On
> >Breath). Each juristiction has it's own terminology.

> >Anyone have any others they've heard??

> The local pd here (Whittier, CA) uses "doubel f"

In Santa Barbara, CA, the PD uses "code 40." Fire and EMS do use ETOH.
If the subject/pt. is intoxicated by drugs other than alcohol, "UI"
(under influence) is used.

--
David L. Carmean
Santa Barbara, CA USA
carmean@rain.org
WB6YZM |Frank Zappa LIVES!

2171. *** Any Mods for UNIDEN BC-350A ??? ***

Newsgroup: rec.radio.scanner
Date: 1994-03-30 19:44:54 UTC
From: dgordon@sadira.gb.nrao.edu
Message-ID: <CnHtIv.FAM@news.cv.nrao.edu>
Source record: 275974

Keywords:

Are there any mods and or shortcuts for the Uniden Bearcat
model 350A? Would like to know either way. REply to the
following:

dgordon@nrao.edu or kb4lci@amsat.org

Thanks

David - KB4LCI

2172. Re: Spying equipment

Newsgroup: rec.radio.scanner
Date: 1994-03-30 20:38:48 UTC
From: cntrspy@netcom.com
Message-ID: <cntrspyCnHw0o.KK6@netcom.com>
Source record: 276003

I thought Canada was real restrictive on all that stuff. Here in the
U.S. it's illegal, but sold as kits through the mail to anyone.

//////////////////////

Roger A. Blais (SF00@music.mus.polymtl.ca) wrote:
: Does anyone know of a store in the Montreal area that sells
: spying equipment (the kind used by investigators for example)?

: Thanks for any help.

--

--

Chris Hall
Operations Director
Executive Protection Associates, Inc.

1 Computer Nerd + 1 Computer = 3.5 Middle Managers
>>> Source: Harvard Business Review.....math for the 90's

Opinions Expressed are those of the author and NOT those of EPAI.

PGP Key available... If you ask nicely...

2173. Re: alt.radio.scanner

Newsgroup: rec.radio.scanner
Date: 1994-03-30 20:43:53 UTC
From: dkrowlan@vela.acs.oakland.edu
Message-ID: <2ncoa9$4r7@oak.oakland.edu>
Source record: 275976

In article <2mreou$er5@bigfoot.wustl.edu> jlw3@cec3.wustl.edu (Jesse L Wei) writes:
>Well, alt.radio.scanner was officially deleted from wash. u.'s active list.
>I hope all posters crosspost here. in r.r.s
>
>--jesse

Sigh...we just lost it (Oakland U.) since the last time I checked the
news... :\

(Somewhere, 1000's of 'lost' newsgroups are piling up, along with
mismatched socks....)
--
/\
< dkrowlan@vela.acs.oakland.edu "whaaaaaa...?" >
< (Disclaimer: 100% of the above = lies my employer makes me tell) >
\/

2174. Re: Pro-43.... Is it still the best portable to purchase?

Newsgroup: rec.radio.scanner
Date: 1994-03-30 21:03:20 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Mar30.210320.21795@rsg1.er.usgs.gov>
Source record: 276005

In article <2nck2o$k3v@coyote.rain.org>, carmean@coyote.rain.org (David Carmean) writes:
|>
|> What about the IC-2SRA...is there a keyboard sequence that will open up
|> the TX side? Also, I wish they'd have provided a stereo earphone jack,
|> with each receiver having its own channel. It'd make it a lot easier to
|> listen to both.

No - to open up the transmit side of the 2SRA you need to do some hardware
mods...

|>
|> Even in my small-city area (Santa Barbara, CA) with the stock antenna I
|> find the scanner selectivity marginal...I have to lock out the ambulance
|> dispatch freq (472.975) due to overload from a pager system. But it has
|> *continuous* coverage from 25-950MHz, AM, FM, WFM (I can't remember if it
|> came that way or I had to trick it).

The 2SRA comes that way. There is a key sequence to allow you
to tune 130-174 on the 2M side. It will actually display 100-500 but won't
receive anything outside 130-174 or so. And - before some newbie suggests
that such a keyboard mod will open it up to intermod - it only allows the
CPU to program those frequencies. The RF sections are already as intermod
prone as they will get...

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

2175. Pro-43 Mods /again

Newsgroup: rec.radio.scanner
Date: 1994-03-30 21:16:13 UTC
From: jimz@infinet.com
Message-ID: <2ncq6t$hqn@rigel.infinet.com>
Source record: 276012

I know several people have requested this in the past few weeks, but I'm going to do it again.

I've got a Pro-43 with the 800 mHz restore already performed. I know there is a mod to diminish the 'beep', and I know there are several other mods for various filters and s-meters. But are there any other *cool* mods to be done? Like increasing the scan speed, or adding more banks of memory? I was afraid that these questions were answered in e-mail, and I never saw the answers.

Thanks!

Oh yeah, the 55-88 restore is also complete on mine.

2176. Re: Duke University Freq.

Newsgroup: rec.radio.scanner
Date: 1994-03-30 21:25:27 UTC
From: joe henderson <joe.henderson@bnr.com>
Message-ID: <CnHy6J.83A@nrtpa22.bnr.ca>
Source record: 276010

Here is my list, although pretty pitiful. I have listened to the
celebrations after the previous NCAA championships, and it is very
entertaining. The public safety officers can't control the students, and
they are only trying to minimize the damage. I even heard one officer
call
for help when the students were burning the aluminum benches from the
tennis
courts in massive bonfires ! Check it out when Duke wins it all again!

450.9250 DUKE SPORTS NETWORK ?
453.3000 DURHAM POLICE CHANNEL 1
453.5000 DURHAM CITY/COUNTY INFO CH
453.7000 DURHAM/ORANGE/C.H. COMMON
464.9000 DUKE U. CAMPUS POLICE

2177. Re: Cell carrier signal filter

Newsgroup: rec.radio.scanner
Date: 1994-03-30 22:36:50 UTC
From: linnig@m2000.dseg.ti.com
Message-ID: <LINNIG.94Mar30163650@m2000.dseg.ti.com>
Source record: 275978
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <H.eg.Ek0ZI3YAM5I@yonder.equinox.gen.nz> craig@yonder.equinox.gen.nz (Craig Shore) writes:

> Xref: ra.csc.ti.com rec.radio.scanner:5357 alt.radio.scanner:11281
> Path: ra.csc.ti.com!cauldron!csc.ti.com!cs.utexas.edu!convex!news.utdallas.edu!wupost!waikato!canterbury.ac.nz!equinox.gen.nz!equinox!yonder.equinox.gen.nz!craig
> From: craig@yonder.equinox.gen.nz (Craig Shore)
>
> I asked a friend about a filter tonight, and here's what he came up with. I
> haven't tried it myself, use at your own risk! :-)

What is the frequency of the Cell Carrier Audio tone?

I found some sample IC's that TI makes that have an built in low pass filter and amplifier. The filter in my sample is 5 kHz. I think they (we) make them in in 3,5,7 kHz versions. The other nice thing is that they have a power down feature that might make a battery powered filter practical for earphone listening. A some-day-project for me.

If someone is interested, I can go find them in my shack and give out the part number.

NO, I don't work for that part of TI. However, if you want some to buy a HARM Anti-Radar missile I could tell you who to call (grin).

-- Mike, N5QAW

- - - - - - - - - - - - - - - - - - - + - - - - - - - - - - - - - - - - - - +
Mike Linnig, Texas Instruments Inc. | 97.43% of all statistics are made |
Phone: (214) 575-3597 | up; most of them (83.6 percent) |
Internet: mike.linnig@dseg.ti.com | are wrong. |
- -

2178. Re: Pro-43 Mods /again

Newsgroup: rec.radio.scanner
Date: 1994-03-30 22:49:11 UTC
From: jbush@advtech.uswest.com
Message-ID: <2ncvl7$8qv@cherokee.advtech.uswest.com>
Source record: 275979

In article <2ncq6t$hqn@rigel.infinet.com> jimz@infinet.com (James M. Ziogas) writes:
>
>I've got a Pro-43 with the 800 mHz restore already performed. I know
>there is a mod to diminish the 'beep', and I know there are several other
>mods for various filters and s-meters. But are there any other *cool*
>mods to be done? Like increasing the scan speed, or adding more banks of
>memory? I was afraid that these questions were answered in e-mail, and I
>never saw the answers.
>
>Thanks!
>
>Oh yeah, the 55-88 restore is also complete on mine.
>
>

I pulled this of the ftp site oak.oakland.edu.
I've left the Cellular stuf in for the record in case some
one wants is......Joe

This file is meant to replace the old PRO-43 mod file. 1/26/94

From: armille@afterlife.ncsc.mil (A. Ray Miller)
Summary: cellular (870-890 MHz) and low band (51-88 MHz) restoration for PRO-43

A few people have mentioned the cellular mod for the PRO-43; it turns out
you should not remove but MOVE the diode. Doing so allows cellular coverage as
well as low band (up to 88 MHz) coverage.

Acknowledgments to Grove Enterprises; this information came from them.
They are selling the PRO-43 for $300 which is $50 less than Radio Shack.
I have no connection with them other than as a satisfied customer.

PRO-43
Cellular Frequency Restoration and Low Band Expansion

Note: It is not lawful to monitor cellular or conventional mobile telephone
conversations.

The following procedure requires familiarity with microcircuit soldering and
will violate your warranty. Grove Enterprises assumes no liability resulting
from its attempt, nor will accept the modified scanner for return under any
condition.

TOOLS NEEDED: Fine point, low power soldering pencil; solder wick or a
desoldering tool; pointed awl, hemostats or pointed tweezers; small Philips
screwdriver; solder.

1) Remove the battery, antenna and back cover (held in place by four screws).

2) Remove the six screws holding the top circuit board in place. Carefully unsolder the two antenna connections from the board. Bend the antenna ground tab fully up from the board. Carefully lift the board, unplugging the black connector at its base, and lay the board out of the way on its bundle of colored wires.

3) Remove the two screws from the next board and lift it, carefully unplugging the white connector at the bottom of the board. Lift it up and lay it aside on its brown wire (which can be unplugged if necessary).

4) Unsolder and remove the metal shield from the final board, revealing the microprocessor; note the row of diodes labeled D1-D5 above it. Only diodes D1, D2, and D4 are present; assisted by a pointed tool, unsolder and remove D4, the lone diode (this restores cellular frequencies which will be searched in 30 kHz steps).

5) Resolder the removed diode carefully into position D3 to extend low band coverage to 88 MHz.

6) Reassemble the boards, paying particular attention to the alignment of the plugs. Test the radio by entering any frequency between 870 and 890 MHz (cellular) and 51-88 MHz (low band).
--

A. Ray Miller
arm@super.org | armille@afterlife.ncsc.mil

==========

From: ross@novax.llnl.gov
Date: 19 Aug 92 16:51:08 GMT

Here is my keypad beep delete mod for the RPO-43:

1. Remove battery.
2. Remove back cover (4 screws).
3. Remove top board (6 screws, desolder two antenna connections and bend antenna ground lead up out of the way). Be careful of black connector at bottom of board. Flip board over and lay aside (wire connectors need not be disconnected).
4. Remove middle board (remove 2 screws and wire connector). Be careful of two multi-pin connectors along underside of board. Set middle board aside.
5. Locate 10 pin connector on side of bottom board (labeled CN3). Note that one end of connector has pin 10 labeled as such. Count back to pin 6 and bend pin 6 ninety degrees towards the large RF shield. Make sure the bent pin clears the RF shield.
6. Reassemble and your done OR do the cell mod since you are so close.

Have fun. Gary Ross >usual disclaimer>

Subject: Improved audio for the PRO-43 portable scanner
From: parnass@cbnewse.cb.att.com (Bob Parnass, AJ9S)
Date: Wed, 2 Dec 1992 01:15:35 GMT

IMPROVED AUDIO FOR THE PRO-43 SCANNER

by Bob Parnass, AJ9S

The Radio Shack PRO-43 scanner audio is too bassy.1 The lack of treble makes it difficult to hear the PRO-43 in noisy situations, especially while listening in a car or truck. Louis Shirley sent me a schematic and suggested I remove C341, a tiny 0.015 ufd surface mount capacitor.

I'm glad to report that removing C341 made a great improvement. The audio is now much "crisper," more like the Uniden 200xlt, although still not quite as loud. Turning the volume control up still overloads the PRO-43's small, internal speaker, but there's less need to do that once C341 is removed.

The PRO-43 contains 3 printed circuit boards, and the middle (second) board contains the audio circuitry. Finding C341 is difficult, as it is neither marked with a value nor a component designation. It is located on the foil side of the middle board, under IC304, an LM386 amplifier IC. C341 is in parallel with, and physically next to, R350 (33,000 ohm). R350 is slightly larger than C341 and is marked 333. Both R350 and C341 are connected between pin 2 of the LM386 and ground.

A Note About 50-88 MHz Reception

Now that I have a schematic, I see that the European version of the PRO-43 has different coils and capacitors in the low (mid) band front end filter. That explains why the 75 MHz sensitivity isn't stellar after adding diode D3 to enable 30-88 MHz coverage.

---

1. See "PRO-43 Product Review," by Bob Parnass, AJ9S, in the November 1992 RCMA Journal.

--
Bob Parnass, AJ9S - AT&T Bell Labs - parnass@ihlpm.att.com - (708)979-5414

Subject: S-Meter for PRO-43
From: schuster@panix.com (Michael Schuster)

Found this on the Fidonet scanner echo:

=====begin quoted text=================

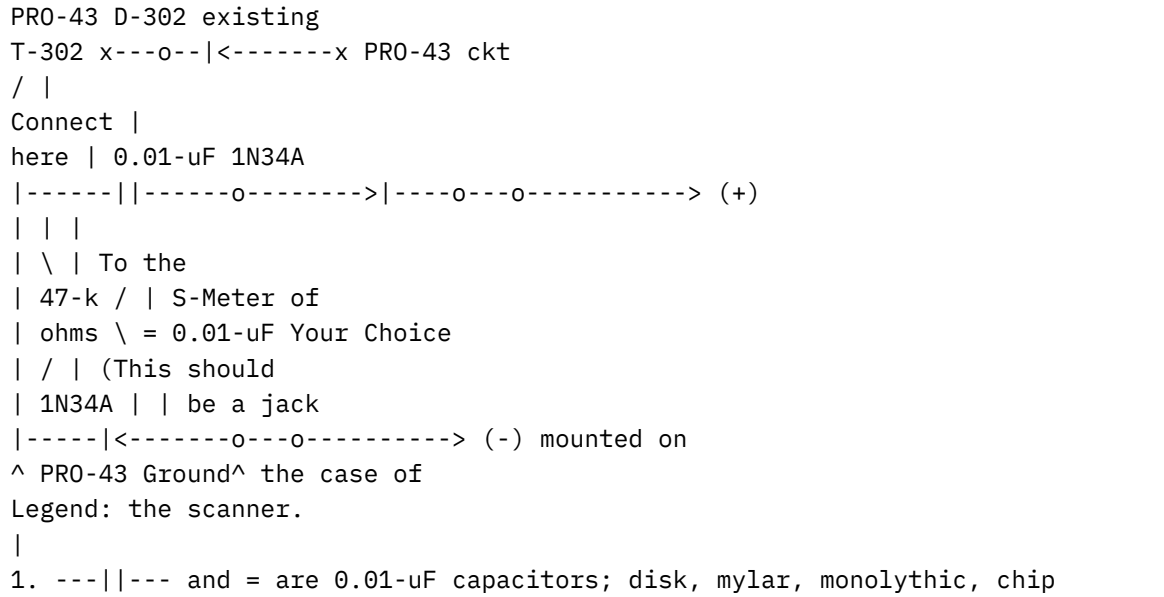
Date: 02-06-93 00:24
From: Bill Cheek
To: All
Subject: PRO-43 S-Meter!

Greetings Scanner Fans!

It had to happen! The fundamentals for an S-Meter exist alive and well in the PRO-43! Only a simple circuit and your choice of meter, analog or LED, is required for a jim-dandy S-Meter function!

The key point in the circuit is the cathode of D-302 located on the bottom (solder side) of the AF Board (middle board). You will need the Service Manual for the PRO-43 to find it as it's not marked and it would take me 10,000 words to guide you to exactly where it is located. Call Tandy National Parts at (800) 442-2425 to order your manual: approx $10. Now here is the deal:

Locate D-302 and either build the following circuit right there on the back of the AF board in the vicinity of D-302, or solder a wire to the cathode of D-302 and route it to somewhere else more convenient to feed the below circuit. This wire ought not to be very long, though, say not more than a couple of inches. Refer to the ASCII schematic diagram as follows:



5. -------- and | are wires/conductors.
|
|

6. x is existing PRO-43 circuitry

If you use an analog meter, preferably a real S-Meter like salvaged from an old junked CB rig, then rig it as follows to connect to the circuit above:

```
5-k Trim Pot
(+) --------/\/\/\/\---o--------|
| | |
This should |-------| |
be a plug of +
some sort to The S-Meter
connect to the Terminals
mating jack on -
the scanner |
|
(-)----------------------------|
```

You can also build the 10-segment LED S-Meter as shown in Volume 2 of my SCANNER MODIFICATION HANDBOOK, available from leading mail order radio dealers everywhere. ISBN 0-939780-14-3 published by CRB Research Books, Inc. Commack, NY.

After connected and working, locate the PRO-43 very near a known strong transmitter, perhaps a ham transmitter, a police cruiser, your favorite security guard's handheld or right next to a cordless telephone, or anything else known to transmit a strong signal. Tune the scanner to the frequency, and adjust the 5-k trim pot above so the meter reads exactly full scale. All other signals will read proportionally lower to yield "relative signal strength" measurements! A hell of a circuit here, boys & girls! Have fun!

Developed & distributed by: Bill Cheek
COMMtronics Engineering
PO Box 262478
San Diego, CA 92196-2478

Ok to distribute, but credit appreciated. Thanks!

Bill Cheek

--- GEcho 1.00/beta+
* Origin: Hertzian Intercept, San Diego (6pm-1pm) 619-578-9247 (1:202/731.1)

======end quoted text====================

--
_____Mike Schuster_____
NY Pub. Access UNIX/Internet: schuster@panix.com | 70346.1745@CompuServe.COM
The Portal (R) System: schuster@shell.portal.com | MCI Mail,GEnie: MSCHUSTER

==========
<Standard Disclaimers apply>

Compiled for garfield.catt.ncsu, world.std.com and other FTP servers by:

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

2179. Re: Best way to have hrs of recording time?

Newsgroup: rec.radio.scanner
Date: 1994-03-30 23:13:38 UTC
From: brinskel@emr1.emr.ca
Message-ID: <1994Mar30.231338.894@emr1.emr.ca>
Source record: 275980

These are all very good suggestions, but what if you have
one channel (let's say a cordless phone that is very close)
(maybe even within the same house)
and I want to scan all the channels in that bank without
having to continually hit the scan button to go over that
channel if nothing is being transmitted.

I'm not saying that I listen to cordless channels, this
is just a hypothetical question! Listening and recording cordless
channels is illegal, and I never do that.

Probably the only way, is to not receive that channel.

--
~~~~~~
I'm going cyber! brinskel@emr.ca, ac254@freenet.carleton.ca
~~~~~~

2180. Re: Adding low frequency element to RS discone

Newsgroup: rec.radio.scanner
Date: 1994-03-30 23:34:37 UTC
From: rmonaco@delphi.com
Message-ID: <5wzOB9N.rmonaco@delphi.com>
Source record: 275981

<scott@redstorm.nawc-ad-indy.navy.mil> writes:

>I just had an idea that I'd like some feedback on. I own a RS discone which
>does not have the vertical element to help in the low frequency range.
>I have seen ads in MT for a 46 MHz full wave or half wave dipole wire and
>thought that I could string my own wire from the bolt on the top of the discone
>where the vertical element would be attached.

I added an FM mast to the bolt on top of my RS dipole, and it made a BIG
difference in the 30-50 mhz range. The bolt unfortunately was one size smaller
than the bottom thread on the mast, but a little wrapped solder made it snug.
BTW, is there such a thing as an adapter ring to connect them without the
solder wrap that anyone knows of?

2181. Re: Scanner frequencies in Toronto, or Windsor?

Newsgroup: rec.radio.scanner
Date: 1994-03-30 23:58:06 UTC
From: rmonaco@delphi.com
Message-ID: <5S1tp-O.rmonaco@delphi.com>
Source record: 275982

Mason Chris L <mason4@server.uwindsor.ca> writes:

>Does anyone have a list of frequencies in Toronto or Windsor? Any info
>would be appreciated. thanks.

Quite a large range of frequencies in toronto and Windsor! If you can be a little more specific, I can help out. The best advice I can give is to go out and pick up a copy of the Haruteq Scanner Book by Bart Veerman. It's a VERY comprehensive listing of fr
equencies for the whole province, listed by city AND by frequency. You should find it at a local Radio Shack, or they can likely direct you to a copy elsewhere.

2182. Re: Alinco 580

Newsgroup: rec.radio.scanner
Date: 1994-03-30 23:58:50 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2nd3nq$k7j@bigfoot.wustl.edu>
Source record: 275983

Tom Bodoh (bodoh@dgg.cr.usgs.gov) wrote:
: In article <CnE0xo.7xH@microsoft.com>, stevenj@microsoft.com (Steven Johnson) writes:
: |> I was out hiking the other day and came across someone with an
: |> Alinco 580. It looked like about the size of a PRO-43 but
: |> could do all sorts of cool things like tie into the cellular
: |> phone network (not just to listen -- to make calls!) I'm wondering:
: |> - exactly what is this thing
: |> - how much are they
: |> - where do I get one

: The Alinco DJ-580T is a dual band (2M/440) handheld tranceiver (HT) with
: wideband receive and transmit capabilities. As shipped, it will receive

. . .

: do. You must have an amateur license of technician or higher to transmit
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

I think this is very important and not to be buried in all the information
about the DJ580. Not that your information isn't important (God Forbid!!!)
but Steven obviously doesn't (didn't) know that it was a ham transciever.

--jesse

2183. Inexpensive DTMF Decoder

Newsgroup: rec.radio.scanner
Date: 1994-03-31 02:02:09 UTC
From: dayglo@mindvox.phantom.com
Message-ID: <au51Jc1w165w@mindvox.phantom.com>
Source record: 276022

Does anyone know where I can purchace an inexpensive (~$50 or less) DTMF Decoder? Does anyone have one that they want to sell?

Thanx

2184. Re: Pro43 vs 2500xlt???

Newsgroup: rec.radio.scanner
Date: 1994-03-31 02:02:58 UTC
From: clinehe@cherokee3.rtsg.mot.com
Message-ID: <2ndb0i$ggo@delphinium.cig.mot.com>
Source record: 275986

I'm very happy my Pro-43 but I too have found it to receive extraneous signals in highly active RF environments, like along the Expressway's of Chicago. In my case listening to a particular Chicago PD freq around 470 MHz was replaced with what sounded like cellular phone traffic. Is it an image response problem? But generally I have few problems.

Harry

2185. modify 34 and now I can't get 30-50.

Newsgroup: rec.radio.scanner
Date: 1994-03-31 03:08:31 UTC
From: lse@cw-u03.umd.umich.edu
Message-ID: <2nderf$fmb@lastactionhero.rs.itd.umich.edu>
Source record: 275987

I did the modification to my pro 34 and now I don't have 30-50 coverage?
can anyone help me thanks...

2186. This Week on Spectrum 04/02/94

Newsgroup: rec.radio.scanner
Date: 1994-03-31 03:42:41 UTC
From: spectrum@starcomm.overleaf.com
Message-ID: <2ndgrh$49i@starcomm.overleaf.com>
Source record: 275988
Cross-posted to:
rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.scanner,rec.video.satellite,rec.radio.cb,alt.radio.scanner,alt.radio.pirate

This week on Spectrum we will feature those Mexican boarder blaster radio stations. Our guest is Mike Venditti. Mike was one of the guiding forces behind station XERF and has a unique perspective on the south of the boarder radio scene.

Next week Spectrum will feature a look at TV/FM dxing with Joe Eisenberg. Joe is an expert at chasing the troppo and E skip. He will be bringing his bag of classic airchecks with him. Don't forget to tune in on April 9'th.

Saturday April 16'th Spectrum will look at the world of weather satellite monitoring and weather fax.

We will do our listener appreciation day on April 23'rd with answers to your paper mail, e-mail and phone calls.

Don't forget April 30'th Spectrum will be broadcasting live from the Dayton hamfest. Larry Steal and I will be on the scene giving you the total Dayton report.
--
Spectrum airs live Sunday at 0300 UTC (2200 EST Saturday) on:

WWCR, 5810 KHz, Nashville, TN (World Wide)
WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
KHNC, 1360 AM, Denver, CO (Denver Area)
Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)

Spectrum is rebroadcast:

Sunday at 1500 EST, on WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
Monday at 0400 UTC (2300 EST Sunday),
on WWCR, 7435 KHz, Nashville, TN (World Wide)

--
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Box 722, Holmdel, NJ, 07733-0722, USA
spectrum@overleaf.com, askspectrum@attmail.com, spectrumshow@genie.geis.com
+1 800-787-SPECTRUM, +1 908-671-4209

2187. Welcome to rec.radio.info!

Newsgroup: rec.radio.scanner
Date: 1994-03-31 04:00:13 UTC
From: rec-radio-info@ve6mgs.ampr.ab.ca
Message-ID: <rec.radio.info-welcome_765086411@ve6mgs.ampr.org>
Source record: 275989
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.info,news.answers,rec.answers

Archive-name: radio/rec-radio-info/welcome
Last-modified: $Date: 1994/01/02 22:00 $
Version: $Revision: 1.06 $

*** Welcome to rec.radio.info! ***

Welcome to rec.radio.info, a group that aims to provide a noise-free source
of information and news for the entire rec.radio hierarchy.

Two introductory articles about rec.radio.info are posted to the group and
to news.answers every two weeks. You are now reading the first article, which
explains what rec.radio.info is, and answers some Frequently Asked Questions.
The second article is titled "Submission Guidelines", and you only need to
read it if you want to submit an article to rec.radio.info.

You can skip to the next section of this article by searching for the next
" -- " string. The sections available are:
- What is the purpose of rec.radio.info?
- Why are messages almost always cross posted to rec.radio.info?
- What is a 'follow-up', and what does 'moderated' mean?
- OK, so now I know what 'moderated' means. Tell me more.
- What type of material is considered inappropriate?
- I do not have access to news, how can I get the information posted to
rec.radio.info?
- Will the material appearing in rec.radio.info be archived somewhere?
- I have a regular posting with timely information, is there a way to
speed up it's delivery, or automate for more convenience?

-- What is the purpose of rec.radio.info?

The purpose or charter of rec.radio.info is to provide the Usenet community with
a resource for information, news, and facts about any and all things radio.

All the other rec.radio groups are intended for discussions and general chit
chat about radio. Rec.radio.info will contain informational, factual articles
only. Follow-ups are redirected to an appropriate other group, and further
discussion (if any) will not take place in rec.radio.info.

In order to ensure that rec.radio.info contains only appropriate articles, it
was decided to create the group as a moderated newsgroup.

-- Why are messages almost always cross posted to rec.radio.info?

It provides a "tag" for each article to be assembled into a filtered
presentation in rec.radio.info (even with cross-posting, only one message, with

a unique Message-ID, is propogated across the net). This tag also facilitates a pre-existing method of dropping or cancelling the articles locally within the discussion groups if you don't want to see them. This accommodates individuals who want to separate the bulletins from the discussions, discussions from the bulletins, as well as those who are adamant about not reading another newsgroup and wanted to see everything all in one basket.

With the total size of Usenet (in number of newsgroups and total traffic) doubling every year or so, this is no insignificant contribution to reducing information noise and chaos. Making the discussion groups a catch-all, and making extra newsgroups filters on that catch-all, is also the most realistic way to implement such a scheme (It's not intuitively obvious what the charter, contents, and general appropriate topics for each and every newsgroup are. Seeing FAQ's and charter/intro postings in the home newsgroup is beneficial for new readers).

By cross-posting one only is adding a few tens of bytes to each bulletin (to specify the extra group on the Newsgroups line), but are adding the capability for very powerful filtering features available on most news servers, listservers and readers. Your local news guru could probably explain these features in more detail.

In rn, for example, according to Leanne Phillips in her rn kill-file FAQ, add a line of the form:
/Newsgroups:.*[,]rec\.radio\.info/h:j
either in ~/News/KILL (if you don't want to see rec.radio.info articles anywhere) or ~/News/rec/radio/amateur/misc/KILL (if you don't want to see them just in rec.radio.amateur.misc). The latter method means your kill file will only be consulted during rec.radio.amateur.misc (and hence runs more efficiently), and will probably work for most people.

In nn, according to Bill Wohler in his nn FAQ, add a line of the form:
rec.radio.info:!s/:^
in ~/.nn/kill (if you don't want to see rec.radio.info articles anywhere), or put the following lines:
sequence
rec.radio.info
rec.radio.
at the end of ~/.nn/init in order to see all the rec.radio.info bulletins first, then read the remaining rec.radio.* without the bulletins.

-- What is a 'follow-up', and what does 'moderated' mean?

If you are new to Usenet and are not familiar with the terminology, you might want to read the general introductory articles found in the newsgroup news.announce.newusers. Doing so will make your life on the net much easier, and will probably save you from making silly beginner's mistakes.

If you think that at this moment you are reading an echo, a conference, or a bulletin board, I'd also strongly suggest a trip over to news.announce.newusers.

For the rest of this article, I will assume you have a basic knowledge of Usenet terminology and mechanics.

A moderated group means that any article that needs to be posted to the group has to be accepted by the moderator of the group. Since we need to ensure that followups to an article (discussion) do not show up in the rec.radio.info newsgroup, the `Followup-To:' header line contains a newsgroup that is appropriate for disussions about the specific article.

-- OK, so now I know what 'moderated' means. Tell me more.

Rec.radio.info is a moderated newsgroup, which means that all articles submitted to the group will have to be approved by the moderator first.

The current moderator of the group is Mark Salyzyn. Submissions to rec.radio.info can be posted, or e-mailed to:

rec-radio-info@ve6mgs.ampr.ab.ca

Comments, criticisms, suggestions or questions about the group can be e-mailed to:
rec-radio-request@ve6mgs.ampr.ab.ca

But before you do so, please be sure to check out the "Submission Guidelines" article.

The influence of the moderator should be minimal and of an administrative nature, consisting chiefly of weeding out obviously inappropriate articles, while making sure correct headers etc. are used for the appropriate ones.

-- What type of material is considered inappropriate?

There are three broad categories of articles which will be rejected by the moderator:

1) Requests for information: rec.radio.info is strictly a one-way street. I receive information in my mailbox; I then post it to rec.radio.info. Requests for specific information belong in the normal discussion newsgroups. If your request gets answered, you might consider passing the answer on to rec.radio.info, though. Especially if you can edit it into a informational, rather than a discussion, format.

2) Obvious discussion articles, or articles that appear unsubstantiated.

3) Commercial stuff: a relatively unbiased test of a radio product would be accepted, but any hint of for-profit might be reason for rejection. For three reasons: This is not the purpose of the list, for-profit is a controversial topic, and this list may be passed onto Amateur Packet Radio (where for-profit is prohibited except under certain provisos).

rec.radio.swap (or possibly comp.newprod) may be more deserving of the posting in any matter.

Similarly, copyrighted material generally cannot be used. If it's TRULY worthwhile to the net, I would recommend obtaining permission from the copyright holder. Please note the source, and if permission was given. I

reserve the right to make the final decision concerning appropriateness in all situations. In most cases, a brief summary of, or pointer to, the copyrighted information may be all I can allow.

-- I do not have access to news, how can I get the information posted to rec.radio.info?

brian@UCSD.EDU (Brian Kantor) has kindly supplied a mail list server for rec.radio.info. Non of the articles will be digested, due to their size, so you will receive individual mailings for every article posted to the group.

Mail sent to radio-info@ucsd.edu will be forwarded to the moderator and thus is an alias to rec-radio-info@ve6mgs.ampr.ab.ca

To subscribe and unsubscribe via the listserver; the format for that is

sub address radio-info
unsub address radio-info

where 'address' is your full mailing address. Send this request to

listserv@ucsd.edu

Note that the server will automatically delete any address that bounces mail. If you leave the address portion blank, it will try to deduce your address from the mail headers. This may not work if you are on bitnet, milnet or some other non-Unix host, so it is recommended to put your return address in any case. For example:

sub mymailbox@myhost.mydomain.mil radio-info
or
sub MEMEME01@DMBHST.bitnet radio-info

or something like that.

-- Will the material appearing in rec.radio.info be archived somewhere?

Yes. Still firming up details at the moment but here is a preliminary list:
- unbc.edu as maintained by Lyndon Nerenberg <lyndon@unbc.edu>
- nic.funet.fi maintained by Risto Kotalampi <rko@cs.tut.fi>
saved to /pub/dx/text/rec.radio.info currently stored as numbered files.

Effectively this means that anything you post to rec.radio.info will be permanently stored, so your work will not be lost.

-- I have a regular posting with timely information, is there a way to speed up it's delivery, or automate for more convenience?

Yes, there is! It may take a bit of chatter with the moderator, but we are willing to take responsible people and provide them the means of posting the articles directly from their site. We will try everything we can as we fully realize that DX (distant signal) and astronomical data can be somewhat transitory. We are also willing to allow regular posters of information the same courtesy, even if the information is not as time critical.

We refer to this as self-moderation, which is partly based on the model for news.answer. This requires co-operation and good will to be beneficial to the community in the rec.radio hierarchy.

I suggest reading the posting guidelines for more information. I am open to suggestions.

I thank the following individuals for their input into this article:
rec.music.info moderator Leo Breebaart rec-music-info@cp.tn.tudelft.nl
rec.radio.broadcasting moderator Bill Pfeiffer wdp@gagme.chi.il.us
Paul W. Schleck, KD3FU pschleck@unomaha.edu
Ian Kluft, KD6EUI ikluft@uts.amdahl.com

--
Mark Salyzyn -- Moderator rec.radio.info
Submissions to: rec-radio-info@ve6mgs.ampr.ab.ca
Administrivia to: rec-radio-request@ve6mgs.ampr.ab.ca
* Requests for information do *not* belong in rec.radio.info *

2188. Re: Railroad scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-31 04:01:19 UTC
From: <>
Message-ID: <CnIGI8.BzE@walter.bellcore.com>
Source record: 275990

>> Any Railroad scanning buffs out there?

This month's Monitoring Times magazine (April) has
a 4 page cover story on railroad monitoring.

Chase

Chase Cotton cotton@thumper.bellcore.com

2189. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-31 04:59:12 UTC
From: <>
Message-ID: <CnIJ6p.DvC@walter.bellcore.com>
Source record: 275991
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Heck of a deal. Now my FM signal generator can go back to
being a test instrument and I can stop worrying about the FCC. :^)

A Startek ATH-30 counter can't lock the transmitter frequency
(but then again, it's pretty deaf) and I don't have the right
module for the power meter, but comparing the Silent Play's
signal strength to my signal generator feeding a 40" whip are
about the same when the generator is at about -20dBm. Very
crude measurement yes, but the Silent Play tx is much stronger
than I would have imagined with all the "legal FM is a nanowatt"
talk around the net.

The stereo transmitter, a fair or better FM radio, ear buds,
and two adaptors (1/8" male <stereo> to RCA, 1/8" male stereo
to 1/8" male stereo) for $20 and change.

Now I can stop looking at those hanging packs of Ramsey FM
transmitter (kits!) every time I go to a ham fest.

As for stereo separation, I'm sitting here listening to the
BBC in one ear and the local fire freqs in my other ear. Sounds
fine. Looks like a custom three position head-phone switch
box is in order (e.g. left & right normal, all left, all right).

Now to dig up a 3 volt wall wart which is even "close" to 3 V
at low loads.

Thanks Jim (Jim Kearman), 'ya did good!

Chase

Chase Cotton cotton@thumper.bellcore.com

2190. Re: CSUS freuquencies

Newsgroup: rec.radio.scanner
Date: 1994-03-31 05:04:53 UTC
From: rhousley@netcom.com
Message-ID: <rhousleyCnIJG6.4u9@netcom.com>
Source record: 275992

Charles E Newman (newman@netcom.com) wrote:

: Does anyone have the frequencies for Cal State Univ., Sacramento.
: I am speecifically looking for:

: CSUS Hornet Express Shuttle
: Campus Police
: Building Maintencence Services
: Parking Enforcement

Here are the FREQs I have for CSUS:

151.655 Plant
155.505 General
153.740 Police
155.655 Parking?

Hope this helps. :-) Rick

--
rhousley@netcom.com

"He who knows eternity is called enlightened.
He who does not know eternity is running blindly
into miseries." Lao Tzu

2191. Re: ETOH in parmedic slang

Newsgroup: rec.radio.scanner
Date: 1994-03-31 05:17:50 UTC
From: dhz@crl.com
Message-ID: <2ndmdu$29k@crl.crl.com>
Source record: 275993

David Carmean (carmean@coyote.rain.org) wrote:

>In Santa Barbara, CA, the PD uses "code 40." Fire and EMS do use ETOH.
>If the subject/pt. is intoxicated by drugs other than alcohol, "UI"
>(under influence) is used.

some other so. cal. pd's use HBD "has been drinking"

>--
>David L. Carmean
>Santa Barbara, CA USA
>carmean@rain.org
>WB6YZM |Frank Zappa LIVES!

Frank Zappa is not dead he just smells funny.

Those who don't understand the above line forget it. The rest will
understand.
--
JIM SHRYNE |\\ || //==\\ ===\\ || || ====//
ARS N6DHZ ||\\ || || || || ||=|| //
COMPUSERVE 70621,247 || \\|| ||==\\ || || || || //
E-MAIL dhz@crl.com || \\| \\==|| ===// || || //====

2192. Tape Recorder

Newsgroup: rec.radio.scanner
Date: 1994-03-31 06:13:47 UTC
From: danbury@BIX.com
Message-ID: <danbury.765094427@BIX.com>
Source record: 275994

There is a device which plugs into the earphone jack of
a scanner. The other end of the device has two plugs,
one for the microphone of a cassette recorder, the other
for the on/off control of the the cassette recorder.

The result is that when you come home, you can play the tape
and get the recorded transmissions without the long
pauses and silent spots between them.

Anybody know where I can get such a thing ?

2193. Re: Tape Recorder

Newsgroup: rec.radio.scanner
Date: 1994-03-31 08:00:19 UTC
From: orion@crl.com
Message-ID: <2ndvuj$ktr@crl.crl.com>
Source record: 275995

I always had this idea: take a cheap sony Voice Activated (VOX) tape recorder, just set the delay to low, take a normal audio cable 3/8-3/8, plug it from the speaker of the scanner to the mic of the micro, and voila! A voice activated tape recorder that records all your favorite police or whoever! Just a thought...

danbury on BIX (danbury@BIX.com) wrote:

: There is a device which plugs into the earphone jack of
: a scanner. The other end of the device has two plugs,
: one for the microphone of a cassette recorder, the other
: for the on/off control of the the cassette recorder.

: The result is that when you come home, you can play the tape
: and get the recorded transmissions without the long
: pauses and silent spots between them.

: Anybody know where I can get such a thing ?

2194. Re: Inexpensive DTMF Decoder

Newsgroup: rec.radio.scanner
Date: 1994-03-31 08:00:49 UTC
From: orion@crl.com
Message-ID: <2ndvvh$l40@crl.crl.com>
Source record: 275996

I'd be interested, too...
dayglo (dayglo@mindvox.phantom.com) wrote:

: Does anyone know where I can purchace an inexpensive (~$50 or less) DTMF
: Decoder? Does anyone have one that they want to sell?

: Thanx

2195. Unlocking

Newsgroup: rec.radio.scanner
Date: 1994-03-31 08:04:13 UTC
From: orion@crl.com
Message-ID: <2ne05t$l7g@crl.crl.com>
Source record: 275997
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I was wondering if anyone knew if it is illegal to post up a list of unlocking codes, and if not, are there any for the PRO-44 or PRO-41 or HTX-404 that anyone knows of? Just wondering...

2196. Re: Inexpensive DTMF Decoder

Newsgroup: rec.radio.scanner
Date: 1994-03-31 10:54:12 UTC
From: nelsonf@netcom.com
Message-ID: <nelsonfCnIzMC.so@netcom.com>
Source record: 275998

dayglo (dayglo@mindvox.phantom.com) wrote:

> Does anyone know where I can purchace an inexpensive (~$50 or less) DTMF
> Decoder? Does anyone have one that they want to sell?

If you have a USR Courier modem then you have one already! I don't know
if all USR modems have that built-in but mine does. All I do is:

ATH1
AT%T

And any tones I play into the phone/modem get displayed on-screen. I can
even get the ABCD tones and #,*.

--

Nelson Fernandez nelsonf@netcom.com

2197. Pro-46 Mods??

Newsgroup: rec.radio.scanner
Date: 1994-03-31 11:23:33 UTC
From: dmacfarlane@zip.sbi.com
Message-ID: <9403311123.AA33069@davidmac.riposte>
Source record: 275999

Where can I get info on cellular mods for the Pro-46?
Thanks.

2198. Re: Scanner Antennas

Newsgroup: rec.radio.scanner
Date: 1994-03-31 11:24:01 UTC
From: henryb1275@aol.com
Message-ID: <2nebsh$fq5@search01.news.aol.com>
Source record: 276000

In article <CKEItt.B3z@umassd.edu>, rflood@cis.umassd.edu (Richard M. Flood) writes:

Can a pre-cable tv antenna be used for a PRO-43 antenna?

Sure, but its probably horizontally polarized. You may want to remount it vertically and add a TV balun so you can use coax cable, then point it towards the area which contains the signals you most wish to hear. Some TV antennas make great scanner antennas. Take all the usual power and lightning precautions, however.

2199. SW Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-03-31 12:54:09 UTC
From: jlloyd@pluto.cs.clemson.edu
Message-ID: <2neh5h$7vh@hubcap.clemson.edu>
Source record: 276001
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

---

Below is a collection of SW receiver reviews written by readers of Rec.radio.shortwave. The number following the brand and model number is the number of readers, who indicated they use this type of receiver.

All credit for these reviews should be given to the readers of this group and not me.

John Lloyd

Sony 2010 - 3

I found it VERY easy to plug in and start listening. The supplied instructions are adequate for what they do, but
are not really enough to really start enjoying the radio. The whip antenna works great at home, but just doesn't cut it at work (way too much metal/interference). Even the supplied wire antenna does not seem to help at work (I have not yet tried it at home (no real need).

****
Realistic DX-342 - 1

I've owned this little radio for about a year
now and am really pretty happy with it.

Advantages: Size - Measuring approximately
4 3/4 x 2 5/8 x 1, you can take this little
mini anywhere! Even slip it into your shirt
pocket!
SW bands - Covers 9 SW bands: 49m, 41m, 31m,
25m, 21m, 19m and 16m.
MW, FM, FM Stereo (thru headphones)
Travel Power lock
Push button control
Runs on two AA batteries or AC adapter
Travel pouch
Carrying strap

Disadvantages: It's an analog unit, guys and gals,
no digital display.
No back stand
Antenna does not rotate up

I've had a lot of fun with this little receiver. The
SW sensitivity is quite good for my area of the
country, Cleveland, Ohio. The speaker has a nice sound
and improves thru the earphones. FM stereo thru
headphones is great! MW DXing is surprisingly
good! I can grab signals from Boston, Chicago,
New York and Cincinnati much better than on my
Magnavox AE 3625 Digital!

Summary: A nice little travel radio that's fun
to fiddle with or take for travel when you're in
a pinch. Radio Shack has discontinued this model
so you might be able to find it on sale for around
$50.00. I love the size! Ideal for travel! I'm
beginning to think that anything larger is too
cumbersome. I do miss the Digital Display and all the
features that go with it: Freq. display, Alarms,
world time display, etc. If I were buying today, though,
I'd consider what else is out there for just a bit more
money. For example, the new Sangean 606 is only
slightly larger and has all the digital features mentioned above that I miss. I
've seen it priced for as little as
$179.95!

****
Realistic DX-375 - 1

It costs $99.99 though I got it for $89 since I had a coupon for a
rebate. For the price I think I got a good deal. It has digital tuning
and direct input of frequencies which allows tuning to be a pretty
simple job and not a time consuming act of patience. It uses two C type
batteries... I use rechargable ones and they last a pretty long time..

It is not small enough to carry in your shirt pocket but it could fit in
the front or side pocket of an average sized backpack. It is just great
when you are walking back home from school/work ... it can be easily
carried in one hand as you catch up on the news from
BBC/Deutschewelle/Radio Australia/etc.... as you walk home..
I get decent reception of all the `big stations' even indoors and have, on
occasion also been able to tune to Radio UAE....

The sleep function is perfect for someone like me who likes to fall asleep
with music... the FM sound is pretty good in stereo (headphones)... The
AM reception is also fairly good but it has a very high tendency to catch
those Bible bashing stations...probably a reflection of the region where
I live...

The strap is a little shoddy and I have a feeling I may have to `fix it'
soon... I expect it to pop out any moment....
Despite that, I like it...

****
Realistic DX-380 -2

I've owned a DX-380 for about 9 months now and....
It's a GREAT RADIO! However, I should qualify
this. I bought it on sale from Radio Shack for the
bargain price of $129.95! It regularly retails for
$179.95. At $130.00, this radio is a real steal!

About the size of a large paperback book, the 380
is feature packed!

*DUAL CLOCKS
*ALARM WITH RADIO/BUZZER
*60 MINUTE SLEEP TIMER
*DUAL BANDWIDTHS
*DIRECT FREQ. ENTRY TUNING
*TUNING KNOB
*SLEW TUNING
*TUNES IN 1 OR 5 KHZ STEPS
*CLOCK DISPLAYED SEPARATELY
*BACKSTAND
*STEREO THRU HEADPHONES
*CONTINUOUS SW COVERAGE...NO GAPS!
*AUTO SCAN UP OR DOWN
*ANTENNA ROTATES AND SWIVELS
*CARRYING CASE

The sensitivity of this radio is GREAT! With a reel antenna, it's even
better! I read another review that said reception was lousy....I think
that individual should check his particular receiver as he might have
the rare defective unit. MW reception is also outstanding and with a
Slect-A-Tenna is greatly improved! Herein Cleveland, I pick up
Chicago, Cincinnati, and Pittsburgh during the day WITHOUT the
select-a-tenna! With the S-A-T reception gets an added boost!
(these are all 50,000 watt stations)

I have found it to be about the perfect travel size. I would like
something smaller, like the 606. This size, however is fine. I've
carried hardbound books on jets that are larger. The many features
makes up for it's slightly larger size over a mini. It does not have
SSB, but I really don't miss it.

All in all, A great radio priced at $130.00! I would not have bought
it for the price of $179.95. There are other radios in that price
range that ive ya more bang for the buck. At $130.00, it's a great
deal! If you can get it at that price, snap it up!

I am by no means an expert, but I have a DX-380 and can give some
of my experiences. First of all, I would pay the extra to get the
390 to get the single side band capability. I miss it. I miss
it. Also, the sensitivity for foreign broadcasts (I'm in DC)
without an external antenna is poor. You get the BBC and some
German broadcast relays from Canada transmitters, some south
american stuff, and that's it. BUT with a 50 m Cu wire out my
2nd story window attached to the antenna with an alligator clip,

I regularly get Abu Dhabi and Australia at night.

****
Realistic DX-390 - 2

Great mid-sized digital portable. Good sensitivity and selectivity. Digital display shows time, frequency, signal strength, and memory location. Covers LW (in 9 kHz steps), MW (in 9 or 10 kHz steps) and SW continuously from 150 kHz to 30000 kHz. FM reception (88-108 MHz) with stereo through headphone jack. BFO control for SSB reception. Built-in timer/clock, 9 programmable memory locations per band, except 18 on SW. Good audio output. RF Gain and AM bandwidth controls. Keypad frequency entry. External antenna, AC-adapter inputs.

A great radio for the beginner or as an upgrade from a smaller and/or analog unit.

Purchased from Radio Shack for $219 in January, 1992.

I have a new Realistic DX-390 (alias Sangean 813??). Seems to be a great value for the price $169 US. I haven't yet heard from someone who can recommend a radio for the same price that is better, and can back it up with facts.

****
Grundig Satellit 700 - 3

Truly a world-class portable, digital receiver. Excellent sensitivity and selectivity. Digital display with two separate clock/timers, signal strength meter, band selection, frequency readout, and user-definable eight-character "name" for each memorized station. Has RDS circuitry on FM to decode the newly-phased-in system for identifying stations by call letters, format, etc. 512 memory positions, upgradable to 2048. Tunes in .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. Receives USB and LSB. Synchonous detector helps pick difficult-to-receive stations out of the crowd. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz). Excellent audio output, with separate treble and bass controls. Stereo through headphones or external speakers. Line-level out (left and right), external antenna, and 12 VDC-in jacks. Local/DX switch. Built extremely rugged. Multi-national power supply included.

An outstanding performer, and worth the price to a serious SWL or DX'er who requires portability.

Purchased from Universal Radio for $479 in April, 1993.

The Following is a comparison of the SONY ICF-SW77 and the GRUNDIG SATELLIT 700:

Both of the receivers you are looking at are pretty solid. The Sony is slightly smaller and has a somewhat more "finished" feel about it. The Grundig is SOLID with a much better sound. Neither is as good a SW signal receiver as the previous Sony, the '2010 (2001). However, they both have very advanced features; multiple (and in the Grundigs case, expandable) memories with alphanumeric tags so that you have a name as well as a frequency, all sorts of memory grouping and scanning etc. The Grundig has good RDS ident. on it's FM band, but I have a feeling that this isn't used much, if at all, in the US. If you intend to buy second-hand, be very wary of the SW77 - the early version was pretty flakey. The later version is better but still not as good as the '2010.
I think that the choice comes down to "feel". They are both quite complex to use, but both work as advertised. Try 'em both as they have quite distinct operational methods. If sheer performance on SW is the main point for you, compare them with the Sony ICF2010. You'll buy it and save some loot !
For what it's worth, I tried them both and settled on the Grundig. I have my Satellit 700 in daily use and it's performed without a hitch.

My reasons for the choice were:

1. Performance. The Grudig was much better than the early SW77.
2. Sound. I happen to prefer the slightly bassy Grundig sound to the somewhat sharper Sony.
3. Power. The Grundig takes D cells and can self-charge Nicads in the set, which is how I have it set up. (The SW77 used C cells) They both run down batteries fast. The Sony worse than the Grundig due to it's smaller cells.
4. RDS. I love it and the SW77 doesn't have it.
5. Feel. I like the, I don't know, Germanic solidity and sheer heft of the Satellit. A Satellit with a full load of 4AH Nicads can tip the scales at twice the weight of a SW77. Of course, if drop one on your foot the Sony would be the better bet ! I only use the Grudig about the house. I have a '2010 for the road.

I hope this splurge hasn't clouded the issue for you.

Editor's Note:
I have one of these radios and love it! I sent the following message to someone just after I bought it.

I just recently forked out $500 and bought a Grundig Satalit 700. The sound from the radio is truely impressive! I have always wondered why broadcasters put music on shortwave, because it alway sounded like garbage. However with the 700 I can listen and enjoy the music. The 700 has Bass and Treble controls, which

improve the sound quality but the Automatic Gain Control most likely does the most toward improving the sound (I'm not an expert, so this is just a guess!). Anyway my Wife regularly listens to music coming from a 60m band radio station in Guatemala, and can enjoy the sound. However there are some bad points. It is programable, but I have not worked out how to do it yet. Well I tried once and gave up. This is not too bad though, because BBC, Deutche Welle, and about 10 others are stored in a ROM table. And these frequences actual work (i.e. they are the frequencies for North America and NOT Germany).
Also I connected a long wire antenna and found my local AM station on shortwave. I guess the front-end is not good enough to sort the signals out when coming from a large antenna. But don't worry about this either.
If you only want to listen to the biggies like BBC, Deutche Welle, you won't need an external antenna. I am planning to put a Pre-selector between The Radio and the Antenna, and I think this will cure the problem of AM stations on shortwave and cut out some interference. Finally I recommend this radio to you. I'm sure you will have hours if enjoyment from it.

****
Grundig Satellit 500 - 2

Formerly Grundig's flagship portable SW receiver, this is still an excellent piece of equipment. Excellent sensitivity and selectivity. Digital display with two separate clocks (only one displayed at a time), signal strength meter, frequency readout, and four-character user-definable "name" for each memorized station. 42 memory positions. Tunes to .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. In addition to AM, has three receiving "modes" for LW, MW, and SW: USB, LSB, and "Sync," which should more accurately be described as "fine tuning," as this implementation of synchronous detection operates differently from the Satellit 700 or Sony 2010. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz).
Excellent audio output, with separate treble and bass controls. Stereo through headphones. Line-level out (mono), external antenna, and 12 VDC-in jacks. Local/DX switch.
Built extremely rugged. Power supply included.

An all-around great performer. Now that it's discontinued, many outlets are selling this unit at close-out prices, making this radio an excellent value for the money.

Purchased from Universal Radio for $379 in December, 1992.

I have a Grundig Satellit 500 and am basically satisfied with it. I miss the 512 memories of 700 and 'SSB clarify' control sometimes.

Yes, its 'sync' is exactly fine tuning in 100 Hz steps. However, it is rather simple to make it work similarly to '700 and '2010, because the detector chip is the same in all three. Only a switch with two pairs of contacts is needed. Another design fault, the excessive distortion in SSB mode, can be partly cured by adding two resistors. For serious DX-ers it may be important that the internal ferrite rod cannot be disabled on MW and LW in both 500 and 700, so the in-house noise may become a problem on these bands.

****
Lowe HF-150 - 1

The Lowe HF-150 (sold by Universal and EEB) is a nice compromise. Similar number of cubic inches as the Sony (different shape), but offering some features of the R8. Also the Lowe is made with a mostly solid alumnum case, which is better than the Sony or the Drake. The Lowe has dual antenna inputs (wire or SO-239), record out, audio out, 12vDC in. It can run off any 12V DC battery. I use 7 aH gelcells which I recharge. The Lowe also takes 8 internal AA nicads *OR* disposable batteries. It will recharge the nicads with a builtin recharger if you plug it into an external power supply. It's a nice semi-portable radio. It has a few ideosyncracies, but you might want to look at it.

****
Lowe HF-225 - 2

I've had an HF-225 for a few years now, and I'm pretty happy with it. I use it mainly for broadcast listening. It's connected to 25m of random wire via a 5m coax run inside the house.

I tried using an ATU to improve the matching between the aerial and the coax, and on some frequencies it gave a (small) improvement in signal strength, but it was such a pain to keep retuning that I gave up using it.

I recently bought a "magnetic longwire balun", and this seems to offer the best of both worlds - improved matching between the wire and the coax, but no retuning necessary. It's rather expensive, though, and it may be that I'd have been just as well off with a home brew transformer on a ferrite ring...

The other potential advantage of an ATU, filtering out of strong signals well away from where you're listening, seems to be completely irrelevant on the HF-225. I've never yet found a case where switching in the attenuator did anything beneficial. The receiver's front end seems to be excellent in this respect.

I've got the sychronous detector option, and I wouldn't be
without it. It quite often makes a heavily fading signal quite
pleasant to listen to. Pity it doesn't have a selectable
sideband option, though - I quite often find myself tuning an AM
signal in the LSB or USB modes to try to get rid of an adjacent
interfering signal.

Would I buy it again? Yes, unless I decided that I really wanted
a receiver which offered a computer interface.

****
Sony SW-1 - 2

I bought an SW1E over a year ago, for listening to broadcast SW
and FM at home and while travelling. I like this very small radio
a lot. It is maybe expensive for a portable, but the build
quality is very good, - everything looks and feels right.
Battery life is good, and the set DOES work with NiCads (2*AA)
contrary to the instructions. Reception of broadcast SW is good,
either with the whip or clothes-line antenna. I've never noticed
any big problems from adjacent channels either. As a bonus, FM
stereo reception is good through headphones. Audio quality from
the in-built speaker is fair, but you'll want to use phones for
noisy environments. The only bug with this radio is the memory
capacity - only 10 mems is really not enough to cover ALL of AM
and FM.
Summary - if you want a very small portable, and appreciate high
quality (and can afford it), I would recommend the SW1E. Note the
E, which denotes the SW1 kit without the active antenna and brief
case - these add a lot to the price, and I don't rate the antenna
too highly either.

****
Sony SW-15 - 1

I bought one of these puppies on impulse the other day (at my age you
should give in to the occasional impulse, just so they keep coming).
Cost $85; you could probably do better by shopping the discounters.

Specs:

Dual Conversion Receiver, 6 1/2 x 4 x 1 1/2 inches, 3 AA or 4.5v DC.

Nine Bands:

FM: 76-108 Mhz, 10.7 Mhz IF.

SW: 5.775 -6.425; 6.875-7.525; 9.375-10.025; 11.6.5-12.265; 15.00-15.65
17.50-18.15; 21.325-21.975. 1st IF 10.7 Mhz; 2nd IF 455 Khz.

MW: 530 - 1710 Khz; 455 Khz IF.

Analog Tuning dial, volume control, music/news tone switch, 7 position
SW band selector. FM/MW/SW select buttons double as "on" switches.
"Off" button. "Hold" button to disable "on" (prevents accidental

turnons) Slide rule, multicolumn frequency display. Hand strap, foldout stand to hold at angle on table, soft carrying case. Basic shortwave guide. Telescoping antenna. FM/MW/SW "on" and tuning LEDs. Mono earphone jack.

Subjective Review:

I'm pretty impressed. Sensitivity is up there with the Pomtrex [:-)] without the "splatter" of strong stations. Analog tuning dial requires a delicate touch but for me that's part of the fun. Drift seems nonexistent; you get a station and it keeps it without a lot of vernier twiddling. MW performance was surprisingly good, as was FM. I'd recommend it as a starter radio.

****
Sony ICF-5100 - 1

I bought this radio in Kuala Lumpur in 1988, and I'm not sure if it goes by the same model number in other parts of the world. It is a shirt pocket analog tuned radio with coverage from 6MZ to about 21MZ in seven bands. The radio is very rugged and has served me well despite of the physical abuse it has gone through. Because of its small size the speaker is only small and the sound from it it a little tinny, but I used it mainly to receive news in countries without English language news services and in remote areas while camping etc. I recommend this radio to anyone, who considers size the most important factor. Cost was about US$70.

****
Sony ICF-7601 - 2

In some respects this is my favorite radio. No bells no whistles no FM stereo -- just a good solid (feels like a small brick) analogue unit. It covers AM, FM and has 10 SW bands that cover most of the "out of band" frequencies. Band switching on SW is done by a slide on the front of the radio while buttons are used to switch from AM to FM to SW. The dial is accurate to 5 kHz so is very easy to locate a station. I believe that it was simply the best low cost analogue rig out there. It's still around and can be had for well under $100.00. Grab it!!

I have a 7601 also. Most of its weight is from the batteries and the speaker, giving it better tone and volume than smaller, lighter sets.

As with other cheap analog sets, it wasn't very hot out of the box.

If you "super tweek" the 7601, it's pretty good on AM, but no match for a 2010 or Superradio III. Most of the shortwave bands peaked up well, but I never could get 19 meters working right. As with most analog portables, the whip is part of the RF tuned circuit, so one must be careful to duplicate the exact listening

conditions when tweeking the radio. Even the presence of
headphones will shift the antenna tuning.

Unfortunately the 7601 picks up FM stations at various places on
the shortwave bands. If you're far enough away from FM and TV
stations you might have room for an R-390.

When going on trips I usually take my SW-1 because of the
convenience of the presets and the reception flexibility provided
by the active antenna that comes with it.

****
Sony ICF-SW33 - 1

I've owned this radio (SW33) for about 9 months and use it as my
"carrying around the house rig." It was purchased to replace a
Sony 7601 that now resides on my desk at college (things
electronic can grow legs on a college campus). By far the best
features of this unit are its convenient size and excellent
performance on all bands, AM, SW and FM stereo. Don't get me
wrong -- this is not a DX machine on SW but for listening to the
major broadcasters, it's excellent.

The single filter selection seems just about right and tuning on SW
is in 1 kHz intervals. This at least gives you a "fighting chance" to
move away from interference. That's a major improvement over the
5 kHz that many radios in this price range allow. In addition, the
dual conversion design on SW keeps image interference at bay - a
major plus for a small portable.

The radio does not have a keypad so entering frequencies is a bit
clumsy. However, by entering the middle frequency of each of the
major SW bands in the 7 memories (5 memories plus 2 timer
memories) and slewing up or down from those positions you can
get around reasonability fast. The SW bands are changed by a
combination of 2 keystrokes.

The sleep control (shuts the radio off after 1 hour) can let you be
lulled to sleep and the timer alarm can make sure that you get to
work on time (radio shuts down after 2 hours if it is turned on by the
timer). Setting the radio alarm is very easy - once you have set the
clock, but that frankly, is a pain. The clock function, which works
very well (combination world/home time), takes at least 7 distinct
steps to set it. Fortunately the clock is fairly accurate (looses about
0.2 sec/day) so you don't have to reset it very often. The lighted
dial (stays on for 20 sec at the touch of a button) is a nice touch.

Battery life is excellent contrary to the 1994 Passport to World
Band Radio (see below). The radio has a battery "gauge" that is
activated at the touch of a button radio and shows in the display
as a battery icon with 3, 2, 1 or 0 dots inside of the battery outline.
It disappears after about 5 seconds. As soon as the number of
dots reaches 0, the radio shuts off immediately. I ran a a series of

tests with Radio Shacks Super Alkaline batteries and got the
following results: 3 dots showed for 37 hours, then 2 dots showed
for an additional 11 hours, and finally 1 dot showed for 3.0 hours
for a total of 51 hours. (Radio ran 1.5 to 2.5 hours/day with the
volume control set at 1/2 volume most of the time). At $2.89 (plus
5% for tax) for a package of four AA batteries (the radio takes 3),
that figures out to 4.5 cents/hour which is excellent. This figure differs
greatly from that given in the 1994 Passport (25-30 cents/hour). I have
no explaination for the difference but I stand by my test values.

Would I recommend this radio to anyone? If you do a lot of band-
scanning, forget it; it will drive you crazy. But at about $140.00 plus
shipping (NYC mail-order) it's an excellent "second" radio to carry
around for listening to the major broadcasters. I like it!

****
Realistic DX-440 - 2

I have a DX-440 and I think it is a good 'dabble' radio but if I
ever get serious I will look for a > $500 table model.

I love this radio! It's my main radio and I use it
exclusively at home, moving it from room to room. It really is
too large for travel

I've found the sensitivity to be tremendous on SW, MW
and FM! Very rarely do I need to attach a clothsline
antenna! It has continuous SW coverage, a great sounding
speaker, BASS and Treble controls, two bandwidths, great
sensitivity, good spurious signal rejection...It has
all the features I wanted in a starter radio! I bought
it about three years ago on sale for $150.00! I still
don't know why Radio Shack discontinued it. If you're
looking for a good starter shortwave radio and can still
find one laying about at a Radio Shack store priced to move,
GRAB IT!

****
DAK DMR-3000 - 1

I bought this radio since they have a 30-day money back guarantee
and I did not know if I would like the hobby or the radio. Good
points: direct-entry tuning, 36 station memories, fairly small so
it is easy to travel with, speaker sound was good, reception was
okay, but improved dramatically with the addition of the Radio
Shack 23' rollup longwire ($8.95). Bad points: only 5kHz tuning
steps, only major broadcast bands tunable (large gaps between
bands), selectivity not so good, no fine tuning, no BFO, no SSB
or CW, poor FM reception. All in all, not a bad radio of $69.90,
however, it left me wanting for more, so I got rid of it.

I have seen a couple of posts asking for a low cost SW receivers.
I have recently bought a DAK Model DMR-3000, for just

$69.90+$6.00 shipping from DAK - a mail order company.
The receiver has a direct access, so you can type in the desired frequency, and a manual / automatic scanning system. It also has a dual time clock with alarm and 'sleep' timer. Unfortunately you can tune only to the commercial frequencies on SW, AM and FM bands. I have to say though that cheapness comes at a price. The first receiver I got was defective so I had to ship it back and ask for a replacement. Now, I received a new one which works very well.

Compared to my Sony ICF-7601 the DAK unit is an insensitive brick. The fancy clock and timer features aren't really worth it. About the only thing nice is the FM Stereo support if you plug in headphones but the FM sensitivity leaves much to be desired as well.
Something else to watch for.... That pretty lettering on the buttons will wear off REAL fast. If you haven't used it much yet you won't see a wear off REAL fast. If you haven't used it much yet you won't see a problem. After you've done some tuning you'll see the pretty arrows disappear from the buttons.

****
Sangean ATS-803A - 1

Since I was now turned on by SWL'ing, I moved up to what most people agree is the best all-around radio for this price. Good points: excellent frequency band coverage (150kHz to 30mHz), fine tuning, good selectivity, BFO for SSB and CW, many scanning options, lots of accessories included, good AM and FM reception. Bad points: way too big to travel with, high battery consumption, synthesizer noise in background all the time, scanning frequently skipped lots of "listenable" stations that I was able to get by manual tuning (what's the use in scanning, then?). I found that adding a longwire antenna only increased interference and noise while not improving the set's scanning sensitivity. Overall, a fairly good radio for the price...

I have a Sangean ATS803A which I love. Comments to quote me on would be that it's an excellent beginner's radio for the price. Although I've heard that the 818 is the "latest and greatest" in this price/performance category. I especially love the full coverage 150kc-30mhz and the (albeit lo tech bfo) SSB capability.

****
Sony ICF-SW20 - 1

I was in dispair when I could not find a decent travel portable for under $200. However, I accidentally crossed paths with a Sony ICF-SW20 on sale (normally $99, on sale for $49.99) at a local store and had to check it out. It is an analogue set, but since I got a 30-day return policy on it, what the heck? Good

points: analogue tuning so no problem with confining 5kHz tuning steps, INCREDIBLE SENSITIVITY - this radio blew the DAK and Sangean away with the number of stations I picked up, good selectivity (no fine tuning knob - all you need to do is turn the tuning knob slowly), tiny size (4"w x 3"t x 1"d), small whip antenna (only 18"), addition of Radio Shack rollup longwire increased sensitivity even more, great low price (if I lose it or its gets destroyed, no problem replacing it), tuning bands are wider than the major broadcast bands, so you do get some utilitiy reception as well as WWV, AM and FM are really sensitive while FM goes from 76mHz to 108mHz so I can pick up some TV as well. Bad points: frequencies cover only seven broadcast bands (I can live with that, though), only monaural earphone included (however, you can get a $1.39 mono to stereo headphone plug), no BFO for SSB or CW, no station memories. All in all, this radio gave me the best price/features/size ratio of the ones I checked out first-hand. It's a keeper for me!

****
Magnavox 3625 - 1

Finally received my Magnavox 3625! Well, I'm certainly happy I purchased this little radio. Sure, it's not top shelf, but it's suitable for travel purposes and gives adequate SW coverage.

Has these features:
Travel Lock
Alarm (beeps, does not turn on radio)
Sleep Timer
9/10 KHz switch - for world travel
12 hour clock (however, when unit is swith to 9 KHz steps 24 hour clock kicks in)
20 presets - 5 for each band FM, AM, SW1, SW2
Dual time
Auto store - this feature allows the radio to automatically find the five strongest stations in an area and program
them into the memory of the FM & AM band.
Back stand
Antenna swivels and rotates
Runs on four AA batteries.

Well, the sensitivity is quite good. Steps in 1 KHz increments. No tuning knob but the slew tuning buttons work just fine. It's about the size of a paperback book and can be taken anywhere reasonably well. No carrying strap,
though. The SW coverage is limited but it grabs the major broadcasters exceptionally well. Example: the 41 meter band is covered from 7100 to 7300. So if you want to listen to the BBC on 7325, you're oput of luck.

However, I like to listen to the BBC on 12095 or 15070 European signals during the day that I cangrab when I attach a long wire.

The 3625 can't tune these freqs. but it can grab 15400 (from africa) WITHOUT a long wire antenna! I'm pretty impressed.

Bottom line....A GREAT little travel radio for $70.00! Call a Magnavox outlet if you are interested.

****
Magnavox AE-3805 - 2

Great little digital portable. Good sensitivity, average selectivity. Covers MW (in 10 kHz steps only), FM (no stereo), and SW in two "bands": 3200-7300 kHz and 9500-21750 kHz. Built-in timer/clock (12 hour format only), 5 programmable memory locations per band. Great for travel use.

Purchased from Damark for $49 in May, 1993.

$50 from Damark closeout -- cheapie category

****
Emerson PSW-4010 - 1

Great analog portable. Good sensitivity and selectivity. Covers MW, FM (stereo through headphones), and SW in 8 bands (roughly split out as 13m, 16m, 19m, 25m, 31m, 41m, 49m, and 60/75/90/120m). An excellent travel portable.
This is the same radio as the Sangean SG-789.

Purchased from DAK for $49 in June, 1988.

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Sony ICF-5900W - 1

Sony ICF-5900W was a good radio in its day, but isn't worth listing now.

****
Icom IC-R70 - 1

I purchased my R70 in early 1983. It came with a scratched plastic window for the digital display, which the factory replaced. It is an extremely sensitive receiver. I installed the FM detector board option, which is highly useful for Sub-Carrier detection from FM broadcast receivers in conjuction with the R70's ability to tune below 100khz without a frequency convertor. The so-called PassBand Tuning (PBT), in actuality an asymmetrical bandwidth narrowing control, is very mediocre with the factory 455khz filters. Replacing the 455Khz ceramic SSB filter with a Fox-Tango FT-44 2.4khz 8-pole crystal filter (equivolent to the ICOM FL-44) makes the passband filter work as one would want. The AM 455Khz ceramic filter is junk, and was replaced with a higher quality "4Khz" ceramic filter from the long-defunct Radio Plus firm. The actual specs for the 4Khz filter indicate that it is a slightly asymmetrical filter of 5.6Khz bandwidth, causing a slight degredation of the "highs" (The original spec is

for a 6Khz bandwidth; the 9Mhz AM filter is a 6-pole device). Inclusion
of both replacement 455Khz filters results in a combined shape factor
of much better than 2:1 on AM or SSB. In addition, the RF amplifier
was enabled for AM broadcast band use, and an MOV was placed across
the AC input for protection against voltage transients. [Actually,
a Transorb would be far better in defending against narrow transients.]
For awhile, I replaced the diode AM detector with a Shottkey diode,
but my ears could detect no difference in distortion, and so the
original AM diode was returned to the circuitry. It's been serviced
once by ICOM for an intermittant problem ($150 ouch). There exists
several modifications to enable selection of the 455Khz SSB filter
whilst in AM mode for additional selectivity.

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YORX AM908 - 1

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Drake R8 - 1

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Drake SPR-4 - 1

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Icom R-71A - 2

Eskab & Edvis of Sweden used to offer a Phase-Locked AM (PLAM) detector for
the R-70 and later R-71; they also offer a version for the NRD525. I have
the R71 version. It is a synchronous detector which allows selection of USB
or LSB via the IF filter/BFO offset. The PLAM board phase-locks one of the
R71 local oscillators (I forget which one, probably the BFO) to the AM
carrier. It contains its own product detector. The lock range is not very
large, perhaps +/- 20 Hz. The detector seems to have lower distortion than
the ICOM AM detector.

Compared to ECSSB, aside from the advantages of phase-locking the product
detector BFO, the PLAM unit also lowers the corner-frequency of ICOM's
low-pass audio filter, giving better bass response than normal SSB mode on
the R71. I find that this improves the intelligibility of the signal.

The PLAM board piggybacks in the mounting area for the ICOM FM option
board; both can coexist. Installation is somewhat difficult, as it involves
connecting over a dozen wires to various boards in the R71.

Eskab & Edvis also offered a 4 KHz 2nd IF crystal filter for the R71. This
installs fairly easily in place of the narrow CW filter. It is very much
better than the stock ICOM 6 kHz bandwidth, which is wide-open until it
hits at cheap ceramic filter in the 3rd (455 kHz) IF.

I don't know if Eskab & Edvis still offer the R-71 PLAM and 4 kHz filter.
They used to advertise in the WRTH.

Regarding other options: I believe Sherwood Engineering offers an outboard
synchronous detector for the R71 as well as other receivers. The Kiwa MAP

unit should also be adaptable to the R71.

Also, Dom Moman of Shortwave Horizons publishes a modification manual,
which details mods like enabling the preamp on MW, true pass-band tuning,
sub-10 Hz RIT, etc.

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Kenwood R-2000 - 1

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Kenwood R-5000 - 1

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Kenwood TS-450-1

I know it's not a reciever, but since it has general coverage,I decided to
put it in here.The TS-450S iaN amateur transciever that costs little more than
a R-5000,and if you have your ham ticket or are thinking about getting it,may
be worth checking out if you are in the market for a new toy.I'd be willing
to bet the replacement for the 5000 will look just like the 450,just like the
5000 looks like the 450's predacessor,the TS440S.First thing it is EXACTLY
the same size as the 5000/440.Unlike the 5000/440,it has an LCD display that
is unlike any other I've ever seen.It is almost too bright!The brightness
cannot be adjusted,unfortunatly.The 450 recieves in all the standard modes
except for fax.It has a"normal"keypad unlike the 5000 and the aggravating
CW that is producewhen a major button is pressed can be silenced by y
-a simple menuss,you dont have to cut a wire like the 5000he S-Meter
is a bar-graph type that I like but some people dont.It also has an Audio
meter function that kin baffles me.I still dont know what use it is,but it
looks nice!Probably the most notable thing you will observe when using the
450 is the QUIET!It is so quiet,it seems strange the first couple of times you
use it.The AGC is non-defeatable and has a fast/slow toggle.It is the strangest
and slowest AGC I've ever seen,on slow the S-Meter just sits there and then
SLOWLY goes down.On fast,it just isn't quite so slow.It seems to work ok,but is
really odd.The stock filter for AM is a mile wide but you can add the YK88 AM
filter but you wll lose the open slot for the 8.83 ssb filter.I'm not sure,but
the 450 seems to have the same stock am filter the 5000 has.On SSB,it uses one
of the better Murata ceramic filters and is ok but the optional SSB filters are
highly recommended.The audio is FANTASTIC on all modes and if you put one of
the minimus speakers from Radio Shack on it,you will like it a lot.Dont bother
with the Kenwood speakers,the one that goes with the 450 is not too good and is
expensive too!The ergonomics are pretty good,except for the tuning knob,yes
like all the recent vintage Kenwood rigs,IT DOESN'T HAVE A FINGER HOLE!!Why
does Kenwood insist on putting these awful knobs on all the rigs they have made
lately!All in all,it is a very good riever in almost all respects,and since t
it only costs about $100 more than a 5000,it is worth a lookND as a bonus,
the recieve coverage goes up to 40 mhz!If you are into low band scanning,you
will hear things on the 450 you never knew existed on your scanner.If you can
swing the 450's sister model the TS690,you can recieve all the way to 60 mhz.
When the 5000 is put out to pasture,if it's replacement is the 450 without the
transmitter,it will be very tough competition for the other makes.All it needs
is Sync.detection and you really couldn't ask for much more.

****
Japan Radio Company NRD-515

THE all time most user-friendly recieveof recent vintagHas PBT,analog fine tune,four I.F.bandwiths,AM,LSB,USB,and RTTY modes.There is no squelch but it really doesnt matter much.Of all the recievers I have owned,or ad over here to play with,it is the most sensitive in the SSB modeI have the standard 6 and 2.4 khz filters,and th600 and 300 hz filters whitch are great for RTTY or CW(if you are truly desparate!)The "protection"diodes have been removed due to intermod from a local AM station.The reciever's case,front and back panels are made of Aluminum,no plastic to crack on the 515!The audio in AM is very bad,almost as bad as the Icom R-71a,but in a different way.The audio is "fuzzy"out of the speaker jack,but not too bad out of the record jack but still a little "fuzzy".In the SSB modes,the audio is pretty clear and doesn't fatigue me like the Icom dos far as thergonomics goes,it's almost prefect!All the knobs are the right size,the tuning knob is large and has a nice deep finger hole(Kenwood,are you listening???).The S-meter is big and easily seen across the room.Dynamic range is very good after the diodes have been clipped(a one minute operation).The filters all are good quality and have good shape factors.This was the first "affordable"rig that had a memory option that was worth something with 24 or 96 channels available. The NDH-518 I have(96 ch.)is also made totally out of cast and sheet aluminum and matches the 515's styling.It stores frequency only,unfortunatly, due to the year it was designeIm guessing.There are lots of these recievers floating around on the used market for about $600 or so.Universal seems to have a lot of them passing thrgh the store.

****
Japan Radio Company NRD-525 - 1

This is a great reciever,marred only by bad audio and a hiss that will drive you bonkers if you have good hearing and a speaker that can put out the highs. I have had two of these,the first I traded for a sateite setup,and the one I have now.The newer reciever has mucbetter audio then the first one and lesess hiss too.Ergonomics are very good MUCH,MUCH better than the Drake R-8.(IMHO,the Drake is seriously overrated and all the stuff about made in the U.S.A.is kind of funny cause a LOT of the innards are MADE IN JAPAN!!!)Oh well,back to the 525,if you are into AM,it's probably not the reciever for you, but in allthe other modes,it is one of the best consumer grade recievers ever made.Performance in all modes is basically excellent except fothe audio pr problem,and stability is rock solid.JRC has only cut a few corners compared to the 515,probably the ultimate in construction for consumer recievers. The case is made of very thin sheet metal and the front panel is plastic.The keys fit loose in the keypad but work ok.The display has four brightness levels and is very easily read from across the room.The S-Meter is "digital" and is a floating vertical bar segment that seems to be yellow on some samples, and green on some others.It is sort of "spastic"and twitched a lot on the first one I had,but not as much on the seconone.The first 525 I had would "click" on strong AM signals,but the new one doesn't.The main tuning knob spins very smoothly and has a nice finger hole.(KENWOOD,WHY DONT YOU LISTEN!!) All in all, a great reciever.

****
Japan Radio Company NRD-535D - 1

****
Yaesu FRG-100 - 1

****
Panasonic RFB-65L - 2

$220 from Universal, EEB, etc. -- my main set, an excellent portable, many features, nice construction and details.

****
Sony SW-55 - 2

This is my principal radio at the present time (I also have the Sony ICF-SW33 and the Sony 7601). This rig is an extremely sophisticated piece of equipment. I especially like the fact that you can store up to 125 frequencies on 25 electronic pages that can be named as you wish (by country). Once programed this is very convenient. The two filter selections are well chosen (much better than the stock Sony 2010 filters). My use the radio to copy WEFAX with excellent results attests to its stability (and that it receives USB and LSB).

The versatile timer/alarm and tape remote feature allow automatic recording with certain tape recorders (Sony and others) of up to five times and frequencies in a 24 hour period. I use this feature all of the time. Audio (stereo on FM) qualitity for a portable is very good; better I believe than the stock 2010 although as with the 2010, it is improved with a set of external speakers.

Unlike the 2010, the SW55 does not have synchronous detection. That's too bad because I believe that if it had this feature it would blow away
tition. As it stands it is an excellent radio. Most interference can be eliminated with the narrow filter or moving away from the interference a bit (the radio is tunable in steps of 0.1 kHz) so the lack of sd is not critical. I really believe that Sony did not include it because it would have then had a very negative impact on sales of the SW77.

Would I buy this radio again. You bet! The only problem I've had in the year an
owned it is that the lettering has worn off the 1, 5, 0 and EXE keys on the keypad. That should not happen on a $300.00 radio!

I just got a SW-55 for Christmas and find it to be an outstanding radio. Now that I've said that, you should know that I am new to all of this "DX-ing" (is that how you say it?). However, I can tell you that it's reception with the built-in antenna and with the included auxiliary antenna is very good. I found that the radio comes pre-programmed with a number of stations (BBC, Radio Moscow, etc.) and they come in great.

As for your questions, I've found the speaker in the SW-55 to be very high quality, delivering plenty of volume and good sound. There are several "tone" switches (news vs. music setting, etc.) that enhance the reception and its sound. And, the unit is packaged well for travel.

The radio itself has several nice features (I don't know how they compare to other radios since I didn't comparison shop). There are several output jacks that make it easy to connect to external speakers, tape recorders, headphones, etc. There are local/long distance antenna settings. There are lots of ways to set and look at the time (local, UTC, Daylight savings, etc.) There are alarms and sleep settings (for on the road).

The tuning portion is quite nice. The radio of course offers digital tuning (punching numbers in to get to a freq.). But I find that I often use the "analog" tuning dial as well to either fine tune a station or to see what else is out there.

Best of all, the unit is packaged well. As a new user, I have enjoyed the little things Sony has done to make this experience a good one for the new user. Everything from the documentation to the carrying case has made it quick and easy for me to start listening to short wave. Included is a book that is a publishing of all the various countries broadcasting, with their freqs and times. (I gather that these things change quite a bit, but I presume that Sony updates it often)

****
Philips AE3905 - 1

In short, in my experience, the AE3905 is no real great shakes. It looks neat as hell, and marks its owner as a man of taste and distinction with more money than brains (like I said, *I* have one). Its shortwave performance is mediocre. Using this in a hotel last February, I found that attaching the included reel antenna caused the radio to overload fairly badly. The batteries don't last very long. The filters included are fair, but you still get a fair amount of interference from adjacent stations (not as bad as some small portables, but not good). I certainly wouldn't want to use this as my primary radio. For portability, it's fantastic. I can listen to the BBC or VoA anywhere. The radio fits in my shirt pocket, although reception in my pocket isn't all that good. In short, the radio isn't worth what Philips charges for it, but if you've got more money than you know what to do with and a desire to have a flashy looking toy, it'll do. The radio has only recently been available in small quantities in the U.S., and appears to have been discontinued in Europe. I got a reconditioned copy for $179 from the Magnavox factory outlet in Kentucky. Universal lists the radio in their catalog for something like $250 new if I recall correctly. You're not likely to find it anywhere else.

--
John Lloyd
Computer Science Dept.

Clemson University
Clemson, South Carolina, USA

2200. Re: modify 34 and now I can't get 30-50.

Newsgroup: rec.radio.scanner
Date: 1994-03-31 13:20:18 UTC
From: mutter@umcc.umcc.umich.edu
Message-ID: <2neimi$k38@umcc.umcc.umich.edu>
Source record: 276002

In article <2nderf$fmb@lastactionhero.rs.itd.umich.edu>,
John Minni <lse@cw-u03.umd.umich.edu> wrote:
>I did the modification to my pro 34 and now I don't have 30-50 coverage?
>can anyone help me thanks...
>

I am guessing that you removed the diode from D11 and moved it to D9.
If you want to open up the 800MHz band but keep your 30-50MHz coverage,
remove D11 and do not put anything in D9. In your case, if you did
put that diode in D9 open your radio back up and snip that D9 diode.

Hope this helps.
Mark

2201. Neat Radio Shack Gad����

Newsgroup: rec.radio.scanner
Date: 1994-03-31 13:40:00 UTC
From: derek.buchler@channel1.com
Message-ID: <40.1504.2433.0NE18A25@channel1.com>
Source record: 276004

References: <brett_miller.77.000B56B0@ccm.hf.intel.com>

BN> >Jim Kearman (KR1S) (jkearman@arrl.org) wrote: >: USA readers, rush
BN> down to Radio Shack and get yourselves a >: "Silent Play," 270-1715.

Could someone please post or EMAIL me the original message. My site never
received this article.

Thanks.

Derek

. . . roadkill on the information superhighway . . .

```
___________________
---- | - Derek - | |-\_
\o/ ---- | derek.buchler@ | | |_\
| ---- | channel1.com |_| | |
_/ \_ ~~oo~~~~~~~~~~oo~~~ o~~o~
```

* RM 1.3 00223 * 869.04 - 893.97: The forbidden zone.

2202. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-03-31 15:25:46 UTC
From: parnass@ih4gp.att.com
Message-ID: <CnJC71.Bus@cbnewse.cb.att.com>
Source record: 276007
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: March 16, 1994 |

Introduction to Scanning
by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, where to get it repaired if required, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves between 49.67 and 49.99 MHz by their sensitive baby monitor intercom.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. Change is in the wind -- it will soon be illegal for companies to sell scanners which cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have recently enacted laws against listening to cordless phones, but it's currently legal to listen in most states. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend AOR brand scanners.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you

get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners almost always provide more audio than portables, and portables are usually more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band unless you live in a very rural area where this band is not used. Usage of the 800 MHz band is growing by leaps and bounds.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to most scanner owners.

Currently, the more popular scanners include the Uniden/Bearcat 760XLT (a/k/a 950XLT) and Radio Shack PRO-2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT) and Radio Shack PRO-43 portables.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and

ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be somewhat more prone to lightning strikes because they are not at "DC ground."

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Service Merchandise and Circuit City sell scanners, but carry just a few models. Department stores, like Sears and Montgomery Wards, sometimes offer scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- Scanner World (Albany, NY). Telephone (518)436-9606.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- Marymack Distributing (Katy, TX) sells Radio Shack scanners at discount. Telephone (713)392-0747.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117) |

KD4MOJ maintains a scanner modification server for people | without FTP access. You can request a list of scanner | modifications by sending electronic mail with the words GET | INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove Enterprises for about $25. This single edition contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

Grove enterprises sells FCC license information on floppy disks. Disks for each state are sold separately, and the information is basically the same as the FCC "state sort," i.e., transmitter location (state/city), callsign, licensee name, and type of license.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immedi-

ate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,

Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. Rick Christian advises these strict rules for the AOSCNet Scanner Radio Echo (as of 2/1/94):

1. No discussion of cellular modifications or discussions on how to monitor cellular transmission.
2. No discussions on topics which would violate the ECPA '84, TDDRA '93, (18 USCA 2510 et seq.) or Communications Act 1934 & 1984 as amended (47 USCA 705), i.e., decoding/reception of paging, cellular, encrypted stuff, descrambling etc..
3. No Aliases.
4. No discussion of Shortwave or Amateur Radio material (except SAREX).

For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is the foremost club for scanner radio hobbyists in the northern Illinois area. CARMA was formed from the Chicago chapter of the Radio Communications Monitoring Association (RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays at area restaurants, about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about 4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members sometimes sell radio equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year subscription is available by mailing a $10 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Many CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for 1994. All meetings will be held on Saturdays at the Destiny Restaurant, 1440 Rand Road, Des Plaines, IL:

February 19
April 16
June 18
August 13
October 15
December 10

Bring a notebook and your appetite.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

2203. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-31 16:46:44 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Mar31.114644.2152@hnrc.tufts.edu>
Source record: 276008
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <2n4o5rINNm72@dns1.NMSU.Edu>, tharrell@nmsu.edu (Thomas J. Harrell) writes:
> P.S. The ignorance of the RS people can be a plus - when I got my Pro-43,
> they gave me the display unit (works fine), with the batteries included.

That's not ignorance, it's SOP. See how good you feel about your purchase,
even though you got the display unit? It works!

2204. IGNORE WORLD FTP POSTING

Newsgroup: rec.radio.scanner
Date: 1994-03-31 18:55:10 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCnJLvy.B2p@netcom.com>
Source record: 276009
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.scanner,alt.radio.scanner

The periodic reminder posting for World is still floating around, but shouldn't be.

This is being looked into.

Anyway, please ignore it. The correct location of the files is oak.oakland.edu:/pub/hamradio

The World posting will hopefully be killed off soon.

Sorry for any inconvenience this may cause.

Scott

--
```
================================================================================
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na |
|------------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| oak.oakland.edu:/pub/hamradio |
================================================================================
```

2205. RE: BC 200XLT problem ALSO 100XLT ...

Newsgroup: rec.radio.scanner
Date: 1994-03-31 18:57:55 UTC
From: louis@cpd.Tandem.COM
Message-ID: <CnJM0K.LEr@cpd.tandem.com>
Source record: 276011

In article <29MAR94.19052676@nauvax.ucc.nau.edu>, drr1@nauvax.ucc.nau.edu writes:
>In a previous article, <HINKEL@NDSUVM1.BITNET> wrote:
>>Hi everyone,
>>
>>I have a Uniden Bearcat 200XLT. The problem is it likes to shut itself off
>>whenever it feels like it. It does it both when I use just the battery pack or
>>when I have it plugged in. Although it seems to do it more when I'm using just
>>the battery pack. Some days it's fine and others it does it every three
>>minutes or so. All I have to do is turn the switch off and turn it back on and
>>it will work again for a few minutes but this is real annoying. It does not
>>seem to turn off when someone is speaking but when it is scanning for a while
>>with no response it acts up.
>>
>
>There might be something wrong with the battery pack. You'll probably have to
>buy another one.
>
>Hope this helps.
>
>Mine was doing some weird stuff a while back, ie, it wouldn't turn on with just
>the battery pack, even after the battery was fully charged. I laid out $40 for
>a new pack, and it works fine.
>

Gee this sounds alot like my 100XLT bearcat has been doing for sometime. It bugs the hell out of me. I push a key and the scanner drops power !! Turning it on and off will sometimes restore power but not always, also bumping it seems to cause power to be restored. I would hate to spend $40 on a new battery and find out I still had the same problem.

Louis

2206. Re: Unlocking

Newsgroup: rec.radio.scanner
Date: 1994-03-31 19:23:55 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Mar31.192355.26216@rsg1.er.usgs.gov>
Source record: 276013
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <2ne05t$l7g@crl.crl.com>, orion@crl.com (Colin Chandler) writes:
|> I was wondering if anyone knew if it is illegal to post up a list of
|> unlocking codes, and if not, are there any for the PRO-44 or PRO-41 or
|> HTX-404 that anyone knows of? Just wondering...
|>

If by unlocking, you are talking about mods to extend coverage - it is not illegal although there are those that will argue this till they're blue in the face. They are available on hundreds of FTP sites. The mods are typically not key sequences - they normally involve hardware mods. There are no such mods for the 404. I have not seen mods for the 41 or 44. If they do not have 800 Mhz coverage, then there is little chance of there being any kind of mod. Most scanner range mods restore cellular, but you have to have 800 Mhz circuitry first...

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

2207. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-31 20:32:18 UTC
From: jqtaylor@boi.hp.com
Message-ID: <CnJqDw.8r6@boi.hp.com>
Source record: 276014
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

I bought a few of these Silent Play gizmos - I guess just the parts and fun are worth $20 a pop. I was wondering if instead of using FM Broadcast Band or a Baby Monitor to broadcast, has anyone used a cordless phone itself to re-broadcast a scanner (or whatever) output? Seems like an old cordless phone transmitter might be very good for wandering around the house, but of course any neighboor with a scanner could intercept your interceptions!
An ideal setup would be: hook a cordless xmitter up to the Pro 2006 and set it to scan certain banks, then wear the pro 43 on your belt and tune it to the output of the cordless xmitter, and set the Priority on the Pro 43 to yet another critical frequency and this would interrupt the 49 MHz link as necessary. Of course I think Bob P. posted this idea a few years back using an old baby monitor. The only advantage these Silent Play units have is that you can use existing FM receivers to listen instead of another scanner.

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MST = GMT - 7) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 430 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

2208. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-03-31 20:50:41 UTC
From: anachem@bronze.ucs.indiana.edu
Message-ID: <CnJr8H.3EE@usenet.ucs.indiana.edu>
Source record: 276015
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

In article <2n72nbINNbjt@cronkite.Central.Sun.COM> doc@webrider.central.sun.com writes:
>>> USA readers, rush down to Radio Shack and get yourselves a
>>> "Silent Play," 270-1715.
>>
>>I bought one a month ago cheap and hooked to my HiFi VCR. I use it as
>>wireless stereo headphone for my TV. Works great for $20.
>
This is what I've been looking for. THANK YOU

>Just went down to the local Radio Shack to pick up one of these
>after seeing it in the newsgroup. Had to convince the clerk that
>it existed (found it in the catalog for him), then find it on the
>shelf. In any event he had it so I took one of the new Radio Shack
>catalogs sitting on the counter, used the $3 coupon to pay for the
>catalog and the $5 off coupon to lower the price. Walked out with
>the unit for $15.

Before I even got to this message in the queue, I was on the
phone to a local RS store. I described the device as I read
it described here. "Nope nothing like that" I said it was
called Silent Play. "Oh, yeah we got that, but its some sort
of device for Nintendo, not what you describe" !!!

I called the other local store. "Nope,.... If you had a part
number..." Coming back to this group, I continued to read
until I found a part number. He looked it up and sure enough
they had three of them, "but they're for Nintendos, not an
FM transmitter and reciever"

Just for back-up in using my $5 off coupon, I printed out this
message (above) and gave it to the manager to show him the part
number this afternoon when I bought my Silent Play. He didn't
read it before I left, and I didn;t have to refer to it to get
$5 off. He rang it up with no questions $15.74 with tax.

As he was bagging it up I asked for a catalog and he put a new
one with a new $5 off coupon into my bag. I'll buy another
Silent Play tomorrow if I like the way it works tonight.

I am especially impressed that it comes with an RCA to 1/8 adaptor
(as well as 1/8 to 1/8) This was more than I had hoped for.

About 7 or 8 years ago I got a call from my brother telling me
about a clearance on the Uniden 2021 (a Sony 2001 clone) at
National Tower. Myself and three others here in the department

quickly called and charged the $79 - 89 radio. Upon delivery
we were all well satisfied.

I never thought we would find a bargain like that again.

Then I discovered Rec.radio.shortwave (as SWL-L) where there has
been an unending string of winners!

I owe my ownership of a Pomtrex, several SRII's (from Bennet Bros
and from Thomson refurbs), a DC-777, and a Radio Shack 2006 scanner
directly to the notifications of super bargain prices or great
deal notifications posted here.

I am sure that the Silent Play is yet another classic buy.
I learned my lesson on the Pomtrex. These bargains are very
fleeting and you better buy two if you really need one. You'll
regret it for a long time otherwise. I should have bought
10 Pomtrexs and SRII's based on the current demand for them.
Hind-sight... (I couldn't afford extra DC-777s or 2006's)

Thank You! Thank You! Thank You!

I'll keep my eyes open as well and hope to reciprocate to the
benefit of you all.

(anyone have a line on the GE cordless and corded phone combo
that WalMart sells for $125 new, but Damart has for $60 or so?
I figure Thomson refurbs probably has some for about $30 - 40.
Any Thomson employees out there with a current refurb flyer
number who could provide a list of goodies now being offered?
Seems like they ought to have used SRIIIs in stock by now)

Thanks in advance.

2209. PRO-2004 for sale

Newsgroup: rec.radio.scanner
Date: 1994-03-31 22:24:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <765228810.AA07258@rochgte.fidonet.org>
Source record: 276016

* Forwarded from "SCANRADIO"
* Originally by David Stark
* Originally to All
* Originally dated 31 Mar 1994, 17:23

Yes, I'm selling my PRO-2004. (The business band restoration has not been done, but it is pretty simple.)

Modifications:

6,400 channels (16 blocks of 400)
LED center-tune indicator
10-segment LED S-meter
Transformer removed (runs cooler and quieter on external 12VDC)

Peripheral:

AIE TCF-4 Tone/Code Finder - detects CTCSS (PL) tones and DCS codes, allows programming of up to 10 tones/codes per scanner memory channel for decode.

The closest replacement scanner available now is the PRO-2006 at around $330 (average) by mail-order. The TCF-4 costs about $350 new.

Asking price is $400 with shipping included. (I will negotiate with local folks who could pick up the unit from me.) ((Personal check must clear prior to shipping.))

You can contact me in the following ways:

Voice telephone (716) 254-1726 during the evening.
FAX (716) 273-1078 anytime.
Fidonet mail to 1:2613/333.2 (route to my Boss node)
Internet email to david.stark@rochgte.fidonet.org

2210. Re: NH Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-03-31 22:42:05 UTC
From: jonjt@aol.com
Message-ID: <2nfjjt$n02@search01.news.aol.com>
Source record: 276017

In article <2mtga5$lr1@mozz.unh.edu>, ckf@christa.unh.edu (Christopher K Fowler) writes:

Hi , I am also from NH (Nashua) , would you send me the NH scanner freqs. @Taylor_j@enet.dec.com and/or Jonjt@aol.com

Thanks ! B^)

Jon

2211. Re: BC200XLT Battery Rebuild

Newsgroup: rec.radio.scanner
Date: 1994-03-31 23:07:26 UTC
From: keno@cac.washington.edu
Message-ID: <2nfl3e$ps3@news.u.washington.edu>
Source record: 276018

There have been several postings about battery packs going bad.
The battery pack in my sons 100xlt (same as in the 200xlt) died of
neglect. Instead of forking out almost 40 bucks, I took the case apart,
and went to a local electronic supply (Electronics Supply, 250 NE 45th,
Seattle, Wa (206) 632-2222). They have a fantastic supply of batteries,
nicad, and gell cells.

Don made a pack, welded straps between the cells, glued,
and shrinkwrapped the pack for a little over $16.00. These were the
exact replacement Sany cells that were in the unit originally. After
this all I had to do was solder two wires, just like the original pack,
and screw the case together.

I am sure that most major cities have a similar electronic
supply store that can provide this service. Failing that you can go to a
good hobby shop, or order batteries from mail order firms like Tower
Hobbies (check r/c magazine). When I have to make my own packs, I use a
piece of thick solderwick to interconnect the batteries. This provides a
sturdy, low resistance path between the cells. Shrink wrap tubes are
available insizes big enough to seal a D cell pack.

I have saves a lot of money making battery packs this way. I
have some R/C vehicles, and boats that I have made 12 volt 5 amp/hr
packs at about 1/2 of the original packs.

Hope this helps.

Have fun.
Ken O.

In article <hrody-310394092416@rodypc.b30.ingr.com> hrody@ingr.com (H. M. Rody) writes:
>I have a BC200XLT Scanner whose battery pack has gone south. I ordered a
>replacement ($39 plus shipping) BUT I want to get a new set of nicads to
>repair the old pack. Internal to the pack is a Sanyo CADNICA Model
>6N-550AA, 7.2V 600mh nicad pack. Anyone know where I can get a another
>one?
>
>--
>---
>Marshall Rody | Intergraph Corporation
>UUCP: ...uunet!ingr!infonode!hrody | One Madison Industrial Park
>INTERNET: hrody@infonode.ingr.com | Mail Stop IW1601
>AT&T: (205) 730-1660 | Huntsville, AL 35807-4201

2212. RADIO HOBBY OVERVIEW - A proposal

Newsgroup: rec.radio.scanner
Date: 1994-03-31 23:24:07 UTC
From: karayan@blitzen.cc.bellcore.com
Message-ID: <2nfm2n$6i3@blitzen.cc.bellcore.com>
Source record: 275883

This posting deals with an idea which I think is long overdue. I certainly don't need to mention to readers of this group how incredibly diverse the radio hobby is. This hobby has something for everyone! I just thought that we need some sort of a navigation map to take someone by the hand and show what is / can be done by a radio hobbyist. Such a thing would serve a newcomer in selecting some specific interest, but will also allow the seasoned radio hobbyist to move on to some new niche.

Before diving into such a project, I need to find out if anyone else has done something similar. I know of the intro articles posted here regularly, but I'm looking for something in a higher level of abstraction and all-inclusive. I started to build something. Here is a sample:

********** Begin sample **********

GUIDE TO RADIO HOBBY ACTIVITIES

This article attempts to provide a map of activities available to radio hobbyists based on the frequency spectrum. The intend for it is to serve as a navigation tool to anyone looking to enter the radio hobby, or anyone who wants to explore new horizons. The map contains a fair amount of detail, including some rather esoteric niche interests, but it does not pretend to be exhaustive. Special codes point to netnews groups where more info can be found. They are:
(SH)= rec.radio.shortwave; (SC)= rec.radio.scanner;
(HAM)= rec.radio.amateur.misc; (BC)= rec.radio.broadcasting;
Any additions/changes/corrections should be forwarded to George, N2OWO, at karayan@cc.bellcore.com .

```
FREQUENCY | HOBBY ACTIVITIES | EQUIPMENT REQUIRED
RANGE (MHz)| |
===========|=============================================|====================
0-0.03 | Hunting for whistlers (natural radio) [SH] | Special receiver
| | or converter +
| Listening to LORAN stations [SH] | a longwave receiver
-----------|---------------------------------------------|--------------------
0.15-0.45 | Hunting for distant marine and aero beacons | Receiver with
| [SH] | longwave band
-----------|---------------------------------------------|--------------------
.18-.19 | Low power transmitting (propagation studies, | Homebuilt xmitter
| comms) LOWFERs: no license required [SH,HAM] |
-----------|---------------------------------------------|--------------------
.45-.5 | Hunting for marine CW stations and emergency | Receiver with
| comms [SH] | longwave band
-----------|---------------------------------------------|--------------------
.5-1.7 | Casual broadcast listening [BC] | AM radio
| Hunting for distant AM stations [BC,SH] | Better AM radio
```

```
| Low power xmitting - no license [SH,HAM] | Homebuilt xmitter
-----------|---------------------------------------------|--------------------
108-138 | Listening to airliner and airport comms [SC] | Scanner
-----------|---------------------------------------------|--------------------

******* End of sample ************
```

As you can see, it provides the reader with an overview of what is done in radio hobbyism and it's as inclusive as possible. All info is arranged by frequency, so that someone with a radio can figure out what a given set of freqs can do for them. There are also references (the [..] flags) to netnews groups where one can go and find out more.

Don't worry about the specifics listed in the sample above. Just let me know what you think about the idea. I can create the whole thing and then post it to various rec.radio.* groups for comment/corrections/etc. Then, the (ever-evolving, no doubt) article can be posted periodically in the rec.radio groups.

Any comments/suggestions/pointers/flames?

George Karayannopoulos N2OWO
karayan@cc.bellcore.com Bellcore, Red Bank, NJ
Disclaimer: The opinions expressed here are mine and not my employer's.

2213. RS 2029 BC145XL

Newsgroup: rec.radio.scanner
Date: 1994-03-31 23:55:04 UTC
From: tillek@wings.micro.umn.edu
Message-ID: <CnJzo9.33I@news.cis.umn.edu>
Source record: 276019

Hi there!

I need help. I have a chance to buy either a radio shack 2029, or a BC145xl.

Could someone clue me in as to what frequencies tthey both cover, if there
are any mods can be made, and generaly, how good are they?

Thanks
-Keith

2214. Re: Looking for Scanner with RS-232 Computer Interface

Newsgroup: rec.radio.scanner
Date: 1994-04-01 00:33:31 UTC
From: a23169@nightowl
Message-ID: <1994Apr1.003331.2398@schbbs.mot.com>
Source record: 276020

In article <CnFvwr.Ktu@news.ess.harris.com> S Willingham <harris.swilling@ic1d.harris.com> writes:
> In article <CnAGLo.Inw@world.std.com> Stuart J Adams, sja@world.std.com
> writes:
> >I am looking for a scanner which can be controlled by a computer
> >via RS-232.
>
> You might check out the AOR AR3000A. It has a freq range of 100kHz to
> 2.036 GHz with some pretty sophisticated performance specs including a
> built in RS232. I believe it runs around $1200. For suppliers, try
> Grove (800)438-8155 or maybe EEB (800) 368-3270.
>
> Good luck.
>
>
> ____
> Steve Willingham | "Will communicate during next
> swilling@ic1d.harris.com | favorable satellite overpass"
> ____
You might also consider the Uniden MR8100. It has an RS232 interface and comes with the software and the connecting cable as a package deal. The latest Scanner World catalog has it for $289. An added plus is the radio covers cellular if your interested.
--

Regards,
Joe Bakas

Motorola Corporate Telecommunications
TX: 1-602-441-3292 FAX: 1-602-441-5455 PAGER 1-602-227-5711

2215. Nova Scotia Info

Newsgroup: rec.radio.scanner
Date: 1994-04-01 01:07:34 UTC
From: dmcdouga@fox.nstn.ns.ca
Message-ID: <dmcdouga-310394210721@halifax-ts2-3.nstn.ns.ca>
Source record: 276021

Ron Ling (rling@cad.uccb.ns.can) asked for information on freq. for Cape Breton Island part of Nova Scotia. Enclosed is a short list of information that I have. Some may be out of date, but it is a starting point. If anyone has more, please post.

Sydney
118.100 tower
121.900 ground
122.500 flight services
126.700 flight services
143.625/148.885 NS Dept of Gov't Services
149.770 Maritime Tel & Tel (paging)
154.310 fire dept
154.370 fire dept
154.800 fire dept
158.460 Curries Ambulance
158.910 Curries Ambulance (province wide ch)
158.610 Irving Oil
162.400 weather radio
460.7000 Air Canada

North Sydney
150.4850/149.3800 NS Dept of Highways
154.010 police dept
154.650 fire dept
030.5800 McDonalds Restaurant (drive thru) (??)

Sydney Mines
153.980 fire dept

Baddeck
150.305/149.590 NS Dept of Highways
153.830 fire dept

Louisburg
153.830 police dept (??, possible fire)

2216. Re: PRO-2027

Newsgroup: rec.radio.scanner
Date: 1994-04-01 02:13:22 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <12d279f2@f747.n115.z1.fidonet.org>
Source record: 276023

-=> Quoting kronz@periphae.ecn.purdue.edu to All <=-

kr> Is this a good scanner for medium to casual use???(mainly by my
kr> wife...) I should say that this will be in a medium RF area as well...

kr> -Also does it scan in 30khz steps in appropriate freq ranges??

Hi, Jason...
I would say that it is an appropriate scaner for your use. And yes, it
can do the 30 khz stepping after the appropriate mod. Let me know if you
want the mod and I will dig it up for you.

Jerry

2217. Re: Need Iowa Freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-01 03:09:02 UTC
From: Kevin Bretz <giftcountry@delphi.com>
Message-ID: <pw0vxfe.giftcountry@delphi.com>
Source record: 275896

Bill Spikes <spikes@sc.hp.com> writes:

>I'm looking for interesting freqs for the greater Des Moines, Iowa area.

Hi Bill,

Here's what I have for Des Moines (where I live)

Des Moines Police - 460.025, 460.150, 460.225, 460.325, 460.400,
460.500
Des Moines Fire - 460.575, 460.600, 460.625
Iowa Methodist Medical Center
Life Flight - 155.175
Security - 463.700
Polk County Sheriff - 154.815
155.580
Iowa State Patrol - 155.640
Urbandale Police - 159.210
Mutual Aid - 154.770

I also believe there is a Ham radio repeater at 146.940.

I hope this helps.

Kevin Bretz
giftcountry@delphi.com

2218. Re: Busch Gardens Frequencies Needed

Newsgroup: rec.radio.scanner
Date: 1994-04-01 04:04:05 UTC
From: rossl40555@aol.com
Message-ID: <2ng6fl$r0t@search01.news.aol.com>
Source record: 276024

In article <1994Mar4.230445.26588@lmpsbbs.comm.mot.com>,
baum@ukraine.corp.mot.com (Kevin Baum) writes:

Busch Gardens Operations are 154.515. Hope this is not to late. I just hooked
up to Internet

2219. Re: BC200XLT Battery Rebuild

Newsgroup: rec.radio.scanner
Date: 1994-04-01 08:19:56 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Apr1.031956.1@uoft02.utoledo.edu>
Source record: 275875

In article <hrody-310394092416@rodypc.b30.ingr.com>, hrody@ingr.com (H. M. Rody) writes:
> I have a BC200XLT Scanner whose battery pack has gone south. I ordered a
> replacement ($39 plus shipping) BUT I want to get a new set of nicads to
> repair the old pack. Internal to the pack is a Sanyo CADNICA Model
> 6N-550AA, 7.2V 600mh nicad pack. Anyone know where I can get a another
> one?
>
> --
> ---
> Marshall Rody | Intergraph Corporation
> UUCP: ...uunet!ingr!infonode!hrody | One Madison Industrial Park
> INTERNET: hrody@infonode.ingr.com | Mail Stop IW1601
> AT&T: (205) 730-1660 | Huntsville, AL 35807-4201
Most of the battery places advertised in the ham magazines will sell you a
new sanyo pack all ready to go for 20 bucks.Go to a local hamfest and if it's
not a tiny one,somebody will be there selling packs,just make sure it's put
together right or it wont fit.They sell a specific pack for bearcats.

2220. Re: Pro43 vs 2500xlt???

Newsgroup: rec.radio.scanner
Date: 1994-04-01 08:45:00 UTC
From: eclafl1@umbc.edu
Message-ID: <2ngmucINN5hm@umbc8.umbc.edu>
Source record: 275876

In article <2ndb0i$ggo@delphinium.cig.mot.com>,
Harry E. Cline <clinehe@rtsg.mot.com> wrote:
> highly active RF environments, like along the Expressway's of Chicago. In my
> case listening to a particular Chicago PD freq around 470 MHz was replaced with what sounded like cellular phone traffic

I'd like to know the answer to this, too! When I worked for Rescue Eight out of Arlington Heights, we used to listen to CPD on our scanner. There are sections of the JFK and IKE where this happens frequently. I came to the conclusion that it might be phone patches coming through, especially to detectives on the tactical channels for CPD. Is this kind of patching possible, anyone, or does it only happen in the 800-900 mHz range? Chicago Police has only recently switched to some 800 mHz channels.

****
ERIC CLAFLIN EMT-P, NICS, PHTLS ****** " It seems there is nothing
UNIVERSITY OF MARYLAND EMSS ****** in this world that binds,
SHOCK TRAUMA SERVICES - UMBC ****** When you're trying to find
<<< green bay packers >>> ****** your place in the line. "
eclafl1@gl.umbc.edu ****** -JUDE COLE
**********^^^^^^**********

2221. Re: Good Home Antenna?

Newsgroup: rec.radio.scanner
Date: 1994-04-01 08:57:04 UTC
From: eclafl1@umbc.edu
Message-ID: <2ngnl0INN71s@umbc8.umbc.edu>
Source record: 275877

In article <rohvm1.mahgvb-310394085926@wmgvb.ho.rohmhaas.com>,
George Bochanski <rohvm1.mahgvb@rohmhaas.com> wrote:
>I have a Pro43 which I use a lot outside the home. Inside I do not get the
>coverage that I do outside. I'd welcome any suggestions on a
>roof-mountable Radio Shack or other product. Thanks.
>
>--
>George Bochanski
>rohvm1.mahgvb@rohmhaas.com

George--

Over my many years of listening, I've had people tell me that Radio Shack antennas are bad, overpriced, below average, etc. This is wrong! I owned a discone antenna from Radio Shack, and, coupled with some expensive coax and good weather-proofing of the connections, got unbelievable reception. I was treated to exciting skip traffic, often heard Lo-Band and VHF on a regular basis from up to 70 miles away in skips.

Make sure you mount it around 30' off the ground and keep it away from trees, power lines, other antennas, and any venting/attic fans...I found these factors to affect my reception, especially 800 mHz.

Good luck,

****
ERIC CLAFLIN EMT-P, NICS, PHTLS ****** " It seems there is nothing
UNIVERSITY OF MARYLAND EMSS ****** in this world that binds,
SHOCK TRAUMA SERVICES - UMBC ****** When you're trying to find
<<< green bay packers >>> ****** your place in the line. "
eclafl1@gl.umbc.edu ****** -JUDE COLE
**********^^^^^^**********

2222. Re: HB-232 instruction set info?

Newsgroup: rec.radio.scanner
Date: 1994-04-01 09:22:49 UTC
From: hpeach@ca.uky.edu
Message-ID: <hpeach.92.0009619F@ca.uky.edu>
Source record: 275884

In article <mac.764978952@juniper22> mac@cray.com (Mark Cruciani) writes:
>From: mac@cray.com (Mark Cruciani)
>Subject: HB-232 instruction set info?
>Date: 29 Mar 94 16:57:37 CST

>Does anybody know of, or have a description of the instruction
>set defined by the COMMtronics HB-232 computer interface
>for the PRO-200* radios? This would be a list of the
>functions of the radio that can be controlled, like
>"set memory channel to X", "load VFO with frequency Y"
>and so on.

COMMtronics sells a developers kit. It comes with a short (10 pages or so)
manual and diskette containing a sample BASIC program.

In short, there are a series of 2-digit hex commands you send to the HB-232.
It will then respond with a string of up to 24 bytes of information. Each
byte contains specific details about the unit's display at the moment sampled.
The 24th byte is a checksum. To sample the display you must create a loop
that constantly issues an update command and then reads the 24 bytes of data
returned. What you do with the data from there is up to you.

P.S. Has anyone out there written any routines for this thing? I am thinking
about some, but hate QuickBASIC. I was hoping someone might have translated
the routines in the sample BASIC program into Pascal or C.

Harold
hpeach@ca.uky.edu

2223. Re: BC 200XLT problem ALSO 100XLT ...

Newsgroup: rec.radio.scanner
Date: 1994-04-01 13:04:32 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2nh650$ha2@samba.oit.unc.edu>
Source record: 275878

In article <CnJM0K.LEr@cpd.tandem.com>,
Louis Meadows <louis@cpd.Tandem.COM> wrote:
>>
>>Mine was doing some weird stuff a while back, ie, it wouldn't turn on with just
>>the battery pack, even after the battery was fully charged. I laid out $40 for
>>a new pack, and it works fine.
>>
>
>
>Gee this sounds alot like my 100XLT bearcat has been doing for sometime. It
>bugs the hell out of me. I push a key and the scanner drops power !! Turning
>it on and off will sometimes restore power but not always, also bumping it
>seems to cause power to be restored. I would hate to spend $40 on a new
>battery and find out I still had the same problem.
>
>
>Louis

Well, I'll say it again. If you're the hardware type (vs. the kind to
send it back to the store for repair or buy a new one), open up the
battery pack and poke around in there. I found in my 100XLT that the top
of the female barrel connector had become separated from the bottom of the
housing. This is significant because the center pin connector is attached
through the top of the connector. Therefor, when the scanner is moved
even slightly, the center pin becomes disengaged from the inside of the
barrel plug, breaking contact and killing the scanner power. Of course
this is when the power plug is in: but when the plug is out, the contact
which gives power to the scanner from the battery becomes loose, too, and
the same thing happens (if I am remembering correctly).

Hope this helps.

Sherrod

--

\ The above does not represent OIT, UNC-CH, laUNChpad, or its other users. /

2224. Scanner Recommnendation

Newsgroup: rec.radio.scanner
Date: 1994-04-01 13:48:53 UTC
From: john@aio.jsc.nasa.gov
Message-ID: <1994Apr1.134853.27526@aio.jsc.nasa.gov>
Source record: 275879

Hello:

I am in the market for a hand held scanner. One particular model
that that seems to have everything I would want is the AOR 1500
hand held scanner. This model has full frequency coverage from
500 khz to 1500 Mhz with no drop outs. I am particularly interested
in being able to receive the military band 225-400 Mhz. This scanner
also has A.M., F.M., and N.F.M. receiveing capabilitites. Most of the
Bearcat and Radio Shack type models all have too many frequency dropouts.

Can anybody post some information on the PROs and CONs of the AOR 1500 model?
Any recommendation on other radios I should look at would be most appreciated.

john

2225. Wanted: Bearcat 200XLT

Newsgroup: rec.radio.scanner
Date: 1994-04-01 13:51:40 UTC
From: blangos@wtcp.DaytonOH.NCR.COM
Message-ID: <2777@wtcp.DaytonOH.NCR.COM>
Source record: 275880

Looking for a working or non-working 200XLT.

--
Bruce Langos
Workstation Products Division F&A
Bruce.Langos@wtcp.DaytonOH.NCR.COM
...!uunet!ncrcom!ciss!wtcp!blangos

2226. Re: ICOM IC-R1

Newsgroup: rec.radio.scanner
Date: 1994-04-01 14:37:38 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2nhbji$2nu@umcc.umcc.umich.edu>
Source record: 275881

Tandy and value don't belong in the same sentence? Go for the real Uniden? Since most Radio Shack scanners aren't made by Uniden this is a most confusing statement. The best scanners at Radio Shack are made by GRE of Japan. I guess you never heard of the Pro-2006. Since it's possibly the best, and most inexpensive high line scanner on the market, it's hard to hameer Radio Shack. The Pro-43 is a much better scanner than the R-1 will ever be. I really hate to talk about Icom that way since I love my R-7000 but when I purchased my R-1 at work I called Icom to complain about the poor job they did with intermodulation. Their answer? "Well we only used 1 bandpass filter, small size is what people wanted, not supurb performance" I guess they admitted they can build junk.

I guess there are people who'll buy anything in the face of better products, look at Beta versus V.H.S. (Very Hard to See) Marketing is the key to selling the public anything.

Oh well, I guess I rambled enough. I never use the R-1 I bought for work, I always bring in my Pro-43(which isn't perfect) but has a hundred less problems than the R-1.

Uniden on the other hand can't touch the quality of a GRE radio from the Rat Shack. Uniden hasn't made a radio that was really worth owning in years. The 2500 was an attempt, intermod and battery problems, although corrected somewhat now, they still released the junk on the public before fixing it. My friends 2500 only got an hour out of it before dying. Uniden however did send him a new battery and upgraded his unit to one with a lot less intermod problems. Unidens service department has been known over the years to be very fair and even ignore mods that have been done under warranty.

Just wondered why you put Uniden and Realistic together? Most of the radio's aren't Uniden.

From the guy who's gonna take a lotta hits from
the R-1 and Uniden fans<g> but that's what this is all about.....Les

2227. Re: Pro43 DC adaptor

Newsgroup: rec.radio.scanner
Date: 1994-04-01 15:13:19 UTC
From: sdavis@stimpy.eecs.wsu.edu
Message-ID: <1994Apr1.151319.28580@serval.net.wsu.edu>
Source record: 275882

In article <2nel3d$4oo@ionews.io.org> gesman@ionews.io.org (Gleb Esman) writes:
>>Having worked in a few of the factories in China that Tandy contracts with,
>>let me just say that quality is not a major concern. Their testing is
>>minimal, so defects do pop up often. When you exchange it, bring your scanner
>>to test it out before you take it home. It is always possible that the one
>>you have was returned by another customer, and found its way back to the shelf.
>
>I would advice everyone do not buy s..tty power supply modules. You scanner is
>worth more, than to be supplied from adaptor, made in China.
>I'm lucky I have a digital multimeter. It saved once a life of my electronic
>organizer ($400+). Glad I decided to measure voltage before power on my
>organizer.
>--
>Gleb Esman.
>
>
>

I've tested my DC adapters output and it's putting out 11 vdc.
The PRO-43 needs only 9 vdc. The local RS says this is ok and
they even tested their other 20-188 supplies and they are putting
out 11 vdc as well.

Is this OK? Or will this shorten the life of the scanner?

Scott

sdavis@yoda.eecs.wsu.edu

2228. FCC License Data Sources

Newsgroup: rec.radio.scanner
Date: 1994-04-01 17:33:40 UTC
From: bill@thd.tv.tek.com
Message-ID: <2nhltk$d51@news.tv.tek.com>
Source record: 275902
Cross-posted to: rec.radio.scanner,rec.radio.info

[last changed 01-Mar-94]

Changes preceeded by "|". Please e-mail corrections and additions to me.

INTRODUCTION

This is a list of FCC license data sources available to scanner listeners. The FCC master contains a wealth of data about every non-government license in the United States. Most of the sources below contain a subset of this data, although a few contain all of it. Government licenses are not administered by the FCC, and the data is not available to the public.

If you are interested in purchasing the data, you might want to consider forming a co-op of people in your area to share the cost. As far as I know, this is legal since the information is in the public domain.
| However, most software supplied to view or manipulate the data is
| copyrighted and must be purchased separately by each user.

Prices are rounded to the nearest dollar and include shipping, if known.

C.E.T.

CET sells records of all stations inside a 30-mile radius for $80. (Major cities cost extra.) A 70-mile search costs $178. The data is provided on floppy disks and is available in ASCII columnar and comma-delimited formats.

CET does not provide data for licenses that do not contain specific geographic coordinates (i.e., mobile-only systems) or specific operating frequencies (e.g., amateur radio).

To do the search, CET requires the latitude and longitude of the center of the 30-mile radius. I calculated mine from a USGS topographic map I obtained at a local nautical supply store. Alternatively, you can obtain the coordinates for your town from the University of Michigan's geographic name server. Run "telnet 141.212.99.9 3000" and enter your zip code. For my area, the server returned the coordinates of the main post office.

CET can be reached at 800-445-0297.

GROVE

Grove sells FCC data on disk by state. The first state is $40, and each additional state is $30 (add $10 for CA, FL, TX). The disk comes with a database search program. Grove Enterprises can be reached at 800-438-8155.

MICROFICHE

Lee Reynolds (lee@tosspot.sv.com) has made available copies of the entire FCC master on microfiche for $75 a copy. There are three sets in all - by callsign, geographic area, and frequency - for a total of about 200 fiche. His current set is from early 1993. E-mail Lee for more information.

The Bearcat Radio Club sells the FCC master by state for $15. Bearcat Radio Club can be reached at P.O. Box 291918, Kettering OH, 45429.

PERCON

PerCon sells a variety of FCC data on CD-ROM and floppy. CD-ROMs are available by state, region, or category, and floppies are available by state. Also available is a CD-ROM of the entire US (2.5 million records). Data is updated approximately every six months.

| State floppies are $35 per state. CD-ROMs are $100 each. Quantity
| discounts available. PerCon can be reached at 716-386-6015.

POLICE CALL

This is probably the most cost-effective source of public service license information. The detail is limited, but the information that is there is often more useful than the FCC master. For example, an entry in Police Call that reads, "Portland Police, Net 3, North Precinct," reads, "Portland, City of" in the master.

Police call is available in 9 volumes covering different regions of the US. It can be purchased at Radio Shack stores for $10 per volume.

SCANWARE ASSOCIATES

ScanWare Associates sells a PC-based database program called the FCC Frequency Retrieval System V2.0. It comes with FCC data for one state, covering all services from 10 kHz through 2036 MHz. Data is updated approximately every six months (last update was Dec. 1, 1993).

Cost is $35 for the first state and $20 for each additional state. (Add $5 | for CA, FL, TX, NY.) Quantity discounts available. Fully working shareware copy downloadable from their BBS at 206-871-4228 (FCC200.ZIP). ScanWare Associates can be reached at 206-698-1383 (voice) or 206-698-8207 (fax).

APPENDIX

Here is table of data fields in the FCC master. Fields provided by various products are indicated by "*" or the field length, if known.

PERCON PERCON PERCON POLICE SCAN
DESCRIPTION SIZE CET GROVE FLOPPY US CD OTHER CD CALL WARE
Frequency (or Lower Limit) 16 11 * 16 16 16 * 11
Upper Frequency Limit 16 16 16 11
Callsign 10 8 * 10 10 10 * 10
Service Code 2 2 * 2 2 2 * 2
Licensee DBA Name 40 40 40 40 40

```
Licensee State 2 2 2 2
Licensee Zip 9 5 9 9
Licensee Address 35 30 35
Licensee City 20 15 20 20
Licensee Name 200 32 * 100 *
Applicant Phone 10 10
Transmitter Latitude 6 6 * 6 6 6 6
Transmitter Longitude 7 7 * 7 7 7 7
Transmitter Elevation 5 5 5 5 5 5
Transmitter Height 5 5 5 5 5
Transmitter HAAT 5 5 5 5
Transmitter Effective Height 5 5 5
TX Antenna Structure Height 5 5 5
Transmitter Address 80 80 80 80
Transmitter City 20 10 * 20 20 20 * 20
Transmitter County 30 10 * 30 30 30 30
Transmitter State 2 2 * 2 2 2 * 2
Class of Station 4 4 4 4 4 * 4
Type of Message Service 1 1
Area of Operation 1 1
Radius of Operation 4 4 4
Antenna Type 10 10 10
Antenna Elevation Angle 6 6
Antenna Azimuth 6 6
Antenna Polarization 3 3 3
Antenna Gain 4 4
Antenna Path Length 6 6
Antenna Beam Width 8 8
ERP Out 8 4 8 8 8
ERP Units 2 1 2
ERP Indicator 1 1
Power Out 8 4 8 8 8
Power Out Units 2 1 2
Power Out Indicator 1 1
Emissions 15 15 15 15
License Issue Date 6 6
License Expiration Date 6 4 6
Operation Begin Time 4 4
Operation End Time 4 4
Number of Vehicle Mobiles 4 4 4 4 * 4
Number of Portable Mobiles 4 4 4 4 * 4
Number of Aircraft Mobiles 4 4 4 4 * 4
Number of Marine Mobiles 4 4 4 4 * 4
Number of Pager Mobiles 5 4 5 5 5
```

ERP = Effective Radiated Power, HAAT = Height Above Average Terrain

--

Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

2229. Re: RS 2029 BC145XL

Newsgroup: rec.radio.scanner
Date: 1994-04-01 17:57:46 UTC
From: btaylor@nbnet.nb.ca
Message-ID: <btaylor.14.0@nbnet.nb.ca>
Source record: 275885

In article <CnJzo9.33I@news.cis.umn.edu> tillek@wings.micro.umn.edu (Keith Dalluhn)
writes:
>From: tillek@wings.micro.umn.edu (Keith Dalluhn)
>Subject: RS 2029 BC145XL
>Date: Thu, 31 Mar 1994 23:55:04 GMT
>
>
>Hi there!
>
>I need help. I have a chance to buy either a radio shack 2029, or a BC145xl.
>
>Could someone clue me in as to what frequencies tthey both cover, if there
>are any mods can be made, and generaly, how good are they?
>
>Thanks
>-Keith
I have owned a 145XL for several years and find it a nice little rig. I
live in a rural area and the 16 channels were plenty. In an urban area you
would find it inadequate. The coverage was 137-174 and 406-512 MHz (all
FM). A few drawbacks with the 145: - the fact that the display
shows channel only, not frequency. On command it will show you frequency
one digit at a time. It has lockout, priority channel one selection, and
instant wx. Also there is factory 2 second delay which is not switchable.
The scanner will not search either. I recently sold mine and moved up to
an 890XLT. Was impressed with Bearcat and stayed in brand.

good luck...73 de BT

2230. Re: Busch Gardens Frequencies Needed

Newsgroup: rec.radio.scanner
Date: 1994-04-01 18:24:05 UTC
From: jthurs@ukelele.gcr.com
Message-ID: <2nhos5$2c0@ukelele.gcr.com>
Source record: 275886

rossl40555@aol.com (RossL40555) writes:

>In article <1994Mar4.230445.26588@lmpsbbs.comm.mot.com>,
>baum@ukraine.corp.mot.com (Kevin Baum) writes:

>Busch Gardens Operations are 154.515. Hope this is not to late. I just hooked
>up to Internet
Also, a few years ago, I found some handhelds being used at Busch Gardens
(the Williamsburg, Va. one, don't know about Fla.) in the 460 MHz range.
These were being used on the tram that goes from the park to the brewery.
Hope this helps!
--Jason

==
| Jason Thurston | thurs_j@cs.odu.edu |
| Firefighter III/EMT-A | jthurs@gcr.com |
| Dumfries-Triangle Rescue Squad, Stations 3-Rescue & 17 |
| Prince William County, Virginia, USA |
==

2231. New York State Police Trunking

Newsgroup: rec.radio.scanner
Date: 1994-04-01 18:49:01 UTC
From: cynth5655@aol.com
Message-ID: <2nhqat$8h8@search01.news.aol.com>
Source record: 275887

Does anyone know where the New York State Police are in their plan to move to trunked radio systems? Have they switched on a limited basis already or do they have a target date for a switch-over?

Cynthia

2232. Presidental Security

Newsgroup: rec.radio.scanner
Date: 1994-04-01 19:30:20 UTC
From: cr933@cleveland.Freenet.Edu
Message-ID: <2nhsoc$3vi@usenet.INS.CWRU.Edu>
Source record: 275888

The President is visiting Cleveland to throw out the first pitch
at the new Gateway Stadium. He will be landing (Air-Force 1) at
Cleveland Hopkins Int. Airport, then will take a helicopter to
burke lakefront airport where he will have a car waiting. The car
will drive him to Gateway Stadium. The secret Service has been combing
the new stadium to insure saftey.

Any ideas for frequencies for any or all of the parts listed above??
Please post them here or (better yet) E-Mail me at

cr933@cleveland.freenet.edu

Thanks in advance,

Michael Noll
--
Michael Noll - cr933@cleveland.freenet.edu

2233. Re: Does anyone know the freq's of radar?

Newsgroup: rec.radio.scanner
Date: 1994-04-01 19:36:18 UTC
From: dtiller@cscsun.rmc.edu
Message-ID: <CnLIGJ.Cxq@cscsun.rmc.edu>
Source record: 275889

Jonathan Sherman (jsherman@nyx10.cs.du.edu) wrote:
: X, K, Ka... And what is detected in the laser ones?

10.525 GHz = X
24.125 (?) = Ka

The laser ones are literally that - light. I assume they modulate the beam to be sure it's them they're hearing and detect either round-trip time or doppler on the modulation.
--
David Tiller | Network Administrator | Voice: (804) 752-3710 |
dtiller@rmc.edu | Randolph-Macon College| Fax: (804) 752-7231 |
"Drunk, [Beowulf] slew | P.O. Box 5005 | ICBM: 37d 42' 43.75" N |
no hearth companions." | Ashland, Va 23005 | 77d 31' 32.19" W |

2234. Re: UK DRIVE-THRU's

Newsgroup: rec.radio.scanner
Date: 1994-04-01 21:42:02 UTC
From: darren@g7lwt.demon.co.uk
Message-ID: <765236522snz@g7lwt.demon.co.uk>
Source record: 275890

Hi Derek,

In article <1994Mar30.141714.2188@zippy.dct.ac.uk>
dbrankin@mcs.dundee.ac.uk "Derek Brankin" writes:

> I'm going mad 'cos I can't find the frequencies my local McDonalds use.
> Can any of my fellow UK radio-wave surfers help.......

In the UK McDonalds have spoiled all the Drive Thru fun by using infrared
headsets. Shucks ! (Or should that read sucks ?)
--
Darren Storer
Fax: +44 61 773 3446
Internet: darren.g7lwt.demon.co.uk
AX25: G7LWT@GB7BEV.#16.GBR.EU

2235. Re: Pro43 DC adaptor

Newsgroup: rec.radio.scanner
Date: 1994-04-01 21:56:33 UTC
From: dan@coho.halcyon.com
Message-ID: <2ni5ah$fqv@nwfocus.wa.com>
Source record: 275891

In article <1994Apr1.151319.28580@serval.net.wsu.edu>,
Scott Davis - EECS <sdavis@stimpy.eecs.wsu.edu> wrote:
> I've tested my DC adapters output and it's putting out 11 vdc.
> The PRO-43 needs only 9 vdc. The local RS says this is ok and
> they even tested their other 20-188 supplies and they are putting
> out 11 vdc as well.
>
> Is this OK? Or will this shorten the life of the scanner?

Check the voltage while the unit is pluged in a turned on. I noticed
this on several power supplies I have used with my DiskMan.
--
dan@halcyon.com
Dan & Amy Lawrence
Seattle, WA USA

2236. Re: Pro-46 Mods??

Newsgroup: rec.radio.scanner
Date: 1994-04-01 23:33:08 UTC
From: j4dice@aol.com
Message-ID: <2niavk$bse@search01.news.aol.com>
Source record: 275892

In article <9403311123.AA33069@davidmac.riposte>, dmacfarlane@zip.sbi.com (David R.D. Macfarlane) writes:

>Where can I get info on cellular mods for the Pro-46?
>Thanks.

Here's what you're looking for (from 2 different sources).

Product: Realistic PRO-46 by Radio Shack
Purpose: Restoration of full 800 Mhz coverage

The modification of this unit is from the May, 1993 issue of Monitoring Times, published by Grove Enterprises.

** Disclaimer: All modifications are done at your own risk. This product uses surface mount components which can be easily damaged. Do not perform this modification if you are not experienced with this type of circuitry. This will void the warranty of your scanner.

** Listening to certain portions of the 800 Mhz band is prohibitted by United States law.

Modification of PRO-46 for full 800 Mhz coverage with 30 Khz stepping available.

1. Remove the battery pack, battery door and antenna.
2. Remove the four black screws from the back of the radio, then push upward on the bottom of the rear of the case, carefully swinging it upward and removing it.
3. Carefully insert a small screwdriver between the two boards next to the interconnect plug in the lower right corner. Gently pry the top board up to separate it and set it aside.
4. Unsolder the copper-coated plastic shield from the microprocessor and set it aside. ** CAUTION!! Too much heat will damage the shield. **
5. Locate the two chip jumpers imprinted with "0". Carefully unsolder and remove both.
6. Solder one chip jumper across the two upper most unused solder pads. (Soldering a jumper across the lower two pads changes the 30-50 Mhz band to 68-88 Mhz.)
7. Reverse steps 1-4. The modification is completed.

Pro46.Mod
You will be able to tune continously from 80?whatever to 95?whatever and this will include the appx 870 - 890 cellular band with the proper 30 MHz steps for the cellular frequencies.
1.Remove battery pack, battery door and antenna.

2.Remove the 4 black screws on the back of the radio: push upward on bottom at
rear case and cantliever (swing) case half up from bottom to separete and remove, its not necessary to remove belt clip.
(note: This sounds much easier than it is. Be prepared to "prop and lever" around 3 catches in the battery case, along with one on each side around 1/4 of the way down the case)
3.Carefully separate RF board from processor board by inserting eyeglass screwdriver between board by plug-in connector.
4.Unsolder copper-coated plastic Rf shield from microprocessor and set aside.
(note: If memory serves me correctly, this SHOULD be the side where the pushpad is. In order to follow the rest of the instructions, place the scanner face down on a piece of cloth or in a clamp with the antenna facing AWAY from you).
5.Locate two resistors marked "0" (zero) on right side of board.
(note: On mine they were labeled "000", not "0")
6.Carefully unsolder and remove BOTH of the resistors.
7.Reinstall ONE of the removed resistors (or jumper) on the UPPERMOST set of EMPTY solder pads.
(note: These are located just to the left of where you just removed the two resistors.)
8.Thats it, reassemble the radio.
PS-Reintstall one of the removed zero marked resistors into top set of empty solder pads. DO NOT install anything into LOWER SET of empty pads (cancels 30-
50 mhz and adds 68-88 mhz.

Hope these help you. Mod. worked fine for me.

Jim Fordyce

2237. Re: Pro43 DC adaptor

Newsgroup: rec.radio.scanner
Date: 1994-04-02 00:07:29 UTC
From: mahjmac@netcom.com
Message-ID: <mahjmacCnLv0H.J13@netcom.com>
Source record: 275893

In <1994Apr1.151319.28580@serval.net.wsu.edu> sdavis@stimpy.eecs.wsu.edu (Scott Davis - EECS) writes:

> I've tested my DC adapters output and it's putting out 11 vdc.
> The PRO-43 needs only 9 vdc. The local RS says this is ok and
> they even tested their other 20-188 supplies and they are putting
> out 11 vdc as well.

> Is this OK? Or will this shorten the life of the scanner?

It is my understanding that you will see a higher voltage than rated when you test the output with no load. The amount of amperage a power supply can provide is also important in determining the proper one to use.

If you have a device that is designed to use a 9 volt supply with a 500 milliamp capacity, and instead you use a 9 volt supply with a 1000 milliap (1 amp) capacity, you risk damage to the device.

The supply will produce higher voltages when a device is drawing less current than what the supply was designed to provide while staying reasonably close to the rated 9 volts.

I don't know if there is a standard formula, or how much extra current capacity should be alowed, but I know a good rule of thumb is to always get a supply with the proper voltage AND current rating that correspond to the printed requirements of the device you are powering.
--

| Michael A. Hotz J.M. Allen Creations mahjmac@netcom.com |
| Of course my opinions represent those of my company, I own it! ;-) |

2238. PRO-43 and Cellular

Newsgroup: rec.radio.scanner
Date: 1994-04-02 00:14:40 UTC
From: banyan@news.delphi.com
Message-ID: <2niddg$itr@news.delphi.com>
Source record: 275894

I just purchased a PRO-43 and unlike my BC 200XLT I can not search 896 - 915 Mhz. My XLT will receive yet the PRO-43 only gets a carrier. What's the story?

2239. Worth?

Newsgroup: rec.radio.scanner
Date: 1994-04-02 01:37:35 UTC
From: guardian@dorsai.org
Message-ID: <CnLz6o.18u@dorsai.org>
Source record: 275895

Hi..

I have two scanners .. does anyone know what they are worth? SOmeone
gave them to me in the box with instructions...

yeasu frg9600

and AOR900 handheld...

Any info would be appreciated.

Thanks.

guardian@dorsai.dorsai.org

2240. Re: Presidental Security

Newsgroup: rec.radio.scanner
Date: 1994-04-02 03:11:35 UTC
From: cntrspy@netcom.com
Message-ID: <cntrspyCnM3JB.I6n@netcom.com>
Source record: 275897

Michael P. Noll (cr933@cleveland.Freenet.Edu) wrote:

: The President is visiting Cleveland to throw out the first pitch
: at the new Gateway Stadium. He will be landing (Air-Force 1) at
: Cleveland Hopkins Int. Airport, then will take a helicopter to
: burke lakefront airport where he will have a car waiting. The car
: will drive him to Gateway Stadium. The secret Service has been combing
: the new stadium to insure saftey.

////////

You're better off listening to the local P.D. and the news media
frequencies for your area. SS uses digital encryption on Presidential
details and all you will hear is white noise. If on the other hand,
you listen to local P.D. tactical channels and the News Media they
have EXTREMELY POOR Communications Security.

On one local visit to CA, the local P.D. was giving a street by street
update on a clear tactical channel, while the SS was encrypted.

News media is the worst, you learn EVERY move before hand so they can
set up for a photo opportunity.

On his last visit to L.A. after the earthquake, the White House press
Agency had to ask (not too politely) that a local T.V. station news
helicopter STOP giving the motorcaide route by street name (The idiot
was actually calling off the streets he was approaching).

Personally, I am surpised the Secret Service is so sloppy. My own
people in the private sector are not that sloppy !

Hope this information helps out.
////////////////////////////

: Any ideas for frequencies for any or all of the parts listed above??
: Please post them here or (better yet) E-Mail me at

: cr933@cleveland.freenet.edu

: Thanks in advance,

: Michael Noll
: --
: Michael Noll - cr933@cleveland.freenet.edu
--

--

//
Chris Hall
Operations Director
Executive Protection Associates, Inc.

"I'm not a lawyer, I just play one on T.V."

Opinions Expressed are those of the author and NOT those of EPAI.

PGP Key available... If you ask nicely...

2241. Help Wanted on Buying a Scanner.

Newsgroup: rec.radio.scanner
Date: 1994-04-02 03:12:11 UTC
From: aaj@telerama.lm.com
Message-ID: <2ninqb$psr@telerama.lm.com>
Source record: 275898

Help,

By some luck I will be recieving a bonus check from work. I need help spending it. OK OK. All you who raised their hands put them down. I mean to buy a new scanner. I currently have a pro2005 that I just got a offer of 2 HardDrives (a 450 and a 250 MB) for the scanner. The person has no use for the drives but wants the scanner. So I am forced to buy a new scanner. I was looking at the RS-Pro2006. But I want a computer interface. One I dont have to put together. So I was looking at the AOR-2500 listed at $449. Does anyone out there have one of these if so what do you think about it. or does any one else have a suggestion for me. And By the Way I only want to spend a max of 500-550 dollars.
Thanks in advance.
Alan

--
| || ||| |||| || | || | This Message Barcoded for Security Reasons.
| || ||| |||| || | || | From Alan A. Jakub - - At Telerama.Lm.Com
| 2 3 5 6 9 0 1 | Alias MAGI

2242. Cellular FAX

Newsgroup: rec.radio.scanner
Date: 1994-04-02 03:54:31 UTC
From: tmnichol@alioth.cc.nps.navy.mil
Message-ID: <CnM5Iv.3Hw@taurus.cs.nps.navy.mil>
Source record: 275899

Some cellular phones can be connected to laptops or fax machines. While scanning the cellular band, has anybody come across a fax transmission? If one did, would it be possible to intercept this fax and how would you do it? Could you simply run the audio from the scanner to a fax machine? How about using the modem on your PC (yes, a fax modem!)? Please, no boring replies about the legality of cellular listening.

2243. British scanner users please read

Newsgroup: rec.radio.scanner
Date: 1994-04-02 05:01:48 UTC
From: an84802@anon.penet.fi
Message-ID: <050303Z02041994@anon.penet.fi>
Source record: 275900

Hello
Can you help me? I am trying to find out which British Police
forces are currently scrambling their radio communications.
Does your local force ever scramble its radio communcations?
If so could you let me know the following ..

Do you know what the scrambling system is?

Is it used by officers on the beat or only special squads?

Do you know what kind of radios the system uses?

Which Police force is this?

Don't worry I am not from the RIS! If you respond to my anonmyous
address which is in Finland the computer will strip your address from
the message before mailing it on to me.So unless you tell me or leave
your tagline in the message I won't even know who you are!

Thanks

an84802@anon.penet.fi

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

2244. Scanner World

Newsgroup: rec.radio.scanner
Date: 1994-04-02 06:38:30 UTC
From: bspring@world.std.com
Message-ID: <CnMD46.lp0@world.std.com>
Source record: 275901

Hola. I have seemed to have lost all of my Scanner World catalogs. Does anyone have the Number in Albany?? Thanks.

- Bill

--

```
_____________________________________________
| |
| Bill Springall | Audio Engineer |
| bspring@world.std.com | Emerson College/WERS Radio |
```

2245. Buying Scanner

Newsgroup: rec.radio.scanner
Date: 1994-04-02 12:52:45 UTC
From: aj276@FreeNet.Carleton.CA
Message-ID: <CnMuFx.JM0@freenet.carleton.ca>
Source record: 275903

I am thinking of buying a scanner.Since I have never even tried one or saw what it can do, I am only (probably) going to buy a 10-Channel Radio Shack model for about 195$ after tax.Is it possible to give your scanner more channels?This model is only so I can try it out, but for instance could I put 50 channels in for a lower cost than buying a new one?Also, if anyone knows of a place in the Ottawa area where I can get a scanner with more channels for a better price, please metion it.

Use E-MAIL please. aj276@freenet.carleton.ca

--

" REAL MEN, USE INTERNET "

2246. Attn: Camnis HCS-050 users

Newsgroup: rec.radio.scanner
Date: 1994-04-02 12:58:01 UTC
From: leowaltz1@aol.com
Message-ID: <2njq4p$ln0@search01.news.aol.com>
Source record: 275904

Having just received a Camnis HCS-050, I would like to start
a thread here on its operation, which has good and bad points.
The unit was received less than a week after it was ordered
from Javiation in the UK (faster than most US companies ship
things.)

I will start right off with the major problems I have seen.
The English version of the Japanese user manual appears to
be a translation, and it is not well written. In most cases
they leave you dangling after an operation is described, with
no information on how to exit the function. In one case, it
is pointed out that "including" banks is easier than "excluding"
banks, but then fails to explain how to do the "include". Bank
"linking" is discussed as a third alternative, and is fairly
clear, except how to unlink. And this brings us to the unit
itself:

1. There are no instructions on how to do a master clear of
all programming. I had to manually delete over a hundred
channels which were in memory when the unit arrived.

2. The priority function has two flaws:
-- A popping sound every two seconds when searching as the
priority channel is checked. This can only be eliminated by
turning to squelch to near maximum, which results in some
transmissions not being heard. The popping does activate a
VOX in a tape recorder.
-- When searching is pre-empted by a priority transmission,
and when manually de-activating the priority checking, the
HCS-050 loses track of the frequency being searched and goes
to the beginning of the search range that it was in at the time
of the interruption.

3. I cannot get the mode (AM,NFM,WFM) changed on individual
channels. This may be another void in the instructions, but
I can only specify mode for a search range; otherwise the mode
button does not do anything. I have found a workaround in that
I can set the mode for a search, then suspend the search with
that mode still being indicated, then load the channel. But,
I still have some channels entered in AM that should be NFM.
Help is needed on this one.

4. The squelch does not completely silence the speaker. There
is always a low volume noise.

Also there is a readout of "TRX" on the LCD that is not shown in either manual. It is just to the left of "BANK" under the "PRI" readouts. It obviously means I did something wrong.

I forgot to mention that the popping sound in item 2 also happens when the unit does a search range shift.

Well, this is a start. I will get to scanning in the next note.

Leo Waltz
lwaltz@aol.com
DMHT67A@prodigy.com

2247. New Radio Shack mag: Radio!

Newsgroup: rec.radio.scanner
Date: 1994-04-02 16:49:28 UTC
From: bds2@email.psu.edu
Message-ID: <bds2.13.0010D38B@email.psu.edu>
Source record: 275911

During my weekly visit to a local Shack I noticed the premier issue of
a new magazine called "Radio!" at the counter. Covers the entire spectrum
from SW to CB, ham to scanning. Looks to be something of a thinly veiled
advertisement for Radio Shack products, incl. "reviews" of RS equipment.
Might turn out to be worthwhile someday, then again...

2248. Re: Presidental Security

Newsgroup: rec.radio.scanner
Date: 1994-04-02 17:41:44 UTC
From: spiel@emoryu1.cc.emory.edu
Message-ID: <2nkaoo$pt2@emoryu1.cc.emory.edu>
Source record: 275905

Michael P. Noll (cr933@cleveland.Freenet.Edu) wrote:

: The President is visiting Cleveland to throw out the first pitch
: at the new Gateway Stadium. He will be landing (Air-Force 1) at
: Cleveland Hopkins Int. Airpot... ^^^^^^^^^^^^^^^

Of course he will be landing in Air Force One. ANY Air Force flight carrying
the president is designated "Air Force One". Many people think that
the famous 747 plane for presidential transport itself is called Air
Force One. Even if the prez was in a 727 it would be Air Force One.

2249. Icom-R1 & BC8500XLT

Newsgroup: rec.radio.scanner
Date: 1994-04-02 21:03:09 UTC
From: ej720@cleveland.Freenet.Edu
Message-ID: <2nkmid$44k@usenet.INS.CWRU.Edu>
Source record: 275906

**B00000000000000

Subject: Icom-R1 & BC-8500XLT

I have various, somewhat expensive hobbies, and I find
that "Scanning" is one of the most exciting! I have
20 years of experience in electronics. I design "Turnkey
A/V Presentation Systems" for boardrooms and training
facilities. I purchased my Icom-R1 at the Dayton Hamfest
several years ago. I use the R1 at work to "look" near the
frequencies of wireless microphones, (mainly in the TV
band), confirming their quality, stability, and lack of other
carrier in the area.
Since then I have found a world I was aware of, but had
not experienced (scanning). I recently became a member
of FREENET (I'm Backpacking on the Info-Highway).
I also recently purchased the a new scanner
- BC-8500XLT -. This purchase was to make up for the
few things the R-1 lacked, (there is only a few).
The 8500 works well for all my needs (amateur, police,
fire, emergency, cordless and cellular - (at 400mHz above
the original signal), but would like to have the nice 30kHz
spacing.
I read about the trashing these units take from people in
the BIG CITY (one more reason not live in one).
Also have read about the new imports with 1-99 spacing!
WOW ! This seems the way to go as frequencies become
more condensed. With April 26th approaching, would it be

a good idea to trade in my R1 for one of these beauties?

Are they still available? Where?

How do I explain this one to my wife? $$ HOBBIES $$?

Comment:

I also feel like a kid who is about to get his lollipop taken away by a bully. SCANNER PARANOIA from an uninformed congress is pitiful. Cellular lobbyist/s must have paid out dearly for this one, (I voted for Perot can you tell?).

I am also concerned about the recent closing of nodes to other scanner services. Am I to imply (with the deadline approaching), that someone is applying gentle pressure on places of higher learning?

Boy am I getting an education!

My real question ....Has anyone "Done" the BC8500XLT ?

By the way thank you for this forum, keep up the good work. The exchanges by individuals and the material are both hilarious and informative. Great stuff!

Happy Easter

Paul A. Valley - Audio & Video Consultant

Valley Video - Engineered Presentation Systems

ej720@cleveland.freenet.edu

2250. 136 Mhz AM for BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-04-02 21:43:10 UTC
From: XQQQME <xqqqme@delphi.com>
Message-ID: <xqwMpvu.xqqqme@delphi.com>
Source record: 275907

Does anyone know the mod for getting the BC 200XLT to recieve in AM mode in the
136 Mhz range. I know it has something to do with disconnecting an "air" diode
, whatever that is. I need AM to downlink Noaa sattelite transmissions as I am
currently getting
a scrambled picture and I belive the FM mode is the cause. Thankyou.

2251. Re: Help Wanted on Buying a Scanner.

Newsgroup: rec.radio.scanner
Date: 1994-04-02 22:11:35 UTC
From: danm@hebron.connected.com
Message-ID: <2nkqin$4kq@hebron.connected.com>
Source record: 275908

In article <2ninqb$psr@telerama.lm.com>,
Alan Jakub <aaj@telerama.lm.com> wrote:
>Help,
>
>By some luck I will be recieving a bonus check from work. ...
>I was looking at the RS-Pro2006. But I want a computer
>interface.... So I was looking at the
>AOR-2500 listed at $449. Does anyone out there have one of these if so
>what do you think about it.

Alan,
I had one of the AOR-2500's for about 10 days and returned it to
the dealer for a full refund. It was so prone to overload from local FM
stations (and those NOT so local) that listening to much of anything was
a hassle. It had a nifty computer interface and control software, but the
poor performance FAR outweighed this marginal advantage.
I have told this story on many of the computer nets and have yet
to hear from another user disputing my opinion that the 2500 is not a
desireable scanner. I'd avoid it like the plague. Saving up more money
for an ICOM R-7000/7100 is well worhwhile. I bit the bullet and di it and
haven't regretted it for a moment.

--
==
+ Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ...+
+ Auburn, WA | and whoever is playing against the New York Mets! +
+ GEnie:D.MORISSEAU | INTERNET ADDR: danm@hebron.connected.com +

2252. Re: Lost 30-54MHz due to

Newsgroup: rec.radio.scanner
Date: 1994-04-02 22:50:00 UTC
From: don.whalen@delta.com
Message-ID: <ac.2752.5411.0N0E0B7B@delta.com>
Source record: 275909

Ar>> I have a Pro-34 and did the mod to recover the cellular freqs. Now it
Ar>> looks as if I've lost the 30-54MHz range as a result. Is this the
Ar>> case? Is it one or the other?

d> I have a Pro-34 as well could you forward the MOD'S to me and I'll let
d> you know Thanks in advance.

JS> Here is the mod, Don...

JS> Product: Realistic PRO-34
JS> Purpose: Restore continuous 800 Mhz coverage

I followed the directioons just like you posted and I have the lost
cellular freq.plus I am still able to scan the 30-54Mhz range ...odd.
I don't know what your problem is with it. Thank you for the mod post.
-=Don=-

... Terror: A female Klingon with PMS.
___ Blue Wave/QWK v2.12

2253. Books, Master Frequency File

Newsgroup: rec.radio.scanner
Date: 1994-04-02 23:35:10 UTC
From: vhealey@crl.com
Message-ID: <2nkvfe$bgk@crl2.crl.com>
Source record: 275910

Today I visited HRO in Atlanta and noticed several books of interest. Ferrell's CONFIDENTIAL FREQUENCY LIST Eight Edition. Pub Gilfer Shortwave This publication has been around since 1992. Lists frequencies used by Aero, Commercial, Embassy, Marine, Military, Government stations worldwide in the HF bands. 535 pages. Includes voice, rtty, cw and fax modes by frequency. I like it and bought it. Tunnell and Kekty's MASTER FREQUENCY FILE 531 pages Pub Tab Books This publication is new for 1994 and picks up where the first ends, covering the vhf and uhf spectrum. I like this one very much as it seems to be the best book ever for use with a scanner. I own Radio Shack directories, the New Monitor America and various other older publications but this book is the neatest, especailly for it area of coverage. For example listings look like this

Notation Function F Input Output Tone

KFP990 Nationwide Swat 167.5375 163.8625 167.9

f= channel id number if used

FBI DEA SS Customs IRS Immigation-Border Patrol US Marshals Prisons Noaa and National Parks , are some of the areas covered from 25MHZ to 2110 MHZ.

Victor Healey Ki4je
vhealey@crl.com

2254. Re: Presidental Security

Newsgroup: rec.radio.scanner
Date: 1994-04-03 01:58:38 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2nl7se$roq@umcc.umcc.umich.edu>
Source record: 275912

With the multi-million dollar secure communications system aboard the Air Force 747 that carries the President, Don't expect him to travel in another plane. It's only Air-Force-1 when he is onboard, when he isn't it's not called air force one.
Les

2255. Re: PRO-43 and Cellular

Newsgroup: rec.radio.scanner
Date: 1994-04-03 02:43:23 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Apr2.214323.1@uoft02.utoledo.edu>
Source record: 275913

In article <2niddg$itr@news.delphi.com>, banyan@news.delphi.com (BANYAN@DELPHI.COM) writes:
> I just purchased a PRO-43 and unlike my BC 200XLT I can not search 896 -
> 915 Mhz. My XLT will receive yet the PRO-43 only gets a carrier. What's
> the story?

Well,the story is that the cell band is from 868.950 to 894.000,so you aren't missing anything as far as cellular goes.All you were hearing on the 200 was images of the real thing.Bearcats are famous for this.About the only thing you might hear at about 900 is the new cordless phones,and you won't hear them for any distance compared to 46mmhz.I miss the OLD cordless phones that were on 1.6 to 1.8 mhz!They went for miles!Congrats on the 43,I replaced my 205 with one and am very happy with it.
--
Barry Felstein,N8PVX,using the acct of:
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

2256. FOR SALE: Radio Shack PRO-43 SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-04-03 03:32:03 UTC
From: rossi@VFL.Paramax.COM
Message-ID: <1994Apr3.033203.17524@VFL.Paramax.COM>
Source record: 275914
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

Posting for a friend

FOR SALE:
- Radio Shack PRO-43 scanner with Ni-Cad battery pack. Extra antenna.
- Full 800 MHz band coverage restored
- About 1 year old

$250 + shipping

I will pass responses along.

==========
Pete Rossi - WA3NNA rossi@vfl.paramax.COM

Unisys Corporation - Government Systems Group
Valley Forge Engineering Center - Paoli, Pennsylvania
==========

2257. Re: western new york frequencys

Newsgroup: rec.radio.scanner
Date: 1994-04-03 04:39:07 UTC
From: rmonaco@delphi.com
Message-ID: <BgxMJNz.rmonaco@delphi.com>
Source record: 275915

David Retzik <dretzik@uoguelph.ca> writes:

>Can someone give me freqs in Western New York? I'm particularly looking
>for police, fire, and other action freqs. I'm looking for them in the
>Niagara Falls, Buffalo, Youngstown, Lewiston area, (and any other area
>close by the border). If there are too many of them,just send the main ones
>along
>with what they are. Could someone recommend where I could get a directory
>of the area? Thanks

From alt.radio.scanner Sat Mar 28 15:20:38 1992
Path: ucsbcsl!mustang.mst6.lanl.gov!nntp-server.caltech.edu!elroy.jpl.nasa.gov!s
dd.hp.com!zaphod.mps.ohio-state.edu!ub!acsu.buffalo.edu!noah
From: noah@acsu.buffalo.edu (Philip D. Noah)
Newsgroups: alt.radio.scanner
Subject: Buffalo Ny freq. list (330 freqs.)
Summary: a short list for NY/Buffalo area
Keywords: buffalo NY frequency list
Message-ID: <1992Mar26.155211.2994@acsu.buffalo.edu>
Date: 26 Mar 92 15:52:11 GMT
Sender: usenet@acsu.buffalo.edu
Organization: UB
Lines: 301
Nntp-Posting-Host: lictor.acsu.buffalo.edu

ALBANY ALBANY FIRE 460.55001 KCY-214
ALBANY ALBANY FIRE 460.62502 KCY-214
ALBANY STATE POLICE 154.6800TROOP G KED-924
ALBANY STATE POLICE 154.8450TROOP A KSX-261
ALBANY ALBANY POLICE 155.55001 KEA-887
ALBANY ALBANY POLICE 460.05001 KEA-887
ALBANY ALBANY POLICE 460.17503 KEA-887
ALBANY ALBANY POLICE 460.32502 KEA-887
ALBION ORLEANS POLICE 39.1400SHERIFF KEB 414
ALBION ORLEANS POLICE 39.4600SHERIFF KEB 414
ALBION STATE POLICE 155.4600 KED-904
ALEXANDRIA BAY JEFFERSON FIRE 46.18001 WRU-988
ALEXANDRIA BAY JEFFERSON POLICE 154.75501 KKG-590
ALEXANDRIA BAY STATE POLICE 154.9200TROOP D KVN-580
ALEXANDRIA BAY JEFFERSON POLICE 155.91002 KKG-590
ALLEGANY ALLEGANY SHERIFF 39.1800
AMHERST ERIE FIRE 46.26001 KEE-409
AMHERST ERIE POLICE 154.74001 KEA-536
AMHERST ERIE POLICE 154.89002
AUBURN CAYUGA FIRE 46.10002 COUNTY KDG-230

AUBURN CAYUGA FIRE 46.20001 KZI-265
AUBURN CAYUGA POLICE 39.1000SHERIFF KDF-592
AUBURN CAYUGA POLICE 39.50001 KDE-706
AUBURN CAYUGA POLICE 39.5000
AUBURN STATE POLICE 154.7700TROOP E AUBURN
STATE POLICE 154.9050TROOP E
AUBURN CAYUGA POLICE 155.5500SHERIFF KDF-592
AUBURN CAYUGA POLICE 155.5500SHERIFF WQD-417
AUBURN CAYUGA POLICE 155.67002 KEB1AUBURN
POLICE 58
AUSTERLITZ STATE POLICE 154.7850TROOP K KED-920
BATAVIA GENESEEFIRE 46.12001 BATAVIA GENES
BATAVIA POLICE 460.2250 BINGHAMTON BROOME FIRE
33.90BINGHAMTON BROOME WSL-898
BINGHAMTON BROOME POLICE 154.80001 KEB-214
BINGHAMTON BROOME POLICE 154.85 KEB-214
BINGHAMTON BROOME POLICE 154.87502 KEB-214
BINGHAMTON STATE POLICE 155.0700TROOP C KNBF-370

BINGHAMTON STATE POLICE 155.5800TROOP C KED-896
BINGHAMTON TON STATE POLICE 155.9500TROOP C KBUFFALOO
ERIE ADI 155.2200
BUFFALO ERIE BUS 44.1000
BUFFALO ERIE BUS 44.1600
BUFFALO ERIE BUS 44.4600
BUFFALO ERIE BUS 44.4800
BUFFALO ERIE BUS 44.5400
BUFFALO ERIE BUS 46.5800
BUFFALO ERIE BUS 47.4600COTTRELL KJY-660
BUFFALO ERIE BUS 452.4750SUPERVISOR
BUFFALO ERIE BUS 452.62501 MICHIGAN
BUFFALO ERIE BUS 452.6250COMPUTER
BUFFALO ERIE BUS 452.6750#2 MICGAN
BUFFALO ERIE BUS 452.8750#3 BDWAY
BUFFALO ERIE BUS 453.8250N.F.T.
BUFFALO ERIE D.O.T. 453.60001 KTO-352
BUFFALO ERIE D.O.T. 453.65001 KLD-671
BUFFALO ERIE FIRE 33.9600COUNTY
BUFFALO ERIE FIRE 45.8800INTNTY.
BUFFALO ERIE FIRE 46.3800MUTUAL AID KEE-408
BUFFALO ERIE FIRE 153.83003 KEC-890
BUFFALO ERIE FIRE 153.89002 KEC-890
BUFFALO ERIE FIRE 154.19001 KEC-890
BUFFALO ERIE FIRE 453.8500COUNTY
BUFFALO ERIE HEALTH 453.1500COUNTY KBBUFFALO
ERIE MEDIA 1 ERIE MEDIA 161.6700 ERIE
MEDIA 161.7000WGRZ-TV BUFFALOO ERIE MEDIA 161.7300WYSL
KR-7784

BUFFALO ERIE MEDIA 161.7600WKBW-TV KEK-393
BUFFALO ERIE MEDIA 173.3250BUF. NEWS KEI-405

BUFFALO ERIE MEDIA 450.0500WBEN RADIO
BUFFALO ERIE MEDIA 450.0875WEBR KQA-988
BUFFALO ERIE MEDIA 450.6500WIVB-TV KR-4772
BUFFALO ERIE MEDIA 450.8500WGR RADIO
BUFFALO E MEDIA 453.0000COURIER EX KLR-588
BUFFALO ERIE MEDIA 455.45Z-TV KQB-679

BUFFALO ERIE MEDIA 462.0250CABLESCOPE
BUFFALO ERIE MEDIA 462.0750WKBW-TV WDA-746
BUFFALO ERIE MEDIA 467.0750WKBW-TV KG-2255
BUFFALO ERIE NUT HOUSE 47.5000 KJS-795
BUFFALO ERIE PARKS 453.7000
BUFFALO ERIE POLICE 155.37001 KEB-501
BUFFALO ERIE POLICE 155.7300SHERIFF KFP-618
BUFFALO ERIE POLICE 155.9700SHERIFF WDT-329
BUFFALO ERIE POLICE 460.02505 KSO-552
BUFFALO ERIE POLICE 460.1500SHERIFF WYG-201
BUFFALO ERIE POLICE 460.25008 KSO-552
BUFFALO ERIE POLICE 460.2750SHERIFF WDT-435
BUFFALO ERIE POLICE 460.32501 KSO-552
BUFFALO ERIE POLICE 460.35002 KSO-552
BUFFALO ERIE POLICE 460.42503 KSO-552
BUFFALO ERIE POLICE 460.4500SHERIFF KKM-231
BUFFALO ERIE POLICE 460.47504 KSO-552
BUFFALO ERIE ROADS 452.5250AAA
BUFFALO ERIE SCHOOLS 453.65001 KLD-671
BUFFALO ERIE SECURITY 154.6000DAEMEN
BUFFALO ERIE SECURITY 453.0500U.B. BUFF3500BUFF STBUFFALO
ERIE SECURITY 453.7250BUFF STATE
BUFFALO ERIE SECURITY 453.8250AIRPORT KUU-314
BUFFALO ERIE SECURITY 461.6750CANISIUS
BUFFALO ERIE SECURITY 463.7750E.C.C.
BU ERIE SEWER 453.1500 KLL-662
BUFFALO ERIE STREETSS 453.75001
BUFFALO ERIE UTILITY 37.8600N.FUEL
BUFFALO ERIE UTILITY 47.7600N.FUEL
BUFFALO ERIE UTILITY 47.8200N.MOWHAWK
BUFFALO ERIE UTILITY 47.8400N.MOWHAWK
BUFFALO ERIE UTILITY 47.9600N.MOWHAWK
BUFFALO ERIE UTILITY 48.1400N.FUEL
BUFFALO ERIE UTILITY 451.10003 N.MOWHAWK
BUFFALO ERIE UTILITY 451.15001 N.MOWHAWK
BUFFALO ERIE UTILITY 451.37502 N.MOWHAWK
BUFFALO ERIE UTILITY 451.4000 N.Y.TEL
BUFFALO ERIE UTILITY 456.4000N.Y.TEL
CATO CAYUGA SHERIFF 39.0200B CATO
CAYUGA SHERIFF 39.1000A
CATTARAGUS CATTARAGUSPOLICE 39.1400SHERIFF KEB-395
CAWAGA ERIE FIRE 45.88002 WAGA ERIE GOVT WAGA
ERIE POLICE 154.9500 CHEEKTOWAGA ERIE POLICE

155.695
CHEEKTOWAGA ERIE POLICE 159.0900 KEB-595

COLDEN ERIE POLICE 460.4000SHERIFF KRJ-704
COLDEN ERIE STREETS 453.1000CNTY PLOWS SOUTH
COLDEN ERIE STREETS 453.2000CNTY PLOWS NORTH
DEPEW ERIE POLICE 155.65501 KCJ-969
EAST AURORA ERIE FIRE 46.24001 KEE-418
EAST AURORA ERIE POLICE 155.62502 KEA-509
EAST AURORA ERIE POLICE 155.64001 KEA-509
FREDONIA CHAUTAUQUAFIRE 46.10001 KEC-505
FREDONIA CHAUTAUQUAFIRE 46.14002 KEC-505
FREDONIA CHAUTAUQUAPOLICE 154.78501 KED-657
FREDONIA CHAUTAUQUAPOLICE 154.81502 KED-657
FREDONIA CHAUTAUQUAPOLICE 155.65503 KED-657
FREDONIA CHAUTAUQUAPOLICE 156.21004 KED-657
FULTON OSWEGO FIRE 46.10001 KTE-593
FULTON OSWEGO GOVT 153.80001 KZR-55
FULTON OSWEGO GOVT 158.83502 KEH-762
FULTON OSWEGO POLICE 155.49001 KEA-660
GENEVA ONTARIO FIRE 46.42001 WYR 604
GENEVA ONTARIO POLICE 154.81501 KEB 263
GRAND ISLAND ERIE FIRE 46.42001 KNAO-434
GRAND ISLAND ERIE GOVT 155.94001 KCR-281
HAMBURG ERIE FIRE 46.2000COUNTY
HAMBURG ERIE GOVT 154.02501 KFD-668
HAMBURG ERIE GOVT 155.05501 KRC-658
HAMBURG ERIE POLICE 155.58003 KEB-483
HAMBURG ERIE POLICE 155.61002 KEF-318
HAMBURG ERIE POLICE 155.79003 KEF-318
HAMBURG ERIE POLICE 155.9700MOBILE KJ-2183
HAMBURG ERIE POLICE 159.03004 KEF-318
H ERIE POLICE 460..0750SHERIFF KQS-727
IRACENCY STATE POLICE 155.3700INTERSYSTM
ITHACA STATE POLICE 154.9500TROOP C KED-896
ITHACA STATE POLICE 155.6550TROOP C KED-896
JAMESTOWN CHAUTAUQUAMEDIA 161.7000TREND BRDC KEH-384
JAMESTOWN CHAUTAUQUAPOLICE 39.1800
JAMESTOWN CHAUTAUQUAPOLICE 155.6550SHERIFF KOL-875
JAMESTOWN CHAUTAUQUAPOLICE 156.2100SHERIFF KOL-875
KENMORE ERIE POLICE 460.10002 KED-667
KENMORE ERIE POLICE 460.22503 KED-667
KENMORE ERIE POLICE 460.50001 KED-667
LACKAWANNA ERIE FIRE 154.43001 KET-614
LACKAWANNA ERIE POLICE 460.15001 KT-9214
LETCHWORTH LIVINGSTONPOLICE 44.9200PARKS
LOCKPORT NIAGARA FIRE 46.44001 KDJ-441
LOCKPORT NIAGARA POLICE 39.50001
LYONS WAYNE POLICE 154.7250SHERIFF KEC 876
MASSENA STATE POLICE 154.8150TROOP D KCT- 46.08001

KEJ-844
N.TON58
N.TONAWANDA NIAGARA GOVT 453.9000
N.TONAWANDA NIAGARA POLICE 460.17501 KTG-5557
NEW HAVEN CONNECUIT MEDIA 161.6400CAP CITIES KX-8031
NEW HAVEN CONNECUIT MEDIA 450.4500CAP CITIES KY-7829
NEW PALTZ STATE POLICE 154.7250 KTK-695
NEW YORK STATE POLICE 154.6500OLD TWAY KTR-624
NEW YORK STATE POLICE 154.66502 KDB-609
NEW YORK STATE POLICE 154.6950ALT BASE KTR-624
NEW YORK STATE POLICE 154.93504 KED-904
NEW YORK STATE POLICE 155.4750STATEWIDE KED-904
NEW YORK STATE POLICE 155.50505 KTR-624
NEW YORK STATE POLICE 155.53501 KED-904
NEW YORK STATE POLICE 155.56503 KTR-624
NEW YORK STATE POLICE 155.6500OLD TWAY KDB-609
NEW YORK STATE POLICE 155.6850BEAVER IS. KNAI-215
NEW YORK STATE POLICE 159.1500STATEWIDE KA-6004
NEW YORK STATE POLICE 453.4000GRAFTON KRP-98
NEW YORK STATE THRUWAY 453.42501 KRX-385
NEW YORK STATE THRUWAY 453.52502 KRX-385
NIAGARA NIAGARA FIRE 46.06001 KQP-695
NIAGARA NIAGARA FIRE 46.22002 KQP-695
NIAGARA NIAGARA POLICE 154.7550SHERIFF KEE-733
NIAGARA NIAGARA STREETS 45.7200COUNTY
NIAGARA FALLS NIAGARA CON CNTR. 453.22501 KRL-817
NIAGARA FALLS NIAGARA FIRE 460.52502 KEB-637
NIAGARA FALLS NIAGARA FIRE 460.57501 KEB-637
NIAGARA FALLS NIAGARA GOVT 155.82001 KEI-606
NIAGARA FALLS NIAGARA GOVT 158.76001 KEJ-587
NIAGARA FALLS NIAGARA GOVT 453.22501 KRL-617
NIAGARA FALLS NIAGARA POLICE 460.12502 KEB-331
NIAGARA FALLS NIAGARA POLICE 460.37501 KEB-331
OGDENSBURG JEFFERSON FIRE 46.06001 KEL-401
OGDENSBURG JEFFERSON POLICE 155.55001 KEB-363
OLEAN CATTARAGUSFIRE 33.68001 KDP-389
OLEAN CATTARAGUSFIRE 33.74002 KDP-390
ONEIDA ONEIDA FIRE 153.83001 WXP-566
ONEIDA ONEIDA POLICE 155.13001 KEB-445
ONTARIO CANADA POLICE 151.1750N.FALLS
ONTARIO CANADA POLICE 151.20303
ONTARIO CANADA POLICE 151.26502
ORCHARD PARK ERIE FIRE 45.88002 KEE-408
ORCHARD PARK ERIE FIRE 154.14501 KZK-257
ORCHARD PARK ERIE FIRE 154.1900 KEE-408
ORCHARD PARK ERIE POLICE 155.19001 KEC-618
ORCHARD PARK ERIE POLICE 155.85002 KEC-618
OSWEGO OSWEGO FIRE 155.28001 KW-7319
OSWEGO OSWEGO GOVT 154.0400 KGR-321
OSWEGO OSWEGO POLICE 155.1300 KED-525

OSWEGO OSWEGO POLICE 155.25002 KEA-271
PENNSYLVANIA STATE POLICE 154.7550TIOGA COUNTY
PENNSYLVANIA STATE POLICE 155.5500ERIE
PLATTSBURG STATE POLICE 154.9050TROOP D
PLATTSBURG STATE POLICE 155.5950TROOP D
PROVIDENCE RHODE IS MEDIA 455.1875CAP CITIES KEH-607
PROVIDENCE RHODE IS MEDIA 455.8000CAP CITIES KC-5502
ROCHESTER MONROE FIRE 46.10005 KEB-243
ROCHESTER MONROE FIRE 154.13001 KEB-243
ROCHESTER MONROE FIRE 154.1450COUNTY KGR-242
ROCHESTER MONROE FIRE 154.17502 KEB-243
ROCHESTER MONROE FIRE 154.25003 KEB-243
ROCHESTER MONROE FIRE 154.31006 KEB-243
ROCHESTER MONROE FIRE 154.34007 KEB-243
ROCHESTER MONROE FIRE 154.38504 KEB-243
ROCHESTER MONROE MEDIA 161.7000FLR CITYTV KK-4053
ROCHESTER MONROE MEDIA 173.2250GANNET KDU-921
ROCHESTER MONROE MEDIA 173.2750GANNET KNAE-829
ROCHESTER MONROE MEDIA 450.0500WUHF KYY-293
ROCHESTER MONROE MEDIA 453.0000GANNET WDC-520
ROCHESTER MONROE MEDIA 455.0500WBBF KW-8633
ROCHESTER MONROE MEDIA 455.8000LINCOLN BR WZZ-773
ROCHESTER STATE POLICE 154.9050TROOP E KED-913
ROCHESTER STATE POLICE 155.4450TROOP E KED-913
ROCHESTER STATE POLICE 155.6250TROOP E KED-913
ROCHESTER MONROE POLICE 155.9100SHERIFF WOA-92
ROCHESTER MONROE POLICE 155.9700SHERIFF WOA-88
ROCHESTER MONROE POLICE 156.0300SHERIFF WOA-88
ROCHESTER MONROE POLICE 156.0900SHERIFF WOA-88
ROCHESTER MONROE POLICE 156.1500SHERIFF WOA-88
ROCHESTER MONROE POLICE 156.2100SHERIFF WOA-88
ROCHESTER MONROE POLICE 158.7300SHERIFF KUJ-753
ROCHESTER MONROE POLICE 159.0900SHERIFF KUJ-753
ROCHESTER MONROE POLICE 453.4000SHERIFF KEA-898
ROCHESTER MONROE POLICE 460.0250SHERIFF KUJ-753
ROCHESTER MONROE POLICE 460.0750SHERIFF KUJ-753
ROCHESTER MONROE POLICE 460.1250SHERIFF KUJ-753
ROCHESTER MONROE POLICE 460.2250SHERIFF KUJ-754
ROCHESTER MONROE POLICE 460.3250SHERIFF KUJ-753
ROCHESTER MONROE POLICE 460.3500SHERIFF KUJ-759
ROCHESTER MONROE POLICE 460.4250SHERIFF KUJ-753
ROCHESTER MONROE POLICE 460.4500SHERIFF KUJ-753
ROCHESTER MONROE POLICE 460.5000SHERIFF KUJ-753
SYRACUSE ONONDAGA FIRE 46.1400COUNTY KRL-344
SYRACUSE ONONDAGA FIRE 46.2200COUNTY KSQ-731
SYRACUSE ONONDAGA FIRE 46.4600COUNTY KRL-346
SYRACUSE ONONDAGA FIRE 153.95001 KEA-331
SYRACUSE ONONDAGA FIRE 154.19002 KH-5321
SYRACUSE ONONDAGA FIRE 154.41503 KH-5321
SYRACUSE ONONDAGA FIRE 453.2000COUNTY KTB-287

SYRACUSE ONONDAGA MEDIA 161.6700WCNY-TV KR-7784
SYRACUSE ONONDAGA MEDIA 450.0500WIXT-TV KC-5524
SYRACUSE ONONDAGA MEDIA 450.2500WTVH-TV KZH-830
SYRACUSE ONONDAGA MEDIA 450.3500WSYR-TV KEH-598
SYRACUSE ONONDAGA MEDIA 450.4500WTVH-TV KZH-831
SYRACUSE ONONDAGA MEDIA 450.5500WSYR-TV WQA-941
SYRACUSE ONONDAGA MEDIA 450.6500WCNY-TV KA74819
SYRACUSE ONONDAGA POLICE 154.7400SHERIFF KDV-658
SYRACUSE ONONDAGA POLICE 154.8600SHERIFF KDV-660
SYRACUSE ONONDAGA POLICE 155.4150SHERIFF KDV-658
SYRACUSE ONONDAGA POLICE 155.5650SHERIFF KDV-660
SYRACUSE ONONDAGA POLICE 155.6400SHERIFF KDV-658
SYRACUPOLICE 460.25002 SYRACUSE ONONDAGA POLICE
460.35004 WXK-617
SYRACUSE ONONDAGA POLICE 460.37505 WXK-617
SYRACUSE ONONDAGA POLICE 460.42506 WXK-617
SYRACUSE ONONDAGA POLICE 460.47507 WXK-617
TONAWANDA ERIE FIRE 46.34002 KEG-736
TONAWANDA ERIE FIRE 46.4200CITY KNAO-433
TONAWANDA ERIE FIRE 46.46001 KEG-736
TONAWANDA ERIE GOVT 154.9650CITY KYC-202
TONAWANDA ERIE GOVT 158.8350CITY KA-78252
TONAWANDA ERIE POLICE 460.10001 KRW-300
TONAWANDA ERIE POLICE 460.2250CITY KEA-525
TONAWANDA ERIE STREETS 453.3250
TORONTO CANADA WEATHER 161.6500
U.S. GOVT BANKS 413.9250FD RESERVE
U.S. GOVT BORDER 162.82501
U.S. GOVT BORDER 162.92502
U.S. GOVT BORDER 163.62503
U.S. GOVT CUSTOMS 165.2375
U.S. GOVT FBI 163.97505 REPEATER
U.S. GOVT FBI 167.22501
U.S. GOVT FBI 167.2375
U.S. GOVT FBI 167.28753
U.S. GOVT FBI T FB KEE-222
WATERTOW KFERSON POLICE 155.01002 KEWATERTOWN
STATE POLICE 155.5200TROOP D KED-888
WATERTOWN JEFFERSON POLICE 155.91002 KEC-896
WATERTOWN JEFFERSON POLICE 155.97003 KEA-223
WINFIELD
WOLCOTT WAYNE FIR
WYOMING WYOMING 46.18001 WYOMING WYOMING
POLICE 155.0100SHERIFF

WYOMING WYOMING POLICE 453.3500SHERIFF

2258. AR2800 mod

Newsgroup: rec.radio.scanner
Date: 1994-04-03 05:15:07 UTC
From: dilligaf@netcom.com
Message-ID: <dilligafCno3x8.Gx8@netcom.com>
Source record: 275916

I saw the mod to restore the AR1000 missing freqs (600-800MHz) and was wondering if there was a similar mod for the AR2800 (since they use the same processor, etc.).

th

2259. Pro-34 scanner for sale

Newsgroup: rec.radio.scanner
Date: 1994-04-03 05:18:12 UTC
From: parv@kimbark.uchicago.edu
Message-ID: <1994Apr3.051812.24208@midway.uchicago.edu>
Source record: 275826

After being on the other end of the microphone, my interest in listening has diminished to the point where I don't use these any more.

Realistic Pro-34 Scanner for sale

Handheld older model, but still better than most out there. 800 MHz capability. 200 channel capacity. $160.

I will toss in the car power adaptor, car antenna, and my scanner books with this. (If anyone is interested in purchasing these separately, make an offer.)

I also have a cardioid mike and sound level meter (not SWR meter) for sale.

If you don't think the price is reasonable, make a counter-offer.

2260. WANTED: Comments on Oakland FTP site

Newsgroup: rec.radio.scanner
Date: 1994-04-03 06:31:14 UTC
From: wy1z@netcom.com
Message-ID: <wy1zCno7G2.EEE@netcom.com>
Source record: 275917
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

Since the Boston ARC archives (oak.oakland.edu:/pub/hamradio) have been
available for some time now, and many of you have acquired many programs
from it, I would now like to ask for your comments.

Please comment on:

* What you like about what the site has to offer

* What you do not like about what the site has to offer

* What changes you would like to see

* What you would like to see added/subtracted from it

* Any other specifics

Please send your comments directly to me, as I will not be reading news
much for the next few months.

Thank you very much.

Scott

--

==
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na
Maintainer of the Boston Amateur Radio Club hamradio FTP area on
oak.oakland.edu:/pub/hamradio
==

2261. Re: airport freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-03 11:27:55 UTC
From: pas@cc.gatech.edu
Message-ID: <1994Apr3.112755.5605@cc.gatech.edu>
Source record: 275918

In article <2n7kp9$em1@hpscit.sc.hp.com>,
Jerry Simon (SE) <jerrys@a4430ux.esr.hp.com> wrote:
>If anyone has freqs for the following airports would you please send them to me, either
>thru this news group or directly.
>
>Chicago O'Hare

Tower 126.9 (north) 120.75 (south) 126.2
Ground 121.75 (outbound) 121.9 (inbound)
Approach 119.0 (east) 125.7 (west) 121.15 124.35 128.45
Clearance delivery 121.6 119.25
Departure 125.0 (nnw, n, e, se) 127.4 (sse, s, sw)
125.4 (wsw, w, nw)
ATIS 135.4, or call (312) 686-2108

+---+
____ _ | Paulo Santos Email: pas@cc.gatech.edu |
|____o,___/ ____| College of Computing |
([_________-\' | Georgia Tech Voice: +1 404 853-9393 |
| o' | Atlanta GA 30332-0280, U.S.A. Fax: +1 404 853-0673 |
+---+

2262. Re: Presidental Security

Newsgroup: rec.radio.scanner
Date: 1994-04-03 16:07:47 UTC
From: macy@telemax.com
Message-ID: <Cnoy50.M87@telemax.com>
Source record: 275919

In article <2nl7se$roq@umcc.umcc.umich.edu> lbutler@umcc.umcc.umich.edu (Les Butler) writes:
>
>With the multi-million dollar secure communications system aboard the Air
>Force 747 that carries the President, Don't expect him to travel in
>another plane.

Actually, Clinton has used another smaller aircraft for some short trips, ostensibly to avoid the high cost of operating the 747 for short jaunts. I have no idea how the smaller aircraft is equuipped.

It's only Air-Force-1 when he is onboard, when he isn't
>it's not called air force one.

Thats true, but only if he is on an aircraft under AF control. When he's in the shuttle helicopter used for White House trips to Andrews, Camp David and such, it's known as Marine One.

I know that there are designations assigned by the military and FAA for aircraft operated by other services for presidential transport as well. Clinton has been in Navy aircraft as well in the recent past.

What I do not know is what the arrangements are for civilian aircraft. No doubt someone else does. I also know the White House Telecommunications Agency and the military have portable comm gear used for these trips.

Now, if Clinton rode Amtrack, what would the desination be?

--
Macy M. Hallock, Jr. N8OBG +1.216.723.3030 macy@telemax.com macy@fms.com
Telemax, Inc. - F M Systems, Inc. 152 Highland Drive Medina, OH 44256 USA

2263. Re: BC200XLT car adapter question

Newsgroup: rec.radio.scanner
Date: 1994-04-03 17:08:53 UTC
From: gmcc@delphi.com
Message-ID: <9404031302591.gmcc.DLITE@delphi.com>
Source record: 275920

>I can vouch for the fact that reversing the polarity from the cig lighter
>will fry the 200xlt. I blew up my first one about 30 mintutes after I

>| Bob Hruska DoD #1982 | email: hruska@toybox.raleigh.nc.us

I will simply Never understand why manufacturers of *everything* with
an external power input don't spend and extra spec of a penney, and
put a blamed diode in there to prevent reverse polarity from reaching
the electronics! So you'd lose .6V, with most things (especially
things that run from car circuits), it wouldn't matter.

Have (a) nice day(s)	George McCashin
	Chattanooga, TN
GMCC@DELPHI.COM	USA

2264. >>> Crystals Wanted <<<

Newsgroup: rec.radio.scanner
Date: 1994-04-03 20:54:01 UTC
From: robb873302@aol.com
Message-ID: <2nnad9$gel@search01.news.aol.com>
Source record: 275921

Hi!

I'm looking for crystals for a couple of older scanners I've got laying around:

Bearcat
460.050
460.150
460.525
460.575

Realistic/Regency
460.050
460.150
460.525

I'm also interested in trading computer stuff (including memory) and other misc. equipment for scanners, ham radio, SSB CB equipment, etc.

Please Email to: RobB873302@aol.com

THANKS! - Rob

2265. RS 2006 best buy?

Newsgroup: rec.radio.scanner
Date: 1994-04-03 23:38:27 UTC
From: pthompson@walnut.prs.k12.nj.us
Message-ID: <1994Apr03.193827.829019@walnut.prs.k12.nj.us>
Source record: 275922

OK- I've been reading hear for the last few months to see just what would be the best scanner to upgrade to from my Bearcat 760 with CTCSS tone board. It sounds like the RS Pro 2006 is a very good scanner at a good price, that should perform well in an urban area with lots of transmitters nearby. I plan to add both a computer interface, and one of the PL/DPL decoders/displays.

Am I reading the comments here correctly? Should I run out and buy one before they dissapear? And particularly- if I get a Pro 2006, will it be the "classic" model with the various modification possibilities, or is RS going to use the same model number with a revised board/firmware?

I've been shopping at Radio Shack for years, but my experience with various RF items hsan't given me the best faith in their products. I'm willing to try again though. Who actually makes the innards of this scanner for RS?

==========
Peter C. Thompson Phone: 609-683-4480
District Technical Coordinator Fax: 609-683-8622
Princeton Regional Schools pct@walnut.prs.k12.nj.us

2266. suggestions for combo ham/scanner xcvr?

Newsgroup: rec.radio.scanner
Date: 1994-04-03 23:47:57 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Apr3.234757.18960@alw.nih.gov>
Source record: 275923

I'm working toward my no-code tech license and wanted to know if anyone had suggestions for good general coverage scanner/2M handheld, I'd appreciate it. A number of units have been mentioned, but I'm curious what people think of them as scanners. I'd love my Pro-43 with a transmitter tacked on :-).

Also, although I'm not interested in cellular scanning, I do listen to 800MHz trunked systems so if any models are going to be particularly destroyed after the 26th cutoff date, I'd appreciate the info (and won't wait to make my purchase).

Regards,
Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2267. Re: Pro43 DC adaptor

Newsgroup: rec.radio.scanner
Date: 1994-04-03 23:52:07 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Apr3.235207.19051@alw.nih.gov>
Source record: 275924

Michael A. Hotz (mahjmac@netcom.com) wrote:
: It is my understanding that you will see a higher voltage than rated when
: you test the output with no load. The amount of amperage a power supply
: can provide is also important in determining the proper one to use.

: If you have a device that is designed to use a 9 volt supply with a
: 500 milliamp capacity, and instead you use a 9 volt supply with a
: 1000 milliap (1 amp) capacity, you risk damage to the device.

This, of course, won't be true of a *regulated* power supply.

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2268. Michigan Straights Area Freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-04 00:41:48 UTC
From: ej944@cleveland.Freenet.Edu
Message-ID: <2nnnoc$j61@usenet.INS.CWRU.Edu>
Source record: 275825

From: ac773@leo.nmc.edu (Dennis Havlena)
Via: KB8GC internet ac231@leo.nmc.edu
Subject: Straits area scanner frequencies de W8UR ....
Date: Sun Apr 3 18:38:21 1994

LIST OF STRAITS AREA SCANNER FREQUENCIES - COMPILED BY W8UR

Updated 8/24/93

Please let me know of any corrections/changes. Thanks!

28.218 W8UR MACKINAC CW BEACON
28.246 N8KHE MACKINAC CW BEACON
29.600 NATIONAL 10 MTR FM SIMPLEX FQ
33.100 MACKINAC COUNTY ROAD COMM.
35.020 McDONALD's ORDER WINDOW
37.580 R.E.A. POWER COMPANY
39.140 CHEBOYGAN CITY POLICE.
39.180 EMMET CO. FIRE/AMB PAGE
39.380 CHEBOYGAN CITY POLICE
39.480 CHEBOYGAN CENTRAL (CO POL ETC)
39.500 CHEB. GOVT. - LITTLE USED
39.500 E. JORDAN FIRE/CHARL. COUNTY
39.560 EMMET COUNTY SHERIFF
39.680 EMMET COUNTY SHERIFF
39.740 CHARLEVOIX CITY POLICE
39.815 "TRI-COUNTY" POLICE
39.820 MAC. CITY POL. (CHEB CENTRAL)
41.800 CAMP GRAYLING
41.900 CAMP GRAYLING
42.000 CAMP GRAYLING
42.480 BIG-ROCK NUCLEAR - POLICE
42.480 STATE POLICE CHEBOYGAN
42.560 STATE POLICE
42.580 STATE POLICE - POST TO CAR
42.680 STATE POLICE
42.740 STATE POLICE - CAR TO POST
43.760 CHARLEVOIX COUNTY TRANSIT
44.640 DNR - U.P.
44.720 DNR - LOWER PENINSULA
45.240 GAYLORD PAGE
45.520 SOO PAGE
45.640 SOO & NEWBERRY PAGE
46.520 MPSC WEIGHTMASTER
46.560 MPSC WEIGHTMASTER

46.580 DNR
46.610 46.630 46.670 46.710 46.730
46.770 46.830 46.870 46.930
46.970 - CORDLESS TELEPHONE
BASE FREQUENCIES
47.140 STATE HIGHWAY DEPT.
47.220 STATE HIGHWAY DEPT.
47.260 STATE HIGHWAY DEPT.
48.180 EDISON SOO ELECTRIC
48.920 MEAD CORP. - TROUT LAKE
49.830 "BABY-MONITOR" FREQ.
49.860 TOY FM WALKIE-TALKIES
50.0775 W8UR 6-MTR CW BEACON.MACKINAC
50.100 SIX MTR HAM SSB CALLING FREQ.
52.525 SIX MTR HAM FM SIMPLEX FREQ.
121.500 AIRCRAFT "ELT" EMERGENCY FREQ.
122.750 AIRCRAFT TO AIRCRAFT
122.800 AIRCRAFT - UNICOM FREQ.
122.900 AIRCRAFT - UNICOM FREQ.
123.000 PELLSTON AIRPT. COMMUNICATIONS
123.050 HELICOPTER FREQUENCY
123.100 AIRCRAFT SEARCH & RESCUE
123.456 AIRCRAFT TO AIRCRAFT
124.200 CHERRY CAPITAL AIRPORT
128.325 MACK ISL. AUTOMATED WEATHER
133.850 MINNEAPOLIS CENTER - AIR TRAF-
FIC CONTROL FOR AIRCRAFT ABOVE
18,000 FEET. REBROADCAST
FROM PELLSTON AIRPORT.
134.600 MINNEAPOLIS CENTER - AIR TRAF-
FIC CONTROL FOR AIRCRAFT BELOW
18,000 FEET. REBROADCAST
FROM PELLSTON AIRPORT.
144.200 2 METER HAM SSB CALLING FREQ.
145.010 MAIN 2 METER HAM PACKET FREQ.
145.090 SECONDARY HAM PACKET FREQ.
(IT'S FAR BETTER TO USE
145.01 IN NORTHERN MICHIGAN)
145.290 VANDERBILT LINK TO DOWNSTATE
145.550 2 METER RUSSIAN SPACE STATION
HAM FREQ. - FM VOICE & PACKET
(US SPACE-SHUTTLE HAM OPER-
ATORS ALSO USE THIS FREQ.)
145.825 2 METER "DOVE" SATELLITE FREQ.
146.520 METER HAM SIMPLEX FREQ.
146.610 NEWBERRY HAM REPEATER
146.640 PICKFORD HAM REPEATER
146.680 PELLSTON HAM REPEATER
146.760 ALPENA HAM REPEATER
146.820 GAYLORD HAM REPEATER

146.860 TRAVERSE CITY HAM REPEATER
146.880 ST. JOSEPH ISLAND HAM REPEATER
146.940 SOO CANADA HAM REPEATER
147.020 ROGERS CITY HAM REPEATER
147.060 SOO, ONT.HAM RPTR (-600 INPUT)
147.080 HOUGHTON LAKE HAM REPEATER
147.120 GAYLORD HAM REPEATER
147.160 CADILLAC/GR. RAPIDS LINK RPTR.
147.280 BOYNE CITY HAM REPEATER
148.150 CIVIL AIR PATROL
149.925 CIVIL AIR PATROL REPEATER
150.995 EMMET COUNTY ROAD COMMISSION
151.040 CHEBOYGAN CO. ROAD COMMISSION
151.115 HIGHWAY DEPT. REPEATER
151.175 MACKINAC ISLAND STATE PK COMM
151.625 GENERAL UTILITY BUSINESS FREQ.
151.625 MISSION PT RESORT - MAC. ISL.
151.655 MACKINAC ISLAND DRAY LINE
151.745 CHEBOYGAN GARBAGE TRUCKS
151.865 ARNOLD TRANSPORTATION CO.
151.905 U.P. DRUG SWAT TEAM
152.030 BELL CAR FQs.
152.210 BELL CAR FQs.
152.300 MACKINAC ISLAND CARRIAGE TOURS
152.420 CHEBOYGAN TAXI SERVICE
152.450 MACKINAC ISLAND TAXI SERVICE
152.510 BELL CAR FQs.
152.810 BELL CAR FQs.
153.630 BELL CAR FQs.
153.650 BELL CAR FQs.
154.025 KINROSS PRISON(& ALL MI PRSNS)
154.040 CLARK TWSP.
154.055 MACKINAC COUNTY EMERGENCY ETC.
154.100 BEAVER ISLAND POL, FIRE, AMB
154.100 GARFIELD TWSP.
154.115 EASTERN U.P. TRANSIT AUTHORITY
154.205 CHARLEVOIX FIRE DEPT.
154.295 MUTUAL FIRE FREQUENCY
154.310 CHEBOYGAN CO FIRE/AMB PAGE
154.400 EMMET COUNTY FIRE
154.445 BOYNE CITY FIRE DEPT.
154.515 BOYNE MOUNTAIN
154.540 GRAND HOTEL SECURITY
154.570 GENERAL UTILITY BUSINESS FREQ.
154.600 GENERAL UTILITY BUSINESS FREQ.
154.650 CHARLEVOIX CITY POLICE
154.725 DRUMMOND ISLAND POLICE ETC.
154.950 BAY MILLS INDIAN RESERVATION
154.965 EMMET COUNTY
155.025 MACKINAC ISL. POLICE/FIRE/AMB.

155.100 BOYNE CITY POLICE
155.115 MACKINAW CITY ROAD DEPARTMENT
155.130 BAY MILLS INDIAN RESERVATION
155.145 CHARLEVOIX DPW
155.160 LUCE COUNTY
155.220 PETOSKEY FIRE
155.280 STATEWIDE DISASTER FREQ.
155.310 CHIPPEWA COUNTY SHERIFF
155.325 AMBULANCE - CHEBOYGAN
155.340 AMBULANCE - ST. IGNACE
155.370 POLICE INTER-SYSTEM
155.415 CHIPPEWA COUNTY SHERIFF
155.490 MACKINAC COUNTY SHERIFF
155.535 CHAR CNTY SHER (E.JOR & CHAR)
155.535 CHIPPEWA COUNTY ROAD COMM.
155.565 CHAR. COUNTY SHERIFF (CHAR.)
155.760 CHEBOYGAN CITY ROADS
155.770 TRAVERSE CITY FIRE DEPT.
155.775 CHIPPEWA COUNTY
155.805 CHARLEVOIX FIRE/POLICE
155.820 LK SUPERIOR STATE UNIVERSITY
155.855 MACKINAC ISLAND POLICE, FIRE
& AMB "FREQUENCY #2"
155.865 NATIONAL DISASTER FREQ.
155.910 MACKINAC COUNTY SHERIFF
155.940 CHAR. COUNTY SHERIFF (E. JORD)
155.955 EASTERN U.P. TRANSIT AUTHORITY
156.300 FREIGHTER TO FREIGHTER
156.425 YACHT TO YACHT
156.450 MACKINAW CITY MARINA
156.600 SOO LOCKS
156.800 CH 16 MARINE CALLING/EMERGENCY
157.O5O CH 21 COAST GUARD WORKING FQ.
157.100 CH 22 COAST GUARD MAIN CHANNEL
157.150 CH 23 COAST GUARD WORKING FQ.
157.770 PUBLIC RADIO
157.890 PUBLIC RADIO
158.190 MICHCON
158.295 CHAMPION TIMBERLANDS
158.355 MARATHON BULK GAS PLANT
159.165 CHARL. COUNTY ROAD COMMISSION
159.360 DNR REPEATER (STATEWIDE)
159.405 DNR
160.620 SOO RAILROAD - SPECIAL AGENT
161.370 SOO RAILROAD CH 1
161.520 SOO RAILROAD CH 2
161.640 WCBY CHEBOYGAN
162.400 T.C. & SOO, ONT 24 HR WEATHER
162.550 SOO, MI & ALPENA 24 HR WEATHER
163.625 SOO, MI BORDER PATROL

163.675 SOO, MI BORDER PATROL
163.925 FBI REPEATER - MACKINAC BRIDGE
164.825 HIAWATHA NAT. FOREST REPEATER
166.260 WWUP GOETZVILLE REMOTE
243.000 MILITARY AIR EMERGENCY FREQ.
259.700 SPACE SHUTTLE AIR TO GROUND
279.000 SHUTTLE SUIT-SUIT & SUIT/ORB.
296.000 SHUTTLE MAIN DOWNLINK
296.800 SHUTTLE TO GND & ORB TO SUIT
396.000 SHUTTLE EXPERIMENTS
452.050 TOP-O-MICHIGAN ELECTRIC
453.550 CHARL. TWSP FIRE DEPT.
453.950 MACKINAC BRIDGE AUTHORITY
456.350 MACKINAW/CHEBOYGAN AREA FIRE
FREQ -- CONSTANT CARRIER
456.400 UHF INTERLINK - CHEB./MACKINAW
CITY on MAC CY WATER-TOWER
458.550 CHARL. TWSP FIRE DEPT.
461.025 SHEPLER - MACKINAC ISL. FERRY
461.075 SHEPLER - AUXILIARY FREQ.

CHEBOYGAN AREA CELLULAR TELEPHONE FREQs
(ILLEGAL TO LISTEN TO! - S T U P I D LAW!)

"WIRELINE" FREQs:
EVERY 210 Kc FROM 880.710 THRU 889.950
(DIGITAL CONTROL CHANNELS ARE 880.5, 880.29 & 880.08)

"NON-WIRELINE" FREQs:
EVERY 210 Kc FROM 870.030 THRU 879.270
(DIGITAL CONTROL CHANNELS ARE 879.9, 879.69 & 879.48)

73 - WINTER ADDRESS:
W8UR - Dennis Havlena
Box 343
Mackinaw City, MI 49701
(616) 436-5087 home
(616) 436-5563 work

SUMMER ADDRESS:
W8UR - Dennis Havlena
Mackinac Island State Park
Box 370
Mackinac Island, MI 49757
(906) 847-3328

PACKET address:
W8UR @ N8DNX.#NWMI.MI.USA.NA

I am always looking for additional
scanner frequencies. Would appreciate

learning of any that you might have -
not listed here. Thanks! Dennis

PS: TNX TO N8NXO, N8NLQ, WD8OWA, KD8CW, N8NXP, N8OIW, N8DNX, W8BMF, W8QX,
WD8CYB, N8PZY, WB9OTX, WB8MKH, N8NRW & AL7JX FOR THEIR HELP WITH THIS LIST.

N□any corrections/additions via ac231@leo.nmc.edu direct email.
tnx de KB8GC ..._._

2269. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-04-04 01:39:39 UTC
From: donaldc@cyclops.equinox.gen.nz
Message-ID: <765423579.45snx@cyclops.equinox.gen.nz>
Source record: 275833

>In <1994Mar7.174448.15175@spartan.ac.BrockU.CA>, AARON ROSSETTO writes:
>>The title says it all. I want to know the best police/ambulance/fire
>>etc. call or scanner conversation you've ever heard.

The best one I've heard for a while was on the local Fire Service
channel;

"Regional Control from Fire Commander O'Neill"

"Fire Commander O'Neill, go ahead."

"Could you please call my home"

<Pause>

"And ask them to turn off the oven."

--
+ -+
| donaldc@cyclops.equinox.gen.nz (Donald Campbell) |
| Christchurch, New Zealand. 43 28 50's 172 42 20'e |
+ -+

2270. Pro-2006! What does the cell mod do?

Newsgroup: rec.radio.scanner
Date: 1994-04-04 02:34:04 UTC
From: bobwx1@nbnet.nb.ca
Message-ID: <bobwx1.6.0@nbnet.nb.ca>
Source record: 275827

Hi Everyone,

In my copy of the "Canadian Scanner Handbook" I read that by clipping the appropriate diode for Cellular restoration, it restores the "FULL FREQUENCY RANGE". Can anybody tell me if it restores the 25 kHz to 1300 MHz range (since 600 MHz range is blocked out) or only the cellular range. Also I read a posting from a fellow in Nova Scotia a few days back who said the 2006 was on sale for 399.99 (or something). Is this sale still on and if so for how long. Also thanks to all of you who replied to my question about the cell. mod for the Pro-2022. It performed it on my father in law's scanner over the Easter weekend and it worked GREAT!

Bob Robichaud
Dieppe, N.B. Canada

bobwx1@nbnet.nb.ca

2271. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-04-04 03:00:25 UTC
From: ah301@yfn.ysu.edu
Message-ID: <ah301-030494225958@129.228.248.119>
Source record: 275832
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

what is the VOL switch setting used for in the transmitter module ?

2272. Re: suggestions for combo ham/scanner xcvr?

Newsgroup: rec.radio.scanner
Date: 1994-04-04 04:23:39 UTC
From: danm@hebron.connected.com
Message-ID: <2no4ob$8ul@hebron.connected.com>
Source record: 275828

In article <1994Apr3.234757.18960@alw.nih.gov>,
Neil Weisenfeld <weisen@alw.nih.gov> wrote:
>I'm working toward my no-code tech license and wanted to know if anyone had
>suggestions for good general coverage scanner/2M handheld,...

Neil,
I have and recommend an Alinco DJ-580T. It is a dual band (2
meter/ 70 cm) ham handheld that will recieve most typical scanner
frequencies right out of the box and a simple mod will enable listening
to cell phones and other 800 mHz stuff (I don't do it, but...). It has a
toatl of 40 memory channels for ham freqs or scanner listening and search
banks for finding new freqs.
A darn good ahm radio and a decent backup scanner in its own
right. In fact, it is a better scanner than the first 2 or 3 scanners I
owned!

--
==
+ Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ...+
+ Auburn, WA | and whoever is playing against the New York Mets! +
+ GEnie:D.MORISSEAU | INTERNET ADDR: danm@hebron.connected.com +

2273. Need software for ICOM R9000

Newsgroup: rec.radio.scanner
Date: 1994-04-04 04:34:02 UTC
From: sirjeeves@aol.com
Message-ID: <2no5bq$lqp@search01.news.aol.com>
Source record: 275829

Does anybody know where one can get some software for remote control of an ICOM R9000 via a Macintosh? I have already checked with SSI, to no avail.

Thanks in advance,
Mike Baranowski

2274. Re: suggestions for combo ham/scanner xcvr?

Newsgroup: rec.radio.scanner
Date: 1994-04-04 04:50:03 UTC
From: danny@netcom.com
Message-ID: <dannyCnpxFG.FJq@netcom.com>
Source record: 275831

The Icom IC-2SRA would be a good choice. It has wideband receive from 25 to 950 MHz. It looks a bit geeky with two antennas, but it's a decent combo rig. I've since switched to carrying two radios again... the Yupiteru MVT-7100 because of even broader coverage plus better scanning facilities, and the tiny Yaesu FT-11 2m rig.

Danny AE9F/6

2275. Re: Best way to have hrs of recording time?

Newsgroup: rec.radio.scanner
Date: 1994-04-04 05:17:18 UTC
From: gerstl@cs.sunysb.edu
Message-ID: <2no7su$9kr@ysics.physics.sunysb.edu>
Source record: 275830

In article <brett_miller.78.000CB859@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
|> In article <2n64gi$89j@scapa.cs.ualberta.ca> edward@cs.ualberta.ca (Edward Mantey) writes:
|> >I've been listening to past discussions on taping off
|> >a scanner (ie use a voice activated unit etc.) and have
|> >been wondering how to get more recording time. So far
|> >I see few alternatives to using a VCR (gives 6 hrs),
|> >which is obvious overkill (+very slow start-up time).
|>
|> >Any ideas??? Surely there must be commercial units available?
|> >I am trying to avoid buying a modified "standard" recorder as
|> >the quality of recording is likely to be low (or am I wrong?)
|>
|> There are some 10 hour recorders advertised in MT and Plop Comm, but the price
|> scares me away. They are about $100 or more. Once I was playing around in my
|> RS vox recorder and damaged a resister. TO my surprise it slowed down the
|> motor about 30%, so I get more recording time. But, as a warning, I did this
|> once before to a tape recorder, and the motor burned out shortly after (a slow
|> motor draws more current and can be damaged).
|>
|> A vox controlled VCR still seems like the best way (assuming that you have an
|> old one lying around). Switching the pause on and off with a vox circuit,
|> doesn't seem like it would be that slow.
|> I also saw someone post that they have the sound fed into their Soundblaster
|> card and they just store it on disk. At low sample rates, it seems like you
|> could store a lot of info (depending on disk space).
|>
|>
|> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
|> Intel Corp.
|> American Fork, UT

I seem to remember reading that to make one of these $100 tape player, all that you need to do is remove some belt from the inside. I'll see if I can find the reference and post the info.

-dave

--
David S. Gerstl
gerstl@cs.sunysb.edu
[a loose conglomeration of cellular entities united towards a common (if obscure) purpose]

2276. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-04-04 05:54:30 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Apr3.225430.3901@cmkrnl>
Source record: 275836

In article <1994Mar31.152749.3826@fripp.ri.cadre.com>, slitel@cadre.com (Stuart Litel) writes:
> I just went out and pick this gadget up. I will play with it tonight. It
> does say on the box "range of 20 feet" Does anyone who has one been able to get
> more than 20 feet range and did you increase somehow yourself and how.

Mine is happily sending from the tv/vcr setup on the ground floor to the FM receiver in my office on the second floor -- the antenna for which is a simple dipole tacked up in the attic. In stereo, yet. Total distance? I haven't a clue but it's a lot more than 20 feet. The use of a full-blown receiver instead of the cheapie FM radio that comes in the Silent Play set helps a lot here. (But it also necessitates VERY careful tuning of the transmitter, these new-fangled digital FM receivers don't take kindly to signals that are slightly off-channel!)

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

2277. Re: suggestions for combo ham/scanner xcvr?

Newsgroup: rec.radio.scanner
Date: 1994-04-04 06:22:07 UTC
From: tdobbins@aol.com
Message-ID: <2nobmf$ne0@search01.news.aol.com>
Source record: 275835

In article <2no4ob$8ul@hebron.connected.com>, danm@hebron.connected.com (Dan Morisseau) writes:

>> In article <1994Apr3.234757.18960@alw.nih.gov>,
>> Neil Weisenfeld <weisen@alw.nih.gov> wrote:
>> I'm working toward my no-code tech license and wanted to know if anyone
>> had suggestions for good general coverage scanner/2M handheld,...

> Neil,
> I have and recommend an Alinco DJ-580T. It is a dual band (2
> meter/ 70 cm) ham handheld that will recieve most typical scanner
> frequencies right out of the box and a simple mod will enable listening
> to cell phones and other 800 mHz stuff (I don't do it, but...). It has a
> toatl of 40 memory channels for ham freqs or scanner listening

Another good dual band HT with similar features is the Icom IC-W2A. It's a keyboard "mod" for cell freqs. and there's also an internal mod for extending the tx freqs.

> GEnie:D.MORISSEAU

So you've stuck it out there, hey Dan? I find AOL a much better service myself, but I do miss some of the gang in the Radio RT. I still send Larry internet mail from time to time, though.

Tim

--
tim@tbd.oau.org
AOL: TDOBBINS

2278. Re: [Opinion] What about BC100XLT?

Newsgroup: rec.radio.scanner
Date: 1994-04-04 06:40:17 UTC
From: sprouse@n3igw.PGH.PA.US
Message-ID: <97@n3igw.PGH.PA.US>
Source record: 275834

In article <2muma1$rjq@samba.oit.unc.edu> Sherrod.Munday@launchpad.unc.edu (Sherrod Munday) writes:
>
>One side note: since this critter has a removeable battery pack, I finally
>did something i've wanted to for a while: I carved a base mount for it out
>of wood (I didn't have any plastic of the right kind) to mimic the top of
>the battery pack, and put two screws with wires attached where the
>contacts are. Running wires off from there (making sure on the polarity),
>I can now power the CPU part with speaker, external power and antenna, all
>while recharging the pack without the load of the scanner running all the
>time. So when I go out, I grab the radio unit and the now

You have done something that I have been thinking about for some time now except I was trying to figure out how to do it in plastic. I found that I can power my BC-100 / BC-200 from the BP-5 battery pack used on my Icom IC-2AT. It seems to work quite well and the pack is almost the right width and depth to match up with the case. The real problem is that the mounting rails are two entirely different animals. I thought that with the right piece of Plexiglas, say about .5 thick with slots cut in the edges to match the bottom of the radio and the top of the battery pack, you could have a long life ni-cad on your BC-x00 scanner. Does anyone know if there is anything like this made out there? Anyone want to make one? If you do send me 10% of the profits when you get into full production and the money starts rolling in. :-) I may just give if a shot myself with wood. It should would be nice to have a one hour rapid charger for my scanner!

73's
----Ken / N3IGW

--
Ken Sprouse / N3IGW sprouse@n3igw.pgh.pa.us
GEnie mail KSPROUSE
Packet radio n3igw@w2xo.pa.usa.noam
Compu$erve 70145,426

2279. ++NCAA LACROSSE FINALS +++

Newsgroup: rec.radio.scanner
Date: 1994-04-04 07:30:18 UTC
From: gtenedios@shrsys.hslc.org
Message-ID: <4APR94.02301839@shrsys.hslc.org>
Source record: 275838

Would anyone have the frequencies for May 27-30 th NCAA Lacrosse
College Playoffs at the University of Maryland, College Park Maryland. Specifically, the frequencies for the coaches and news reporters in the area. The games are played in Byrd Stadium.

Any information will be greatly appreciated.
Thank you in advance for taking time to read and respond to this item.
If you want to see a really fast paced sport which makes football look calm compared to this game.

2280. Re: Presidental Security

Newsgroup: rec.radio.scanner
Date: 1994-04-04 08:02:30 UTC
From: sean@sdg.dra.com
Message-ID: <1994Apr4.020230.601@sdg.dra.com>
Source record: 275837

The Secret Service (or White House Communications Agency) isn't being sloppy. They operate under different restrictions than a private security company. There are actually some things that a private security firm could do, that the Secret Service is prevented from doing. My rights don't just evaporate when the U.S. President happens to be in the area.

Back to the issue at hand. One thing the S.S. seems to hate more than folks, like the news media, broadcasting where the motorcade is currently (too big of an event to hide anyway); is coded/encrypted broadcasts they can't understand in the nearby area. I've helped coordinate "civilian" communications at events when the president stopped by. The WHCA seemed most interested in making sure they could monitor our frequencies, not if we might broadcast something "secret." We had several hundred hand-helds all over the events in the hands of volunteers with no special security clearences (heck, I doubt some of them even had a driver's licenses).

--

Sean Donelan, Data Research Associates, Inc, St. Louis, MO
Domain: sean@dra.com, Voice: (Work) +1 314-432-1100

2281. Re: Attn: Camnis HCS-050 users

Newsgroup: rec.radio.scanner
Date: 1994-04-04 12:14:58 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.95.000C4035@ccm.hf.intel.com>
Source record: 275846

In article <2njq4p$ln0@search01.news.aol.com> leowaltz1@aol.com (LeoWaltz1) writes:

>Having just received a Camnis HCS-050, I would like to start
>a thread here on its operation, which has good and bad points.

I have seen considerable talk about this unit on Compuserve. You may want to look there to see if folks there have figured out the items missing from the instruction manual. People there seem to rate it better than a PRO-43 but not as good as the MVT-7100 (in case readers were wondering about the Camnis or Trident).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2282. Re: Need software for ICOM R9000

Newsgroup: rec.radio.scanner
Date: 1994-04-04 12:20:46 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.96.000C5901@ccm.hf.intel.com>
Source record: 275847

In article <2no5bq$lqp@search01.news.aol.com> sirjeeves@aol.com (Sir Jeeves) writes:

>Does anybody know where one can get some software for remote control of an ICOM
>R9000 via a Macintosh? I have already checked with SSI, to no avail.

You got the RIGHT radio, but the WRONG computer :-)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2283. Re: RS 2006 best buy?

Newsgroup: rec.radio.scanner
Date: 1994-04-04 12:50:28 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.97.000CD7B8@ccm.hf.intel.com>
Source record: 275853

In article <1994Apr03.193827.829019@walnut.prs.k12.nj.us> pthompson@walnut.prs.k12.nj.us (Peter Thompson) writes:

>Am I reading the comments here correctly? Should I run out and buy one
>before they dissapear? And particularly- if I get a Pro 2006, will it be
>the "classic" model with the various modification possibilities, or is RS
>going to use the same model number with a revised board/firmware?

>I've been shopping at Radio Shack for years, but my experience with various
>RF items hsan't given me the best faith in their products. I'm willing to
>try again though. Who actually makes the innards of this scanner for RS?

All things considered, the 2006 is a very good radio. You comment on RS RF products is true to some extent. Their quality (in manufacturing) is not too hot. My 2005 could never pick up 1.2 GHz Ham freqs. In the past few months I have noticed that 800 MHz is starting to fade. I have the sevice manual, so I figure I'll have to give it a tune up soon. Anyone else notice that the sensitivty is getting worse?

The PRO-200x series and others are made by GRE.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2284. Re: re: Presidential Security

Newsgroup: rec.radio.scanner
Date: 1994-04-04 13:19:08 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.99.000D5212@ccm.hf.intel.com>
Source record: 275854

In article <craigs.1115860778A@mksol.dseg.ti.com> craigs@lobby.ti.com (Craig S. Young) writes:
>What was neat was listening to the Air Force 1 telephone downlink on
>415.700. It was in the clear every time I checked. I couldn't hear the
>uplink because I was too far away, but hearing the downlink was neat... "Air
>Force 1 to Crown, request patch to xxx-xxx-xxxx...." etc. It was mostly
>flunkies calling relatives and such, but it was neat to listen to anyway. I
>caught AF-1 both inbound to Dallas and outbound to San Diego....

I remember reading that AF-1 patch is (or can be) Wide FM. Is this true?
That might explain why its in the clear.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2285. Re: Hear AM air freq image on FM VHF rcvr?

Newsgroup: rec.radio.scanner
Date: 1994-04-04 13:28:40 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.100.000D7AB5@ccm.hf.intel.com>
Source record: 275856

In article <1994Apr4.175340.7155@news.csuohio.edu> mike@garfield.csuohio.edu (Mike Mayer) writes:

>What does an AM transmission sound like when heard on an FM receiver?
>How about an IMAGE of an AM transmission heard on an FM band?

>Occasionally, (on average, once an hour) I hear what sounds like off-
>frequency splatter from an adjacent channel close to the one I
>have tuned in my scanner. The frequency I'm tuned to is 154.935,
>which is Ohio L.E.E.R.N. (used for police mutual aid, etc.).

I have an old BC 210 XL that regularly leaks aircraft traffic into the 154-155 PS band. You can almost understand it, but it souds a little muffled and fuzzy. Its a little bothersome, but the air traffic seems to be infrequent in my area. If it happens on a frequency I really want, I usually use a different scanner to listen to it. The best way to ID the frequency, is to ask a pilot in your area - try calling the pilot shops that usually border airports, you can also pick up a "sectional chart" that has a big map with frequencies of lots-o-good-stuff for your area (aircraft).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2286. IDEA - Temp. lock out and "softkeys"

Newsgroup: rec.radio.scanner
Date: 1994-04-04 14:09:39 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.102.000E29A6@ccm.hf.intel.com>
Source record: 275858

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2287. IDEA - temp. lockout and "softkeys" etc

Newsgroup: rec.radio.scanner
Date: 1994-04-04 14:27:09 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.103.000E7452@ccm.hf.intel.com>
Source record: 275859

Two features that I've been thinking about lately are:

1. Temporary lockout keys. Often a frequency that I scan has some noise on it that stops scanning. I hate to hit lockout, since I know I'll forget about it tomorrow. My idea would be to have a lockout button that only locks the channel out for 10 minutes or some similar period. After the time is up, the channel becomes unlocked automatically. If the interference is still there, you can hit the button again.

2. Have a memory pool. Lets say you have 1000 channels. The user should be able to assign the channels in the banks they want - they put in their own dividers- i.e. ch 1 - 27 make bank 1, 27-200 make bank 2, etc. The user selects how many channels go in each bank. You could have one bank of 1000, 2 banks of 500, or whatever you need in each bank. The banks could be selected with softkeys - like the newer HP calculators. A key has an area on the display that shows what the key function is (the user programs the alpha characters). So the bank 1 key might say: LOCAL PD or FIRE. This way you can select banks by name. My 2500XLT has 20 banks and I can't keep track in my head.

Needles to say, good RF performance is a MUST. A scanner with lots of features is worthless if all you hear is intemod.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2288. SWL/Scanner Clubs monthly post

Newsgroup: rec.radio.scanner
Date: 1994-04-04 15:22:52 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Apr4.152252.24137@rsd.dl.nec.com>
Source record: 275839
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

The following list contains the name of the club, a contact with address
and (possibly) phone number, E-mail address (if any), the area of
interest and the name of their news letter, if any. Please send any
corrections to me (address in sig).

Last update: April 4, 1994
Last Post: April 4, 1994

All Ohio Scanner Club
Dave Marshall
50 Villa Rd.,
Springfield, OH 45503-1036
rccons!aosc_hq@telerama.pgh.pa.us
In the message body: get aoscinfo.zip
This will return an UUENCODED PKZIP V2.04g file to you.
Ohio and surrounding states; VHF/UHF and some HF and amateur coverage.
American Scannergram.

American SW Listener's Club
Stewart MacKenzie, WDX6AA
16182 Ballad Lane
Huntington Beach. CA 92649
(714) 846-1685.
Western US, Pacific, Asia, & Middle East; SWBC, utilities, longwave.
SWL

Association of Clandestlne Enthusiasts (A.C.E.)
Kirk Baxter,
P.O Box 11201
Shawnee Mission, KS 66207
US, Europe and Middle East; Pirate and clandestine.
The A.C.E.

Association of DX Reporters (ADXR)
Reuben Dagold
7008 Plymouth Rd.
Baltimore, MD 21208
International; Utilities, ham band, QSLing. MW, LW, and SWBC.
DX Reporter.

Association of Manitoba DX'ers (AMANDX)
Shawn Axelrod
30 Becontree Bay

Winnipeg, Manitoba. R2N 2X9 Canada
(204) 253-8644.
Manitoba; LW, MW, SW, and VHF/UHF.

Bay Area Scanner Enthusiasts
105 Serra Way #363
Milpitas. CA 95035.
Western U.S.; 30+ MHz.
Listening Post

Bayonne Emergency Radio Network (BERN)
Ray Baron
PO. Box 1203
Bayonne, NJ 07002
201-662-2222
NE Jersey; Fire/disaster.

Benelux DX-club (BDXC)
A. van Ostadelaan 106
NL-7944 XT Meppel
The Netherlands
LW, MW, SW, VHF/UHF, Broadcasting & Utility
BDXC-bulletin (monthly in Dutch/English)

Bearcat Radio Club
Larry Miller
Box 360
Wagontown, PA 19376
1-800-423-1331
US and Canada; Scanning only.
National Scanning Report.

Boston Area DXers
Paul Graveline
9 Stifling St.
Andover, MA 01810
(508)470-1971
50 mile radius Boston; SWBC.

British DX Club
Colin Wright
54 Birkhall Road
Catford, London, SE61TE, United Kingdom
UK and international. SW, MW. AM, FM DXing, pirate and clandestine radio.
Communication. Sample 3 IRCs or $2 US cash.

Canadian lnt'l DX Club
Sheldon Harvey, President
79 Kipps St.
Greenfield Pk.
Quebec , Canada J4V 381
(514)462-1459

Canada nationwide/membership open to all; General coverage.
The Messenger

Capitol Hill Monitors
Alan Henney
6912 Prince Georges Ave
Takoma Park, MD 20912-5414
(301) 270-2531.
DC, MD, No. VA. So. DE. Scanner bands.
Capitol Hill Monitor.

Central Florida Listeners Group
David Grubbs
956 Woodrose Court
Altamonte Springs, FL 32714-1261
(407) 273-5088 (Andy Fountain)
Central Florida; All bands. Net on 146.73 MHz Sun 8 pm.

Central Indiana Shortwave Club
Steve Hammer
2517 E. DePauw Road
Indianapolis, IN 46227-4404
Central Indiana; SW broadcasting, pirates. and the offbeat.
Shortwave Oddities

Central VA Radio Enthusiasts
Alien Cole
POB 34832
Richmond, VA 23234-0832
Richmond and nearby cities VHF/UHF. SASE. No newsletter. no dues.

Chicago Area DX Club
Edward G. Stroh
53 Arrowhead Dr.
Thornton, IL 60476
150 mile radius of Chicago; Dxing all bands.
DX Chicago

Chicago Area Radio Monitoring Association (CARMA)
Ted & Kim Moran
6536 N. Francisco 3E
Chicago, IL 60645
Chicago & midwest. Public safety & general coverage.
CARMA Newsletter.

Cincinnati Area Monitoring Exchange (MONIX)
Mark Meece
7917 Third St.
West Chester, OH 45069-2212.. SE
Indiana, Kentucky, SW Ohio; SWBC. utility. military. satellites. scanning. BCB.

Communications Research Group
Scott Miller

122 Greenbriar Drive
Sun Prairie, WI 53590-1706
Wisconsin area. Scanning.

DecalcoMania
Paul Richards
P.O. Box 126,
Lincroft, NJ 07738
(206) 356-3927 (Phil)
Collecting radio related items.

DMS-News
Jerry Pickard
8961 Magnolia Ave #59
Santee, CA 92071.
Nationwide; VHF/UHF
Dreaded Mod Sheet.

Drake SPR4 Int'l Club
Bill Swigger
Route 142, Box A,
Bridgeport. WV 26330
Worldwide; Drake SPR4 owners.

DX Audio Service (NRC)
NRC Publications Center
P.O Box 164
MannsviIle. NY 13661-0164
Worldwide; AM/FM;
DXAS Cassette 90-min monthly audio magazine. Sample $3 to above address

DX Australia
P O. Box 422
Moonee Ponds, Victoria 3039, Australia
MW. SW.
DXers Calling

DX Club of India
Navin Patel
809, M.G. Road, 1-Dutt
Niwas, Mulund, Bombay-400 080, India
India; SW DXing

DX Club Paulista
Marceio Toniolo Dos Anjos
C. Postal 592
Sao Carlos - SP (Brasil), 13560-970
South America. Shortwave, including utilities.
Actividade DX (in Porluguese)

Finnish DX Association
Mr. Arto Mujunen
Suomen DX-Liitto

PO. Box 454
SF-00101 Helsinki, Finland
+358-0-872-1718
Finland and worldwide. SW and BCB
Radiomaailma

Fire Net
Tom Kravitz
Box 1307
Culver City, CA 90232
310-838-1436
Southern Califomia
alpha-numeric paging fire notification net, tied in with nationwide net.

Friendship DXers Club
Ing. Santiago San Gil Gonzaiez
C.DX.A - International
P.O. Box 202
Barinas 5201-a
Estado Barinas, Venezuela
International. DXing all bands. Cadena DX. YV-2-FSW, Sunday 1130-1330 UTC
on 7113 and 14113 kHz. Membership free.

Houston Area Scanners & Monitoring Club
909 Michael
Alvin. TX 77511
(713) 388-1941
75 mile radius of Houston, TX; scanning & SW.

International Listeners Organization
Mohsin Abbas.
St. Nisar Ali Shah Ahamed Pura, Sheikhupura, Pakistan,
1-(50359) 2-(50561). South Asia. Broadcasting. Listener
Times.

Int'l Radio Club of America (IRCA)
Ralph Sanserino
P.O. Box 70223
Riverside. CA 92503
Worldwide; BCB/AM DX.
DX Monitor.

Long Island Sounds
Ed
2134 Decker Ave
North Merrick, NY 11566
Public Safety. Net Tues 8pm 146.805
Newsletter.

Longwave Club of America
Bill Oliver
45 Wildflower Rd

Levittown, PA 19057
(215)945-0543
Worldwide; Longwave only.
The Lowdown

Medium Wave Circle
Secretary: Harold Emblem, (postal enquiries)
137a Hampton Road,
Southport PR8 5DY, England
Steve Whitt <whitt_s@bt-web.bt.co.uk> (electronic enquiries)
UK & International; MW/LW/100kHz-1700kHz/ DXing/ listening/technical/etc
Medium Wave News; sample copy 3IRCS or $2 US cash

Metro Radio System
Julian Olansky
P.O. Box 26
Newton Highlands, MA 02161
(617)969-3000
New England states; Public Safety. M.R.S.
Newsletter.

Michigan Area Radio Enthusiasts
Bob Walker
P.O Box 81621
Rochester, MI 48308
Michigan & surrounding; All bands.
Great Lakes Monitor

Minnesota DX Club
AI Samson
8367 Monroe St. NE
Spring Lake Park, MN 55432
612-786-5915
Twin cities area; SW, MW, TV, FM, utilities.
MDXC Newsietter

MONIX (Cincinnati/Dayton Area Monitoring Exchange)
Mark Meece
7917 3rd St.
West Chester, 0H 45069-2212
(513)777-2909
Cincinnati/Dayton area; Full spectrum SW and scaning.

Mountain NewsNet
James Richardson
P.O. Box 621124
Littleton, CO 80162-1124
(303) 933-2195
Colorado statewide. Public Safety notification group.

National Radio Club
Paul Swearingen, Publisher

P.O. Box 5711, Topeka, KS 66605-0711
Worldwide; AM/FM. DX News 30 times yearly, sample for a 29 cent stamp.

NYC Radio Fre(ak)Qs
Joe Alverson
199 Barnard Ave
Staten stand, NY 10307
718-317-5556
NY boros & LI; VHF/UHF/HF utilities.

New Zealand Radio DX League
P.O. Box 3011
Auckland, New Zealand
MW, SW, FM, TV
New Zealand DX Times

New Zealand DX Radio Association
Mr. R. Dickson
88 Cockerell St.
Brookville, Dunedin
New Zealand
MW, SW, amateur and utilities
Tune-In

North American SW Assoc.
Bob Brown, Executive Dir.
45 Wildflower Lane, Levittown, PA 19057
Worldwide; Shortwave broadcast only
The Journal

North Central Texas SWL Club
Alton Coffey
1830 Wildwood Drive
Grand Prairie, TX 75050
N. Central TX area. All bands

Northeast Ohio SWL/DXers
Donald J. Weber
P.O. Box 652
Westlake, OH 44145-0652.
NE Ohio; SWBC and utilities

Northeast Scanner Club
Les Mattson
P .0. Box 62,
Gibbstown, NJ 08027
(609) 423-1603 evenings.
Maine thru Virginia; UHFNHF public safety, aircraft, military
Northeast Scanning News (NESN).

Ontario DX Association
Harold Sellers, General Mgr.
P.O. Box 161

Station A, Willowdale, Ontario
M2N 5S8, Canada
(416) 853-3169 voice & fax, (416) 444-3526
DX-Change information svce. Predominantly Province of Ontario; SWBC,
utility MW FM- TV, scann ng, techn cal, propagation.
DX Ontario

Pacific NW/BC DX Club
Phil Bytheway
9705 Mary NW
Seattle, WA 98117
(206) 356-3927
WA OR, ID, BC; DXing all bands

Pakistan SW Listeners Club
Mrs. Fatima Naseem
Sultanpura, Sheikhupura, 39350 Pakistan
Pakistan; SWBC.

Pitt Cty SW Listeners Club
L. Neal Sumrell
Rt. 1 Box 276
Sumrell Rd.
Ayden, NC 28513-9715.
Eastern NC, Shortwave bands
The DX Listeners

Puna DX Club
Jerry Witham
P.O. Box 596
Keaau, HI 96749
SW and MW

QSL Club de France
Patrick Frigerio
40 Rue de Haguenau
67700 Saverne, France
All bands
Courrier(in French). 6 bulletins 42 FF EEC 12 IRCs elsewhere 16 IRCs.

Radio Monitors of Maryland
Ron Bruckman
P.O. Box 394
Hampstead, MD 21074.
Maryland VHF/UHF/HF utilities
Radio Monitors Newsletter of MD

RCMA (Radio Communications Monitoring Assn.)
Carol Ruth, Gen'l Mgr.
P.O. Box 542
Silverado, CA 92676
North America, Europe, Australia; All modes above 30 MHz.

RCMA Journal.

Regional Communications Network (RCN)
Bill Morris, Public Info. Officer
Box 83-M, Carlstadt, NJ 07072-0083
50 mile radius of NY City; 2-way Radio Public safety notification group.

Rocky Mountain Radio Listeners
Wayne Heinen
4131 S. Andes Way
Aurora, CO 80013-3831
Colorado Front Range; All bands. Annual meeting calendar for an SASE.

Southern California Area DXers (S.C.A.D.S.)
Don R. Schmidt
3809 Rose Ave.
Long Beach, CA 90807-4334
(310) 424-4634
California area; AM, FM, TV, scanner and shortwave broadcasting.

Southern Cross DX Club Inc.
G.P.0. Box 1487,
Adelaide, SA 5001, Australia
Australia, New Zealand, South Pacific; All bands.
DX Post

SPEEDX (Society to Preserve the Engrossing Enjoyment of DXing)
Bob Thunberg,Business Mgr
P.O. Box 196, DuBois, PA 15801-0196
Worldwide; SWBC, utilities.
SPEEDX monthly newsletter

Susquehanna City Scanner Club
Alan D. Grick
P.O. Box 23
Prospect St.
Montrose, PA 18801.
PA area; Scanning all bands.

Toledo Area Radio Enthusiasts
Ernie Dellinger, N8PFA
6629 Sue Lane
Maumee, OH 43537
NW Ohio and SE Michigan; Shortwave, scanning, amateur.

Triangle Area Scanner/SW Listening Group
Curt Phillips, KD4YU
P,O. Box 28587, Raleigh, NC 27611
Central NC.

Wasatch Scanner Club
Jon Van Allen
2872 West 7140 South

West Jordan, UT 84084
State of Utah. VHF/UHF
Newsletter/directory

World DX Club
Arthur Ward
17 Motspur Drive,
Northampton, England NN2 6LY
(in USA-Richard D'Angelo, 2216 Burkey Drive, Wyomissing. PA 19610)
UK and worldwide, SW, MW broadcasting DX, FM & TV DX, amateur radio.
Contact

WorldwideTV/FM DXers Association (WTFDA)
P.O. Box 514
Buffalo, NY 14205-0514
World-wide membership; TV, FM, NWS.

Scanning Wisconsin
Ken Bitter
S. 67 W.
17912 Pearl Dr.
Muskego, WI 53150-9608
(414) 679 9442
Wisconsin. VHF/UHF
Scanning Wisconsin ($2 for sample)

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Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

2289. re: Presidential Security

Newsgroup: rec.radio.scanner
Date: 1994-04-04 15:25:38 UTC
From: craigs@lobby.ti.com
Message-ID: <craigs.1115860778A@mksol.dseg.ti.com>
Source record: 275844

Bill was here in the Dallas area two weeks ago for his brother's wedding, so I had an opportunity to listen in....

Most of the SS channels ran DES encrypted, with the exception of Tango, which was usually in the clear. It was mostly ops logistics, and pretty boring.... "Dallas to Travis. Be aware Agent so-and-so is on at six." etc.

What was neat was listening to the Air Force 1 telephone downlink on 415.700. It was in the clear every time I checked. I couldn't hear the uplink because I was too far away, but hearing the downlink was neat... "Air Force 1 to Crown, request patch to xxx-xxx-xxxx...." etc. It was mostly flunkies calling relatives and such, but it was neat to listen to anyway. I caught AF-1 both inbound to Dallas and outbound to San Diego....

Happy listening.

Oh, also, per another poster's suggestion, I listened in on the Dallas PD channels. Nothing presidential related. In fact, from listening to DPD, you wouldn't even have known the pres was in town !! :)

Craig S. Young email: craigs@lobby.ti.com
Texas Instruments Incorporated phone: (214) 952-4616
2501 W. University, MS 8041
McKinney, Texas 75070 "I speak only for me, not TI"

2290. Suggestions for ultimate scanner design (proposal)

Newsgroup: rec.radio.scanner
Date: 1994-04-04 15:35:17 UTC
From: vhealey@crl.com
Message-ID: <2npc3l$7n2@crl2.crl.com>
Source record: 275840

Have you purchased a scanner only to find that it doesn't have
all the features that are found in a similar product from another
manufacturer? I propose to start a collection of ideas that list a
desirable feature or a proposed enhancment to exisiting designs that will
be listed here periodically.

Either add to this new thread or email to me at vhealey@crl.com
your suggestion for a new product feature or and enhancement to one that
already exists on some favorite scanner. That is your idea! Please tell
me what the benefit of your idea would be. I will compile a chart of your
submissions and comments which will be periodically posted here and when
it looks good enough we will submit it to all the leading manufacturers
for them to get busy on. Hopefully they will be reading this thread and
already considered adding this feature to their product line. Please be
specific, if an existing radio (ham or scanner or business) already has
this feature let us know the model and maufacturer so we can provide
proof that it can be done as it already has been. (also patents may be
involved) Please start all posts or email to me with the keyword IDEA -
so I can quickly sort through the messages. Your ideas may be engineering
changes that are operational, structrual, cosmetic, software, or what
have you.

Here is a sample post

IDEA - Anti slip case design for handheld

Why not design the ultimate hand held with a rough or raised
surface on the sides of the unit instead of a smooth surface?
The benefit is that it would less likely be dropped by moist
hands resulting in less damage to the unit over time.
Aor 1000xlt and Radio shack Pro43 are examples of this feature.
The bearcat line of hh's lack it since they are smooth cases.

submitted by Vic Healey ki4je vhealey@crl.com
....
....

I hope you get the "idea" and this ultimately results in some
better designed radios for us all to use.

Victor Healey

vhealey@crl.com

2291. Re: Presidental Security

Newsgroup: rec.radio.scanner
Date: 1994-04-04 15:39:22 UTC
From: zoo@aggregate.com
Message-ID: <ZOO.94Apr4103922@neptune.aggregate.com>
Source record: 275841

Now, if Clinton rode Amtrack, what would the desination be?

All presidential rail travel is done under the designation POTUS, President
Of The United States.

--
david d `zoo' zuhn |
zoo@aggregate.com | I remember it all as if it really happened....
|

2292. Review of S&S Precision Mapping CDROM - use to pinpoint xmtrs

Newsgroup: rec.radio.scanner
Date: 1994-04-04 16:08:34 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CnqsuC.B6J@cbnewse.cb.att.com>
Source record: 275842
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I posted this in alt.cd-rom and comp.sys.ibm.pc.hardware.cd-rom, too:

PRECISION MAPPING CDROM REVIEW

by Bob Parnass, AJ9S

I saw demonstrations of two CDROM mapping programs this weekend:

1. DeLorme's Street Atlas USA (v 2)
2. S&S Publishing's Precision Mapping

Street Atlas got good reviews here on Usenet but I didn't see any reviews of Precision Mapping, so here's my two cents. First, both these programs are remarkable and put CDROM technology to good use. They contain almost all of the streets in the entire USA.

The Street Atlas CDROM is called from Windows, versus Precision Mapping which is a DOS program. I think Street Atlas USA has one disk. The Precision Mapping setup comes with two CDROMS disks, one for the Eastern and one for the Western USA, using the Mississippi River as the dividing line.

I purchased the Precision Mapping because it includes a few latitude/longitude features I need which were missing in the Street Atlas. As you position the mouse, the exact latitude and longitude is displayed on the screen at all times. I need this feature in my application of locating transmitter sites from FCC records which often contain latitude and longitude but no street address.

Street Atlas prints prettier paper maps than Precision Mapping. The lakes are shaded in the Street Atlas printouts, but are merely outline drawings on the Precision paper maps. Also, the Street Atlas draws major roads with two parallel lines (i.e., giving the major road some stature to help make it stand out), and the Precision represents these roads (on paper) with darker lines.

Although the Precision maps appear in color on the screen, they are black and white when printed (even on a color printer). I'm using an HP Desk Jet 520 ink squirter printer, and the printouts look better than they do on my 14" cheapo SVGA monitor.

The only real problem I've had with the Precision Mapper so far is that the tutorial bombs with the error message "Integer divide by zero" on my IBM PS/1 486DX2 - 66 MHz. I phoned S&S and they said they know about the problem -- the tutorial won't work on faster machines. Although this defect was somewhat annoying, it's not a great loss to me as I learned to use the Mapper on my own, using the Help text.

I don't know much more about Street Atlas USA, but the Precision Mapping allows you to click the mouse on a street, landmark, lake, or river. An information window pops up and usually gives you more info. For example, it will often tell you what the range of house numbers is on a street, and what type of street it is.

You can "mark up" maps with your own notes or drawings using the Precision Mapping software, or save the file and mark up the map with your favorite graphics editor. I've clipped out an entire map and swept out parts of a map using the mouse and created .PCX files, which I then read into the Paint program.

I paid about $75 for Precision Mapping, and it came packaged with a Business phone book CDROM of low quality, but that's another review. :-)

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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

2293. Re: BC200XLT Battery Rebuild

Newsgroup: rec.radio.scanner
Date: 1994-04-04 17:29:53 UTC
From: sprouse@n3igw.PGH.PA.US
Message-ID: <98@n3igw.PGH.PA.US>
Source record: 275843

In article <hrody-310394092416@rodypc.b30.ingr.com> hrody@ingr.com (H. M. Rody) writes:
>I have a BC200XLT Scanner whose battery pack has gone south. I ordered a
>replacement ($39 plus shipping) BUT I want to get a new set of nicads to
>repair the old pack. Internal to the pack is a Sanyo CADNICA Model
>6N-550AA, 7.2V 600mh nicad pack. Anyone know where I can get a another
>one?
>

You can try one of the following :

W & W Associates
800 South Broadway
Hicksville, NY 11801
Toll Free 800.221.0732
In NYS 516.942.0011
FAX 516.9421944

E.H. Yost & Company
Mr. Nicad
7344 Tetiva Road
Sauk City, WI 53583
Voice 608.643.3194
FAX 608.643.4439

Periphex Inc.
115-1B Hurley Road
Oxford, CT 06478
Voice 203.264.3985
FAX 203.262.6943

I have bought inserts (just the cell packs) from W & W Associates for my
Icom IC-2AT 2-meter rig and they worked well. I don't know that they
sell packs or inserts for the BC-x00 scanners but I would be surprised
if they did not. Haven't had to replace the one in my BC-200XLT yet.
I'm sure there are also other dealers around. I heard one time that
someone makes batteries and a drop in rapid charger for the Bearcats but
I have never seen it. These were just the first ones I ran across in
the April issue of QST. Hope this helps. Talk with you whenever. . .

73's

--
Ken Sprouse / N3IGW sprouse@n3igw.pgh.pa.us
GEnie mail KSPROUSE
Packet radio n3igw@w2xo.pa.usa.noam
Compu$erve 70145,426

2294. Re: Pro43 DC adaptor

Newsgroup: rec.radio.scanner
Date: 1994-04-04 17:44:44 UTC
From: mahjmac@netcom.com
Message-ID: <mahjmacCnqxAL.4y3@netcom.com>
Source record: 275848

In <1994Apr3.235207.19051@alw.nih.gov> weisen@alw.nih.gov (Neil Weisenfeld) writes:

[my original sent to /dev/nul]

>This, of course, won't be true of a *regulated* power supply.

Thank you for that clarification. I thought that was the case, but wasn't
sure.
--

| Michael A. Hotz J.M. Allen Creations mahjmac@netcom.com |
| Of course my opinions represent those of my company, I own it! ;-) |

2295. Hear AM air freq image on FM VHF rcvr?

Newsgroup: rec.radio.scanner
Date: 1994-04-04 17:53:40 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Apr4.175340.7155@news.csuohio.edu>
Source record: 275850

What does an AM transmission sound like when heard on an FM receiver?
How about an IMAGE of an AM transmission heard on an FM band?

Occasionally, (on average, once an hour) I hear what sounds like off-
frequency splatter from an adjacent channel close to the one I
have tuned in my scanner. The frequency I'm tuned to is 154.935,
which is Ohio L.E.E.R.N. (used for police mutual aid, etc.).

The transmission I hear is audible but garbled, but definitely not
the "Donald Duck" sideband, but more like bleedover (splatter)
you hear on an adjacent CB channel if someone is transmitting
really close by.

I can't make out what the person is saying, but I do seem to hear
that familiar (400Hz?) background hum you hear on most tranmissions from
aircraft on the AM Air band.

My first assumption is that its simply off-frequency bleed, so I set
the scanner to scan three frequencies above and three below the
154.935, in the usual 5Khz spacing (.920, .925, .930, *.935*,
940, .945, .950) in hopes of "bracketing" the bleedover and catching
it on a frequency nearby. No luck. This lead me to think that perhaps
I was picking up an AM Air frequency image in the 150MHz FM VHF band.

So, I whip out the calculator and sure enough,
154.935 - 21.4 (2*10.7 IF) = 133.535 lands me right in the
AM Air band. Three questions:

1. What does an AM transmission sound like on FM? Garbled?

2. What is the likelihood that an AM image will show up and
break squelch on an FM band 21.4MHz above?

3. 133.535 MHz I do not recognize as any frequency being used
by either Cleveland Hopkins or Akron/Canton airports. Does not
show up anywhere in Police Call. (which really did not surprise me)
Any insight from anyone?

Stumped,

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

2296. scanners forsale

Newsgroup: rec.radio.scanner
Date: 1994-04-04 18:12:34 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <2nplai$imi@paperboy.gsfc.nasa.gov>
Source record: 275845

I have 3 scanners for sale

Here's the stats

Desk Model Pro 2028
New as of 1/1/94
$90
50 channels
29-54
108-136.975
137-174
406-512

Handheld Model Pro 38
10 channels
$50
29-54
136-174
406-512

Handheld Model Pro 33
20 channels
$50
30-54
136.005-174
380-512

I will pay shipping and handling charges on any scanner.

They all receive fire,police,rescue,cordless phones.

You can call me at work (301) -286-6457 Richard

2297. Re: Presidental Security

Newsgroup: rec.radio.scanner
Date: 1994-04-04 19:28:02 UTC
From: mriffle@aol.com
Message-ID: <2nppo2$1um@search01.news.aol.com>
Source record: 275849

In article <2nhsoc$3vi@usenet.INS.CWRU.Edu>, cr933@cleveland.Freenet.Edu (Michael P. Noll) writes:

The plane the president used today to fly into Burke Lakefront Airport (not Hopkins) was a DC-9. All SS freqs were scrambled. Phone patch freqs were active. Cleveland PD tac freq was the source to listen to.

2298. BEST BASE CELLULAR ANTENNA???????

Newsgroup: rec.radio.scanner
Date: 1994-04-04 19:36:58 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Apr4.153224.1@cad3.uccb.ns.ca>
Source record: 275851

Could someone please tell me the best commercial cellular antenna that i can put up outside to pick up cellular towers in neighbouring countys?

Also!! Does anyone know how a cellular enhancer works?

ron
rling@cad.uccb.ns.ca

2299. Cellular - Modem interception

Newsgroup: rec.radio.scanner
Date: 1994-04-04 19:48:02 UTC
From: gumbyrama@aol.com
Message-ID: <2npqti$24d@search01.news.aol.com>
Source record: 275852

Is it possible to rx and display the data that is sent over the cell phones. For example if someone is listening to Cellular and picks up a data transmission from the beginning and records it on tape. Can this be played into a telephone to a modem and it be understood by a comm program???? Just a thought.

Scanning in Texas

2300. Re: Hear AM air freq image on FM VHF rcvr?

Newsgroup: rec.radio.scanner
Date: 1994-04-04 20:22:25 UTC
From: reece@eco.twg.com
Message-ID: <2npsu1$asg@scoop.eco.twg.com>
Source record: 275855

In article <1994Apr4.175340.7155@news.csuohio.edu>, mike@garfield.csuohio.edu (Mike Mayer) writes:
|>3. 133.535 MHz I do not recognize as any frequency being used
|>by either Cleveland Hopkins or Akron/Canton airports. Does not
|>show up anywhere in Police Call. (which really did not surprise me)
|>Any insight from anyone?

Most airband transmissions are on 50KHz spacings, especially the low altitude frequencies. This is for compatability with the older 360 channel radios still used in some older GA airplanes. Where congestion is a problem, frequencies with 25KHz spacing are being utilized. Since aircraft which fly in Class A airspace (above 18,000 feet) are required to have 720 or 760 channel radios, many of the 25KHz frequency assignments are used for high altitude sectors.

My spectrum allocation info lists the 132.025 - 136.075 band as being allocated to ATC voice use (as opposed to ground control, FSS, or Arinc, but isn't more specific. Most of the listings in this band for the east coast are for ARTCC air-to-ground communications. You might want to check in the latest Airport/Facility Directory in the section marked Air Route Traffic Control Centers.

2301. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-04-04 20:53:40 UTC
From: spikes@sc.hp.com
Message-ID: <2npuok$r3d@hpscit.sc.hp.com>
Source record: 275857
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Well, the bozo at the shack said I would have to use the coupon the NEXT time I came to a shack. RIGHT! Another coupla years.

Anyway, I donno if anyone has posted this yet, but a good use for the toy is to put it in your car for use with the handheld ham radio or scanner.

Now my wife gets to listen to both being fed through the car stereo at a lot louder level than the pico-speaker in the ICOM. She, uh, gives her, mmmm thoughts, to those of you that started this.....

:)

Bill
wb6rzg

2302. Re: Attn: Camnis HCS-050 users

Newsgroup: rec.radio.scanner
Date: 1994-04-04 21:44:06 UTC
From: sirjeeves@aol.com
Message-ID: <2nq1n6$38l@search01.news.aol.com>
Source record: 275860

In article <2njq4p$ln0@search01.news.aol.com>, leowaltz1@aol.com (LeoWaltz1)
writes:

>>3. I cannot get the mode (AM,NFM,WFM) changed on individual
channels. Help is needed on this one.

Just tried this out:
MAN,94.7,ENT,MODE,UP/DWN,ENT,MAN,[bank#][ch. #],ENT

Also, Jonathan Clough is working on a BETTER manual for the Camnis.
I will let you know once something is available.

-Mike Baranowski
CIS:76254,753

2303. RS VOX Recorder on Sale

Newsgroup: rec.radio.scanner
Date: 1994-04-04 23:03:43 UTC
From: rflood@cis.umassd.edu
Message-ID: <CnrC2A.EFJ@umassd.edu>
Source record: 275861

I went by RS today and noticed that they had a VOX recorder on sale. It was the CTR-76 Model and they were selling it for $35 (regularly $50). It's kind of big, but it also has a remote mic jack that few VOX recorders seem to have. I decided to get it mainly for the remote mic jack that will work with the amplified speaker I bought a few months ago. I have seen a few posts about recorders lately and just thought I would fill people in.

-Rich
--

============================
\\\|/// Richard M. Flood
(O O) rflood@cis.umassd.edu
------oOO-(_)-OOo------ rflood@umassd.edu
Always Expose, Explain,and Explore, ============================
that which is forbidden!

2304. RE: PRO2006 MOD

Newsgroup: rec.radio.scanner
Date: 1994-04-04 23:15:18 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Apr4.191046.1@cad3.uccb.ns.ca>
Source record: 275862

RE: PRO2006 MOD
bobwx1@nbnet.nb.ca asks about a mod for a pro2006!

BOB:
The pro2006 is quite easy to modify. I think this mod was posted last week.
Anyway by removing the cover and look behind the keyboard (right behind
the #3 button) there are two diodes one restores the cellular and one speeds
up the scan rate to 30/cps. Clip the diodes and spread apart so they don't
touch. Put cover back on and you are done. Set search limits: example----
870.000mhz to 880.000mhz and search. Hit reset button and it searches in
30 khz steps (30 khz should come on the display) REAL EASY MOD!!

The pro2006 was on sale here in NOVA SCOTIA for 399.95 (regular 539.95)
in CANADIAN DOLLARS. I think the sale was over on April 2/94.

PS: the above mod does not restore 520.000--760.000mhz.

ron
rling@cad.uccb.ns.ca

2305. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-04-04 23:19:43 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Apr4.231943.15912@alw.nih.gov>
Source record: 275863

This past weekend in Arlington, VA. A pizza parlor employee calls in what he thought was an armed robbery. A few minutes after they dispatch a *ton* of very anxious police toward the store, the store manager calls to tell the police that it was all a prank. Apparently, one 17 year old store employee decided to enter with a ski-mask as a joke (I'm not sure if he actually said "stick 'em up" or what). Another employee who *had* been previously held up was able to sneak away and call the police.

The police decided not to arrest the kid, but did call his mommy down to the pizza store. They decided that they had put the fear of g-d in him, and left it at that. :-)

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2306. Re: Scanner World

Newsgroup: rec.radio.scanner
Date: 1994-04-05 01:19:01 UTC
From: peterr50@aol.com
Message-ID: <2nqea5$5ii@search01.news.aol.com>
Source record: 275864

In article <CnMD46.Ip0@world.std.com>, bspring@world.std.com (Bill G Springall) writes:

518-436-9606

2307. Re: Presidential Security

Newsgroup: rec.radio.scanner
Date: 1994-04-05 04:25:29 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Apr5.042529.21215@alw.nih.gov>
Source record: 275865

Craig S. Young (craigs@lobby.ti.com) wrote:
[much editing done]
: Oh, also, per another poster's suggestion, I listened in on the Dallas PD
: channels. Nothing presidential related. In fact, from listening to DPD,
: you wouldn't even have known the pres was in town !! :)
[much editing done]

Well, sometimes the PD isn't *that* bad about security. It's possible that they have some extra licensed (but normally unused) channels for such things as visits from special dignitaries. Sometimes these channels aren't even listed as being for the Police but are listed to the local government.

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2308. Re: IDEA - Temp. lock out and "softkeys"

Newsgroup: rec.radio.scanner
Date: 1994-04-05 04:34:59 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Apr5.043459.21299@alw.nih.gov>
Source record: 275866

This is a great thread. If we continue with our list of dream scanner features (and someone listens) maybe we'll see some *really* cool, albeit expensive, equipment in a year or so. Here are some of mine off of the top of my head:

1) An activity alarm. I may want to program in a new frequency that I'm unsure if it's in use and I'd love to have an "alarm" that would go off when a certain channel shows some activity. That way I could go on with my normal monitoring, but still notice if one of my new channels shows some activity.

2) The data channel skip that Uniden has recently advertised. If it does what it sounds like it should, it would make trunked system monitoring much nicer.

well, that's it for now...

--neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2309. Re: RS 2006 best buy?

Newsgroup: rec.radio.scanner
Date: 1994-04-05 04:40:01 UTC
From: sirjeeves@aol.com
Message-ID: <2nqq31$7sq@search01.news.aol.com>
Source record: 275867

Peter:

The 2006 is one of the BEST scanners available today. If you are planning on 'clipping the diode', you better get one while there are available. You can get one from a franchise Radio Shack dealer, MaryMac. Contact Richard @ 800-231-3680. The last price I heard was $345. This includes UPS ground S&H. No tax, unless outside of Texas. This is a GREAT company.

The current model shipping is the 'a' version. This is a revision from the older model. They changed the 'light' control to a 'switch' - a GREAT improvement. I guess most people found they either had it all the way up (on) or all the way down (off). No other changes that I am aware of between the older version and the 'A'. If you buy own locally, and they don't have one in stock, they may try to sell you the demo (floor) model, which may have the dial instead of the switch.

-Mike Baranowski

2310. FBI

Newsgroup: rec.radio.scanner
Date: 1994-04-05 04:41:44 UTC
From: tmnichol@alioth.cc.nps.navy.mil
Message-ID: <CnrrpK.6HL@taurus.cs.nps.navy.mil>
Source record: 275868

A while back, somebody listed a freq for the FBI's nation wide repeater system. What is that freq?

2311. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-04-05 04:44:02 UTC
From: sirjeeves@aol.com
Message-ID: <2nqqai$7ub@search01.news.aol.com>
Source record: 275869

In article <ah301-030494225958@129.228.248.119>, ah301@yfn.ysu.edu (Jerry Sy) writes:

what is the VOL switch setting used for in the transmitter module ?

I don't have the manual handy, but this is for selecting either an 'amplified' or 'non-amplified' output signal from your source. As an example, feeds from your stereo (via RCA connections) are not amplified. Feeds from an 'earphone' output, like a scanner' are amplified.

There is more info in the manual if you received one with your unit.

-Mike Baranowski

2312. St. Louis Scanners

Newsgroup: rec.radio.scanner
Date: 1994-04-05 05:03:03 UTC
From: armadillo1@aol.com
Message-ID: <2nqre7$85h@search01.news.aol.com>
Source record: 275870

>WILSON@SLUVCA.SLU.EDU

>I was just wondering if anyone out there is in St. Louis. I'm looking
>into possibly setting up a database for local frequencies in the city
>and county. However, if anyone already has one (or just a standard text
>file) with any of these frequencies I'd like to know about it.
I>f you have anything, send it my way if you could. I'd really appreciate
>it! thanks...

>Mike Wilson COM-ASEL
> Spirit of St. Louis MO.

Mike-

If you could e-mail me an address or something, I have some stuff that might be interesting to you. There's also a rumor of a group forming in St. Louis, but I don't have the specs yet.

Ken Reiss

2313. Re: Pro-2006! What does the cell mod do?

Newsgroup: rec.radio.scanner
Date: 1994-04-05 06:07:01 UTC
From: disks@aol.com
Message-ID: <2nqv65$9ae@search01.news.aol.com>
Source record: 275871

In article <bobwx1.6.0@nbnet.nb.ca>, bobwx1@nbnet.nb.ca (Bob Robichaud) writes:

You can get a PRO-2006 from Grove Enterprises any day of the week for a lot cheaper than that (399.95), which by the way is the normal price of that unit.

bc

2314. Re: Pro43 vs 2500xlt???

Newsgroup: rec.radio.scanner
Date: 1994-04-05 08:22:00 UTC
From: Alexander.Tait@f747.n115.z1.fidonet.org
Message-ID: <2da165f8@f747.n115.z1.fidonet.org>
Source record: 275872

-=> Quoting Eclafl1@umbc.edu to All <=-

Ec> From: eclafl1@umbc.edu (claflin eric)

Ec> In article <2ndb0i$ggo@delphinium.cig.mot.com>,
Ec> Harry E. Cline <clinehe@rtsg.mot.com> wrote:
> highly active RF environments, like along the Expressway's of Chicago. In
my
> case listening to a particular Chicago PD freq around 470
> MHz was replaced with what sounded like cellular phone
> traffic

Ec> I'd like to know the answer to this, too! When I worked for Rescue
Ec> Eight out of Arlington Heights, we used to listen to CPD on our
Ec> scanner. There are sect-
Ec> ions of the JFK and IKE where this happens frequently. I came to the
Ec> conclu- sion that it might be phone patches coming through,
Ec> especially to detectives on
Ec> the tactical channels for CPD. Is this kind of patching possible,
Ec> anyone, or does it only happen in the 800-900 mHz range? Chicago
Ec> Police has only recent- ly switched to some 800 mHz channels.

Could be intermod from cell hpones operating exactly 400 Mhz above
the PD channel. What CPD channel? City wide 7 has phone patch
installed. So do the trunked/incrypted system for swat, violent
crimes and drug enforcment.

... Telecommunications is a bit far-fetched.
___ Blue Wave/QWK v2.11

2315. Re: AKx|

Newsgroup: rec.radio.scanner
Date: 1994-04-05 08:26:36 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.108.000871BD@ccm.hf.intel.com>
Source record: 275775

In article <1994Apr4.110302.1@cad3.uccb.ns.ca> rling@cad3.uccb.ns.ca writes:

>Can anyone tell me the best commercial base station antenna for
>cellular only!
>thanks in advance!
>ron

>rling@cad.uccb.ns.ca

Antenna Specialists has a huge catalog of their commercial antennas including the same antennas the cellular companies use. Remember, you will pay commercial prices. I don't see why they wouldn't sell them to private parties (unless they know what you are going to use it for :-)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2316. Re: BC200XLT Battery Rebuild

Newsgroup: rec.radio.scanner
Date: 1994-04-05 13:02:21 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.110.000D0A71@ccm.hf.intel.com>
Source record: 275788

In article <98@n3igw.PGH.PA.US> sprouse@n3igw.PGH.PA.US (Ken Sprouse) writes:

>I'm sure there are also other dealers around. I heard one time that
>someone makes batteries and a drop in rapid charger for the Bearcats but
>I have never seen it. These were just the first ones I ran across in
>the April issue of QST. Hope this helps. Talk with you whenever. . .

Metro West sells these, as well as "docking-station" type base stands.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2317. Re: Radio Shack's Ham Portables

Newsgroup: rec.radio.scanner
Date: 1994-04-05 13:04:58 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.111.000D15A0@ccm.hf.intel.com>
Source record: 275789

In article <CnsrE6.5tA@inmet.camb.inmet.com> leber@panther.warm.inmet.com (Thomas Leber) writes:

>I have an HTX-202. It's a solid, reliable rig at a good price. I understand
>the 404 is it's near-identical twin in UHF. If you're looking for a rig
>with extended reception capability, forget the RS HT's. Their front ends
>are intentionally quite narrow, to make them resistant to intermod. There
>are no mods to extend their frequency ranges because of this.

I remember seeing a keypad mod to expand the RX on the 404 (not the 202), so it may not be as tight as the 202.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2318. Freqs. - PA & NJ State Police??? I know it's likely that this has been posted before but could someone put them out there again? Any truth to the rumor that Radio Shack is no longer permitted to publish this information? Thanks in advance!

Newsgroup: rec.radio.scanner
Date: 1994-04-05 13:14:11 UTC
From: (unknown)
Message-ID: <1994Apr5.131411.23707@erenj.com>
Source record: 275873

This article was probably generated by a buggy news reader.

2319. Re: Hear AM air freq image on FM VHF rcvr?

Newsgroup: rec.radio.scanner
Date: 1994-04-05 13:58:10 UTC
From: a32@server.uwindsor.ca
Message-ID: <CnsHGz.1G@uwindsor.ca>
Source record: 275874

In article <1994Apr4.175340.7155@news.csuohio.edu> mike@garfield.csuohio.edu (Mike Mayer) writes:
>
>What does an AM transmission sound like when heard on an FM receiver?
>How about an IMAGE of an AM transmission heard on an FM band?
>
>Occasionally, (on average, once an hour) I hear what sounds like off-
>frequency splatter from an adjacent channel close to the one I
>have tuned in my scanner. The frequency I'm tuned to is 154.935,
>which is Ohio L.E.E.R.N. (used for police mutual aid, etc.).
>
>The transmission I hear is audible but garbled, but definitely not
>the "Donald Duck" sideband, but more like bleedover (splatter)
>you hear on an adjacent CB channel if someone is transmitting
>really close by.
>
>I can't make out what the person is saying, but I do seem to hear
>that familiar (400Hz?) background hum you hear on most tranmissions from
>aircraft on the AM Air band.
>
>My first assumption is that its simply off-frequency bleed, so I set
>the scanner to scan three frequencies above and three below the
>154.935, in the usual 5Khz spacing (.920, .925, .930, *.935*,
>940, .945, .950) in hopes of "bracketing" the bleedover and catching
>it on a frequency nearby. No luck. This lead me to think that perhaps
>I was picking up an AM Air frequency image in the 150MHz FM VHF band.
>
>So, I whip out the calculator and sure enough,
>154.935 - 21.4 (2*10.7 IF) = 133.535 lands me right in the
>AM Air band. Three questions:
>
>1. What does an AM transmission sound like on FM? Garbled?
>
>2. What is the likelihood that an AM image will show up and
>break squelch on an FM band 21.4MHz above?
>
>3. 133.535 MHz I do not recognize as any frequency being used
>by either Cleveland Hopkins or Akron/Canton airports. Does not
>show up anywhere in Police Call. (which really did not surprise me)
>Any insight from anyone?
>
>Stumped,
>
>Mike

>
>
>--
>^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
>Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
>Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
>Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
>v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^v^

133.525 is a Cleveland Centre frequency for "high" aircraft remoted from
Sandusky. You will easily hear the aircraft but not the ground transmission.
Brian

--
Brian Atkinson A32@server.uwindsor.ca
The opinions expressed here are mine alone - nobody else wants them.

2320. Colorado Springs Scanner Buffs?

Newsgroup: rec.radio.scanner
Date: 1994-04-05 16:13:10 UTC
From: tvervaek@col.hp.com
Message-ID: <2ns2mm$dpv@hp-col.col.hp.com>
Source record: 275776

Looking for folks in the Colorado Springs area who are scanner buffs.
Please reply by email. Thanks.


```
( ___ )------------------------------------------------------------( ___ )
| / | Tom Vervaeke Email: tvervaek@cs.itc.hp.com | \ |
| / | Hewlett Packard Co. Phone: 719-590-2133 | \ |
| / | Colorado Springs, CO. | \ |
| / | | \
|___| I love animals. They taste delicious. |___|
(_____)------------------------------------------------------------(_____)
```

2321. BC250 - Any Mods?

Newsgroup: rec.radio.scanner
Date: 1994-04-05 16:17:41 UTC
From: kavolius@Virginia.EDU
Message-ID: <CnsnxH.Bsr@murdoch.acc.Virginia.EDU>
Source record: 275777

I am new to this group so hello to all.....
Are there way to upgrade this old receiver to aircraft for example.
Are there any other published or unpublished mods?

Thanks in advance.

--
Vytas A. Kavolius
kavolius@hopper.itc.virginia.edu

2322. Re: Radio Shack's Ham Portables

Newsgroup: rec.radio.scanner
Date: 1994-04-05 16:22:30 UTC
From: dbashaw@synoptics.com
Message-ID: <Cnso5I.MLx@synoptics.com>
Source record: 275778

vhealey@crl.com (Victor Healey) Wrote:
> Get the Alinco DJ580 if you can afford it! It is light years
>better then any radio shack offering at present. A really big bang for
>the buck!

dj-580! Its a good radio. The only thing the RS rig leaves out is the intermod reception. Lots of users like that omission :>)

Dave Bashaw
wa6qwl

2323. Re: Presidental Security

Newsgroup: rec.radio.scanner
Date: 1994-04-05 16:26:00 UTC
From: gregory.halpin@bitbytes.clark.net
Message-ID: <e5.2939.143.0NE0A33C@bitbytes.clark.net>
Source record: 275779

Macy M. Hallock, Jr. asked:

M>Now, if Clinton rode Amtrack, what would the desination be?

Well, when then-President Bush had a campaign train prior to the 1992
elections, that train (actually trains) was known as "POTUS 1".

And if you didn't figure it out, POTUS stands for "President Of The
United States".

2324. IDEA - several

Newsgroup: rec.radio.scanner
Date: 1994-04-05 16:26:00 UTC
From: gregory.halpin@bitbytes.clark.net
Message-ID: <e5.2940.143.0NE0A33D@bitbytes.clark.net>
Source record: 275780

VH> Have you purchased a scanner only to find that it doesn't have
>all the features that are found in a similar product from another
>manufacturer? I propose to start a collection of ideas that list a
>desirable feature or a proposed enhancment to exisiting designs that will
>be listed here periodically.

Here are several that come to mind:

1. Multiple priority settings - as most scanners are currently set up, you have ONE priority channel. On some scanners it is channel 1, on others (RS) it is programmable to any ONE channel. My suggestion would be to have several priority channels, i.e. PRIORITY 1, PRIORITY 2, and PRIORITY 3. PRIORITY 1 is *THE* priority channel. it overrides any other channel when a signal is present. PRIORITY 2 would be second priority, in that it would override any other channel except PRIORITY 1 when a signal is present. And, PRIORITY 3 would override all channels except PRIORITY 1 and PRIORITY 2 when a signal is present. Also, if they could eliminate the "loss of signal" when a priority channel is being checked (you know, that little blank spot in a signal on a channel when the scanner checks the priority channel for a signal) that would be an improvement.

2. Alphanumeric displays - some models have them (I don't have any), but this should probably be a standard item. Don't know if I would use it, but I'd like to have it.

3. Digital clock - the Bearcat 250 had it, but I haven't seen it since. It would be nice to push a button on the scanner and see the time.

4. Built in CTCSS/PL capabilities - Apparently some newer model have this? I can see an advantage to this.

5. Built in DTMF decoder - I can think of several uses for this. I've seen add-ons, why not build it into the unit.

6. Programmable scanning speed - You want to scan 16 channels per second, you press "SPEED - 1 - 6 - ENTER" and you scan 16 channels per second.

7. Display off - You've got a hand held on your belt. Why use up your precious battery life by running an LCD display you can't see? Make a display off switch.

8. Remote control - I have my scanner right next to my recliner. But if it's across the room, why not a remote control (wireless) to operate the scanner? Maybe have the front of the scanner removable, so it turns into a remote control. If wireless is not possible, how about a hard wired

remote control?

When more ideas arrive, I'll post them.

cc: vhealey@crl.com

2325. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-04-05 17:02:09 UTC
From: Bruce Harper <bharper@vt.edu>
Message-ID: <2ns5ih$s81@solaris.cc.vt.edu>
Source record: 275781

The police dispatchers here in Blacksburg, Va. (population without Va. Tech students is less than 15,000) are pretty good--they are professional but can have their lighter moments also. Several of the banks have their alarm systems tied into the police department. The most common reason for an alarm to trip is forgetfullness on the part of a teller, who doesn't turn off the alarm before opening the cash drawer in the morning. The dispatcher will send the officers to "Bank alarm, B-7" (the banks are all numbered, rather than giving out a specific name or street address), the usually in a minute or two broadcast that "a bank employee will meet you at the back door; she is wearing a white blouse and a blue skirt." Several years ago, the call went out on Halloweeen morning for a bank alarm, with the quick "a bank employee will meet you" follow-up. The dispatcher was chuckling as she said, "she is dressed up as a bank robber!" The officer responding didn't see the humor in that, as he replied with a terse "Make sure she is not carrying any type of weapon when she comes out." I would have liked to have heard the chat the officer had with the bank manager after that incident.

Bruce

2326. Re: Freqs. - PA & NJ State Police???

Newsgroup: rec.radio.scanner
Date: 1994-04-05 17:19:35 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2ns6j7$ncq@cronkite.ocis.temple.edu>
Source record: 275782

EC () wrote:
: This article was probably generated by a buggy news reader.

Well, for starters, how about putting the body of the message
in the body of the article, not in the title, and second, put the
title in the title, not in the body.

I'd sure say a buggy news reader.. anyway, for those who can't
read the body of the article, here it is..

Subject: Freqs. - PA & NJ State Police???
I know it's likely that this has been posted before but
could someone put the out there again?
Any truth to the rumor that Radio Shack is no longer
permitted to publish this information? Thanks in advance!

This article was probably generated by a buggy news reader.

----
well, first of all, I dunno where you got your information, but
if you look at police call, which I buy from radio shack,
(I'm looking at the 1994 version) I see plenty of
pennsylvania state pd frequencies, and plenty of
nj state pd frequencies. I would reccomend you look at the book
again.

FYI: First, information is free, so there would be no such
thing that they couldn't publish it. (correct me if I'm wrong)
and second, all (most all) of the njsp operations occur on the
800 trunking frequencies, except for a few (rare) ones which are
still MIRRORED on vhf or lo band. depending on where you are.

PSP haven't done a thing to their radios and I don't believe that
they have plans to change. look in the 155 band for PSP.

--

[AUTO .Sig posting]

##
# #
Scanner BBS 610-525-4004
14.4K / 24 hours/day / no ratios / CD ROM
120 min/day / no verification
call today and do all the downloading you
want! that is what it's here for!

```
# #
# Specializing in Scanner & Ham radio files #
# and catering to Cellular phone interests #
# and Text files galore. #
# #
##################################################################
```

2327. Re: Radio Shack's Ham Portables

Newsgroup: rec.radio.scanner
Date: 1994-04-05 17:32:30 UTC
From: leber@panther.warm.inmet.com
Message-ID: <CnsrE6.5tA@inmet.camb.inmet.com>
Source record: 275783

In article <2nq8gk$958@mustang.alleg.edu>, Gordon Berlin <ACARA> wrote:
> Any hams out there have an opinion on RS's ham shacks? I will be
>getting my no-code soon and was looking at the HT404 or an Alinco DJ-580T.
>I like the Alinco because of the scanning capabilities. Any suggestions?

I have an HTX-202. It's a solid, reliable rig at a good price. I understand the 404 is it's near-identical twin in UHF. If you're looking for a rig with extended reception capability, forget the RS HT's. Their front ends are intentionally quite narrow, to make them resistant to intermod. There are no mods to extend their frequency ranges because of this.

I have a Yaesu FT-530, which I use when I need extended reception capability.

Hope this helps,
Tom

--

Tom Leber N3QKV <leber@panther.warm.inmet.com> Intermetrics, Inc. Warminster PA
"Smother technology and it rebels." - Max Headroom

2328. Re: Pro-46 Mods??

Newsgroup: rec.radio.scanner
Date: 1994-04-05 18:33:04 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <9404052315.AA718@nwugate.fidonet.org>
Source record: 275784

d> Where can I get info on cellular mods for the Pro-46?

Product: Realistic PRO-46 by Radio Shack
Purpose: Restoration of full 800 Mhz coverage

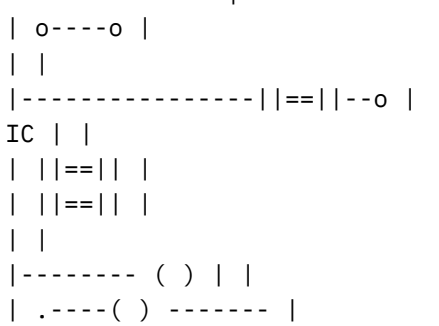
The modification of this unit is from the May, 1993 issue of
Monitoring Times, published by Grove Enterprises.

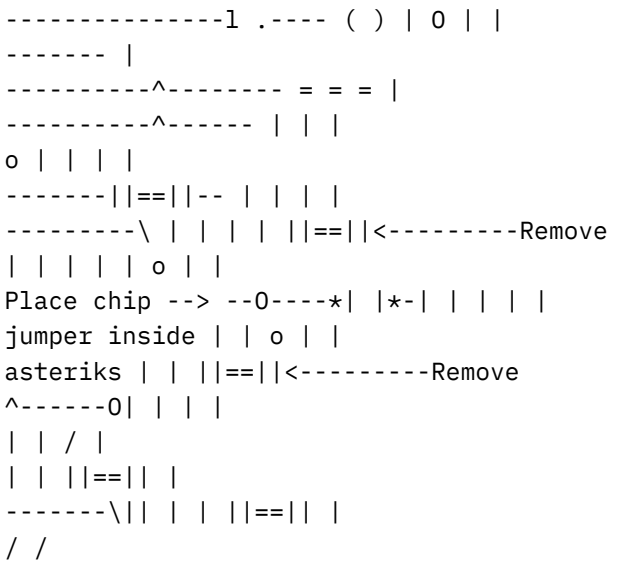
** Disclaimer: All modifications are done at your own risk. This
product uses surface mount components which can be easily damaged.
Do not perform this modification if you are not experienced with
this type of circuitry. This will void the warranty of your scanner.

** Listening to certain portions of the 800 Mhz band is prohibitted
by United States law.

Modification of PRO-46 for full 800 Mhz coverage with 30 Khz stepping
available.

1. Remove the battery pack, battery door and antenna.
2. Remove the four black screws from the back of the radio, then
push upward on the bottom of the rear of the case, carefully
swinging it upward and removing it.
3. Carefully insert a small screwdriver between the two boards
next to the interconnect plug in the lower right corner. Gently
pry the top board up to separate it and set it aside.
4. Unsolder the copper-coated plastic shield from the microprocessor
and set it aside. ** CAUTION!! Too much heat will damage the
shield. **
5. Locate the two chip jumpers imprinted with "0". Carefully unsolder
and remove both.
6. Solder one chip jumper across the two upper most unused solder
pads. (Soldering a jumper across the lower two pads changes the
30-50 Mhz band to 68-88 Mhz.)
7. Reverse steps 1-4. The modification is completed.





Jerry
* Evaluation copy of Silver Xpress. Day # 0

2329. Re: Best call you've heard

Newsgroup: rec.radio.scanner
Date: 1994-04-05 18:38:48 UTC
From: copeland@metronet.com
Message-ID: <CnsuGp.8zt@metronet.com>
Source record: 275785

I heard a woman talking about an orgy she participated in with a girl friend. She stayed up till 3:30am snorting cocaine and had to take four xanax to come down the next morning.

Here friend then asked if she wanted to come over for easter dinner. Now why can't I find a girl like this in my church. :-)

2330. Re: Radio Shack's Ham Portables/On Sale

Newsgroup: rec.radio.scanner
Date: 1994-04-05 19:01:15 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-050494110436@earl.llnl.gov>
Source record: 275786

For what it's worth, the 2 RS handhelds are on sale now. I think they were
$80 off.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

2331. Re: RS 2006 best buy?

Newsgroup: rec.radio.scanner
Date: 1994-04-05 19:45:07 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Apr5.124507.3908@cmkrnl>
Source record: 275787

In article <2nqq31$7sq@search01.news.aol.com>, sirjeeves@aol.com (Sir Jeeves
) writes:
> The current model shipping is the 'a' version. This is a revision from the
> older model. They changed the 'light' control to a 'switch' - a GREAT
> improvement. I guess most people found they either had it all the way up (on)
> or all the way down (off). No other changes that I am aware of between the
> older version and the 'A'. If you buy own locally, and they don't have one in
> stock, they may try to sell you the demo (floor) model, which may have the dial
> instead of the switch.

Not quite. They've never had a dial-type control there. What they had was a
switch labelled "dimmer" that changed the display backlight between two
brightness levels.

Btw, that display backlight is an electroluminescent panel, and Bill Cheek
reports that it *will* go dim over the years, eventually needing replacement.
Field replacement by a hobbyist is possible but a real devil of a job (a lot
tougher than clipping a diode). If you have a model with a "dimmer" switch,
use it on the "dim" setting whenever possible, as this will extend the life of
the EL unit.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

2332. Re: suggestions for combo ham/scanner xcvr?

Newsgroup: rec.radio.scanner
Date: 1994-04-05 20:31:50 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Apr5.203150.11589@rsg1.er.usgs.gov>
Source record: 275790

In article <2nobmf$ne0@search01.news.aol.com>, tdobbins@aol.com (TDOBBINS) writes:
|> In article <2no4ob$8ul@hebron.connected.com>, danm@hebron.connected.com (Dan
|> Morisseau) writes:
|>
|> >> In article <1994Apr3.234757.18960@alw.nih.gov>,
|> >> Neil Weisenfeld <weisen@alw.nih.gov> wrote:
|> >> I'm working toward my no-code tech license and wanted to know if anyone
|> >> had suggestions for good general coverage scanner/2M handheld,...
|>
|> > Neil,
|> > I have and recommend an Alinco DJ-580T. It is a dual band (2
|> > meter/ 70 cm) ham handheld that will recieve most typical scanner
|> > frequencies right out of the box and a simple mod will enable listening
|> > to cell phones and other 800 mHz stuff (I don't do it, but...). It has a
|> > toatl of 40 memory channels for ham freqs or scanner listening
|>
|> Another good dual band HT with similar features is the Icom IC-W2A. It's a
|> keyboard "mod" for cell freqs. and there's also an internal mod for extending
|> the tx freqs.
|>

The problems with the W2A are the limited (read none) sensitivity outside the
ham and public service bands and no wide FM mode. The 2SRA makes a much better
scanner than either the 580 (which I've owned) or the W2A...

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

2333. Re: Wanted pocket tone dialer

Newsgroup: rec.radio.scanner
Date: 1994-04-05 20:56:44 UTC
From: ala@austin.ibm.com
Message-ID: <Cnt0uM.4C0x@austin.ibm.com>
Source record: 275791

In article <2n6t8h$93k@hp-col.col.hp.com>, cab@col.hp.com (Chris Best) writes:
> > Does anyone know where i can buy a pocket tone dialer, something
> > like radio shacks 43-139 but with about 10 memories.
>
> ----------
>
> The 43-141 has 33 memories.

Actually the 43-141 was discontinued a few months ago.

The newer version is I believe 43-143 and is a lot sleeker looking. Black keys, redesigned entirely.

Al

2334. Re: Wanted pocket tone dialer

Newsgroup: rec.radio.scanner
Date: 1994-04-05 20:58:48 UTC
From: ala@austin.ibm.com
Message-ID: <Cnt0y1.51EJ@austin.ibm.com>
Source record: 275792

Oops I meant black case-not keys!

Al

2335. Re: Suggestions for ultimate scanner design (proposal)

Newsgroup: rec.radio.scanner
Date: 1994-04-05 21:19:47 UTC
From: jqtaylor@boi.hp.com
Message-ID: <Cnt1x0.L02@boi.hp.com>
Source record: 275793

I would like a remote scan button (wire or wireless) to put under my pillow.
A simple mini-headphone-type jack would do it.

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MST = GMT - 7) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 430 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

2336. Re: Searching Military Air Freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-05 21:54:30 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.765582870@constellation.ecn.purdue.edu>
Source record: 275794

henryb1275@aol.com (HenryB1275) writes:

>--
>Don't forget an antenna designed for the 225-400 Mhz. band, outside if
>possible. A discone is great for this band, with high quality RG8 coax. Still,
>you have to be listening at the right time to hear anything. Refueling freqs
>are a good place to start.

OK, how abouit a good list of the refuleing freqs. ???

Duane

2337. Re: RS 2006 best buy?

Newsgroup: rec.radio.scanner
Date: 1994-04-05 21:55:31 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.765582931@constellation.ecn.purdue.edu>
Source record: 275795

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>All things considered, the 2006 is a very good radio. You comment on RS RF
>products is true to some extent. Their quality (in manufacturing) is not too
>hot. My 2005 could never pick up 1.2 GHz Ham freqs. In the past few months I
>have noticed that 800 MHz is starting to fade. I have the sevice manual, so I

Can you give me the part number for the service manual? One of the local
Rat Shacks is trying to find it for me, so if I can get the number for them
it may be helpful....

>figure I'll have to give it a tune up soon. Anyone else notice that the
>sensitivty is getting worse?
>The PRO-200x series and others are made by GRE.

While we're on the subject, I just acquired a 2006 (which I might add
seem to be getting harder to get almost by the minute). I presume somebody out
there has something like a "canonical" list of mods available for this radio...??????

Duane

2338. Re: Radio Shack's Ham Portables

Newsgroup: rec.radio.scanner
Date: 1994-04-05 21:59:31 UTC
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Message-ID: <1994Apr5.215931.29506@mixcom.mixcom.com>
Source record: 275796

In <Cnso5I.MLx@synoptics.com> dbashaw@synoptics.com (David Bashaw) writes:

>vhealey@crl.com (Victor Healey) Wrote:
>> Get the Alinco DJ580 if you can afford it! It is light years
>>better then any radio shack offering at present. A really big bang for
>>the buck!

>dj-580! Its a good radio. The only thing the RS rig leaves out is the intermod reception.
Lots of users like that omission :>)

I agree. The Alinco DJ580T and Yaesu FT530 make good radios for those
who want both an HT and a scanner in a single unit. When you get mobile
with a whip antenna (5/8 wave) in bad areas of the city (high RF energy)
the intermod will make the wide band HT's useless. I own a 580 and have
seen the good and the bad.

In my car, I use a Yeasu FT2400. Best damned 2-meter mobile around!

--
/`-_ kevin.jessup@mixcom.com
{ }/ Marquette Electronics, Inc
\ / N9SQB, ARRL, Amateur Radio
|__*| N9SQB @ WD9ANY.#MKE.WI.USA.NA

2339. Re: suggestions for combo ham/scanner xcvr?

Newsgroup: rec.radio.scanner
Date: 1994-04-05 22:14:23 UTC
From: jganhold@magnus.acs.ohio-state.edu
Message-ID: <2nsnrv$hc8@charm.magnus.acs.ohio-state.edu>
Source record: 275797

In article <1994Apr3.234757.18960@alw.nih.gov>,
Neil Weisenfeld <weisen@alw.nih.gov> wrote:
>I'm working toward my no-code tech license and wanted to know if anyone had
>suggestions for good general coverage scanner/2M handheld, I'd appreciate
>it. A number of units have been mentioned, but I'm curious what people
>think of them as scanners. I'd love my Pro-43 with a transmitter tacked on
>:-).
>
>Also, although I'm not interested in cellular scanning, I do listen to
>800MHz trunked systems so if any models are going to be particularly
>destroyed after the 26th cutoff date, I'd appreciate the info (and won't
>wait to make my purchase).

I've owned the Alinco DJ-580, the Yaesu FT-470 and FT-530 and now own
a Standard C528A. The Standard is the nicest, most well built radio of
the 4. It has great audio, and lots of features. The only thing it's
lacking that I liked in the other radios are more memory channels (it
has 10 per band) and the FT-530 had a really nice battery voltage
meter you could enable when the subband was off.

-j

--
Jon Anhold N8USK (jganhold@magnus.acs.ohio-state.edu)
"Where you come from is gone. Where you thought you were going was never
there, and where you are ain't no good unless you can get away from it."
This .sig has been brought to you by the numbers 3 and 9 and the letter "Z"

2340. Re: IDEA - several

Newsgroup: rec.radio.scanner
Date: 1994-04-06 00:33:55 UTC
From: vanderby@mprgate.mpr.ca
Message-ID: <1994Apr6.003355.7026@mprgate.mpr.ca>
Source record: 275798

gregory.halpin@bitbytes.clark.net (Gregory Halpin) writes:
>7. Display off - You've got a hand held on your belt. Why use up your
>precious battery life by running an LCD display you can't see? Make a
>display off switch.

LCD displays do not use very much power. The increase in battery life
would be insignificant.

2341. Scanner BBS in So California Area?

Newsgroup: rec.radio.scanner
Date: 1994-04-06 01:21:04 UTC
From: lasercpts@aol.com
Message-ID: <2nt2q0$lfc@search01.news.aol.com>
Source record: 275799

Does anyone know of some good Scanner bbs number for the Los Angeles area?
Appreciate it.

2342. ICOM R-7100 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-04-06 01:22:02 UTC
From: lasercpts@aol.com
Message-ID: <2nt2rq$lfm@search01.news.aol.com>
Source record: 275800

Does anyone have a list of mods for the ICOM R-7100. Anyone figured out how to make it scan faster? Any info would be greatly appreciated.

2343. Re: ICOM R-7100 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-04-06 02:14:28 UTC
From: warren@bluesky.com
Message-ID: <2nt5u4$rno@pdx1.world.net>
Source record: 275801

In article <2nt2rq$lfm@search01.news.aol.com>
lasercpts@aol.com (Laser Cpts) writes:

> Does anyone have a list of mods for the ICOM R-7100. Anyone figured out how to
> make it scan faster? Any info would be greatly appreciated.

DeltaComm has ads in the scan mags that say 1300 to 1800 scan per
minute (22 to 30 a second). Anybody know if this is a hardware or
software method?

The R-7100 User and Tech manuals fail to specify any rate at all.

2344. Frequency Counter

Newsgroup: rec.radio.scanner
Date: 1994-04-06 02:17:34 UTC
From: mahjmac@netcom.com
Message-ID: <mahjmacCntFpA.DqJ@netcom.com>
Source record: 275802
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I recently purchased the RS frequency counter, and find it a very neat utility. Already used it to determine the frequency of several gizmos I've collected over the years!

I'm wondering if anyone out there has had any luck with using one in close proximity to a large trasmitting tower such as utilities and public service departments (police, fire, etc.) use. Is there any kind of directional antenna that could be attached to this thing to make it useful in the situation described.

Thanks!

Mike
--

| Michael A. Hotz J.M. Allen Creations mahjmac@netcom.com |
| Of course my opinions represent those of my company, I own it! ;-) |

2345. Kansas City Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-06 03:34:10 UTC
From: "Scudder, James" <AE85@ACADEMIC.NEMOSTATE.EDU>
Message-ID: <05APR94.23295156.0169@ACADEMIC.NEMOSTATE.EDU>
Source record: 275803

Anyone have a list of KC area frequencies? Especially looking for
Adam's Mark Hotel and Royal's Stadium Frequencies. I understand
someone listed an FTP sight with this info a while back.
Thanks in advance for any help with this.

James Scudder
WB0RPS
AE85%NEMOMUS.BITNET@ACADEMIC.NEMOSTATE.EDU

2346. Re: IDEA - several

Newsgroup: rec.radio.scanner
Date: 1994-04-06 08:51:18 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.112.0008DB26@ccm.hf.intel.com>
Source record: 275807

In article <e5.2940.143.0NE0A33D@bitbytes.clark.net> gregory.halpin@bitbytes.clark.net (Gregory Halpin) writes:

>1. Multiple priority settings - as most scanners are currently set up,
>you have ONE priority channel. On some scanners it is channel 1, on
>others (RS) it is programmable to any ONE channel. My suggestion would
>be to have several priority channels, i.e. PRIORITY 1, PRIORITY 2, and
>PRIORITY 3. PRIORITY 1 is *THE* priority channel. it overrides any other
>channel when a signal is present. PRIORITY 2 would be second priority,
>in that it would override any other channel except PRIORITY 1 when a
>signal is present. And, PRIORITY 3 would override all channels except
>PRIORITY 1 and PRIORITY 2 when a signal is present. Also, if they could
>eliminate the "loss of signal" when a priority channel is being checked
>(you know, that little blank spot in a signal on a channel when the
>scanner checks the priority channel for a signal) that would be an
>improvement.

I used some Motorola mobile radios in the San Jose Emergency Operation center that had this feature. It works very well. They have 3 priority levels. Motorola seems to do it in the background also which is the ONLY way to do it. There is no drop-out of the channel you are listening to, while it checks for activity.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2347. Re: New Pro 43 failed yesterday!

Newsgroup: rec.radio.scanner
Date: 1994-04-06 09:00:06 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.113.000900B2@ccm.hf.intel.com>
Source record: 275810

In article <2nuagr$6sr@crl2.crl.com> vhealey@crl.com (Victor Healey) writes:

> Of all the things a new Pro 43 failed while driving down the road
>yesterday! No audio! After checking it out on return I discovered the
>internal speaker went awol! Today we may have tornado's! This is what I
>bought the radio for in the first place, for use during the tornado
>season! Darn you radio shack for specifiying parts that are the bare
>minimum to get the job done.

If it makes you feel any better (I doubt that), I have seen lots of people who
have had the exact same thing happen. At least Radio Shack is consistent!

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2348. Re: Radar Detectors??

Newsgroup: rec.radio.scanner
Date: 1994-04-06 09:17:41 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.114.00094BC2@ccm.hf.intel.com>
Source record: 275693

In article <2nubhp$9rp@usenet.INS.CWRU.Edu> bz223@cleveland.Freenet.Edu (Danny Guy Frezza) writes:

>Could someone please tell me if there is a dedicated newsgroup or mailing list
>for people interested in Radar Detectors (For Cars) in terms of how they work,
>problems, tips, and creative uses of it. I can't seem to find much on it.
>Any help would be appreicated.

I'm pretty sure there was a group dedicated to this topic about 3 years ago,
but it looks like it is gone now. The newsgroup that covers this topic is
sci.electronics They cover lots of topics, including radar and electronics
hacking, but there is so much traffic on this group it is hard to keep up
with. People seem to be quite helpful there.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2349. Re:Neat radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-04-06 12:18:52 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.9.000C50E5@cornell.edu>
Source record: 275817

The idea of using one in your car, espically in one of those states that squelch our rights to listen to what we want, is that you can hide your scanner and listen on your car stereo. Thus if you get stopped for whatever all you have to do is turn your car radio down and not worry about the " scanner police" giving you a hassell about your scanner. Not that I would ever actually advocate breaking the law, just some hypothetical thoughts.
Carl

2350. Re: IDEA - several

Newsgroup: rec.radio.scanner
Date: 1994-04-06 12:26:05 UTC
From: vhealey@crl.com
Message-ID: <2nu9ot$6dl@crl2.crl.com>
Source record: 275804

In article <1994Apr6.034538.17386@alw.nih.gov>,
Neil Weisenfeld <weisen@alw.nih.gov> wrote:
>David Vanderbyl (vanderby@mprgate.mpr.ca) wrote:
>: LCD displays do not use very much power. The increase in battery life
>: would be insignificant.
>
>Alright, so while we're at it, old fashioned (or some newer technology) LED
>displays that can be seen (like in the car at night). Of course,
>we need to keep to battery life long, too ;-).
>
>--Neil
>
>
>--
>Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
>Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
>Bethesda, MD 20892 Fax: 301/402-2867

Neil I saved this to the IDEA file I am collecting but may I add
some observations. LEDS eat batteries. My Alinco DJ580 has a beautiful
glowing green luminace with the 'LIGHT' switched on. It is quite plesant
IMHO to have clipped near the dash at night. The display is very readable.
The keyboard also lights up as on all the newer ham gear. I like the fact
that the light times out after a few UNLESS a sequence is used to force
it to stay on until commanded to go out. Does anyone know what technology
Alinco and others use for luminance?

Vic Healey ki4je

vhealey@crl.com

2351. Mobile restrictions in NY & NJ?

Newsgroup: rec.radio.scanner
Date: 1994-04-06 12:34:44 UTC
From: jswan@elaine53.Stanford.EDU
Message-ID: <JSWAN.94Apr6123444@elaine53.Stanford.EDU>
Source record: 275700

Hopefully my new PRO-43 from Marymac will be here in a couple days, and then I'll be travelling to NY & NJ.

Any restrictions on mobile use in these states. I know there's a book you can buy about this, but since it's only two states and short notice I'd appreciate it if someone could tell me.

Thanks,

Jay

2352. Re: St. Louis scanner enthusiasts

Newsgroup: rec.radio.scanner
Date: 1994-04-06 13:31:48 UTC
From: wbloss@delphi.com
Message-ID: <B8xPaYc.wbloss@delphi.com>
Source record: 275805

Armadillo1 <armadillo1@aol.com> writes:

>In article <pU0OoHp.wbloss@delphi.com>, wbloss@delphi.com writes:
>
>There is a rumor of a local scanner group forming. Mike Redman is the person to
>contact for info, I just haven't gotten around to it yet.
>
>If you could e-mail me a local address, I do have a list of some frequencies
>that might be of use to you. I have a lot more burried somewhere in the files,
>but haven't quite had enough time to get it organized.
>
>Ken

Hello Ken (?)
Actually I didn't write that...but am glad to see it happening. Mike has a
real nice 2 page St Louis area police dispatch grid which he has researched
and I have embellished with some graphics stuff. As I'm sure you know, Mike
pulled together a St Loouis meeting last year, and I'm glad to see this is
forming.
Mike's Address is: Mike Redman
PO Box 16673
St Louis, Mo 63015

Good luck to you all!

Wally Bloss
St Joseph
WB0BAV

2353. Re: Pro-43 Help

Newsgroup: rec.radio.scanner
Date: 1994-04-06 14:04:07 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.116.000E1204@ccm.hf.intel.com>
Source record: 275821

In article <2nv0te$qrl@eagle.lerc.nasa.gov> yyjdb@jzola.lerc.nasa.gov (John Burkett) writes:

>In article <2780@wtcp.daytonoh.ncr.com>,
>Bruce Langos <blangos@wtcp.DaytonOH.NCR.COM> wrote:
>>When I try to enter frequency 860.052 which is a frequency a local
>>police department utilizes, the Pro-43 display says 860.050. I do
>>not hear anything on the channel. Should the frequency be entered
>>as 860.625 for the 12.5 khz stepping?
>>
>I have the same problem. The local police recently added a frequency
>that none of my friends with pro-43 can receive. They are phasing
>the old freq out.
>The pro 43 rounds them off.
>The new channel is in the 850 something range, all we can get is
>bleed over, not very clear either.

>Don't know what to tell you other then buy a scanner with selectable
>channel spacing, because we can receive it on one friends scanner,
>I think it is an AOR look a like.
>-John.

The front-end of the scanner should be wide enough so that being slightly off-frequency should not affect your ability to receive the traffic. At worst it should be a little distorted.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2354. Re: IDEA - remote control

Newsgroup: rec.radio.scanner
Date: 1994-04-06 15:46:03 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2nulfr$gt8@slinky.cs.nyu.edu>
Source record: 275806

```
|> 8. Remote control - I have my scanner right next to my recliner. But if
|> it's across the room, why not a remote control (wireless) to operate the
|> scanner? Maybe have the front of the scanner removable, so it turns into
|> a remote control. If wireless is not possible, how about a hard wired
|> remote control?

ICOM R7000 (and up, probably). Does the R100 have one? I seem to recall an
in-dash multiband with IR remote. I recall thinking...

But why?

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend
```

2355. Re: Pro-43 Help

Newsgroup: rec.radio.scanner
Date: 1994-04-06 15:53:05 UTC
From: mulligan@ACM.ORG
Message-ID: <2nult1$28c@hopper.acm.org>
Source record: 275808

> When I try to enter frequency 860.052 which is ....

In the U.S., 860.052 is not a valid frequency. In this band the FCC assigns 860.x125, .x375, .x625 & .x875 (i.e. 25 kHz steps). Occasionally you'll come across the 12.5 kHz breaks (.x000, .x250, .x500 & .x750). Your Pro-43 accepts 12.5 kHz intervals and rounds anything else down. You might want to check the actual frequency the PD is using.
/* barry /&

2356. Re: RS 2006 best buy

Newsgroup: rec.radio.scanner
Date: 1994-04-06 15:53:41 UTC
From: mulligan@ACM.ORG
Message-ID: <2nulu5$28c@hopper.acm.org>
Source record: 275809

> Can you give me the part number for the service manual?

Replacement / repair parts for all Tandy products can be ordered from:

Tandy National Parts
900 E. Northside Dr.
Fort Worth TX 76102
(800) 442-2425

If you can't reach a U.S. '800' number, call (817) 870-5600. Give them the catalog number (20-144 for the Pro-2005) for the product and and ask for the service manual. They take plastic, deliver promptly, and are the best run division in Tandy (which may be damning with faint praise). You'll also skip the markup your local store may elect to charge.
/* barry /&

2357. Re: New Pro 43 failed yesterday

Newsgroup: rec.radio.scanner
Date: 1994-04-06 16:17:23 UTC
From: mulligan@ACM.ORG
Message-ID: <2nunaj$2ck@hopper.acm.org>
Source record: 275811

> Of all the things a new Pro 43 failed while driving down the road
> yesterday! No audio! After checking it out on return I discovered the
> internal speaker went awol!

When you turn in your Pro-43 for warranty service, the repair center should install the new version of the speaker. Radio Shack now has a 500mw speaker ($11 if you have to buy it) as a replacement for the 200mw one. The original part number was EAS-3P123A and the new one is supposed to be 127.

/* barry /&

2358. Re: New Pro 43 failed yesterday!

Newsgroup: rec.radio.scanner
Date: 1994-04-06 16:21:25 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-060494082232@earl.llnl.gov>
Source record: 275812

In article <2nuagr$6sr@crl2.crl.com>, vhealey@crl.com (Victor Healey) wrote:
>
>
> Of all the things a new Pro 43 failed while driving down the road
> yesterday! No audio! After checking it out on return I discovered the
> internal speaker went awol! Today we may have tornado's! This is what I
> bought the radio for in the first place, for use during the tornado
> season! Darn you radio shack for specifiying parts that are the bare
> minimum to get the job done.
>
I recall seeing a post about a replacement speaker for the PRO-43 from RS that had a higher power rating. I think the newer units incorporate the newer speaker. I can't find the post so I don't have the part #.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

2359. Need freqs for AZ, UT, NM, and CO

Newsgroup: rec.radio.scanner
Date: 1994-04-06 16:52:23 UTC
From: j.stonier@ma30.bull.com
Message-ID: <1994Apr6.165223.11447@claude.ma30.bull.com>
Source record: 275813

I'm planning a trip to the four corners area. (Arizona, Utah, New Mexico, and Colorado). Anyone have good, military and civilian, frequencies for the area.

How do the police like scanners in cars in these states?

Thanks for the help.
Jim

2360. PSP Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-04-06 17:00:53 UTC
From: berling@reis60.alleg.edu
Message-ID: <2nups5$qng@mustang.alleg.edu>
Source record: 275814

To all who may be interested: I have the complete PSP frequency listing and which ones go with which barracks. I am more than willing to email to those interested. If there is enough interest, I will post it...

Dave, if you're out there, I couldn't get a differentiation between old channel A and the new one. Sorry -- out email was (is) out for a while. I can receive, but not send mail until tomorrow.

--
Gordon Berlin berling@alleg.edu
Hershey Vol. Fire Co. Allegheny College
Hersheypark Safety and Security Meadville, PA
Hershey, PA "Oh my God! Sunshine!
"Chocolatetown, U.S.A."
"Yes, ma'am, that really is the smell of chocolate in the air."

2361. handheld vs base scanners

Newsgroup: rec.radio.scanner
Date: 1994-04-06 17:35:05 UTC
From: richard@newt.ee.byu.edu
Message-ID: <1994Apr6.113436@newt.ee.byu.edu>
Source record: 275695

The ICOM R1 handheld scanner has caught my fancy. Is there a disadvantage to having a handheld versus a base scanner?

Richard

2362. Re: Decoding Alpha Numeric Pagers

Newsgroup: rec.radio.scanner
Date: 1994-04-06 17:46:24 UTC
From: cw400@cleveland.Freenet.Edu
Message-ID: <2nushg$2sr@usenet.INS.CWRU.Edu>
Source record: 275815

Call Universial Radio in Columbus, Ohio for information on their
M400 decoder unit. This box will decode both Golay and Pogsac
alphanumeric pages. I've used one with great success. The box
will also decode a lot of other digital radio data like FAX, RTTY
CW, and others. Check it out|
BTW, I am in no way affiliated with Universial Radio.

Eric KF8YK

2363. Re: Pro-43 Help

Newsgroup: rec.radio.scanner
Date: 1994-04-06 19:01:02 UTC
From: yyjdb@jzola.lerc.nasa.gov
Message-ID: <2nv0te$qrl@eagle.lerc.nasa.gov>
Source record: 275816

In article <2780@wtcp.daytonoh.ncr.com>,
Bruce Langos <blangos@wtcp.DaytonOH.NCR.COM> wrote:
>When I try to enter frequency 860.052 which is a frequency a local
>police department utilizes, the Pro-43 display says 860.050. I do
>not hear anything on the channel. Should the frequency be entered
>as 860.625 for the 12.5 khz stepping?
>
I have the same problem. The local police recently added a frequency
that none of my friends with pro-43 can receive. They are phasing
the old freq out.
The pro 43 rounds them off.
The new channel is in the 850 something range, all we can get is
bleed over, not very clear either.

Don't know what to tell you other then buy a scanner with selectable
channel spacing, because we can receive it on one friends scanner,
I think it is an AOR look a like.
-John.

2364. Re: For sale, BC855xlt plus

Newsgroup: rec.radio.scanner
Date: 1994-04-06 20:51:20 UTC
From: larry@cs.com
Message-ID: <1994Apr6.205120.19685@cs.com>
Source record: 275818
Cross-posted to: rec.radio.scanner,rec.radio.swap

In article <gregg.195.2DA2B788@plains.nodak.edu> gregg@plains.nodak.edu (Joe Gregg) writes:
>I have a Uniden Bearcat BC855XLT for sale. I have done the 800Mhz restore and
>the 100 channel conversion. This is a 50 channel machine with gaps in the
>800Mhz band, but with the conversion you get the full 800Mhz and double the
>channels. It is in good shape, but I don't have the box or manual. I have
>the back of the set antenna and the power supply. I want $200 plus shipping.
^^^^
That sounds pretty steep to me... I bought one of these by mail order a few weeks ago for $160 (brand new) plus $20 for the 800 MHz mod.

--
Larry Spence
larry@csccat.cs.com
netcom.com!cs.com!larry

2365. Re: Help Wanted on Buying a Scanner.

Newsgroup: rec.radio.scanner
Date: 1994-04-06 20:52:41 UTC
From: magnet@nRCHs022
Message-ID: <2nv7ep$n58@corpgate.nt.com>
Source record: 275819

Dan Morisseau (danm@hebron.connected.com) wrote:
: I had one of the AOR-2500's for about 10 days and returned it to
: the dealer for a full refund. It was so prone to overload from local FM
: stations (and those NOT so local) that listening to much of anything was
: a hassle. It had a nifty computer interface and control software, but the
: poor performance FAR outweighed this marginal advantage.
: I have told this story on many of the computer nets and have yet
: to hear from another user disputing my opinion that the 2500 is not a
: desireable scanner. I'd avoid it like the plague. Saving up more money
: for an ICOM R-7000/7100 is well worhwhile. I bit the bullet and di it and
: haven't regretted it for a moment.

I really enjoy my AOR 3000... any comments on this one?

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

2366. PSB version 2

Newsgroup: rec.radio.scanner
Date: 1994-04-06 20:56:37 UTC
From: kronz@meyer.ecn.purdue.edu
Message-ID: <CnuvIE.7Lv@noose.ecn.purdue.edu>
Source record: 275820

Hi Again,

Well Im trying to get together another version of the Pocket Scanner
Book...

So far this is what's new:

1. More Cordless Mic Freqs
2. More National Shortwave Freqs (FBI,DEA,etc)
3. Presidential Freqs: (stuff when he travels)

So, once again I'm looking for more material to be put in...
Anything that can be used nationally (and hopefully worldly)...:-)

Also, I mentioned before that I was giving some thought to adding the
most commonly asked for mods to the PSB. Any thoughts on this?

I hope to have the PSB ver 2.0 done by next week sometime... This
will probably be the last version for a while I am graduating and don`t
know when I'll be back on the net...

-jason
--
-Jason A Kronz || void rave(void)
Kronz@en.ecn.purdue.edu || { if (!alive) {return();}
N9OFN || else { rave(); }
TechNO-Krontz || }

2367. PRO-46 or other RS vs. another cheap Bearcat?

Newsgroup: rec.radio.scanner
Date: 1994-04-06 22:18:02 UTC
From: larry@cs.com
Message-ID: <1994Apr6.221802.20337@cs.com>
Source record: 275822

I'm trying to decide on another scanner to buy before the good ones %) start drying up. I'd really like to get a PRO-2006, but can't quite justify the $$$... I have a BC855XLT which is OK -- other than the well-known problem of it generating images of the local UHF TV stations, etc., smack in the middle of the "interesting" bands (you know, the ones we don't listen to %). So... I see a lot of references to how the RS scanners have much better selectivity and image rejection than the Uniden scanners. Is this only true for the top-of-the-line RS models (2006, 43), or in general? To be more specific, is the PRO-46 a better performer than, say, a BC200XLT or a BC855XLT? Do I have to get a 43 or a 2006 to get much better reception than my lowly 855? And are all the RS scanners made by GRE, or are some merely repackaged Unidens?

The 46 looks to be around $190 by mail order, whereas the 200XLT runs about $210 (the 855 cost $160). I'd pay the $20 extra just for 200 channels vs. 100 channels, but if the RF section of the 200XLT is no better than the 855, well... %(Are there any other candidates I should consider in the $200-250 price range?

--
Larry Spence
larry@csccat.cs.com
netcom.com!cs.com!larry

2368. CELLULAR DIRECTIONAL ANTENNA???

Newsgroup: rec.radio.scanner
Date: 1994-04-06 22:53:27 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Apr6.184906.1@cad3.uccb.ns.ca>
Source record: 275823

HELLO....
Does
anyone know how to build a directional cellular antenna?
I have 3 cellular towers that i can't pick up from my location and i
think a directional might be the answer.

Does anyone know how a cellular enhancer works?

thanks in advance...
r ling
rling@cad.uccb.ns.ca

2369. Re: Cellular FAX

Newsgroup: rec.radio.scanner
Date: 1994-04-06 22:59:30 UTC
From: rflood@cis.umassd.edu
Message-ID: <Cnv178.BEz@umassd.edu>
Source record: 275824

>>come across a fax transmission? If one did, would it be
>>possible to intercept this fax and how would you do it?
>>Could you simply run the audio from the scanner to a fax
>>machine? How about using the modem on your PC (yes, a
>>fax modem!)? Please, no boring replies about the legality
>>of cellular listening.

>There is a trunked (800 mhz) system here that sends lots of faxes over the
>air. My curiosity is killing me. It seems that if you just fed the tones
>into a fax machine it wouldn't work, since your local fax machine would
>not be involved in the "hand-shaking" connection process. Any ideas?

Actually I have read a book called "How to get anything on anybody II"
it's all about surveliance and other PI stuff. The book mentions how
to record fax transimissions and pipe them into another fax machine. I
don't own the book, but will look into borrowing it again if you want
me to.

-Rich

2370. RE: BC 200XLT problem

Newsgroup: rec.radio.scanner
Date: 1994-04-06 23:00:00 UTC
From: v111g9bq@ubvms.cc.buffalo.edu
Message-ID: <CnuyE9.K2J@acsu.buffalo.edu>
Source record: 275675

In article <29MAR94.19052676@nauvax.ucc.nau.edu>, drr1@nauvax.ucc.nau.edu writes...
>In a previous article, <HINKEL@NDSUVM1.BITNET> wrote:
>>Hi everyone,
>>
>>I have a Uniden Bearcat 200XLT. The problem is it likes to shut itself off
>>whenever it feels like it. It does it both when I use just the battery pack or
>>when I have it plugged in. Although it seems to do it more when I'm using just
>>the battery pack. Some days it's fine and others it does it every three
>>minutes or so. All I have to do is turn the switch off and turn it back on and
>>it will work again for a few minutes but this is real annoying. It does not
>>seem to turn off when someone is speaking but when it is scanning for a while
>>with no response it acts up.
>>
>
>There might be something wrong with the battery pack. You'll probably have to
>buy another one.
>
>Hope this helps.
>
>Mine was doing some weird stuff a while back, ie, it wouldn't turn on with just
>the battery pack, even after the battery was fully charged. I laid out $40 for
>a new pack, and it works fine.
>
My R-4030 (same as 200XLT but made in Taiwan instead of Phillipines) had a
similar problem. I found that the springs on the battery contacts were weak,
and the connection to the battery was intermittantly coming off. Giving it
a whack or sliding the battery pack off and on again seemed to help. I finally
got sick of this and stretched the springs a little, and this seems to have
cured it.
As to not turning on with only the battery pack, I had this also- cured it by
sticking the plug in and out of the DC jack a few times. Not sure why this
worked, as it's not a closed-circuit jack (like the one that cuts off the
speaker when you plug in the ear phone) but I can't argue with results.

I have 2 battery packs, and the LED on the one that came with the set no
longer lights up when I plug in the adaptor- any suggestions?

J. Alan Septimus

2371. Beeper Dialer Interface

Newsgroup: rec.radio.scanner
Date: 1994-04-06 23:00:04 UTC
From: b1y1m39@kato.BELL-ATL.COM
Message-ID: <Cnv184.9n3@kato.BELL-ATL.COM>
Source record: 275676
Cross-posted to: misc.emerg-services,rec.radio.scanner

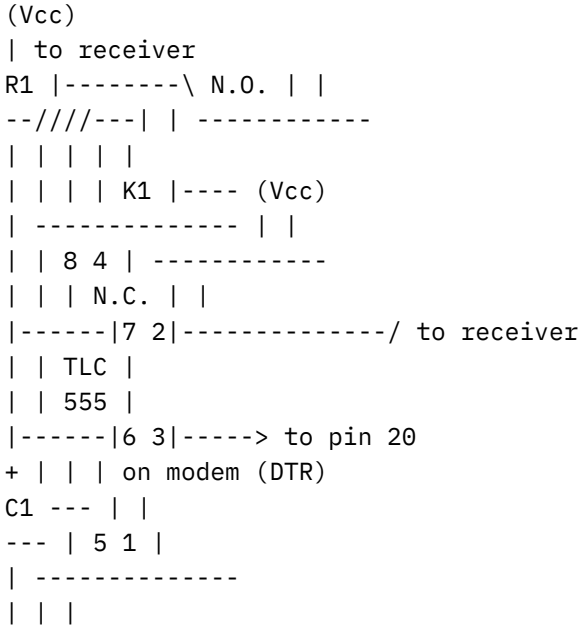
Have you ever been at a meeting where carrying your pager is inappropriate, but a digital beeper is not? And, as you sit there thinking "I wonder if my company had any calls today" you regret not wearing your pager because you missed that 5-alarmer? Well, here's a one night project that could keep you abreast of things....

As a company officer, I was issued a Plectron home receiver along with my pager and a portable radio. With the dust just collecting on the Plectron, and my need to travel at times for my regular job, I decided to design an interface between the receiver and my data modem.

Most modems provide a DTR dialing feature which dials the number programmed into memory location 0 or 1 when DTR goes high. The only problem is that DTR must remain high for the duration of the call. In steps the good old 555 timer.

By selecting a suitable R1-C1 combination, DTR will remain in a high state for approximately 50-60 seconds; more than enough time to dial and send information to a digital pager service. In fact, I subscribe to SkyTel's SkyPager service so I get beeped anywhere in the country!

All parts were brought from my local Radio Shack, including the general purpose PC board to mount and wire the components, a small plastic housing, and terminal strips for interconnecting wires. This was a lot of fun to build and I hope those of you that decide to use it, feel the same way....



```
| C2 --- |
| --- |
\--------|--------/
|
(Gnd)
```

Item Description Radio Shack No.

TLC555 Low power IC Timer 276-1718
R1 2.2M 271-061
C1 22 mfd Electrolytic, 35wv 272-1014
C2 .01 mfd ceramic or disc 272-1065
K1 5 volt SPDT realy 275-243

NOTES:
Vcc and Gnd must come from the modem. I found the +5 volt supply and ground and extended them to a 2-post terminal strip affixed to the modem with double-sided tape.

The connections to the Plectron receiver must provide approx. 5+ to energize the relay. If you need to know exactly where on the Plectron to make these connections, please replay via E-mail. The activation of the receiver causes a 1-3 second engagement of the K1 relay. But, since this is a 555 timer, it won't matter how long K1 is energized as long as R1-C1 is discharging (around 60 seconds).

If you power-down and power-up the modem, DTR will go high and remain high for 60 seconds. This is normal and will not cause the modem to dial (power-up cycle of the modem). If you don't want this to happen, just provide a momentary push-button switch between pin 8 and 4 of the TLC-555 so that Vcc is removed from pin 4 when the button is pushed.

--
==========
Bob Esposito Voice/Voice Mail: (215) 466-6831
Bell Atlantic Corp. FAX: (215) 563-3984
Philadelphia, Pa. E-mail: b1y1m39@kato.BELL-ATL.COM

2372. Re: Scanner Newbie needs advice

Newsgroup: rec.radio.scanner
Date: 1994-04-06 23:08:01 UTC
From: strech1@aol.com
Message-ID: <2nvfch$7r6@search01.news.aol.com>
Source record: 275677

In article <Ken_Mudge-060494074423@128.18.32.49>, Ken_Mudge@SRI.QM.COM (Ken Mudge) writes:

3) I've heard about "Monitoring Times" and have checked four good sized bookstores but can't locate this publication. Is it the best one to get

Ken, check back at HRO, any radio hobbyist store should have MT, along with several other radio hobbyist magazines.
If your interested, I could send you info on the Bay Area Scanner Enthusiasts, a scanner club with a newsletter and a BBS.
My favorite 800 capable scanner is the Radio Shack PRO2006. Very easy to modify.
David
Strech1@aol.com

2373. Re: Radar Detectors??

Newsgroup: rec.radio.scanner
Date: 1994-04-06 23:11:22 UTC
From: rflood@cis.umassd.edu
Message-ID: <Cnv1qz.BKE@umassd.edu>
Source record: 275678

In <2nubhp$9rp@usenet.INS.CWRU.Edu> bz223@cleveland.Freenet.Edu (Danny Guy Frezza) writes:

>Could someone please tell me if there is a dedicated newsgroup or mailing list
>for people interested in Radar Detectors (For Cars) in terms of how they work,
>problems, tips, and creative uses of it. I can't seem to find much on it.
>Any help would be appreicated.

Check out "rec.autos.driving" the majority of posts is about getting
out of tickets and radar detectors.

-Rich

2374. Touch Tone Decoder

Newsgroup: rec.radio.scanner
Date: 1994-04-06 23:43:06 UTC
From: jwa@pine.cse.nau.edu
Message-ID: <Cnv37v.M35@rainbow.cse.nau.edu>
Source record: 275679
Cross-posted to: rec.radio.scanner,alt.2600

Does anyone have either

1) a schematic/pointers on creating a stand-alone DTMF decoder

or

2) the IC# of the decoder chip that the Novation AppleCAT][used?

The latter would be preferable, as I suspect it would be much
cheaper.

Thanks,

James

--
james w abendschan / jwa@pine.cse.nau.edu / beable beable beable?

2375. cel phone snooping

Newsgroup: rec.radio.scanner
Date: 1994-04-06 23:52:07 UTC
From: ez@access1.digex.net
Message-ID: <2nvhv7$3ke@access1.digex.net>
Source record: 275680

I'm working on a story for Common Cause Magazine on cel phone privacy. I'm looking for any stories you may have on cel phone snooping. John Gage has estimated that 60 - 80 percent of all cel calls in the Silicon Valley are taped. Any thoughts on this? Any good snooping anecdotes?

I will GUARANTEE your privacy (any level of anonymity you wish) when Iwrite this story. I don't want to jeopardize anyone's security or rightto privacy. I just want a good story. Feel free to email me directly.

Thanks alot.

Elliot

2376. BC200XLT Cellular mod?

Newsgroup: rec.radio.scanner
Date: 1994-04-07 00:11:32 UTC
From: jwa@pine.cse.nau.edu
Message-ID: <Cnv4J9.MLD@rainbow.cse.nau.edu>
Source record: 275681

I'd like to mod my BC200XLT for continuous coverage of the 800mhz
band. I pulled the mod file down from ftp.oakland.edu:/pub/hamradio/mods
and followed the instructions.. but, it seems my scanner uses surface-mount
components. How can I identify which resistor to clip? Maybe
a helpful diagram for incompetents like me would be nice :-)

Also, the chip was a 1447A and not a 1447 as described.. is there
any difference between the two?

Thanks,

James

--
james w abendschan / jwa@pine.cse.nau.edu / beable beable beable?

2377. Someone mentioned babble about this mod...

Newsgroup: rec.radio.scanner
Date: 1994-04-07 00:18:00 UTC
From: ej720@cleveland.Freenet.Edu
Message-ID: <2nvjfo$1rf@usenet.INS.CWRU.Edu>
Source record: 275682

Awhile back I read about someone "Doing" the BC8500 XLT.
What mods are available for this unit?
Was this guy just blowing smoke?
Would like 30Khz mods as well as certain 800 frequencies.
Anyone shedding some light on this matter would be
greatly appreciated.

Paul A. Valley
Valley Video - Engineered Presentation Systems
ej720@cleveland.freenet.edu
==========
==========

2378. Getting a Scanner: BC 2500XLT-H?

Newsgroup: rec.radio.scanner
Date: 1994-04-07 01:35:40 UTC
From: hayden@krypton.mankato.msus.edu
Message-ID: <1994Apr6.203541.4264@vax1.mankato.msus.edu>
Source record: 275683

I'm going to be buying my first scanner in the next week or so, and I picked up a copy of Popular Communications to look at the adds and see what mail-order prices were like.

One of the scanners that stuck out as having oodles of features for a decent prices was the Bearcat 2500XLT-H handheld. It scans a wide-range and says it is cell-modifyable. Furthermore, "Communications Electronics Inc." has a deal going where you can get it fro 314.95 if you mail in your order with a $25.00 off coupon.

Does anyone have any expierience with either this company or this scanner. And if either are bad, can you recommend somethign better? I'd like not to spend more than about $350 for a scanner, and would prefer closer to $300. Main monitoring will be police and campus security, but i figure that someday I may want it all, so the more range and features, the better.

--
____ Robert A. Hayden <=> hayden@krypton.mankato.msus.edu
\ /__ -=-=-=-=- <=> -=-=-=-=-
\/ / Finger for Geek Code Info <=> Political Correctness is
\/ Finger for PGP 2.3a Public Key <=> P.C. for "Thought Police"
-=-=-=-=-=-=-=-
(GEEK CODE 1.0.1) GAT d- -p+(---) c++(++++) l++ u++ e+/* m++(*)@ s-/++
n-(---) h+(*) f+ g+ w++ t++ r++ y+(*)

2379. upstate NY notification group

Newsgroup: rec.radio.scanner
Date: 1994-04-07 02:02:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <765740737.AA07925@rochgte.fidonet.org>
Source record: 275684

I would like to determine whether or not there is sufficient interest to warrant trying to start a notification service in the Greater Rochester, NY area. If you would like to be involved in such a group, and if you live within 50 miles or so of Rochester, please contact me. My Internet and Fidonet addresses are in the signature block below. Please don't flood the newsgroups with local replies.

If you cannot send email via Fido or Internet, then please call my home number and (probably) leave a message. (716) 254-1726.

I am hoping to attract hobbyists, emergency preparedness volunteers (and career people), news reporters and other parties who could make use of a service that would alert for major events only. I'm also looking for folks who would volunteer to do the alerting so we could cover as much of the clock as possible.

The proposed name for the service is Finger Lakes Alert Group (FLAG). I also envision some meetings for a club-like operation if folks are interested in that. If I get enough responses, I will plan a meeting.

==========
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

2380. Re: Searching Military Air Freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-07 02:31:05 UTC
From: rpetteng@pipeline.com
Message-ID: <2nvr99$3cm@pipeline.com>
Source record: 275685

wb9omc@constellation.ecn.purdue.edu (Duane P Mantick) wrote:

> OK, how abouit a good list of the refuleing freqs. ???

You can't get any better then THE official source, the DoD Flight Information Publication "AP/1B - Area Planning Military Training Routes - North and South America." But the quickest way to get a list is to go to Radio Shack and buy the Aeronautical Frequency Directory. It has a map of AR's (air refueling routes) over the continental US and a listing of AR freqs by AR.

And if you can't wait long enough to get to RS try AR-016 (the AR closest to Purdue - I assume you're at/near Purdue). AR-016's primary air-air is 343.500, secondary 319.700. Entrance and exit freqs (depending upon direction of flight) are 362.300 and 353.800. All freqs are AM mode. AR-016 runs from the IN/IL state line to a point in northwest MO.

Roger Pettengill - rpetteng@pipeline.com

2381. NE US State Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-07 02:57:43 UTC
From: cq559@cleveland.Freenet.Edu
Message-ID: <2nvsr8$f8c@usenet.INS.CWRU.Edu>
Source record: 275686

Can anyone help me out and give me state freqs. for the following
states: PA NY NJ MA CT.

I'm really only interested in Highway Patrol(State Police),DOT,
and any other state gov't frequencies.
Thanks,
Joe

Reply to cq559@Cleveland.FreeNet.Edu
--
cq559 Cleveland Free-Net
OH-18-1912 AOSC

2382. Re: Radio Shack's Ham Portables/On Sale

Newsgroup: rec.radio.scanner
Date: 1994-04-07 04:40:53 UTC
From: sprouse@n3igw.PGH.PA.US
Message-ID: <99@n3igw.PGH.PA.US>
Source record: 275687

In article <ross-050494110436@earl.llnl.gov> ross@novax.llnl.gov (Gary Ross) writes:
>For what it's worth, the 2 RS handhelds are on sale now. I think they were
>$80 off.
>
>Gary

For those of you who are interested in the Radio Shack hand helds I just ordered one from Marymac Industries in Katy (Huston) Texas. They have the HTX-202 for $169.95 and the HTX-404 for 209.95 both included shipping. I have bought several Radio Shack Color Computers and one scanner from Marymac and have had good luck with them. You can get any scanner the shack sells for 15% off the catalog price and they pay the shipping. Not a bad deal.

73's
----Ken / N3IGW

--
Ken Sprouse / N3IGW sprouse@n3igw.pgh.pa.us
GEnie mail KSPROUSE
Packet radio n3igw@w2xo.pa.usa.noam
Compu$erve 70145,426

2383. Re: Decoding Alpha Numeric Pagers

Newsgroup: rec.radio.scanner
Date: 1994-04-07 04:55:24 UTC
From: mfraser@vanbc.wimsey.com
Message-ID: <2o03ns$2mi@vanbc.wimsey.com>
Source record: 275688

You will find that pagers virtually all use "direct FM"; the carrier of
the transmitter is bashed to the plus and minus deviation rails for
mark and space bits. POCSAG, equivalent to CCIR Radio Paging Code #1
is 512 bps; more recent versions go to 1200 bps. Motorola's Golay Sequential
Code (GSC) is a 600bps (text) plus 300bps (everything else) code, but
a little more like a Reed Solomon Code, with error control bits
scattered through the message, rather than hung on the end as in POCSAG
which is really a basic BCH code.

Audibly, if you should be forced to listen to a scanner (careful not to
repeat anythinbg your ear decodes) you will easily hear the difference between
the two types and rates. Both have a preamble - POCSAG of 512 bits more or
less (a second). The 2 data rates used in GSC are also quite audible, and
are THE characteristic of the code.

In Europe, ERMES and relatives plan (are using) to use a higher speed
(5Kbps? higher? I forgot) method; most opinions run toward evil
non-tariff barriers to trade as teh reasons for this. No comment.

Was it the Universal decoder unit that decodes alpha paging? Check
with Universal Radio or Grove for details. Someone will have the
phone number, or check Monitoring Times or Popular Communications at
your (technical) news-stand.

Those nasty europeans also have generated another box to decode paging.
I have no more info, than the company name 'Hacktic'. Banned in
the U.S. i hear.

Cheers / Mark

2384. Re: IDEA - several

Newsgroup: rec.radio.scanner
Date: 1994-04-07 05:15:11 UTC
From: jacob@mayhem.cwru.edu
Message-ID: <2o04sv$orq@usenet.INS.CWRU.Edu>
Source record: 275689

In article <e5.2940.143.0NE0A33D@bitbytes.clark.net>,
Gregory Halpin <gregory.halpin@bitbytes.clark.net> wrote:
>
>1. Multiple priority settings - as most scanners are currently set up,
>you have ONE priority channel. On some scanners it is channel 1, on

The BC-200XLT does this. Although the priority channels are not
programmable, the first channel of each bank is a priority
channel. If all ten banks are turned on, you can see it stop
scanning the main channels and scan the ten priority channels,
then resume scanning the main channels.

--
Catapultam habeo. Nisi pecuniam | Jacob DeGlopper, EMT-A, N3RHI
omnem mihi dabis, ad caput tuum | Case Western Reserve University
saxum immane mittam. | jacob@mayhem.cwru.edu

2385. Pro-2006/Pro-43 Parts & Manuals

Newsgroup: rec.radio.scanner
Date: 1994-04-07 05:35:47 UTC
From: thomas@venice.sedd.trw.com
Message-ID: <1994Apr7.053547.5645@venice.sedd.trw.com>
Source record: 275690
Cross-posted to: rec.radio.scanner,alt.radio.scanner

To whoever requested the part number for the PRO-2006 service manual
(I lost your address) this should help. Other useful tidbits, too.
I take no credit for originality here, thanks to all the original
posters.

The following info was collected from various message threads in
rec.radio.scanner and in the CompuServe HAMNET forum. Price information
is good as of 8 April 94 when I ordered the items below. All items were
in stock at the time and shipping (quoted as 7-10 days) added about $2
to the total.

Pro-43 Service Manual : Catalog # 20-300/9300 $5.97
Pro-43 Battery Case : Mfr's Part # GE-91D-9339 $4.41
Pro-43 replacement diode : Mfr's Part # MA110 $1.33

Pro-2006 Service Manual : Catalog # 20-145/9145 $7.95

Tandy National Parts Center
900 E. Northside Dr. <<= not verified
Fort Worth, TX 76102 <<= not verified
(800)442-2425

Hours: 8am-6pm Central Time

Rob Thomas

Internet: thomas@venice.sedd.trw.com || TRW DTD, DH5/2174
Phone: (310)764-9165 || P.O Box 6213
Facsimile: (310)764-3946 || Carson, CA 90746

No opinions, corporate, personal, or otherwise should be inferred. Ever.

2386. Re: Neat Radio Shack Gadget

Newsgroup: rec.radio.scanner
Date: 1994-04-07 05:38:00 UTC
From: dan.cramer@canrem.com
Message-ID: <60.4142.5773.0N199B98@canrem.com>
Source record: 275733

-> Well, the bozo at the shack said I would have to use the coupon the
-> NEXT time I came to a shack. RIGHT! Another coupla years.
->
-> Anyway, I donno if anyone has posted this yet, but a good use for the
-> toy is to put it in your car for use with the handheld ham radio or
-> scanner.
-> Now my wife gets to listen to both being fed through the car stereo
-> at a lot louder level than the pico-speaker in the ICOM. She, uh,
-> gives her, mmmm thoughts, to those of you that started this.......

Just what is this "Radio Shack Gadget"?

2387. Re: Cellular - Modem interception

Newsgroup: rec.radio.scanner
Date: 1994-04-07 06:03:01 UTC
From: pckwong@hkuxb.hku.hk
Message-ID: <CnvKt1.1qC@hkuxb.hku.hk>
Source record: 275737

GUMBYRAMA (gumbyrama@aol.com) wrote:
: Is it possible to rx and display the data that is sent over the cell phones.
: For example if someone is listening to Cellular and picks up a data
: transmission from the beginning and records it on tape. Can this be played
: into a telephone to a modem and it be understood by a comm program???? Just
: a thought.
:
: Scanning in Texas

Yes, this is possible. At least you have to turn your modem
to a listen mode or it will try to hand shake with the non-
exist dest. side. I assume the s/n ratio of the recording is
high enough. Needless to say, the protocol must be the same.

- Philips Wong, VR2XVI

2388. Freqs. - PA & NJ State Police???

Newsgroup: rec.radio.scanner
Date: 1994-04-07 06:09:00 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <16a_9404080701@rccons.lm.com>
Source record: 275691

TO: EC!

05 Apr 94 08:14, EC wrote to All:

E> Newsgroups: rec.radio.scanner
E> From: (EC)
E> Subject: Freqs. - PA & NJ State Police???
E> Organization: ER&E, Clinton, NJ. Opinions solely the author's, not the
E> Company's. Date: Tue, 5 Apr 1994 13:14:11 GMT

Official Pennsylvania State Police Frequencies PL 186.2

Channel Freq Use

F-1 154.755 Mobile to Mobile
F-2 155.580/154.950 Channel A Dispatch - Gold
F-3 155.670/155.910 Channel B Dispatch - Red
F-4 155.505/155.850 Channel C Dispatch - Black
F-5 154.665/158.910 Channel D Dispatch - Blue
F-6 154.695/156.150 Channel E Dispatch - Green
F-7 154.920/154.830 Channel F Dispatch - White
F-8 155.790/159.030 Channel G Dispatch - Brown
F-9 155.475 National Emergency Channel (NEPF)
F-10 154.755/159.210 Mobile Repeater
F-11 154.755/159.210 Mobile to Portable
F-12 155.460 TAC 1
F-13 151.490 TAC 2
F-14 154.950 Monitor Channel A
F-15 155.910 Monitor Channel B
F-16 155.850 Monitor Channel C
F-17 158.910 Monitor ChannelD
F-18 156.150 Monitor ChannelE
F-19 154.830 Monitor ChannelF
F-20 159.030 Monitor ChannelG
F-21
F-22 156.195/159.045 PA Regional Police
F-23 159.000 Mobile to Mobile
F-24
F-25
F-26
F-27
F-28
F-29
F-30

F-31 162.550/162.400 NOAA Weather (receive only)
F-32 155.580/155.790 Old Channel "A"

159.210 Portable to Portable
42.600 Old Base to Base

Rick Christian, AAJP/BSEE
AOSC PA Editor/PCO Peters Twp. P.D.
Internet:rccons!aosc_pa@telerama.pgh.pa.us
Conferences: Race/RF/Use/Fido/AOSCNet SCAN

2389. Re: Attn: Camnis HCS-050 users

Newsgroup: rec.radio.scanner
Date: 1994-04-07 06:13:57 UTC
From: Randy <randy1314@delphi.com>
Message-ID: <h2-saoV.randy1314@delphi.com>
Source record: 275724

What is the address for Javiation? I ordered the identical unit ,Trident TR-2400 from ACE and they can't seem to get it in stock. thanks.

2390. 10 Code list wanted

Newsgroup: rec.radio.scanner
Date: 1994-04-07 06:23:29 UTC
From: pgunn@alkali.otago.ac.nz
Message-ID: <pgunn.151.765699809@alkali.otago.ac.nz>
Source record: 275731

I am looking for copies of 10 codes that are used around the place. I am aware that there are no canonical lists as everywhere has different lists, but I would like to see a wide range.

The reason I need these is that I have just found a security firm freqency that I had been hunting for. The appear to use a code based around 10.xx to indicate is happening. They don't use the police one, so I'm guessing that they may have copied an american one.

Thanx in advance.

==
PGUNN@alkali.otago.ac.nz
MSc (Chem) Student, University of Otago
Southernmost University in the World!
==

2391. Re: RS "Silent Play" TX-RX Units. Tech manual ?

Newsgroup: rec.radio.scanner
Date: 1994-04-07 06:49:28 UTC
From: urbina@novax.llnl.gov
Message-ID: <1994Apr6.224928.1@novax.llnl.gov>
Source record: 275728

In article <1994Apr5.214312.1@novax.llnl.gov>, urbina@novax.llnl.gov writes:
>
>
>
>
>
>
>
> Will let you all know what I find out tomorrow,
>
> -Guy

Hi all,

Well I called Tandy National Parts and they don't make a technical manual for the Silent Play TX-RX stereo units. It's basically a break and throw away item. So it's back to good ol' reverse engineering for this device. I figured it was worth a try anyway.

-Guy

2392. Re: RS 2006 best buy?

Newsgroup: rec.radio.scanner
Date: 1994-04-07 07:16:00 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Apr7.021600.1@uoft02.utoledo.edu>
Source record: 275730

In article <1994Apr5.124507.3908@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
> In article <2nqq31$7sq@search01.news.aol.com>, sirjeeves@aol.com (Sir Jeeves
>) writes:
>> The current model shipping is the 'a' version. This is a revision from the
>> older model. They changed the 'light' control to a 'switch' - a GREAT
>> improvement. I guess most people found they either had it all the way up (on)
>> or all the way down (off). No other changes that I am aware of between the
>> older version and the 'A'. If you buy own locally, and they don't have one in
>> stock, they may try to sell you the demo (floor) model, which may have the dial
>> instead of the switch.
>
> Not quite. They've never had a dial-type control there. What they had was a
> switch labelled "dimmer" that changed the display backlight between two
> brightness levels.
>
> Btw, that display backlight is an electroluminescent panel, and Bill Cheek
> reports that it *will* go dim over the years, eventually needing replacement.
> Field replacement by a hobbyist is possible but a real devil of a job (a lot
> tougher than clipping a diode). If you have a model with a "dimmer" switch,
> use it on the "dim" setting whenever possible, as this will extend the life of
> the EL unit.
>
I agree,as far as using the off position unless you really need to have the light,but changing the EL panel is a VERY simple job!It only takes a couple of minutes.The hardest part is getting the "goo" that GRE uses to hold the panel in place.I have done this repair on a half dozen 200X's.

Barry felstein,using the acct of:
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

2393. PRO-2030 Cellular Question

Newsgroup: rec.radio.scanner
Date: 1994-04-07 08:33:02 UTC
From: davem20@aol.com
Message-ID: <2o0gfu$fp3@search01.news.aol.com>
Source record: 275735

If I perform the Cellular Modification for the Radio Shack PRO-2030 (Clip Loop L201), Will This restore Cellular Spacing or will the scanner still only scan in 12.5kHz Steps?

Also, if it will still only scan in 12.5kHz steps, is the mod worth doing or should I just listion to the "Images" at 896-920 and get the same result?

Thanks,
>> Dave M . <<

2394. BC 2500 MOD DIDN'T WORK **HELP**

Newsgroup: rec.radio.scanner
Date: 1994-04-07 10:52:08 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.10.000ADECE@cornell.edu>
Source record: 275711

I TRIED THE CELL RESTORATION MOD AS POSTED BY JERRY SMITH AND IT DID
NOTHING . I AM SURE THAT MY SOLDERING SKILLS ARE ADEQUATE AND THAT i HAVE
GOOD SOLID JOINTS. I HAVE EITHER FRIED THE CHIP RESISTOR OR THERE IS SOME
OTHER UNKNOWN REASON FOR THE FAILURE OF THE MOD. ANY SUGGESTIONS?
ALSO IF ANYONE KNOWS OF ANY OTHER MODS FOR THE 2500 PLEASE POST THEM
THANKS
CARL (EX-JARHEAD) SEMPER FI

2395. Re: IDEA - temp. lockout and "softkeys" etc

Newsgroup: rec.radio.scanner
Date: 1994-04-07 11:00:10 UTC
From: vhealey@crl.com
Message-ID: <2o0p3q$8ih@crl2.crl.com>
Source record: 275692

In article <1994Apr6.130500.4239@dde.dk>, Per H. Nielsen <phn@dde.dk> wrote:
>Another feature I have often wanted is a better way of handling
>duplex channels i.e. channels where base and mobile stations
>transmit on different frequencies and no repeater is used.
>
>As it is now, when traffic is handed over the scanner must
>immeadiately resume scanning (no delay) to catch the other
>channel. However if you have many channels programmed in, the
>scanner might stop on some other traffic and you miss the
>reply.
>
>The feature I want is some way of linking two channels together.
>It might work something like this:
>
> When traffic ceases on a linked channel, instead of resuming
> normal scan the scanner should enter a special mode where it
> only scans the two linked channels. This prevents it from
> stopping on other traffic. If no traffic occurs on either
> of the two linked channels for som time, say 5 seconds, the
> scanner should resume normal operation.
>
>This feature might also come in handy when listening to the
>mobile part as this is often subject to signal dropout which
>causes the scanner to resume scanning as delay cannot be used
>for the reasom described above. Resuming scanning on only the
>tow linked channels will make it stop again immediately on the
>mobile channel.
>
>A more general approch would be to allow any number of channels
>to be linked together. This might prove useful when scanning
>trunked systems.
>
>--
>Per H. Nielsen Telephone: Int +45 42 84 50 11
>Basic Applications Fax: Int +45 42 84 52 20
>Dansk Data Elektronik A/S, Herlev, Denmark E-mail: phn@dde.dk

WOW give Per H. Nielsen a gold medal! I have given alot of
thought to the ULTIMATE SCANNER and I never would have thought of this
very practical IDEA! The problem he addresses is one that has bugged me
for years. It goes to the top of the list I am compiling!

Good going Per!

Victor Healey ki4je
vhealey@crl.com

2396. Re: Suggestions for ultimate scanner design (proposal)

Newsgroup: rec.radio.scanner
Date: 1994-04-07 11:13:01 UTC
From: vhealey@crl.com
Message-ID: <2o0prt$8tv@crl2.crl.com>
Source record: 275694

In article <Cnt1x0.L02@boi.hp.com>,
John Quill Taylor <jqtaylor@boi.hp.com> wrote:
>I would like a remote scan button (wire or wireless) to put under my pillow.
>A simple mini-headphone-type jack would do it.
>
John Quill Taylor could we ask you what the remote 'button' is
supposed to do? What benefit would it have? Seems to me that 'this wire
under your pillow' may easily damage a connected device as you toss and
turn in your sleep (IMHO).

John your HP graphic is really neat on the INTERNET when looking
at your post. Simple but neat!

Vic Healey
vhealey@crl.com

PS By the way try to preface ideas about the ULTIMATE SCANNER with the
key word IDEA in subject header. This makes it somewhat easier to scan
and select for saving the ideas being submited to our INTERNET IDEA list.

I almost missed your post when casually scanning the subject list of this
USENET group.

2397. Battery Pack Rebuild

Newsgroup: rec.radio.scanner
Date: 1994-04-07 12:38:24 UTC
From: hrody@ingr.com
Message-ID: <hrody-070494063824@hmrmac.b30.ingr.com>
Source record: 275696

I am looking for some place to order the internals for a Uniden battery pack. This nicad pack is a Sanyo Cadnica Model 6N-550AA 7.2 V 600mAh. Please reply via. e-mail if possible.

Thanks in advance.

--

Marshall Rody | Intergraph Corporation
UUCP: ...uunet!ingr!infonode!hrody | One Madison Industrial Park
INTERNET: hrody@ingr.com | Mail Stop IW1601
AT&T: (205) 730-1660 | Huntsville, AL 35807-4201

2398. Re: Attn: Camnis HCS-050 users

Newsgroup: rec.radio.scanner
Date: 1994-04-07 13:26:47 UTC
From: schuster@panix.com
Message-ID: <2o11mn$685@panix2.panix.com>
Source record: 275697

In article <h2-saoV.randy1314@delphi.com>, Randy <randy1314@delphi.com> wrote:
>What is the address for Javiation? I ordered the identical unit ,Trident
>TR-2400 from ACE and they can't seem to get it in stock. thanks.

Javiation
Carlton Works, Carlton Street
Bradford, West Yorkshire
BD7 1DA England

Voice: 011-44-274-732146
Fax: 011-44-274-722627

The proprietor, Jonathan Clough, can be reached by email at
clough@javiaton.demon.co.uk or 100117.535@CompuServe.COM

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2399. 2 Questions on Pro43

Newsgroup: rec.radio.scanner
Date: 1994-04-07 13:43:27 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <2o12m0$jt0@paperboy.gsfc.nasa.gov>
Source record: 275698

I recently obtained my new pro43 and love it,
but now I have a greed for signals!!
Does anyone out there using a 43 at home have
a strong antenna suggestion? (in the <$100 range)
Any and all help will be appreciated.
Mail to reider@atria.gsfc.nasa.gov
THANKS

Also does any one have a Maryland list
that covers Howard County any better
than Radio Shacks book ?? I'll take
all Maryland scanner freq if someone
has them in a file.
I'm also interested in ALL BWI airport freqs

THANKS FOR ALL THE HELP !!!

2400. NOAA 1-900 number

Newsgroup: rec.radio.scanner
Date: 1994-04-07 13:44:51 UTC
From: lieser@iccgcc.cs.hh.ab.com
Message-ID: <1994Apr7.084451.1@iccgcc.cs.hh.ab.com>
Source record: 275699
Cross-posted to: sci.geo.meteorology,rec.radio.scanner

I'm not sure if this post belongs on rec.radio.scanner, but other
than sci.geo.meteorology, I'm not sure where else exactly to put it.
While listening to our local NOAA station in Chesterland, Ohio last
night (KHB59, 162.55) [we got yet another winter storm yesterday
evening :-( ] they announced a (new?) 1-900 number service. No,
not that kind!

The number is 1-900-884-6622, you need a touch-tone phone, and it
costs 98 cents per minute. You are given a menu, and you must enter
either the area code or the 4-digit station code (anyone have a list
of these?) and they patch you into the local NOAA station for the weather.
If you punch in "88", it gives you the WWV UTC time broadcast. I
tried a few area codes at random (406, 307, 812, 317) for which the
service did not provide coverage. Coverage was there for 216 and 419
in Ohio, 219 in Indiana, and 408 and 805 in California.

Ed Lieser
Allen-Bradley Co., Cleveland, Ohio

2401. Re: Mobile restrictions in NY & NJ?

Newsgroup: rec.radio.scanner
Date: 1994-04-07 14:41:34 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2o162u$ldn@dancer.cc.bellcore.com>
Source record: 275701

In article <JSWAN.94Apr6123444@elaine53.stanford.edu>,
Jerold Loren Swan <jswan@elaine53.Stanford.EDU> wrote:
>Hopefully my new PRO-43 from Marymac will be here in a couple days, and
>then I'll be travelling to NY & NJ.
>
>Any restrictions on mobile use in these states. I know there's a book
>you can buy about this, but since it's only two states and short notice

No problem in NJ.

NY does not allow radios that can receive police in mobiles, but the
law does have an amateur license exemption (so you need not worry if
you are a ham).

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

2402. Re: Mobile restrictions in NY & NJ?

Newsgroup: rec.radio.scanner
Date: 1994-04-07 14:47:38 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2o16ea$7sh@slinky.cs.nyu.edu>
Source record: 275702

In article <JSWAN.94Apr6123444@elaine53.Stanford.EDU>, jswan@elaine53.Stanford.EDU (Jerold Loren Swan) writes:
|>
|> Hopefully my new PRO-43 from Marymac will be here in a couple days, and
|> then I'll be travelling to NY & NJ.
|>
|> Any restrictions on mobile use in these states. I know there's a book
|> you can buy about this, but since it's only two states and short notice
|> I'd appreciate it if someone could tell me.
|>
|> Thanks,
|>
|> Jay

New Jersey's law was repealed 11/92. Not sure about NY, but I think it's still illegal.

Steve

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

2403. Tweek & Calibrate Silent Play freqs!

Newsgroup: rec.radio.scanner
Date: 1994-04-07 14:51:58 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Apr7.145158.28926@news.csuohio.edu>
Source record: 275703

I was fiddling with my Silent Play transmitter last nite and noticed that when I ran it through my RS RF frequency counter, it had a transmit freq range of 85.5 - 90MHz. This seemed strange since it's advertised as 89 - 93MHz (as well as it being outside FCC specs). I also verified at least the top 90MHz limit by tuning it into a digital frequency display FM receiver.

So, I discovered a way to crudely re-calibrate the frequency range of this device to get it back into specs.

1. Take the case off (two small black Phillips screws). Be careful of the two plastic molded-in tabs on the opposite edge. You have to twist the case a little, but don't break the tabs.

2. Remove the screw holding the circuit board (near same edge of case as the two plastic tabs). Be gentle with the antenna connection since the wire is glued to the case and then soldered to the board. It flops around while you handle the board.

3. Hold the circuit board with components facing you, oriented so the circuit board looks like a capital "P". The 1/8" stereo plug will be at the top, the two slide switches will be on the left edge.

4. At the very top right corner, just to the right of the slim LED and above a small capacitor, you will see a wound copper air-core inductor (it looks like a copper spring).

[At this point, I solved the mystery of why the tuning was out of whack on the transmitter: When I opened the case when I FIRST got the unit (to explore!), I noticed the coils of this inductor were bent, i.e., a few coils were pushed apart, as if done with a fingernail. I though I had done it myself accidentally when taking the thing apart, so naturally I pressed all the coils back together again. Mistake!!!]

5. It turns out that carefully bending the coils together and apart is what provides the calibration of the tuning range. There are no adjustable inductors anywhere to be seen, so this must be how they calibrate the unit at the factory. Anyway, I simply re-bent the coils apart and played with the tuning knob and bending some more until I got it back to the range 89-93MHz by watching my RF freq counter. It was pretty easy. If you don't have a RF freq counter, you could easily do it by tuning an FM receiver with a digital display (like one in your car), while the Silent Play is transmitting, while bending the inductor coils. Do a little at a

time.

Perhaps with some hacking, you could replace that simple inductor with an adjustable one to see how far you can shift the frequency range. I'm not gonna do this type of mod, but I did discover by waving my hand near the circuit board, I was able to get the thing to jump to around 150MHz in spurts, but who knows exactly what components were affected by my hand to make it do this (there are some ferrite core inductors too). This gizmo probably has little use outside the FM broadcast band anyway (unless you wanted to perhaps retune it up to the 2M ham band for some reason).

I also noticed that when I put the plastic cover between my hand and the circuit board, the freq remained stable again (maybe the plastic is impregnated with something conductive to shield the circuits from inductive/capacitive coupling from one's hand??)

6. When you put the cover back on, make sure the plastic fingers on the two slide switches seat properly back into their respective plastic finger-slides.

Another nifty hint:

The transmitter normally draws about 9 mA of current. I removed the silly LED and it dropped to just under 6 mA current draw, and did not affect performance or frequency. This could be useful not only in extending xmit time on one set of batts, but make it even easier to run the thing off solar cells if you're so inclined.

FYI, the receiver unit draws about 15 - 20 mA, depending on if the stereo LED is lit and the volume setting. I did get it to jump to a whopping 80 mA when I pulled the earphone plug out of the receiver half way - it must short the audio amplifier across one of the plug conductors causing it to pull full current thru the amp.

Hacking for no apparent reason,

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^v^

2404. Re: Touch Tone Decoder

Newsgroup: rec.radio.scanner
Date: 1994-04-07 15:48:52 UTC
From: eggo@twain.ucs.umass.edu
Message-ID: <2o1a14INN109@twain.ucs.umass.edu>
Source record: 275704
Cross-posted to: rec.radio.scanner,alt.2600

```
In article <Cnv37v.M35@rainbow.cse.nau.edu>,
james w abendschan <jwa@pine.cse.nau.edu> wrote:
>Does anyone have either
>
>1) a schematic/pointers on creating a stand-alone DTMF decoder
>
The Spring 1994 issue of 2600 has schematics for building one.
Haven't looked that closely at them though, to see how snazzy it is.
--
+- eggo@student.umass.edu --><-- Eat Some Paste -+
+- Yorn desh born, der ritt de gitt der gue, -+
+- Orn desh, dee born desh, de umn bork! bork! bork! -+
+----------------- The Durex Blender Corporation ----------------+
```

2405. Re: NOAA 1-900 number

Newsgroup: rec.radio.scanner
Date: 1994-04-07 15:56:30 UTC
From: hank@MCS.COM
Message-ID: <2o1afe$97q@Mercury.mcs.com>
Source record: 275705
Cross-posted to: sci.geo.meteorology,rec.radio.scanner

I thought that NOAA was supported by our tax dollars.
If so, then why do we have to pay 95 cents a minute to
get weather information that our tax dollars have already
paid for? To further my case, Try to find a DIFAX chart on
the internet or anywhere without paying for it.

Comments?

Henry
hank@mcs.com

2406. Re: Touch Tone Decoder

Newsgroup: rec.radio.scanner
Date: 1994-04-07 16:02:18 UTC
From: eesnyder@beagle
Message-ID: <2o1aqb$rfr@lace.Colorado.EDU>
Source record: 275706
Cross-posted to: rec.radio.scanner,alt.2600

eggo@twain.ucs.umass.edu (Round Waffle) writes:

>In article <Cnv37v.M35@rainbow.cse.nau.edu>,
>james w abendschan <jwa@pine.cse.nau.edu> wrote:
>>Does anyone have either
>>
>>1) a schematic/pointers on creating a stand-alone DTMF decoder
>>
> The Spring 1994 issue of 2600 has schematics for building one.
>Haven't looked that closely at them though, to see how snazzy it is.

The 1994 ARRL handbook has a very simple decoder (two IC's) that
I could probably even put together. ...haven't tried yet but it
looks straight forward. To get a feel for how simple it is, it has
four LEDs from which the 16 tone pairs can be deduced. Pretty low
level...

Eric E. Snyder
Department of MCD Biology ...making feet for childrens' shoes.
University of Colorado, Boulder
Boulder, Colorado 80309-0347

2407. Re: Cellular - Modem interception

Newsgroup: rec.radio.scanner
Date: 1994-04-07 16:39:46 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <9404081113.AA724@nwugate.fidonet.org>
Source record: 275707

g> Is it possible to rx and display the data that is sent over the cell
g> phones. For example if someone is listening to Cellular and picks up a
g> data transmission from the beginning and records it on tape. Can this
g> be played into a telephone to a modem and it be understood by a comm
g> program???? Just a thought.

Theoretically, it is possible. I have heard that cellular modems use a
different protocal, though. Believe it is V.10.

Jerry
* Evaluation copy of Silver Xpress. Day # 0

2408. Re: cel phone snooping

Newsgroup: rec.radio.scanner
Date: 1994-04-07 16:44:50 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.117.0010BFC5@ccm.hf.intel.com>
Source record: 275725

In article <2nvhv7$3ke@access1.digex.net> ez@access1.digex.net (Elliot Zaret) writes:

>I'm working on a story for Common Cause Magazine on cel phone privacy.
>I'm looking for any stories you may have on cel phone snooping. John
>Gage has estimated that 60 - 80 percent of all cel calls in the Silicon
>Valley are taped. Any thoughts on this? Any good snooping anecdotes?

>I will GUARANTEE your privacy (any level of anonymity you wish) when Iwrite
>this story. I don't want to jeopardize anyone's security or rightto
>privacy. I just want a good story. Feel free to email me directly.

My guess is that this 60 - 80% number is WAY TOO HIGH. Tracking is not simple. There are thousands of calls everyday (probably tens of thousands) in Silicon Valley. If someone has tracking equipment they can select the phone numbers they want to track they would not waste their time on the "I'll be home in 10 minutes" type calls. Cell phones are not private, and they won't be until they go digital. Law or no law, cell phone users need to be told that their conversations are not secure. I remember listening to a guy on cellular (before the law was passed, of course) talking about how it was too difficult to monitor a cell call because there were so many channels. I just hit the search button each time he moved cells and in a few seconds there he was again.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2409. Re: Hear AM air freq image on FM VHF rcvr?

Newsgroup: rec.radio.scanner
Date: 1994-04-07 16:46:00 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <9404081114.AA725@nwugate.fidonet.org>
Source record: 275708

m> What does an AM transmission sound like when heard on an FM receiver?
m> How about an IMAGE of an AM transmission heard on an FM band?

(text truncated)
m> So, I whip out the calculator and sure enough,
m> 154.935 - 21.4 (2*10.7 IF) = 133.535 lands me right in the
m> AM Air band. Three questions:

m> 1. What does an AM transmission sound like on FM? Garbled?

It does sound kind of garbled, almost off frequency sounding. You
will know there is a voice there but it isn't very clear.

m> 2. What is the likelihood that an AM image will show up and
m> break squelch on an FM band 21.4MHz above?

Depends on your scanner. I have a Bearcat 210XL and Bearcat 160 scanner
and both of them will pick up images of aircraft on 155.1000.

m> 3. 133.535 MHz I do not recognize as any frequency being used
m> by either Cleveland Hopkins or Akron/Canton airports. Does not
m> show up anywhere in Police Call. (which really did not surprise me)
m> Any insight from anyone?

Hmmm....it may not necessarily be for an airport. Several air carriers
have freqs to communicate with air crew on the ground that is for their
compnay. You will see these at the back of the Police Call book...usually
in the 130 range. I suspect that this is not a complete listing, though.

Jerry
* Evaluation copy of Silver Xpress. Day # 0

2410. Re: RS 2006 best buy?

Newsgroup: rec.radio.scanner
Date: 1994-04-07 16:56:18 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.118.0010F0BD@ccm.hf.intel.com>
Source record: 275726

In article <1994Apr7.150212.1@uoft02.utoledo.edu> cscon0151@uoft02.utoledo.edu writes:

>brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>> All things considered, the 2006 is a very good radio. You comment on RS RF
>> products is true to some extent. Their quality (in manufacturing) is not too
>> hot. My 2005 could never pick up 1.2 GHz Ham freqs. In the past few months I
>> have noticed that 800 MHz is starting to fade. I have the sevice manual, so I
>> figure I'll have to give it a tune up soon. Anyone else notice that the
>> sensitivty is getting worse?

>What type of antenna are you using? If its an external one, sometimes moisture
>can get into the coax connections, and noticeably degrade performance at higher
>freqs. Also, during the spring, I notice a drop in reception on 800Mhz due to
>the leaves on the trees absorbing the radiation at those higher freqs.

I was using the Diamond D-707 "Super Voice" with built in 20dB pre-amp and
RG-8 coax that is quite new. The D707 protects the coax connector so even
after 2 years, the silver still shines. I have tried it with the telescoping
whip, and a variety of other antenna/coax combinations. There is just no
1.2GHz My 2500XLT picks them up full quieting, on the stock duck antenna.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2411. Re: (was: 2 Questions on Pro43) Better antenna's!

Newsgroup: rec.radio.scanner
Date: 1994-04-07 17:30:42 UTC
From: cropley@cbnewsf.cb.att.com
Message-ID: <CnwGn7.4z8@cbfsb.cb.att.com>
Source record: 275709

In article <2o12m0$jt0@paperboy.gsfc.nasa.gov> reider@acrux.GSFC.NASA.GOV (Reider. Richard 286-6457) writes:
>I recently obtained my new pro43 and love it,
>but now I have a greed for signals!!
>Does anyone out there using a 43 at home have
>a strong antenna suggestion? (in the <$100 range)
>Any and all help will be appreciated.
.....
When I moved into my cuurent home the previous folks had gotten Cable, I to utilize Cable. However the previous owner had put up a VHF/UHF TV antenna before cable came to the area. Although these are really designed for the tv frequencies (60?-88?, 170?-220?,512-800?) it is still MUCH better than the rubber duck on my Pro43. All i needed was 300 to 75 ohm converter and a F connector to BNC adapter (both are cheap and available at the Rat Shack) I pick up stuff at better than 75 miles away (NOAA) 2 meter repeaters (50+ miles) simple test to switch back to the duck and I don't get the same signals (helps that the TV antenna is up on the roof!!) This could be a cheap solution. Keep in mind I have cable so this antenna is defunct. I use mine exclusivly for my scanner.
OPINION: Since TV's and Scanners are rx only devices they should share this antenna feed with no problem.(previous owner had 4 tvs hooked to this antenna!)
DISCLAIMER: I not saying you can't damage your equipment and I assume no liablity for the above statement since it is my opinion only.

Andy

cropley@cbnewsf.cb.att.com

2412. Re: Touch Tone Decoder

Newsgroup: rec.radio.scanner
Date: 1994-04-07 17:36:35 UTC
From: laird@pasture.ecn.purdue.edu
Message-ID: <laird.765740195@pasture.ecn.purdue.edu>
Source record: 275710
Cross-posted to: rec.radio.scanner,alt.2600

eesnyder@beagle (Eric E. Snyder) writes:

>The 1994 ARRL handbook has a very simple decoder (two IC's) that
>*I* could probably even put together. ...haven't tried yet but it
>looks straight forward. To get a feel for how simple it is, it has
>four LEDs from which the 16 tone pairs can be deduced. Pretty low
>level...

Basic DTMF decoder chips are widely available, but using them with
just LEDs is a pain - next to impossible for decoding autodialed
numbers.

The chips I've used have a 4-line bus (with optional Valid Pair
output and handshaking). It's not too difficult to connect such
chips to a PC parallel port.

>Eric E. Snyder
>Department of MCD Biology ...making feet for childrens' shoes.
>University of Colorado, Boulder

Hmmm...Eric sounds pretty technically smart. He can't spell
"children's" correctly so he MUST be a wiz at something at
the University...

--kyler

2413. Re: NOAA 1-900 number

Newsgroup: rec.radio.scanner
Date: 1994-04-07 18:12:26 UTC
From: S Willingham <harris.swilling@ic1d.harris.com>
Message-ID: <CnwIKr.5KE@news.ess.harris.com>
Source record: 275712
Cross-posted to: sci.geo.meteorology,rec.radio.scanner

In article <2o1afe$97q@Mercury.mcs.com> Henry Barnow, hank@MCS.COM writes:
>I thought that NOAA was supported by our tax dollars.
>If so, then why do we have to pay 95 cents a minute to
>get weather information that our tax dollars have already
>paid for?

I suspect that this 900 number is not "sponcered" by NOAA. It is probably a private company "entrepreneur" trying to sell information that is normally provided free of charge (via tax dollars) to the public. I suppose one could argue that they provide a service to people without access weather radios, television, broadcast band radios, or news papers. (Let see now, that leaves about six people who live in Arkansas, and they don't even have a telephone!) :-)

Cheers,
Steve.

Steve Willingham | "Will communicate during next
swilling@ic1d.harris.com | favorable satellite overpass"

2414. Two way/field programmable radios

Newsgroup: rec.radio.scanner
Date: 1994-04-07 18:32:38 UTC
From: ckf@christa.unh.edu
Message-ID: <2o1jk6$n71@mozz.unh.edu>
Source record: 275713
Cross-posted to: rec.radio.cb,rec.radio.scanner,rec.radio.equipment

I was wondering if anyone could email/post the general FCC rules
regarding two way/field programmabe radios including licensure, range,
etc. I know this is alot to ask, and a fairly general topic, but I don't
really have any specific questions to ask. THANKS!
Chris Fowler
Ranger: Franconia Notch State Park

2415. Re: New Pro 43 failed yesterday!

Newsgroup: rec.radio.scanner
Date: 1994-04-07 18:46:56 UTC
From: jkearman@arrl.org
Message-ID: <1994Apr7.184656.2364@arrl.org>
Source record: 275714

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: In article <2nuagr$6sr@crl2.crl.com> vhealey@crl.com (Victor Healey) writes:

: > Of all the things a new Pro 43 failed while driving down the road
: >yesterday! No audio! After checking it out on return I discovered the
: >internal speaker went awol! Today we may have tornado's! This is what I
: >bought the radio for in the first place, for use during the tornado
: >season! Darn you radio shack for specifiying parts that are the bare
: >minimum to get the job done.

: If it makes you feel any better (I doubt that), I have seen lots of people who
: have had the exact same thing happen. At least Radio Shack is consistent!

On the other hand, there are thousands of undamaged PRO-43s out there.
I think Radio Shack has an excellent track record with their scanners,
reliability wise. Stuff breaks. That's what guarantees are for. I
don't think it's fair to single out Radio Shack. When you sell as many
scanners as they do, you're bound to have a few problems. At least you
can take it back to ANY store for refund/replacement/repair.

Regards,

Jim

2416. Digital!!Scanners obsolite?

Newsgroup: rec.radio.scanner
Date: 1994-04-07 18:53:16 UTC
From: ckf@christa.unh.edu
Message-ID: <2o1kqs$nbq@mozz.unh.edu>
Source record: 275715

I heard a rumor that technology may see a major advancement to more sophisicated types of broadcasting because of the mess of regular MHz bands out there now. All the bands the FCC can offer are almost filled. This has promted a major research project in the use of "digital" broadcasting. Is this all true/accurate? What will this mean for the scanner world? Just thought I wold raise a topic.
Chris Fowler

2417. Bearcat scanner.

Newsgroup: rec.radio.scanner
Date: 1994-04-07 19:22:45 UTC
From: dkolson@purple.ics.uci.edu
Message-ID: <2o1mi5$1tn@purple.ics.uci.edu>
Source record: 275716

Hi all,

I have the Bearcat scanner that has 100 channel memory (I forget the model # now). Anyway, it worked fine one day, then the next it wouldn't do anything. So I charged the battery---still nothing. Then I noticed that if I sort of pushed the antenna firmly (near the base where it connects to the scanner) the radio came on if the power switch was on.

Well, I thought that a loose connection was all that was the problem so I decided to open it. Well, now it doesn't work at all. I didn't touch anything, just removed the backing. Argh!!!

Here are two questions for you:

1) Has anyone else experienced this problem with their scanner not working?

2) Is it necessary to send it back to Bearcat to get it fixed, or is there possibly a place here in So. Cal. that can take a look at it?

Cya,
David
P.S. My scanner is just about a year old. If that matters...
--
Bazooka Joe says, "Don't let anyone burst your bubble."

"I got a rock." -- Charlie Brown

2418. 923 MHZ What is it?

Newsgroup: rec.radio.scanner
Date: 1994-04-07 19:34:00 UTC
From: ctuttle@newmen.mmm.com
Message-ID: <7APR199413344344@newmen.mmm.com>
Source record: 275717

We have a piece of equipment that seems to be having some RFI problems with something around 923 MHZ. Anyone have any ideas what this could be? I used a spectrum analyzer to look at the signal. It is intermittant and seems to be modulated at least 500 Khz. Anyone have any ideas what type of device could be generating this?

cltuttle@mmm.com
Craig L. Tuttle

2419. Re: RS 2006 best buy?

Newsgroup: rec.radio.scanner
Date: 1994-04-07 20:02:12 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Apr7.150212.1@uoft02.utoledo.edu>
Source record: 275718

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

> All things considered, the 2006 is a very good radio. You comment on RS RF
> products is true to some extent. Their quality (in manufacturing) is not too
> hot. My 2005 could never pick up 1.2 GHz Ham freqs. In the past few months I
> have noticed that 800 MHz is starting to fade. I have the sevice manual, so I
> figure I'll have to give it a tune up soon. Anyone else notice that the
> sensitivty is getting worse?

What type of antenna are you using? If its an external one, sometimes moisture
can get into the coax connections, and noticeably degrade performance at higher
freqs. Also, during the spring, I notice a drop in reception on 800Mhz due to
the leaves on the trees absorbing the radiation at those higher freqs.

Later...

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The University of Toledo
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stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

2420. Chapter 90 violation (last chapter)

Newsgroup: rec.radio.scanner
Date: 1994-04-07 20:28:24 UTC
From: wmeranda@vnet.ibm.com
Message-ID: <CnwovC.tCL@sernews.raleigh.ibm.com>
Source record: 275719
Cross-posted to: rec.radio.scanner,alt.radio.scanner

A while back I asked if anyone knew what Raleigh NC police were referring to when they had 'a possible chapter 90 violation'. Many people posted that the reference was to possible violation of state/local drug laws, and some suggested that the local library could confirm that.

I felt obligated to follow up on that tip since I should have had enough sense to think of it myself. Can't guarantee this is interesting to anyone but me:

Chapter 90 0f the General Statues of North Carolina cover lots of areas that appear to deal with personal safety <guess you could claim that about most laws>. Article 5 of chapter 90 is the NC Controlled Substances Act. It lists all controlled substances and categorizes them into six "schedules" or categories according to their danger. An example of a Schedule 1 (very dangerous) substance is Benzine, Schedule 2 consists of many street drugs like cocaine and heroin, on down to schedule 6 which contain drugs with 'no medical use - low risk' like marijuana. Article 5 also covers the violations (possession, selling, manufacture etc.) and their associated penalties.

Another article (5B) covers the same things for drug paraphernalia (seeds,scales,pipes...).

Thanks for the help.

Wes Meranda

2421. Re: PSP Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-04-07 20:40:01 UTC
From: bobs827056@aol.com
Message-ID: <2o1r31$m49@search01.news.aol.com>
Source record: 275754

In article <2nups5$qng@mustang.alleg.edu>, berling@reis60.alleg.edu (Gordon Berlin) writes:

Hi, I'm interested. It would be great if u would E-mail a copy to me.

thanks....bob

2422. Re: Suggestions for ultimate scanner design (proposal)

Newsgroup: rec.radio.scanner
Date: 1994-04-07 20:48:48 UTC
From: jqtaylor@boi.hp.com
Message-ID: <CnwptC.4EA@boi.hp.com>
Source record: 275720

Victor Healey (vhealey@crl.com) wrote:
: In article <Cnt1x0.L02@boi.hp.com>,
: John Quill Taylor <jqtaylor@boi.hp.com> wrote:
: >I would like a remote scan button (wire or wireless) to put under my pillow.
: >A simple mini-headphone-type jack would do it.
: >
: John Quill Taylor could we ask you what the remote 'button' is
: supposed to do? What benefit would it have? Seems to me that 'this wire
: under your pillow' may easily damage a connected device as you toss and
: turn in your sleep (IMHO).

I should clarify: On my Pro 39, the SCAN button has been used so much that it is about worn out. Sometimes it doesn't even work - maybe the contacts are dirty. Anyway, if you don't like the freq you're listening to, you have to press the SCAN button, and in the dark or in the car this is a frustrating task. Why not have a remote button (maybe hook it up to one of the buttons on the streering wheel!) to cause the scan to occur. That way you would not have to picj up the radio and hit the SCAN button. Instead of reaching over in the dark to press scan over and over, you could just hold the push-button. Maybe put PRIority on it too. Maybe we need a mouse port......

--

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MST = GMT - 7) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 430 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

2423. Re: Mobile restrictions in NY & NJ?

Newsgroup: rec.radio.scanner
Date: 1994-04-07 21:55:07 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Apr7.215507.14687@rsg1.er.usgs.gov>
Source record: 275721

In article <2o162u$ldn@dancer.cc.bellcore.com>, whs70@dancer.cc.bellcore.com (sohl,william h) writes:
|> In article <JSWAN.94Apr6123444@elaine53.stanford.edu>,
|> Jerold Loren Swan <jswan@elaine53.Stanford.EDU> wrote:
|> >Hopefully my new PRO-43 from Marymac will be here in a couple days, and
|> >then I'll be travelling to NY & NJ.
|> >
|> >Any restrictions on mobile use in these states. I know there's a book
|> >you can buy about this, but since it's only two states and short notice
|>
|> No problem in NJ.
|>
|> NY does not allow radios that can receive police in mobiles, but the
|> law does have an amateur license exemption (so you need not worry if
|> you are a ham).
|>

If you read most of the amateur exemptions closely, you will find that they are worded such that an amateur is allowed to operate amateur equipment which is capable of out-of-band reception. This does not necessarily allow a ham to legally carry a scanner. Most cops probably wouldn't worry about (or know about) that distinction - but be aware that being a licensed amateur does not necessarily make you scanner legal in all 50 states. It is still a reasonable precaution (and a related fun hobby)....

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

2424. Re: NOAA 1-900 number

Newsgroup: rec.radio.scanner
Date: 1994-04-07 21:59:22 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Apr7.215922.14928@rsg1.er.usgs.gov>
Source record: 275722
Cross-posted to: sci.geo.meteorology,rec.radio.scanner

In article <2o1afe$97q@Mercury.mcs.com>, hank@MCS.COM (Henry Barnow) writes:
|> I thought that NOAA was supported by our tax dollars.
|> If so, then why do we have to pay 95 cents a minute to
|> get weather information that our tax dollars have already
|> paid for? To further my case, Try to find a DIFAX chart on
|> the internet or anywhere without paying for it.
|>
|> Comments?

Your tax dollars did not, however, cover the expense of providing phone
access to this information. Government agencies sell information, but
they are only allowed to recoup the cost of providing that information.

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

2425. Re: NOAA 1-900 number

Newsgroup: rec.radio.scanner
Date: 1994-04-07 22:09:33 UTC
From: capskb@alliant.backbone.uoknor.edu
Message-ID: <2o20at$qq2@romulus.ucs.uoknor.edu>
Source record: 275723
Cross-posted to: sci.geo.meteorology,rec.radio.scanner

>In article <2o1afe$97q@Mercury.mcs.com> Henry Barnow, hank@MCS.COM writes:
>>I thought that NOAA was supported by our tax dollars.
>>If so, then why do we have to pay 95 cents a minute to
>>get weather information that our tax dollars have already
>>paid for?
>

Lessee, the operations budget of the National Weather Service,
excluding capital for satellites and radars, is roughly $250 million.
That is $1 per person per year. Make that your tax dollar, singular,
and write your Congressman extolling the value you've gotten for
your dollar. Or you could ask for a free minute on the Weather Channel's
1-900-WEATHER, keep the change.

Keith

2426. Re: Attn: Camnis HCS-050 users

Newsgroup: rec.radio.scanner
Date: 1994-04-07 23:59:02 UTC
From: leowaltz1@aol.com
Message-ID: <2o26o6$olk@search01.news.aol.com>
Source record: 275727

Anyone have any problem with programming the "step" value when using search range 9 ?? I seem to be unable to enter anything and get it to store for only this one range. I have tried the same frequencies in other search ranges with success, but using the identical entries in range 9 does not work.
Is there anything special about any of the ranges or banks ???

By the way, "2ndF", "STEP" (which displays "TONE") seems to do a HOLD function for scanning, much like the "DLY/HLD" does for the searching.

Leo Waltz
LeoWaltz1@aol.com

2427. MDT Tapping.

Newsgroup: rec.radio.scanner
Date: 1994-04-08 00:43:54 UTC
From: eclafl1@umbc.edu
Message-ID: <2o29caINNn1p@umbc8.umbc.edu>
Source record: 275729

I am wondering what anyone can tell me about equipment that can intercept and display MDT dispatches between public safety personnel and dispatchers. This kind of traffic (from past experiences) is often much more exciting (entertaining and humorous also) than what can be picked up on your scanner.

I know its out there, but how much does it cost, and how can I get my hands on it?

** DISCLAIMER ** This message is for the sole purpose of obtaining this equipment for entertainment purposes only! The author does not
wish to use such equipment for any other purpose!

****
ERIC CLAFLIN EMT-P, NICS, PHTLS ****** " It seems there is nothing
UNIVERSITY OF MARYLAND EMSS ****** in this world that binds,
SHOCK TRAUMA SERVICES - UMBC ****** When you're trying to find
<<< green bay packers >>> ****** your place in the line. "
eclafl1@gl.umbc.edu ****** -JUDE COLE
**********^^^^^^**********

2428. RE: PSP freq's.

Newsgroup: rec.radio.scanner
Date: 1994-04-08 01:20:37 UTC
From: ckf@christa.unh.edu
Message-ID: <2o2bh5$rs8@mozz.unh.edu>
Source record: 275732

To whoever posted the PSP freq. offer, I am interested in recieving those from you. ckf@christa.unh.edu Thanks!

Chris Fowler

2429. Regency M400 power supply help.

Newsgroup: rec.radio.scanner
Date: 1994-04-08 02:52:52 UTC
From: rainey@vax.sonoma.edu
Message-ID: <1994Apr7.185252.1@vax.sonoma.edu>
Source record: 275734

HELP!!!

I just bought an old Regency Touch M400 from a pawn shop.
It appears to be in working condition, but I have know idea
how to program the damn thing..? Does anyone out there know
anything about this crazy box? Also, and this might sound real
dumb, but oh well... It did not come with a power transformer, and
well I was wondering. It says it requires 13.8 VDC - 10 W MAX...
Do you think I could get away with a 12 VDC adapter? I have been
having a hard time finding a 13.8 volt adapter. Please reply...

2430. Re: Frequency Counter

Newsgroup: rec.radio.scanner
Date: 1994-04-08 03:21:04 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Apr7.222104.1@uoft02.utoledo.edu>
Source record: 275736
Cross-posted to: alt.radio.scanner,rec.radio.scanner

mahjmac@netcom.com (Michael A. Hotz) writes:
> I recently purchased the RS frequency counter, and find it a very neat
> utility. Already used it to determine the frequency of several gizmos
> I've collected over the years!
>
> I'm wondering if anyone out there has had any luck with using one in
> close proximity to a large trasmitting tower such as utilities and
> public service departments (police, fire, etc.) use. Is there any
> kind of directional antenna that could be attached to this thing to make
> it useful in the situation described.

I've found the freq for some low power HT's at about 10-20 yards away, but never have used it on a repeater. For the money, it's not a bad deal at all. I live fairly close to a FM broadcast transmitter, and if I'm in the right place _inside_ the house, it will lock onto 105.500 Mhz. A preselector/amplifier would make such a device much more valuable, but the only I know of is made by Opto and is VERY expensive (around $900! I think).

Later...

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Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

2431. Re: Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-08 03:28:29 UTC
From: hunde@delphi.com
Message-ID: <ZA8PKml.hunde@delphi.com>
Source record: 275738

Alot of times you can only hear one side of a celllular conversation because the call occurs between a long distance carier. Like if you call another state on your car phone most probably you could only listen with a scanner to one side of the call.

2432. Re: Cellular FAX

Newsgroup: rec.radio.scanner
Date: 1994-04-08 03:31:41 UTC
From: hunde@delphi.com
Message-ID: <Zi0PyGl.hunde@delphi.com>
Source record: 275739

I've heard you can record the fax transmision on a DAC and with a little luck you can get it to feed into a fax and display what was faxed.

Also, there is a commercial board to decode fax transmissions, its $500+

2433. Re: BEST BASE CELLULAR ANTENNA???????

Newsgroup: rec.radio.scanner
Date: 1994-04-08 03:35:11 UTC
From: hunde@delphi.com
Message-ID: <Rg1Miun.hunde@delphi.com>
Source record: 275740

EMAIL me and I can give you the adress of a manuf. that makes a good antenna for cellular, for a reasonable price $100. Some of the commercial antennas cost up to thousands of dollars. Still interested? :)

2434. Re: Pro-43 Help

Newsgroup: rec.radio.scanner
Date: 1994-04-08 03:37:25 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Apr7.223725.1@uoft02.utoledo.edu>
Source record: 275625

> I have the same problem. The local police recently added a frequency
> that none of my friends with pro-43 can receive. They are phasing
> the old freq out.
> The pro 43 rounds them off.
> The new channel is in the 850 something range, all we can get is
> bleed over, not very clear either.
>
> Don't know what to tell you other then buy a scanner with selectable
> channel spacing, because we can receive it on one friends scanner,
> I think it is an AOR look a like.
> -John.

Hmmm, I wasn't aware the FCC had changed the channel spacing in the 800Mhz yet... What is the frequency in question?

Later...

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Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

2435. WANTED, used 2004,5,6's, used scanners & have Auto CELLULAR SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-04-08 03:42:01 UTC
From: hunde@delphi.com
Message-ID: <ZC2uC8h.hunde@delphi.com>
Source record: 275741

Highest price paid for used scanners, espec 2004,2005, and 2006.

Also, have for sale device that will track and follow cellular's,plus had DTMF decoder,auto tape control,and has ability to do 800 trunked and digital pagers, and also computer control your scanner. This one box does it all for around $500

EMAIL me... HUNDE@DELPHI.COM

2436. rec.radio.scanner

Newsgroup: rec.radio.scanner
Date: 1994-04-08 04:05:22 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Apr7.230522.1@uoft02.utoledo.edu>
Source record: 275626

cropley@cbnewsf.cb.att.com (andrew peter.cropley) writes:
> reider@acrux.GSFC.NASA.GOV (Reider. Richard 286-6457) writes:
>>I recently obtained my new pro43 and love it,
>>but now I have a greed for signals!!
>>Does anyone out there using a 43 at home have
>>a strong antenna suggestion? (in the <$100 range)
>>Any and all help will be appreciated.
> .....
> When I moved into my cuurent home the previous folks had gotten Cable, I
> to utilize Cable. However the previous owner had put up a VHF/UHF TV antenna
> before cable came to the area. Although these are really designed for the
> tv frequencies (60?-88?, 170?-220?,512-800?) it is still MUCH better than the
> rubber duck on my Pro43. All i needed was 300 to 75 ohm converter and a
> F connector to BNC adapter (both are cheap and available at the Rat Shack)
> I pick up stuff at better than 75 miles away (NOAA) 2 meter repeaters
> (50+ miles) simple test to switch back to the duck and I don't get the same
> signals (helps that the TV antenna is up on the roof!!) This could be a
> cheap solution. Keep in mind I have cable so this antenna is defunct. I use
> mine exclusivly for my scanner.
[stuff deleted]

I did the same thing with my parents log peroidic VHF-UHF antenna. Another enhancement you might try is to mount the antenna vertically (on its side). This will make the antenna vertically polarized, and should help even further, as most VHF-UHF transmitters utilize (of course there is exceptions) vertical polarization. This should reclaim the loss you are currently getting by using the opposite polarization. And yes, this is an extremely cost efficient beam! If a person doesn't already have one, sometimes you can find a neighbor who doesn't use the outdoor antenna anymore, and sometimes will be even glad to get rid of it! It's worth a try!

Later...

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Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

2437. A blind man with a radio.

Newsgroup: rec.radio.scanner
Date: 1994-04-08 04:09:34 UTC
From: achern@wam.umd.edu
Message-ID: <2o2ldu$nrs@cville-srv.wam.umd.edu>
Source record: 275742

After getting a hair cut, I was walking to my car when I saw a blind man walking along the sidewalk talking into a radio. It was turned up so loud I could hear the conversation going on: about three people (including the blind man I was watching) were conversing as if they were on a police--dispatch frequency. The blind man (who was using a walking-stick, etc) asked for a physical description of the "subject". The description was given (unfortunately I was too far at this point to hear it) and the conversation continued. I got into my car, circled around, and pulled along the sidewalk beside the man. I asked him out of curiousity what frequency he was on. He told the woman he was talking to on the radio that he would "call her back" and asked me if I was using a CB, or what. I told him, "no, just a radio." At this point, the man is moving his head and repositioning himself in what seemed like an attempt to focus in on me. There was something visably wrong with his eyes. "Oh, well I'm on UHF, sorry," the blind man says. I realize the misunderstanding and explain that I have a scanner, not a car radio, etc. He mumbles something about being in the 800 range. I ask again if he would mind telling me what frequency he was using or if he would rather keep it to himself. He told me he would rather keep it to himself. I thanked him and drove away. When I was out of sight I pulled over and scanned the frequencies between 806.0 and 830.0. I didn't pick up anything. Perhaps I should have continued looking. If this guy was undercover, he was doing a damn good job. He seemed genuinly blind, his radio was obvious and blasting and he seemed a bit mentally abnormal. Does anyone have any idea on what this guy might have been doing, or what frequency he was using? It was definately a radio, not a phone of any sort. The antenna was a rubber duckie about a foot long.

Alex Chernyakov.

2438. Icon R9000

Newsgroup: rec.radio.scanner
Date: 1994-04-08 04:10:00 UTC
From: gerik@iat.holonet.net
Message-ID: <CnxA8r.76C@iat.holonet.net>
Source record: 275743

Will someone please post a review of the Icon R9000 and how it compares
with other radios.

James Gerik <gerik@holonet.net>

2439. Pager Notification Nets&Trunked Systems

Newsgroup: rec.radio.scanner
Date: 1994-04-08 04:13:35 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Apr7.231335.1@uoft02.utoledo.edu>
Source record: 275744
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I was wondering how the pager notification networks are able to reliably detect fire calls in cities with trunked systems, so they can notify all the members?

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Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

2440. PRO-43 keyboard and speaker question

Newsgroup: rec.radio.scanner
Date: 1994-04-08 04:23:29 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Apr7.232329.1@uoft02.utoledo.edu>
Source record: 275745
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I got my PRO-43 late '92 just after it came out (S/N <1500), and have noticed a significant loss in keyboard responsiveness. I'm going to replace the rubber membrane keyboard (the L/O key is almost totally gone due to an accident), but I'm not sure that is going to give the nice responsiveness it once had. Should I get the PCB underneath the keyboard replaced too? I've made some mods to the unit before so I'm not afraid to get my hands dirty. I think I'm gonna get the 500ma speaker too, has anybody noticed a significant difference with it?

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Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

2441. Re: Alinco 580

Newsgroup: rec.radio.scanner
Date: 1994-04-08 04:53:15 UTC
From: vector@hotcity.COM
Message-ID: <vector.1f9r@hotcity.COM>
Source record: 275746

On Mon 28-Mar-1994 18:34 , Steven Johnson wrote:
SJ> I was out hiking the other day and came across someone with an
SJ> Alinco 580. It looked like about the size of a PRO-43 but
SJ> could do all sorts of cool things like tie into the cellular
SJ> phone network (not just to listen -- to make calls!) I'm wondering:
SJ> - exactly what is this thing
SJ> - how much are they
SJ> - where do I get one

SJ> Thanks for any info.

make phone calls ON cellular? i hardly think so. the guy might have just had a repeater nearby that had phone patch capabilities in it that he showed you, but it could never tie into cellular.

greg

vector@hotcity.com

2442. Re: Help Wanted on Buying a Scanner.

Newsgroup: rec.radio.scanner
Date: 1994-04-08 06:07:05 UTC
From: danm@hebron.connected.com
Message-ID: <2o2sa9$gmo@hebron.connected.com>
Source record: 275747

In article <2nv7ep$n58@corpgate.nt.com>,
Brad Glidewell <magnet@nRCHs022> wrote:
>
>I really enjoy my AOR 3000... any comments on this one?

I have heard nothing but good things about this one. Seemingly a world of difference between it and the 2500 - different radios using different circuits, chips, etc and it shows. I've heard some suggest that the 3000 performance on shortwave (i.e. HF) is a bit marginal/nothing to write home about. What say you? How is it stand up on SW vs any of the commonly used portable SW sets?

--
==
+ Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ...+
+ Auburn, WA | and whoever is playing against the New York Mets! +
+ GEnie:D.MORISSEAU | INTERNET ADDR: danm@hebron.connected.com +

2443. Re: RS 2006 best buy?

Newsgroup: rec.radio.scanner
Date: 1994-04-08 07:35:05 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Apr8.023505.1@uoft02.utoledo.edu>
Source record: 275748

>>What type of antenna are you using? If its an external one, sometimes moisture
>>can get into the coax connections, and noticeably degrade performance at higher
>>freqs. Also, during the spring, I notice a drop in reception on 800Mhz due to
>>the leaves on the trees absorbing the radiation at those higher freqs.
>
> I was using the Diamond D-707 "Super Voice" with built in 20dB pre-amp and
> RG-8 coax that is quite new. The D707 protects the coax connector so even
> after 2 years, the silver still shines. I have tried it with the telescoping
> whip, and a variety of other antenna/coax combinations. There is just no
> 1.2GHz My 2500XLT picks them up full quieting, on the stock duck antenna.
> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com

Hmm... I wonder if the signal is being dissipated in the cable. How long is
your run of RG-8? Try the 2500 on the outdoor antenna and compare the
signal strength. I hope my 2006 isn't deaf 'up there'.... ;-)

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

2444. Re: Pager Notification Nets&Trunked Systems

Newsgroup: rec.radio.scanner
Date: 1994-04-08 08:19:37 UTC
From: rwilkins@ccnet.com
Message-ID: <2o342p$548@ccnet.ccnet.com>
Source record: 275749
Cross-posted to: rec.radio.scanner,alt.radio.scanner

cscon0151@uoft02.utoledo.edu wrote:
: I was wondering how the pager notification networks are able to reliably detect
: fire calls in cities with trunked systems, so they can notify all the members?

: Brad Steinman, N8ZRP

Serious fire buffs and monitoring enthusiasts have purchased the motorola
or ge radios and have had them programed for the proper talk groups
within the trunk system. These folks have always been part of a
notification system of some type. Many freelance news and television
photographers have had business repeaters or pagers for notification.

In san francisco and new york city these freelance news notification
networks operate on -trunked- repeaters as well as display pagers.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

2445. Re: Digital!!Scanners obsolite?

Newsgroup: rec.radio.scanner
Date: 1994-04-08 08:51:29 UTC
From: hpeach@ca.uky.edu
Message-ID: <hpeach.98.0008DBF2@ca.uky.edu>
Source record: 275761

In article <2o1kqs$nbq@mozz.unh.edu> ckf@christa.unh.edu (Christopher K Fowler) writes:
>From: ckf@christa.unh.edu (Christopher K Fowler)
>Subject: Digital!!Scanners obsolite?
>Date: 7 Apr 1994 18:53:16 GMT
>Keywords: rec.radio.scanner

>I heard a rumor that technology may see a major advancement to more
>sophisicated types of broadcasting because of the mess of regular MHz
>bands out there now. All the bands the FCC can offer are almost filled.
>This has promted a major research project in the use of "digital"
>broadcasting. Is this all true/accurate? What will this mean for the
>scanner world? Just thought I wold raise a topic.
> Chris Fowler

From what I understand there are already a few organizations out there using digital equipment. The number is bound to increase. I don't see it as a problem, as long as some standard is adopted. The problem that we have now with digital protocols is there are no standards - everyone is using their own proprietary protocols. If the industry establishes a digital transmission standard used by all manufacturers, scanners will be available that can receive them (assuming the transmission is not encrypted). If they don't and every manufacturer has their own patented, proprietary standard, then it will be illegal for scanner manufacturers to make digital scanners until the patents run out. (This is what happened in the early days of trunking. Some small company in CA built and started marketing a trunking decoder. He was quickly threatened with legal action for patent infriengement and forced out of business.) For the life of me I can't understand anyone investing millions of dollars in a communications system that becomes a worthless pile of junk if the company goes under!

Well, on the bright side, it will take years for all these small companies to switch over and for FM to disappear.

Harold
hpeach@ca.uky.edu

2446. Scanner Buff Data base Shareware

Newsgroup: rec.radio.scanner
Date: 1994-04-08 11:31:12 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.11.000B8584@cornell.edu>
Source record: 275763

For a couple of years now I have been using Scanner Buff, a data base
shareware program by BoB Ricci. For the most part it works pretty well and
has some good features. However there are a few bugs still in the system and
BoB has droped out of sight (or at least I no longer know how to get in
toutch with him).
My questions are: 1- does anyone know of another data base program
for pc that is designed for scanners or; 2- does any one know how to get in
toutch with Bob Ricci?
If you have answers to either of these questions please email me at
cjs9@cornell.edu
thanks
Carl (EX-Jarhead) Semper Fi

2447. Re: Alinco 580

Newsgroup: rec.radio.scanner
Date: 1994-04-08 11:51:49 UTC
From: vhealey@crl.com
Message-ID: <2o3ggl$nnf@crl2.crl.com>
Source record: 275750

In article <vector.1f9r@hotcity.com>,
Greg Stramback <vector@hotcity.COM> wrote:
>On Mon 28-Mar-1994 18:34 , Steven Johnson wrote:
>SJ> I was out hiking the other day and came across someone with an
>SJ> Alinco 580. It looked like about the size of a PRO-43 but
>SJ> could do all sorts of cool things like tie into the cellular
>SJ> phone network (not just to listen -- to make calls!) I'm wondering:
>SJ> - exactly what is this thing
>SJ> - how much are they
>SJ> - where do I get one
>
>SJ> Thanks for any info.
>
>
>make phone calls ON cellular? i hardly think so. the guy might have just had
>a repeater nearby that had phone patch capabilities in it that he showed you,
>but it could never tie into cellular.
>
>greg
>
>vector@hotcity.com

You might of course add that we know it recieves cellular after
cutting a wire. No trx possible in the high UHF band though as you
stated. A phone patch on 2m or 70 cm was what he noticed for the outgoing
call. Since it has an autodialer like most ham sets do now it would
appear that one was making a regular call. The voice id's before and
after the conversation would be the give away as to ham use.

Most of the new ham handhelds are very slick by scanner standards.
Why can't the ULTIMATE SCANNER have almost all of their features?
IMHO the ULTIMATE SCANNER would be also able to transmit also!

Ki4je

2448. Re: Wanted pocket tone dialer

Newsgroup: rec.radio.scanner
Date: 1994-04-08 12:22:42 UTC
From: vhealey@crl.com
Message-ID: <2o3iai$ohk@crl2.crl.com>
Source record: 275751

In article <Cnt0uM.4C0x@austin.ibm.com>, Al <ala@austin.ibm.com> wrote:
>
>In article <2n6t8h$93k@hp-col.col.hp.com>, cab@col.hp.com (Chris Best) writes:
>> > Does anyone know where i can buy a pocket tone dialer, something
>> > like radio shacks 43-139 but with about 10 memories.
>>
>> ----------
>>
>> The 43-141 has 33 memories.
>
>Actually the 43-141 was discontinued a few months ago.
>
>The newer version is I believe 43-143 and is a lot sleeker looking. Black keys,
>redesigned entirely.
>
>Al
>

The guy wants the old one which can be hacked for phone
phreaking, the new one apparently can not be. Check out alt.2600

Vic

2449. Re: A blind man with a radio.

Newsgroup: rec.radio.scanner
Date: 1994-04-08 12:24:08 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.120.000C675C@ccm.hf.intel.com>
Source record: 275767

In article <2o2ldu$nrs@cville-srv.wam.umd.edu> achern@wam.umd.edu (Alex Chernyakov) writes:
>might have been doing, or what frequency he was using? It was definately
>a radio, not a phone of any sort. The antenna was a rubber duckie about
>a foot long.

If the HT antenna got narrow at the top 4 inches, then it was an 800MHz system, otherwise it was probably 155 range.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2450. Re: Chapter 90 violation (last chapter)

Newsgroup: rec.radio.scanner
Date: 1994-04-08 12:37:37 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2o3j6h$11s@bigfoot.wustl.edu>
Source record: 275752

Wes Meranda (wmeranda@vnet.ibm.com) wrote:
: Act. It lists all controlled substances and categorizes them into six
: "schedules" or categories according to their danger. An example of a
: Schedule 1 (very dangerous) substance is Benzine, Schedule 2 consists
: of many street drugs like cocaine and heroin, on down to schedule 6

Yeah, I guesse Benzene (I'm guessing this is what you're talking about)
is kinda bad for you--like most organic solvents are when ingested. Does
a good job of um. . .dissolving. . .lots of stuff--lipids, amino acids. . .
gosh I can see why that'd be a Schedule 1. Or is Benzine a new drug I
don't know about? Or would I be in deep cow poop if I was pulled over
with a bottle of benzene in the back seat?

--jesse

2451. Re: cel phone snooping

Newsgroup: rec.radio.scanner
Date: 1994-04-08 13:24:51 UTC
From: wbloss@delphi.com
Message-ID: <hk6O6or.wbloss@delphi.com>
Source record: 275753

Elliot Zaret <ez@access1.digex.net> writes:

>Gage has estimated that 60 - 80 percent of all cel calls in the Silicon
>Valley are taped. Any thoughts on this? Any good snooping anecdotes?
>

This cannot be true. With 832 channels and a 70% occupanmcy (probably
90% in Silicon Valley) it would require over 4,600 hours of taping
just during an 8 hour business day, or almost 14,000 hours of tape
during a 24 hour day!!
IMHO about 90% of cell calls are very boring...so I've heard!

Wally Bloss
WB0BAV
A Human

2452. Re: PRO-43 keyboard and speaker question

Newsgroup: rec.radio.scanner
Date: 1994-04-08 13:42:40 UTC
From: mulligan@ACM.ORG
Message-ID: <2o3n0h$263@hopper.acm.org>
Source record: 275755

The PCB just has the conductive pattern printed on it and doesn't contribute to the responsiveness of the keyboard (it also has the CPU and would cost a bunch). The membrane is easily replaced - remove the first two boards as in the diode mod, then remove the logic board and the keypad is just sitting there. It cost $3.89 from Natl Parts a year ago (manf. part nbr GE-91C-9212, "Key, Top").
The lock-out switch is a separate part (GE-91D-9211, "Knob, Key Lock").
Preliminary reports on the 500 ma speaker are that the sound is slightly improved, albeit the volume is a little lower. It's approx. $11 and the part nbr is reported as EAS-3P127A (the original one was 123A).
/* barry /&

2453. *** UNIDEN BEARCAT 350A MODS??? ***

Newsgroup: rec.radio.scanner
Date: 1994-04-08 14:28:44 UTC
From: dgordon@sadira.gb.nrao.edu
Message-ID: <Cny2vx.MLG@news.cv.nrao.edu>
Source record: 275756

Are there any mods for the Uniden Bearcat 350A???
This is the second time I have asked. Respond to
the below address. Thanks

David
dgordon@nrao.edu

2454. Re: 923 MHZ What is it?

Newsgroup: rec.radio.scanner
Date: 1994-04-08 14:29:25 UTC
From: galen@picea.CFNR.ColoState.EDU
Message-ID: <1994Apr8.142925.117943@yuma>
Source record: 275757

In article <7APR199413344344@newmen.mmm.com> cltuttle@mmm.com writes:
>We have a piece of equipment that seems to be having some RFI problems
>with something around 923 MHZ. Anyone have any ideas what this could
>be? I used a spectrum analyzer to look at the signal. It is intermittant
>and seems to be modulated at least 500 Khz. Anyone have any ideas
>what type of device could be generating this?
>cltuttle@mmm.com
>Craig L. Tuttle

It could be an amateur transmitter, or it could be the military. Hams
have secondary privlidges on 902-928. Where are you located? If your
close to a military installation, that could be a big hint.
Does your place have a microwave oven or is there one nearby? Older
microwaves used the 900 MHz band.
Or maybe someone's cellular phone isn't as good as new.

In most cases, elimination of the interferance will be your responsibility.

Good Luck,
Galen, KF0YJ

2455. SEEKING PORABLE FREQUENCIES

Newsgroup: rec.radio.scanner
Date: 1994-04-08 14:40:34 UTC
From: dench@village.com
Message-ID: <2o3qd3$1gl@village.com>
Source record: 275762

[No readable article body recovered]

2456. Re: Help Wanted on Buying a Scanner.

Newsgroup: rec.radio.scanner
Date: 1994-04-08 14:48:44 UTC
From: magnet@nRCHs022
Message-ID: <2o3qsc$d0a@corpgate.nt.com>
Source record: 275758

Dan Morisseau (danm@hebron.connected.com) wrote:
: In article <2nv7ep$n58@corpgate.nt.com>,
: Brad Glidewell <magnet@nRCHs022> wrote:
: >
: >I really enjoy my AOR 3000... any comments on this one?

: I have heard nothing but good things about this one. Seemingly a
: world of difference between it and the 2500 - different radios using
: different circuits, chips, etc and it shows. I've heard some suggest that
: the 3000 performance on shortwave (i.e. HF) is a bit marginal/nothing to
: write home about. What say you? How is it stand up on SW vs any of the
: commonly used portable SW sets?

The audio quality is VERY good and I have very few problems picking up
the "wellknown" SW freqs. I use two ANTENAs mounted in my attic, one
which covers the 500khz-1.5 abd the other which covers 800mhz to 3ghz.

The manual for the 3000 is marginal at best. I have a friend who bought an
ICOM 7100 which would be comparable to this unit. The main differences
in the two so far as I have noticed are, size, (3000 is much smaller)
range, (3000 has more) and computer control (the 3000 come ready to
connect, the IC7100 must have a circuit board added) .

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

2457. SEEKING CORDLESS FREQS.

Newsgroup: rec.radio.scanner
Date: 1994-04-08 14:57:30 UTC
From: dench@village.com
Message-ID: <2o3rcq$1nf@village.com>
Source record: 275759

[No readable article body recovered]

2458. Re: Pager Notification Nets&Trunked Systems

Newsgroup: rec.radio.scanner
Date: 1994-04-08 15:06:57 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Apr8.150657.27295@alw.nih.gov>
Source record: 275760
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Bob Wilkins n6fri (rwilkins@ccnet.com) wrote:

: Serious fire buffs and monitoring enthusiasts have purchased the motorola
: or ge radios and have had them programed for the proper talk groups
: within the trunk system. These folks have always been part of a

In fact, someone is selling one for $600 on rec.radio.swap :-). I know
nothing about this other than what I read in the message.

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2459. University of Guelph Frequencys

Newsgroup: rec.radio.scanner
Date: 1994-04-08 17:33:43 UTC
From: dretzik@uoguelph.ca
Message-ID: <2o44hn$eca@nermal.cs.uoguelph.ca>
Source record: 275764

I am looking for freqs. for the University of Guelph in Ontario. If someone has them, could you please pass them along? They are not listed in any directory I have. I would like police, fire, maintenance, security, etc. Hope someone can help me. Thanks.

2460. More Cordless Phone Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-04-08 18:11:01 UTC
From: tharrell@nmsu.edu
Message-ID: <2o46nlINNh1l@dns1.NMSU.Edu>
Source record: 275766

This is reprinted (without permission) from the latest Natinal Scanning Report (a Bearcat Radio Club publication for those unfamiliar). It has to do with more cordless phone frequencies. Thought I'd pass it along.

More Cordless Phone Frequencies

Citing congestion on the nation's millions of cordless phones, the FCC is proposing the addition of new frequencies. The original cordless phones operated just above the AM broadcast band between 1600 and 1800 kHz. Later, they were assigned to the 46 and 49 MHz frequencies commonly in use today. Now, if things go as planned, you'll be able to tune in the phones on the 43, 44, and 48 MHz bands as well. Here's the proposed numbers:

base	handset	base	handset
43.72	48.76	44.18	49.20
43.74	48.84	44.20	49.24
43.82	48.86	44.32	49.28
43.84	48.92	44.36	49.36
43.92	49.02	44.40	49.40
43.96	49.08	44.46	49.46
44.12	49.10	44.48	49.50

--

T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

2461. Re: Wanted pocket tone dialer

Newsgroup: rec.radio.scanner
Date: 1994-04-08 18:24:32 UTC
From: president@whitehouse.gov
Message-ID: <CnyDsx.32D4@austin.ibm.com>
Source record: 275765

In article <2o3iai$ohk@crl2.crl.com>, vhealey@crl.com (Victor Healey) writes:
> In article <Cnt0uM.4C0x@austin.ibm.com>, Al <ala@austin.ibm.com> wrote:
> >
> >In article <2n6t8h$93k@hp-col.col.hp.com>, cab@col.hp.com (Chris Best) writes:
> >> > Does anyone know where i can buy a pocket tone dialer, something
> >> > like radio shacks 43-139 but with about 10 memories.

> >> The 43-141 has 33 memories.
> >
> >Actually the 43-141 was discontinued a few months ago.
> >
> >The newer version is I believe 43-143 and is a lot sleeker looking. Black keys,
> >redesigned entirely.
> >
> >Al

> The guy wants the old one which can be hacked for phone
> phreaking, the new one apparently can not be. Check out alt.2600
>
> Vic
>

BONG-Sorry Vic, I know what he wants, for whatever purposes he didn't state. And if YOU'LL follow alt.2600 you'll find some of my posts referring to the fact some time ago on the introduction from Rat Shack with the new dialer as a replacement for the older model. And BONG AGAIN-if YOU'LL follow that newsgroup you'll see (as I've stated many times already) that the new dialer CAN INDEED be modified. Already did/done that! Maybe you need to get caught up on alt.2600's news postings? By the way...the new dialer is designed with a black case, pearl colored keys, and has a newer ergonomics design to it. And just as easily mod'd as the original. Go figure.

Al

DISCLAIMER: THE ABOVE POST IS ENTIRELY OF MY OWN AND DOES NOT REPRESENT THE VIEWS OF eYe-bE-m.

2462. Modem throughput with Analog Cellular

Newsgroup: rec.radio.scanner
Date: 1994-04-08 18:56:40 UTC
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Message-ID: <1994Apr8.185640.3382@mixcom.mixcom.com>
Source record: 275769
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

A question for anyone running an analog V.32bis modem (14,1400 baud)
into an analog cellular phone.

What is the effective baud rate when all is said and done?
Does your file transfer protocol indicate many errors?

I am considering a PCMCIA 14,400 baud modem for my palmtop
that will then connect to my analog cellular phone. I don't
want to waste money on the high speed modem if effective
throughput is 2400 baud or less. Thanks.

--
/`-_ kevin.jessup@mixcom.com
{ }/ Marquette Electronics, Inc
\ / N9SQB, ARRL, Amateur Radio
|__*| N9SQB @ WD9ANY.#MKE.WI.USA.NA

2463. FINALLY: A Software Touch-Tone Decoder (DTMF) (Mac)

Newsgroup: rec.radio.scanner
Date: 1994-04-08 19:53:42 UTC
From: John_Coggi@qm_smtp.aero.org
Message-ID: <John_Coggi-080494123943@ldef.aero.org>
Source record: 275644

For snoopy scanner bugs with a Mac (and built-in microphone), there is now shareware available to decode touch-tones in real time. (Hmmm, now why would you want to do that?). I happened to come across it whilst innocently browsing the ftp site sumex-aim.stanford.edu in the /info-mac/snd/util folder (I think that's where it was). It's a demo version so 3 tones will not be recognized. You get the un-crippled version for $25. Performs pretty well when I placed my PRO-46 near my LC's mic and dialed some numbers on my cordless phone, although it sometimes gives false-positives when I talked. Can also detect Ring, Dial Tone, and Busy signals. You can paste a pre-digitized sound into it and have it decode it for tones, too. Neato. (BTW, there are hardware decoder units available which plug into your ear plug jack. They cost ~$150 - $200, though).

-- JC

2464. Re: cel phone snooping

Newsgroup: rec.radio.scanner
Date: 1994-04-08 20:07:46 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Apr8.150746.2191@hnrc.tufts.edu>
Source record: 275768

In article <hk6O6or.wbloss@delphi.com>, wbloss@delphi.com writes:
> Elliot Zaret <ez@access1.digex.net> writes:
>
>>Gage has estimated that 60 - 80 percent of all cel calls in the Silicon
>>Valley are taped. Any thoughts on this?

I guess no one's home and lots of people have answering machines.

2465. Re: cel phone snooping

Newsgroup: rec.radio.scanner
Date: 1994-04-08 20:44:27 UTC
From: S Willingham <harris.swilling@ic1d.harris.com>
Message-ID: <CnyKA4.74B@news.ess.harris.com>
Source record: 275770

In article <hk6O6or.wbloss@delphi.com> , wbloss@delphi.com writes:
>>Gage has estimated that 60 - 80 percent of all cel calls in the Silicon
>>Valley are taped. Any thoughts on this? Any good snooping anecdotes?
>>
>
>This cannot be true. With 832 channels and a 70% occupanmcy (probably
>90% in Silicon Valley) it would require over 4,600 hours of taping
>just during an 8 hour business day, or almost 14,000 hours of tape
>during a 24 hour day!!

Wally, I think he ment TAPPED ...not TAPED.

Steve Willingham | "Will communicate during next
swilling@ic1d.harris.com | favorable satellite overpass"

2466. Re: IDEA - several

Newsgroup: rec.radio.scanner
Date: 1994-04-08 20:57:05 UTC
From: stujorda@eku.acs.eku.edu
Message-ID: <1994Apr8.155705.2175@eku.acs.eku.edu>
Source record: 275645

In article <e5.2940.143.0NE0A33D@bitbytes.clark.net>, gregory.halpin@bitbytes.clark.net (Gregory Halpin) writes:
> VH> Have you purchased a scanner only to find that it doesn't have
> >all the features that are found in a similar product from another
> >manufacturer? I propose to start a collection of ideas that list a
> >desirable feature or a proposed enhancment to exisiting designs that will
> >be listed here periodically.
>
> Here are several that come to mind:
>
> 1. Multiple priority settings - as most scanners are currently set up,
> you have ONE priority channel. On some scanners it is channel 1, on
> others (RS) it is programmable to any ONE channel. My suggestion would
> be to have several priority channels, i.e. PRIORITY 1, PRIORITY 2, and
> PRIORITY 3. PRIORITY 1 is *THE* priority channel. it overrides any other
> channel when a signal is present. PRIORITY 2 would be second priority,
> in that it would override any other channel except PRIORITY 1 when a
> signal is present. And, PRIORITY 3 would override all channels except
> PRIORITY 1 and PRIORITY 2 when a signal is present. Also, if they could
> eliminate the "loss of signal" when a priority channel is being checked
> (you know, that little blank spot in a signal on a channel when the
> scanner checks the priority channel for a signal) that would be an
> improvement.
>

The Bearcat BC100XLT has this feature. It has ten banks of ten channels, and the first channel in each bank is a priority channel. It comes in real helpful, when I want to listen to the local city police, state police, and another local city police. I'm sure the BC200XLT has the same feature with ten banks of 20 channels.
My .02 worth.
Darrell Jordan--Stujorda@acs.eku.edu

2467. Re: Wanted pocket tone dialer

Newsgroup: rec.radio.scanner
Date: 1994-04-08 22:15:18 UTC
From: tharrell@nmsu.edu
Message-ID: <2o4l1mlNNrgi@dns1.NMSU.Edu>
Source record: 275771

Victor Healey (vhealey@crl.com) wrote:
: In article <Cnt0uM.4C0x@austin.ibm.com>, Al <ala@austin.ibm.com> wrote:
: >
: >In article <2n6t8h$93k@hp-col.col.hp.com>, cab@col.hp.com (Chris Best) writes:
: >> > Does anyone know where i can buy a pocket tone dialer, something
: >> > like radio shacks 43-139 but with about 10 memories.
: >> ----------
: >> The 43-141 has 33 memories.
: >
: >Actually the 43-141 was discontinued a few months ago.
: >The newer version is I believe 43-143 and is a lot sleeker looking. Black keys,
: >redesigned entirely.
: >Al

: The guy wants the old one which can be hacked for phone
: phreaking, the new one apparently can not be. Check out alt.2600

: Vic

Ummm, on alt.2600, they've said that the new ones apparently can be.
--

T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

2468. PRO-43 Question

Newsgroup: rec.radio.scanner
Date: 1994-04-08 22:22:44 UTC
From: daveg@stpaul.ncr.com
Message-ID: <daveg.1@stpaul.ncr.com>
Source record: 275772

This is my first posting to this news group. I have enjoyed reading the articles in this group. My thanks to all of you for the information that has been posted here.

I have a Realistic PRO-43 and have noticed the following problem when scanning in the 162 to 168 government frequencies range.
Some of the government frequencies are in .0025 MHz steps (example 163.3875 for a local Air Force Reserve security frequency). When this frequency is programmed into the PRO-43, it rounds the frequency down to 163.385. The user manual says that the frequency step for 162-168 MHz is .005 MHz (163.385, 163.390, not 163.3875).

I noticed that the 163.3875 frequency can be received on 163.385.

Has anyone else encountered this problem ? Are there any recommendations ?

Dave Giles
NCR NPD, St.Paul, MN.
Email: dave.giles@stpaul.ncr.com
Dave Giles
NCR NPD, St.Paul, MN.
Email: dave.giles@stpaul.ncr.com

2469. AGAIN:Seordless Feqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-08 22:43:55 UTC
From: dench@village.com
Message-ID: <2o4mnb$6aq@village.com>
Source record: 275651

[No readable article body recovered]

2470. AGAIN II:Seek Cordless Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-08 22:59:54 UTC
From: dench@village.com
Message-ID: <2o4nla$6g8@village.com>
Source record: 275773

Am having trouble with interference gobbling postings.
Missed a recent posting of cordless frequencies. Could somebody do the
honors one more time ? I believe they were in the 46 to 49 range.

aTdHvAaNnKcSe

Allan dench@village.com

2471. Re: NOAA 1-900 number

Newsgroup: rec.radio.scanner
Date: 1994-04-09 00:15:12 UTC
From: teledata@delphi.com
Message-ID: <9404082013591.DLITE.teledata@delphi.com>
Source record: 275774
Cross-posted to: sci.geo.meteorology,rec.radio.scanner

>I thought that NOAA was supported by our tax dollars.
>If so, then why do we have to pay 95 cents a minute to
>get weather information that our tax dollars have already
>paid for? To further my case, Try to find a DIFAX chart on
>the internet or anywhere without paying for it.

Henry:
I don't know if this 900 number is from NOAA or not, but lets assume it is. I can almost bet the farm that it would be a "User Fee" in which NOAA would recoup their cost for providing the phone service. User Fees are become more and more visible when the Gov't provides services. Most National parks have a fee, boaters will be paying a fee, even some of the museums in Washington have a box for "donations", a voluntary user fee. With the budget being cut for NOAA and other Gov't agencies you will be seeing a lot more user fees. It's not nice, but it's to be expected.

Jeff Guide
teledata@delphi.com

2472. Help on Pro-46 Cell Mod

Newsgroup: rec.radio.scanner
Date: 1994-04-09 02:46:43 UTC
From: x90westfall1@wmich.edu
Message-ID: <1994Apr8.214643.16845@wmichgw>
Source record: 275627

Hello! I need the correct cellular restoration instructions (869-892 Mhz?)
for a Radio Shack Pro-46 model scanner. The instructions I used to modify
it locked out the 30-50 Mhz band and moved it to the 68-88 Mhz band which is
utilized in foreign countries. Any help or advice would be greatly appreciated.

Great Scanning!!

:) :) :)
Please e-mail to X90WESTFALL1@WMICH.EDU

2473. Re: Presidental Security

Newsgroup: rec.radio.scanner
Date: 1994-04-09 02:47:01 UTC
From: cntrspy@netcom.com
Message-ID: <cntrspyCnz12D.48n@netcom.com>
Source record: 275628

sean@sdg.dra.com wrote:
: The Secret Service (or White House Communications Agency) isn't being
: sloppy. They operate under different restrictions than a private security
: company. There are actually some things that a private security firm
: could do, that the Secret Service is prevented from doing. My rights
: don't just evaporate when the U.S. President happens to be in the area.

They were being VERY SLOPPY in allowing a primary tenant of security to
be compromised. It has nothing to do with your rights (Which under
Title 10 you may have less than you think when it comes to Presidential
security). My primary reason to point it out was that the SS did NOT
know it was going on till it was pointed out at a later de-briefing. It
has nothing to do with what laws pertain to communications security, just
sloppy planning.

: Back to the issue at hand. One thing the S.S. seems to hate more than
: folks, like the news media, broadcasting where the motorcade is currently
: (too big of an event to hide anyway); is coded/encrypted broadcasts they
: can't understand in the nearby area. I've helped coordinate "civilian"
: communications at events when the president stopped by. The WHCA seemed
: most interested in making sure they could monitor our frequencies, not
: if we might broadcast something "secret." We had several hundred hand-helds
: all over the events in the hands of volunteers with no special security
: clearences (heck, I doubt some of them even had a driver's licenses).
: --
: Sean Donelan, Data Research Associates, Inc, St. Louis, MO
: Domain: sean@dra.com, Voice: (Work) +1 314-432-1100
--

--

//
Chris Hall
Operations Director
Executive Protection Associates, Inc.

"I'm not a lawyer, I just play one on T.V."

Opinions Expressed are those of the author and NOT those of EPAI.

PGP Key available... If you ask nicely...

2474. Re: Decoding Alpha Numeric Pagers

Newsgroup: rec.radio.scanner
Date: 1994-04-09 03:59:09 UTC
From: daryl@tcomeng.com
Message-ID: <2o596d$kgf@tcomeng.tcomeng.com>
Source record: 275629

Eric L. Bartholomew (cw400@cleveland.Freenet.Edu) wrote:

: Call Universial Radio in Columbus, Ohio for information on their
: M400 decoder unit. This box will decode both Golay and Pogsac
: alphanumeric pages. I've used one with great success. The box
: will also decode a lot of other digital radio data like FAX, RTTY
: CW, and others. Check it out|

The M-400 is a neat box, but it won't do 1200 or 2400
baud Pocsag. This severely limits its use for decoding
most modern alpha paging systems.

--
Daryl Jones daryl@tcomeng.com
Telecommunications Engineering Associates {decwrl}!tcomeng!daryl
South San Francisco, California Phone: (415) 871-4200

2475. Pro-43 vs. Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-04-09 04:22:49 UTC
From: holmanji@ohsu.edu
Message-ID: <1994Apr9.042249.12426@ohsu.edu>
Source record: 275630

I'm thinking about getting either a Pro-43 or a Pro-2006. Other than the obvious differences (base vs. portable, etc.) are there any features which would weigh in favor of one or the other? I noticed, for example, that the Pro-2006 covers some frequency ranges which the -43 does not. But is there anything in these other ranges worth listening to?

Any comments will be very welcome. I'm a complete stranger to all this!

Jim Holman holmanji@ohsu.edu

2476. Re: Alinco 580

Newsgroup: rec.radio.scanner
Date: 1994-04-09 04:56:51 UTC
From: Mike Taylor <netsurfr@delphi.com>
Message-ID: <5a3vaij.netsurfr@delphi.com>
Source record: 275631

Greg Stramback <vector@hotcity.COM> writes:

>On Mon 28-Mar-1994 18:34 , Steven Johnson wrote:
>SJ> I was out hiking the other day and came across someone with an
>SJ> Alinco 580. It looked like about the size of a PRO-43 but
>SJ> could do all sorts of cool things like tie into the cellular
>SJ> phone network (not just to listen -- to make calls!) I'm wondering:

This is called amateur radio.... you know - HAM. An FCC licence is required to
legally do what your hiker friend was doing.

2477. Re: Presidental Security

Newsgroup: rec.radio.scanner
Date: 1994-04-09 05:38:10 UTC
From: sean@sdg.dra.com
Message-ID: <1994Apr9.003810.611@sdg.dra.com>
Source record: 275632

In article <cntrspyCnz12D.48n@netcom.com>, cntrspy@netcom.com (Executive Protection Assoc) writes:
> They were being VERY SLOPPY in allowing a primary tenant of security to
> be compromised. It has nothing to do with your rights (Which under
> Title 10 you may have less than you think when it comes to Presidential
> security). My primary reason to point it out was that the SS did NOT
> know it was going on till it was pointed out at a later de-briefing. It
> has nothing to do with what laws pertain to communications security, just
> sloppy planning.

I'm not sure I believe you when you claim private security firms would have handled it better than the SS. Bill Gates' wedding was the first time I've ever seen private security successfully handle the problem of media helicopters. Its just plain tough to make the media do what you want them to do, and most of the time you don't have the advantage of being on an isolated island.

I don't know why the SS (if it was in fact the SS, sometimes the SS gets blamed for the stupidity of others) told the media copter to stop broadcasting the current motorcade position. Heck, while in St. Louis, the position of the motorcade is broadcast in the clear by the SS as they coordinate street closings with various local police departments (St. Louis has very balkanized local government, 100+ different municpalities with their own police). A presidential motorcade is just too damn big and noisy to pretend its a secret. Its like Trident submarines setting out to sea for its tour of duty. The navy assumes that every person on shore, satallite in the sky, and spy is watching the port. So they don't attempt to sneak out, instead it is a big public event. The stealth of the submarine doesn't depend on the public on shore keeping a secret. Nor would I expect the security of the presidential motorcade to be dependent on the media keeping its route a secret. Of course, not everything is as it seems to be. If the "enemy" gets used to submarines sailing in broad daylight, it makes it easier to sneak out when you want too. [Re: News stories about the Clintons leaving the White House for an evening without the press knowing.]

P.S. Title 10 doesn't overrule the U.S. Consititution.
--
Sean Donelan, Data Research Associates, Inc, St. Louis, MO
Domain: sean@dra.com, Voice: (Work) +1 314-432-1100

2478. Re: what is "ringers at TKO"?

Newsgroup: rec.radio.scanner
Date: 1994-04-09 05:43:21 UTC
From: karlm@rci.ripco.com
Message-ID: <Cnz98A.F64@rci.ripco.com>
Source record: 275633

Charles Copeland (copeland@metronet.com) wrote:
: Seems every paramedic call I here the person on "ringers at TKO"
: whatever that means. Every thing from heart attacks to athsma gets this
: stuff. What is it?

I believe ringers lactate is basically water with glucose and salt added. I assume the tko part is refering to the flow rate. It's basically just a carrier for whatever other drugs they might want to administer.

2479. Re: Icon R9000

Newsgroup: rec.radio.scanner
Date: 1994-04-09 05:47:24 UTC
From: karlm@rci.ripco.com
Message-ID: <Cnz9F1.F96@rci.ripco.com>
Source record: 275634

James Gerik (gerik@iat.holonet.net) wrote:
: Will someone please post a review of the Icon R9000 and how it compares
: with other radios.

From what I've read the Icom R9000 is an excelent radio with just about every bell and whistle you could ask for. It is also around $5000 new I think. That's well out of my budget.

2480. Re: Hear AM air freq image on FM VHF rcvr?

Newsgroup: rec.radio.scanner
Date: 1994-04-09 05:58:14 UTC
From: ml7923@jalapeno.albany.edu
Message-ID: <1994Apr9.055814.23968@sarah.albany.edu>
Source record: 275635

In article <9404081114.AA725@nwugate.fidonet.org> Jerry.Smith@f747.n115.z1.fidonet.org (Jerry Smith) writes:

> m> 3. 133.535 MHz I do not recognize as any frequency being used
> m> by either Cleveland Hopkins or Akron/Canton airports. Does not
> m> show up anywhere in Police Call. (which really did not surprise me)
> m> Any insight from anyone?
>
> Hmmm....it may not necessarily be for an airport. Several air carriers
>have freqs to communicate with air crew on the ground that is for their
>compnay. You will see these at the back of the Police Call book...usually
>in the 130 range. I suspect that this is not a complete listing, though.
>

From a 4-year-old copy of the Airport/Facilities Directory, 133.525 appears to be the frequency for high-altitude traffic in the Sandusky sector of Cleveland Center's airspace...however, this may have changed since then... anyone know for sure?


```
============================+============================+====================
+--+--+ | | Mike Lazaro (a.k.a.) | "What do you think,
| | | o | / *--\ \ / | ml7923@csc.albany.edu | Sirs?"
| | | |/ |__/ \_/ | ml7923@uacsc1.albany.edu |
| | | | |\ | | | ml7923@uacsc2.albany.edu | --Mystery Science
| | | | | \ \__/ | | usergqfe@mts.rpi.edu | Theater 3000
============================+============================+====================
```

2481. Re: Wanted pocket tone dialer

Newsgroup: rec.radio.scanner
Date: 1994-04-09 10:00:41 UTC
From: vhealey@crl.com
Message-ID: <2o5uc9$jmv@crl2.crl.com>
Source record: 275636

It was written "BONG-Sorry Vic, I know what he wants, for whatever purposes he didn't state. An d if YOU'LL follow alt.2600 you'll find some of my posts referring to the fact som e time ago on the introduction from Rat Shack with the new dialer as a replacement for the older model. And BONG AGAIN-if YOU'LL follow that newsgroup you'll see (as I've stated many times already) that the new dialer CAN INDEED be modified. Already did/done that! Maybe you need to get caught up on alt.2600's news postings?"

Usenet is too much! alt.2600 has valuable and neat information but I can't read it all. I download on occasion all messages in alt.2600 for later skimming using a script to do it. I guess quite a bit of it is backed up and unread at the moment. A quick check reveals you are right!

Sorry!

Victor Healey ki4je

2482. Re: Presidental Security

Newsgroup: rec.radio.scanner
Date: 1994-04-09 10:52:40 UTC
From: vhealey@crl.com
Message-ID: <2o61do$ki8@crl2.crl.com>
Source record: 275637

It was written "They were being VERY SLOPPY in allowing a primary tenant of security to be compromised. It has nothing to do with your rights (Which under Title 10 you may have less than you think when it comes to Presidential security). My primary reason to point it out was that the SS did NOT know it was going on till it was pointed out at a later de-briefing. It has nothing to do with what laws pertain to communications security, just sloppy planning. "

I agree that there is a lack of true protection for vips. I live near a miltary base and the vip's use it in visiting. After listening to various services and just plain using ones intellect I have pieced together far more then anyone should know about vip security. In the wrong hands this could be deadly. I am gald I am not a vip and not in charge of their security as I believe it largely is an illusion. Now if I could do it as a hobby what is stopping the flakes from hostile powers and religious cults (Muslim) from truely making a mark on history by knocking out some of there folks? IMHO very little.
Vips can be tracked on HF as well as VHF and UHF by any radio amature who is inclined. Too many additional agencies transmit information regarding their involvement in security. If part of one is encoded or uses cryptic words, another reveals the meaning by transmitting missing information in the clear which then reveals the meanig an intent of the cryptic transmissions.
Look at what happened in Rwanda. How did those folks know who was on that plane? And that is the third world! Most of the folks that hate US vips are far more educated and have access to far more advanced technology. IMHO those charge with providing security have been very lucky to date. If they don't pay attention to items such as this their luck may run out. My advice to those in the industry is also to do the unexpected. Don't use the same facilites over and over again. Don't use the same general routes. Don't allow the public to know in advance of any vip visit! Buy the very best technolgy for wireless communications and make sure everone knows how to use it. Do not let other agencies communicate in the clear or give their locations in the clear. Punish any lapse in security swiftly and compensate those who follow the plan with rewards.
Humbley submitted by an interested observer.

2483. Looking for pro2032 cell mod!!

Newsgroup: rec.radio.scanner
Date: 1994-04-09 12:16:56 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Apr9.081228.1@cad3.uccb.ns.ca>
Source record: 275638

Looking for cellular mod for a pro2032!
If anyone can help please post.
rling
rling@cad.uccb.ns.ca

2484. Re: A blind man with a radio.

Newsgroup: rec.radio.scanner
Date: 1994-04-09 13:09:12 UTC
From: damelio@bedford.progress.com
Message-ID: <2o69do$pt4@progress.progress.com>
Source record: 275639

Alex Chernyakov (achern@wam.umd.edu) wrote:

: After getting a hair cut, I was walking to my car when I saw a blind man
: walking along the sidewalk talking into a radio. It was turned up so

[snip]

He was:

A. An undercover cop
B. A Ham
C. A crazy person talking into his transistor radio.

Depending upon what city you are located, I'd go with C.
--

-=-
Steve D'Amelio
damelio@bedford.progress.com

=-=

2485. Re: Pro-43 vs. Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-04-09 13:27:49 UTC
From: fin@panix.com
Message-ID: <2o6agl$gk7@panix.com>
Source record: 275640

Jim I just picked up a pro2006 and am very happy but
something you said reminded me of how I pestered the
salesclerks to open each model and break out the
manuals so I could do some comparison between models
(the clerks just wanted me to handle the floor models
like that's gonna tell me much beyond it feels good
in my hands).

I've seen that there are TANDY people here monitoring
the conference...here's a free beni-sup for you to
get in good with your bosses.

WE, your customers, need a GOOD cross comparison
of technical specs (ala consumer reports maybe?)
between the various models in addition to access
to the floor models of your products.

fin
--
The name of the game is KNOW YOUR ENEMY. | fin@panix.com
Your advesaries game plan is to convince | David Finan
you he does not exist. |

2486. Re: AGAIN II: Seek Cordless Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-09 13:51:42 UTC
From: mulligan@ACM.ORG
Message-ID: <2o6bte$8up@hopper.acm.org>
Source record: 275641

dench@village.com (Allan Denchfield) asks:
> Missed a recent posting of cordless frequencies. Could somebody ...

From the FAF - Frequently Asked Frequencies file, available as
/pub/hamradio/docs/misc/scanner.faf on oak.oakland.edu

Cordless Telephone

Channel Base Handset

1 46.610 49.670
2 B 46.630 49.845 Chs A - E handset
3 C 46.670 49.860 frequencies are also
4 46.710 49.770 used for baby room
5 D 46.730 49.875 monitors and low power
6 A 46.770 49.830 handie-talkies
7 E 46.830 49.890
8 46.870 49.930
9 46.930 49.990
10 46.970 49.970

Panasonic KX-T9000 base 902.100-903.870 { 60 channels
handset 926.100-927.870 { .030 MHz apart

VTech Tropez 900DX base 905.600-907.500 { 20 channels
handset 925.500-927.400 { digital

2487. Re: Presidential Security

Newsgroup: rec.radio.scanner
Date: 1994-04-09 15:32:09 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2o6hpp$p4o@umcc.umcc.umich.edu>
Source record: 275642

When Clinton was in Detroit for the G-7 Job Conference, the route was in the Detroit News in full detail. No one at the News was dragged out and shot as far as I can tell. It's a big event, especially when he has to drive from an Air National Guard base to the city using 25 miles of freeway. The motorcade was flanked by a Detroit Police chopper with a SS agent inside who radioed any anomilies found along the route to the command center, which happened to be the Detroit Police Ch-5 in the clear. Also the state police frequencies here broadcast the location of the motorcade in the clear.
I agree the route isn't a secret and this isn't Russia yet. Although we seem to be headed there with the ESPCA.
Les

2488. Re: Help on Pro-46 Cell Mod

Newsgroup: rec.radio.scanner
Date: 1994-04-09 15:54:01 UTC
From: strech1@aol.com
Message-ID: <2o6j2p$m8t@search01.news.aol.com>
Source record: 275643

In article <1994Apr8.214643.16845@wmichgw>, x90westfall1@wmich.edu writes:

>Hello! I need the correct cellular restoration instructions (869-892 Mhz?)
>for a Radio Shack Pro-46 model scanner. The instructions I used to modify
>it locked out the 30-50 Mhz band and moved it to the 68-88 Mhz band which is
>utilized in foreign countries. Any help or advice would be greatly
appreciated.
Sounds like you put in the wrong jumper. Remove the Two jumpers, and replace
only ONE in the pads to the left of the originals, the UPPER pads. Be careful
not
to short out to the circiut trace that runs between the pads.

2489. PRO-46 for sale. UNDER WARANTEE.

Newsgroup: rec.radio.scanner
Date: 1994-04-09 16:19:15 UTC
From: achern@wam.umd.edu
Message-ID: <2o6ki3$rgc@cville-srv.wam.umd.edu>
Source record: 275646

I need to sell my PRO-46 and peripherals to pay a speeding ticket. Here are the details:

Radio Shack PRO-46 scanner purchased 12/19/93 no modifications done, never openend, UNDER WARANTEE UNTIL DECEMBER OF 1994. I have the packaging, manual, rubber duckie antenna, and sales slip (receipt). Everything is in perfect working condition.

Universal DC Automobile Power adapter. Plugs into cigarette lighter, has 6-foot cord with six detachable "ADAPAPLUGS". Voltage selection is 3, 4.5, 6, 7.5, and 9 volts. Tip Polarity selection with all tips. This obviously works with the scanner among lots of other electronic devices you may want in your car.

Car window BNC mount. This allows you to attach any BNC-tipped antenna (such as the rubber duckie) to the outside of your car with this window mount. Very convenient, portable, etc. The window can be closed entirely, there is no sticky substance involved so no residue is left on your window. Can be used as many times as desired. Includes 6 feet of 50-ohm RG58/U cable.

Radio Shack telescoping scanner antenna. This antenna can be attached directly to the scanner, or to the window mount for increased reception. I've had very much success with this antenna.

I want to sell everything together. Asking price is $200, make an offer if you don't like it. It goes to the highest bidder.

Alex Chernyakov

2490. Paramount studios NJ field freqs?

Newsgroup: rec.radio.scanner
Date: 1994-04-09 17:20:17 UTC
From: thompson@sparcwood.princeton.edu
Message-ID: <2o6o4h$2sf@c3po.jvnc.net>
Source record: 275647

Paramount Pictures is currently filming a movie called "I.Q." in the Princeton New Jersey area- does anyone out there know how what kind of frequecies they might be using for production coordination? I doubt they would use itinerant business frequencies, but maybe there are services that rent radios licensed to the rental service perhaps?

I would think it would be interesting to listen while they film for the next few months.

The movie stars Meg Ryan, Tim Robbins, and Walter Matthau

2491. Sacramento CA frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-09 18:29:01 UTC
From: cvfields@aol.com
Message-ID: <2o6s5d$nu7@search01.news.aol.com>
Source record: 275648

Hi all!

I'm new to the internet and also to scanning. Does anyone out there have a frequency list for the Sacramento CA area?

Many thanks in advance...

2492. Mobile restrictions in NY

Newsgroup: rec.radio.scanner
Date: 1994-04-09 18:59:00 UTC
From: dave.milsted@compudata.com
Message-ID: <12a.617.757.0N3E0F09@compudata.com>
Source record: 275649

References: <JSWAN.94Apr6123444@elaine53.Stanford.EDU>
*> then I'll be travelling to NY & NJ.
*> Any restrictions on mobile use in these states. I know there's a book

passed a law last year saying that only if you were using your scanner to
commit a crime, then it was illegal.

Dave InterNet: dave.milsted@compudata.com

* RM 1.3 01622 * Be an organ donor, don't wear your seatbelts!

2493. Re: suggestions for combo ham/scanner xcvr?

Newsgroup: rec.radio.scanner
Date: 1994-04-09 19:24:59 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Apr9.142459.2195@hnrc.tufts.edu>
Source record: 275650

In article <1994Apr5.203150.11589@rsg1.er.usgs.gov>, bodoh@dgg.cr.usgs.gov (Tom Bodoh) writes:

> The problems with the W2A are the limited (read none) sensitivity outside the
> ham and public service bands and no wide FM mode. The 2SRA makes a much better
> scanner than either the 580 (which I've owned) or the W2A...

(1) But, seriously, what is "none"? Completely useless?
(2) Any experience with the Yaesu FT-530 in this regard?

2494. Re: Sacramento CA frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-09 21:25:03 UTC
From: strech1@aol.com
Message-ID: <2o76ff$q1r@search01.news.aol.com>
Source record: 275652

Hey CV,
On AOL, go tothe hamradio section, choose the downloads section, and look for CALLALL.ZIP. Its a huge list of CA frequencies, in DBF format.

2495. IDEAS

Newsgroup: rec.radio.scanner
Date: 1994-04-09 21:33:05 UTC
From: strech1@aol.com
Message-ID: <2o76uh$q4g@search01.news.aol.com>
Source record: 275653

While I think I have most every scanner I need, I'm sure that if the mfr's came up with a new style, I may be tempted to add to the collection. After all, we can always use another scanner.....
What I'd like to have would be a scanner that does'nt look so much like a scanner or cop radio. A 100 channel scanner, that is built just like a 'Walkman' would be a good addition to my collection. People get so wierd sometimes when you have a scanner while walking or biking, or riding a bus. Walkmans are a
common sight, and I'd rather listen to Comm Center any day instead of 'Rokkum Hot 98fm', now put a tape deck along with it...Oh Joy!

2496. PSP frequencies - one more time

Newsgroup: rec.radio.scanner
Date: 1994-04-09 21:45:21 UTC
From: berling@reis60.alleg.edu
Message-ID: <2o77lh$lnl@mustang.alleg.edu>
Source record: 275654

To reiterate the offer, I have the official list of PSP frequencies
available for all who want them. Rick Chiristian posted a good list, but
I'm not sure he got them all. The barracks assignments (who uses which
frequency) will be out Tuesday via emai only originally and then posted
eventually.
Anyone who wishes me to email a copy - just drop a line to the
address in the .sig. Good listening!

here we go...

Mobile Mobile PL Radio
CH Transmit Receive Code Display Description
== ======== ======= ===== ======= ===========
01 154.755 154.755 186.2 PSP Mob. Mobile/mobile
02 154.950 155.580 186.2 CHAN A Troop Channel A
03 155.910 155.670 186.2 CHAN B Troop Channel B
04 155.850 155.505 186.2 CHAN C Troop Channel C
05 158.910 154.665 186.2 CHAN D Troop Channel D
06 154.905 154.695 186.2 CHAN E Troop Channel E
07 154.830 154.920 186.2 CHAN F Troop Channel F
08 155.445 155.445 186.2 CHAN G Troop Channel G
09 155.475 155.475 NONE NEPF National Emergency

10 159.210 154.755 186.2 RPTR1 Vehicular Repeater

11 159.210 154.755 123.0 RPTR2 Base Repeater

12 155.460 155.460 186.2 TAC-1 Tactical Freq. 1

13 151.490 151.490 186.2 TAC-2 Tactical Freq. 2
14 154.950 154.950 186.2 MON A Chan. A Talk Around
15 155.910 155.910 186.2 MON B Chan. B Talk Around
16 155.850 155.850 186.2 MON C Chan. C Talk Around
17 158.910 158.910 186.2 MON D Chan. D Talk Around
18 154.905 154.905 186.2 MON E Chan. E Talk Around
19 154.830 154.830 186.2 MON F Chan. F Talk Around
20 156.015 158.760 151.4 ADMIN 1 With Phone #
21 156.015 158.760 123.0 ADMIN 2 Without Phone #
23 156.195 159.045 179.9 RPT 1 3 5 Turnpike Repeater
24 156.225 159.075 179.9 RPT 2 4 Turnpike Repeater
25 159.000 159.000 NONE PTCSMX Turnpike Simplex
26 158.835 158.835 NONE PEMA Emergency Management

Gordon

--
Gordon Berlin berling@alleg.edu

Hershey Vol. Fire Co. Allegheny College
Hersheypark Safety and Security Meadville, PA
Hershey, PA "Oh my God! Sunshine!
"Chocolatetown, U.S.A."
"Yes, ma'am, that really is the smell of chocolate in the air."

2497. Grand Prix

Newsgroup: rec.radio.scanner
Date: 1994-04-09 21:49:00 UTC
From: brent.reeves@kandy.com
Message-ID: <c4.475.2554.0NBF5134@kandy.com>
Source record: 275655

Subject: Grand Prix

The Long Beach Grand Prix will be run on April 17th. Anyone know what
frequencies the drivers operate on?

 QMPro 1.52 CURSOR: What you become when your system crashes.

2498. HTs with extended RX

Newsgroup: rec.radio.scanner
Date: 1994-04-09 22:14:43 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Apr9.171443.2196@hnrc.tufts.edu>
Source record: 275656
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

If any post needed a warning to proceed at your own risk,
this is is. That said . . .

It seems there are many of us in the market for a dual
band HT with extended RX so that one can be mobile with the
greatest amount of RX capability and the fewest number of
units. My summary of what's been offered is (no hands on
experience with any units) is . . .

The suggested models are
QST (March 1994) reported
typical sellling extended RX
price (from various
mod files)

ICOM W21AT 514 50-999
Standard C558 529 100-199,300-500,800-999
100-173,342-471,823-990 (PLL lock)
Yaesu FT-530 439 110-180,300-500,800-950
Alinco DJ-580T 409 ???

The DJ-580--or Alinco, rather--gets mixed reports. Some
really like their units. Others report of (or of hearing of)
bad experiences wtih the 580. It's the least expensive of the
lot. One ICOM/Alinco dealer told me the 580 has the less
tight front end and would not be as suitable in a high RF
location.

The Standard, already the most expensive to begin with,
requires an extra CTCSS unit. Extended RX is a keyboard
function.

The FT-530 is less expensive and has a slide out lithium
backup battery. Extended RX is a hardware mod.

The W21AT has the widest range of extended RX.

Some questions remain, however. There have been reports
that the wideband reception in these units limits their
abilities as scanner-replacements. (Unfortunately, since
these capabilities are undocumented, they are not even
mentioned in comparative tests such as QST's.) Is this really
the case? Are they much worse than a low end scanner?

I started out leaning toward the Standard (built like the
proverbial battleship) but was put off by /having to get CTCSS as

an addon.

I am now undecided between the Yaesu and the ICOM but am
leaning toward the ICOM because it *may* be able to serve as a
poor man's monophonic walkman (88-108Mhz reception).
Can an owner comment?

There is another question I'd appreciate an informed answer to.
There are a few extended RX channels I'd like to scan on occasion
and would devote a few memory locations to them. Presumably, the units
requiring the hardware mods would be able to remember the frequencies.
Would the ICOM forget them? I assume the extended RX must be reentered
each time the unit is turned on, or is the unit smart enough to
remember them, even though they're extended frequencies?

(All comments and corrections--even flames--gratefully appreciated.)

2499. BC 170 problem

Newsgroup: rec.radio.scanner
Date: 1994-04-09 22:38:26 UTC
From: du826@cleveland.Freenet.Edu
Message-ID: <2o7ap2$fc6@usenet.INS.CWRU.Edu>
Source record: 275657

Some months ago I received a bc 170 scanner, and use it daily
but have not been able to use the "limit-search-hold" keys as it was received
without any documentation.

Sure would appreciate any help with the proper use of these keys.

Thanx in advance
Tom Nagegel
tom nagel
--
" Being stupid is a privilege | du826@cleveland.freenet.edu
but some people have a tendency| 73061.411@compserve.com
to abuse that privilege. " | Thomas A. Nagel (MwMwC)
__________________: Denis Burke |

2500. Re: NOAA 1-900 number

Newsgroup: rec.radio.scanner
Date: 1994-04-09 22:54:39 UTC
From: lance@lancea.actrix.gen.nz
Message-ID: <765932079lance.lance@lancea.actrix.gen.nz>
Source record: 275658
Cross-posted to: sci.geo.meteorology,rec.radio.scanner

In article <2o1afe$97q@Mercury.mcs.com> hank@MCS.COM (Henry Barnow) writes:
>I thought that NOAA was supported by our tax dollars.
>If so, then why do we have to pay 95 cents a minute to
>get weather information that our tax dollars have already
>paid for?

I suggest you don't emmigrate to New Zealand, the land where
"user-pays" is government policy". You might find the shock
too much :-)

User-pays applies very much to weather forecasts and information,
and the forecast 0900 service has become generally accepted.
Safety and broad-coverage forecasts are still freely available,
but most specialist and detailed forecasts must be paid for.

The general public can of course listen to the radio or TV
and get forecasts that will satisfy most needs, but if you
want a forecast _now_ - you can't just make a call to the
local Weather Office and get a free forecast. You either
call an 0900 number, or call the Met Service and pay to
get individual attention. Or you can go to a private
forecast-supplier.

The change to "user-pays" forecasts was quite abrupt, but
it was reasonably quickly accepted simply because of the dramatic
changes happening everywhere. Most large publicly-owned services
were sold, or turned into corporations. The forecasting side
of the Met Service became a State Owned Enterprise - effectively
a commercial company, with the government as the shareholder.

NZ is a world-leader in "user-pays", and the selling-off of
publicly-owned services. Rest assured, governments in other
countries are taking a keen interest in the New Zealand
experiment - and that includes meteorological agencies. You
can expect to see less "free" access to weather in the US.
Never mind that you think you've already paid for it with your
taxes. That argument applies here too! If the taxes really
did pay for all the "free" services, all our budgets would
be nicely in the black :-)

--
_______ Email: lance@lancea.actrix.gen.nz
//// ZL2AJH Wellington, New Zealand

2501. ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-04-09 23:41:07 UTC
From: rafaels@zimmer.CSUFresno.EDU
Message-ID: <Co0n4K.2zx@zimmer.CSUFresno.EDU>
Source record: 275659

Has anybody heard of the ICOM R1. I'm interested in specs, price,
where to buy it, etc. Please post or e-mail direc to me. Thanks for the info.

Rafael

2502. Re: ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-04-10 00:50:02 UTC
From: dgoodman@aol.com
Message-ID: <2o7ifq$sdm@search01.news.aol.com>
Source record: 275660

Many folks with experience with the R1 (including me) have been VERY disappointed in its poor selectivity (-6db @ 15 kHz !!), and low sensitivity below about 50 Mhz. The Icom ads promise far more than the radio delivers.

Danny

2503. Pro2006 + extras for sale...

Newsgroup: rec.radio.scanner
Date: 1994-04-10 02:56:36 UTC
From: tdietz@tcedge.mi.org
Message-ID: <tdietz.02wo@tcedge.mi.org>
Source record: 275661
Cross-posted to: rec.radio.scanner,misc.wanted,misc.forsale

For sale:

1 RS Pro-2006 scanner (cellular restored)
1 RS Discone antenna
1 external RS speaker
RG-58 cable and connectors included. (around 70 feet of cable)

1 month old, payed over $500 for this

This is one great scanner. Awesome reception and loads of features:
400 channels (10-40 channel banks)
10 extra "search" channels
Forward/reverse scanning
lots more...

$400 or best.

Contact Tom voice at 810-774-2153
Internet: tdietz@tcedge.mi.org
FidoNet: 1:120/298

2504. Re: St. Louis scanner enthusiasts

Newsgroup: rec.radio.scanner
Date: 1994-04-10 03:35:07 UTC
From: armadillo1@aol.com
Message-ID: <2o7s5b$u6@search01.news.aol.com>
Source record: 275662

In article <B8xPaYc.wbloss@delphi.com>, wbloss@delphi.com writes:

>Actually I didn't write that...but am glad to see it happening. Mike has a
>real nice 2 page St Louis area police dispatch grid which he has researched
>and I have embellished with some graphics stuff

Wally

I'd be very interested in getting a copy of your enhanced version. I have been working on various maps for some time, and have never come up with anything I'm satisfied with. I have written to Mike regarding the St. Louis group so I'll see what I get back.

73
Ken

2505. Re: ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-04-10 03:54:08 UTC
From: cntrspy@netcom.com
Message-ID: <cntrspyCo0yu8.n28@netcom.com>
Source record: 275663

Rafael Solis (rafaels@zimmer.CSUFresno.EDU) wrote:

A== Piece of junk, bad intermod rejection, poor selecivity, but it
does things in frequencies I need.

As a primary receiver, forget it.

: Has anybody heard of the ICOM R1. I'm interested in specs, price,
: where to buy it, etc. Please post or e-mail direc to me. Thanks for the info.

: Rafael
--

--

//
Chris Hall
Operations Director
Executive Protection Associates, Inc.

"I'm not a lawyer, I just play one on T.V."

Opinions Expressed are those of the author and NOT those of EPAI.

PGP Key available... If you ask nicely...

2506. Beyond Police Call?

Newsgroup: rec.radio.scanner
Date: 1994-04-10 03:55:07 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Apr9.225507.2198@hnrc.tufts.edu>
Source record: 275664

The latest Police Call has a full page announcement near the front for "Beyond Police Call", available this month. Has anyone seen it? Will RS carry it? Price?

Thanks.

2507. Re: HTs with extended RX

Newsgroup: rec.radio.scanner
Date: 1994-04-10 06:36:42 UTC
From: jdwhite@iastate.edu
Message-ID: <2o86pq$303@news.iastate.edu>
Source record: 275665
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

In article <1994Apr9.171443.2196@hnrc.tufts.edu>,
Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
> It seems there are many of us in the market for a dual
> band HT with extended RX so that one can be mobile with the
> greatest amount of RX capability and the fewest number of
> units. My summary of what's been offered is (no hands on
> experience with any units) is . . .
>
> The suggested models are
> QST (March 1994) reported
> typical sellling extended RX
> price (from various
> mod files)
>
> ICOM W21AT 514 50-999

>
> The W21AT has the widest range of extended RX.
>
> Some questions remain, however. There have been reports
> that the wideband reception in these units limits their
> abilities as scanner-replacements. (Unfortunately, since
> these capabilities are undocumented, they are not even
> mentioned in comparative tests such as QST's.) Is this really
> the case? Are they much worse than a low end scanner?

Depends on where your scanning. If your scanning in or near the HAM bands
the unit was designed to receive it'll do nicely. Also, a lot of these units
lack a sufficient number of memories to be used as a true scanner replacement.

> I am now undecided between the Yaesu and the ICOM but am
> leaning toward the ICOM because it *may* be able to serve as a
> poor man's monophonic walkman (88-108Mhz reception).
> Can an owner comment?

I've never seen an HT that will receive an FM signal in wide-band FM mode,
which is what you would need if you plan on listening to anything in this
range. My W2A will receive *strong* signals in this range, but is utterly
useless because it's receiving it as a narrow-band FM signal.

> There is another question I'd appreciate an informed answer to.
> There are a few extended RX channels I'd like to scan on occasion
> and would devote a few memory locations to them. Presumably, the units
> requiring the hardware mods would be able to remember the frequencies.

Hardware mods or software mods, every HT I've ever seen will remember them.

> Would the ICOM forget them? I assume the extended RX must be reentered
> each time the unit is turned on, or is the unit smart enough to
> remember them, even though they're extended frequencies?

From my experience with Icom units, the "extended recieve mods" configures the CPU in a fairly permanant way (you *DON'T* have to perform the sequences every time you turn it on. Most HTs I've seen will remember whatever frequency you enter into the memory.

Quite frankly, if you're a serious scanner enthusiast you'll be sorely disappointed with using an HT as a scanner unless your content with scanning only a few frequencies at a time and aren't going to be scanning too far out of band (20-30 MHz). As always, your RX milage will vary from HT to HT.

-Jason
--
Jason D. White Durham Center Operations Staff
jdwhite@iastate.edu Repeater Chairman, Cyclone Amateur Radio Club
Iowa State University Packet: n0rwu @ ki0q.#cia.ia.usa.na
Ames, Iowa

2508. motion picture freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-10 08:05:00 UTC
From: darrell.asper@bitbytes.clark.net
Message-ID: <e5.3132.143.0NE0A37D@bitbytes.clark.net>
Source record: 275666

```
PCT}I would think it would be interesting to listen while they film for the
PCT}next few months.

I've found some #'s but can't be absoultly positive

MOTION PICTURES
152.870 152.900 152.930 152.960 152.990 153.020 173.225
173.275 173.325 173.375

ITINERANT
151.490 151.625 154.570 154.600 158.400 451.800 457.525
457.550 457.575 457.600 464.500 464.550 467.750 467.775
467.800 467.825 467.850 467.875 467.900 467.925
```

 SLMR 2.1a For sale: Rottwieller. Eats anything. Fond of children.

2509. Re: PRO-2030 Cellular Question

Newsgroup: rec.radio.scanner
Date: 1994-04-10 09:46:34 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <9404102317.AA733@nwugate.fidonet.org>
Source record: 275667

d> If I perform the Cellular Modification for the Radio Shack PRO-2030
d> (Clip Loop L201), Will This restore Cellular Spacing or will the scanner
d> still only scan in 12.5kHz Steps?

d> Also, if it will still only scan in 12.5kHz steps, is the mod worth
d> doing or should I just listion to the "Images" at 896-920 and get the
d> same result?

The mod will default the unit to 30 khz in the appropriate ranges. Yes,
the mod is worth doing. :)

Jerry
* Evaluation copy of Silver Xpress. Day # 0

2510. Re: Scanner Newbie needs advice

Newsgroup: rec.radio.scanner
Date: 1994-04-10 10:14:34 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <9404102317.AA735@nwugate.fidonet.org>
Source record: 275668

Hi, Ken...
K> My questions follow:

K> 1) Is there any chance to modify the Pro-51 to receive cellular?

No. From what I understand, this is the first unit to comply with the Telecommunications law passed last year making it illegal to monitor cellular phone calls. (you can use the image method to receive _some_ calls by searching between 890 and 910.

K> 2) Can anyone more knowledgeable than me recommend a good (moderately
K> priced) base-type scanner that can capture the full 800 mhz range
K> including cellular? What would be a good price to pay? Where is the
K> best place to shop?

If you can afford it, I recommend picking up the PRO-2006 scanner from Radio Shack. It's $400 ($359 from Grove). The mod takes 3 minutes to do from opening to closing the case. The unit is the best and has a great following for units in this price range.

K> 3) I've heard about "Monitoring Times" and have checked four good sized
K> bookstores but can't locate this publication. Is it the best one to get,
K> and if so, how does one subscribe?

MT is pretty much a subscriber based publication. It is an excellent magazine and encourage you to subscribe.

Monitoring Times
P.O. Box 98
Brasstown, NC 28902
One year...$19.95
Two Year...$38.00
Three Year...$56.00
(U.S. rates)

Grove Enterprises sells the '2006 for $359 + S&H. Their number is 1-800-438-8155. In a couple of weeks, this unit may no longer be available as the law kicks in on the '26 of April.

Jerry

Note...I am not a rep of Grove in any way...just a satisfied customer.

* Evaluation copy of Silver Xpress. Day # 0

2511. Re: PRO-46 or other RS vs. another cheap Bearcat?

Newsgroup: rec.radio.scanner
Date: 1994-04-10 10:25:12 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <9404102317.AA734@nwugate.fidonet.org>
Source record: 275669

```
l> I'm trying to decide on another scanner to buy before the good ones %)
l> start drying up. I'd really like to get a PRO-2006, but can't quite
l> justify the $$$... I have a BC855XLT which is OK -- other than the

Larry...I suggest getting the '2006. It does have a better circuitry.
See, the unit has a triple conversion design which helps to eliminate the
problems that you describe with the 855 XLT. The '43 has the same triple
conversion design. Both units are made by GRE. After these two models,
the rest pretty much perform the same way with the same double conversion
design and problems with images and signals showing up where they shouldn't
be. (BTW, the '43 isn't perfect by any means with images. Problems have
been reported in the 161 range as well as the 470 range.)
If you are hesitant about the '2006, I suggest you try one out from RS or
Grove Enterprises. Both have a 30 day return policy. (Grove is $359 as
opposed to $400 from RS)

Jerry

* Evaluation copy of Silver Xpress. Day # 0
```

2512. NEED PLANS TO BUILD YAGI CELL ANT.

Newsgroup: rec.radio.scanner
Date: 1994-04-10 14:05:47 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Apr10.100124.1@cad3.uccb.ns.ca>
Source record: 275594

Looking for plans to build a YAGI directional antenna.
If anyone can help please e-mail me.
ron ling

rling@cad.uccb.ns.ca

2513. WANTED:NOVA SCOTIA FREQ'S

Newsgroup: rec.radio.scanner
Date: 1994-04-10 14:08:46 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Apr10.100416.1@cad3.uccb.ns.ca>
Source record: 275595

Still looking for FREQUENCY DATABASE for NOVA SCOTIA.
Anyone in NOVA SCOTIA please respond.
ron ling

rling@cad.uccb.ns.ca

2514. New Pro 43 failed ye*****

Newsgroup: rec.radio.scanner
Date: 1994-04-10 14:11:00 UTC
From: derek.buchler@channel1.com
Message-ID: <40.1656.2433.0NE18FEF@channel1.com>
Source record: 275670

In a message on 04/10/94, JIM KEARMAN (KR1S said to ALL about New Pro 43 failed ye*****:

References: <1994Apr7.184656.2364@arrl.org>

J(> : > Of all the things a new Pro 43 failed while driving down
J(> the road

J(> On the other hand, there are thousands of undamaged PRO-43s out
J(> there. I think Radio Shack has an excellent track record with their
J(> scanners, reliability wise. Stuff breaks. That's what guarantees are
J(> for. I don't think it's fair to single out Radio Shack. When you
J(> sell as many scanners as they do, you're bound to have a few
J(> problems. At least you can take it back to ANY store for
J(> refund/replacement/repair.

I related this experience that other a little while back but I thought that it is worth repeating.

Last December, my father-in-laws PRO-43 failed after HE blew the speaker out. It was about 5 months old. I had originally bought it from Grove but decided to take it directly to RS for service. The manager at the local store asked me if I wanted to send it out for repair or would I rather just take a new one? Without even blinking an eye, I took the new one.

So....while we've all had our problems with RS, me included, they have always resolved my matters to 100% satisfaction.

Derek
* RM 1.3 00223 * The weather is here, wish you were beautiful.

2515. Pro-2022 for sale

Newsgroup: rec.radio.scanner
Date: 1994-04-10 14:28:26 UTC
From: wisznie@ecf.toronto.edu
Message-ID: <Co1s7E.MH3@ecf.toronto.edu>
Source record: 275596

This is for a friend of mine.

For sale Realistic PRO-2022 scanner with the following features:

Frequency coverage - 30 - 54 MHz
108 - 136 MHz
136.005 - 174 MHz
380 - 512 MHz
806 - 960 MHz

Radio has been recently modified for cellular reception.

2 second scan delay
Selectable priority
Battery backup
Search function
10 monitor channels independent of the 200 scanner channels
Individual channel lockout

Radio is in an excellent condition, hardly ever used. My buddy bought it
about 3 years ago and used it for a total of maybe 2 hours.

Best offer takes it. I'll consider any offers.

--
o---o
| Sebastian Wiszniewski - CompEng - University of Toronto |
| Internet: wisznie@skule.ecf.toronto.edu |
o---o

2516. Re: what is "ringers at TKO"?

Newsgroup: rec.radio.scanner
Date: 1994-04-10 15:46:11 UTC
From: gedwards@ncratl.AtlantaGA.NCR.COM
Message-ID: <Co1vt0.AvM@ncratl.AtlantaGA.NCR.COM>
Source record: 275671

In <Cnz98A.F64@rci.ripco.com> karlm@rci.ripco.com (Karl Meyer) writes:
>Charles Copeland (copeland@metronet.com) wrote:
>: Seems every paramedic call I here the person on "ringers at TKO"
>: whatever that means. Every thing from heart attacks to athsma gets this
>: stuff. What is it?
>
>I believe ringers lactate is basically water with glucose and salt added. I
>assume the tko part is refering to the flow rate. It's basically just a
>carrier for whatever other drugs they might want to administer.

I've always thought they're saying KVO, "keep veins open", which allows them
to quickly administer drugs through the IV quickly...

--
Gordon Edwards Voice: (404) 623-7015 VoicePlus: 751-7015
AT&T Global Information Solutions Fax: (404) 623-7136 Ham Radio: N4VPH

2517. sites

Newsgroup: rec.radio.scanner
Date: 1994-04-10 16:13:12 UTC
From: bushland@jolt.mpx.com.au
Message-ID: <2o98io$ho8@inferno.mpx.com.au>
Source record: 275672

if someone could mail me some ftp sites i would be most pleased as i'm ne
on here and there are not too many here in australia.
thnks..
ed

2518. need freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-10 16:57:42 UTC
From: mcarp@bbs.xnet.com
Message-ID: <mcarp.3j2k@bbs.xnet.com>
Source record: 275673

Does anyone have a good list of Chicago area freqs. I am new to this and any help would be appreciated.

2519. MaryMac, other lowball scanner resellers?

Newsgroup: rec.radio.scanner
Date: 1994-04-10 17:18:38 UTC
From: chiun@pegasus.rutgers.edu
Message-ID: <Apr.10.13.18.38.1994.16863@pegasus.rutgers.edu>
Source record: 275674

EMail replies, 1-800's and relative prices on Pro-43's and 2006, 2026's...?

Quick notes are fine, appreciated.

-Remo

2520. Re: Wanted pocket tone dialer

Newsgroup: rec.radio.scanner
Date: 1994-04-10 18:53:30 UTC
From: hhansen@mason1.gmu.edu
Message-ID: <2o9hva$rci@portal.gmu.edu>
Source record: 275575

Victor Healey (vhealey@crl.com) wrote:

: It was written "BONG-Sorry Vic, I know what he wants, for whatever
: purposes he didn't state. An d if YOU'LL follow alt.2600 you'll find some
: of my posts referring to the fact som e time ago on the introduction from
: Rat Shack with the new dialer as a replacement for the older model. And
: BONG AGAIN-if YOU'LL follow that newsgroup you'll see (as I've stated many
: times already) that the new dialer CAN INDEED be modified. Already
: did/done that! Maybe you need to get caught up on alt.2600's news
: postings?"

Unfortunately, I don't have access to alt.2600. I suppose our
sysops on our school's system don't find it appropriate. Is there a
depository for 2600 info at an ftp site? Also, since this thread bled
into the scanner group, could someone give me an idea of what type of mod
is being done to a pocket dialer (i.e. what's the point?). Thanks, Hawley.

--
_/_/_/ _/_/ _/_/ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
_/ _/ _/ _/ _/ _/
_/_/_/ _/ _/ The future is now...
_/ _/ _/ _/ _/
_/ _/_/ _/_/ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

2521. Re: FINALLY: A Software Touch-Tone Decoder (DTMF) (Mac)

Newsgroup: rec.radio.scanner
Date: 1994-04-10 18:55:34 UTC
From: hhansen@mason1.gmu.edu
Message-ID: <2o9i36$rci@portal.gmu.edu>
Source record: 275576

John Coggi (John_Coggi@qm_smtp.aero.org) wrote:
: For snoopy scanner bugs with a Mac (and built-in microphone), there is
: now shareware available to decode touch-tones in real time. (Hmmm, now why
: would you want to do that?). I happened to come across it whilst
: innocently browsing the ftp site sumex-aim.stanford.edu in the
: /info-mac/snd/util folder (I think that's where it was). It's a demo
: version so 3 tones will not be recognized. You get the un-crippled version

Does anybody know of a site to ftp an ibm version of this type of
program? -Hawley

--
_/_/_/ _/_/ _/_/ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
_/ _/ _/ _/ _/ _/
_/_/_/ _/ _/ The future is now...
_/ _/ _/ _/ _/
_/ _/_/ _/_/ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

2522. Re: what is "ringers at TKO"?

Newsgroup: rec.radio.scanner
Date: 1994-04-10 20:07:49 UTC
From: jacob@mayhem.cwru.edu
Message-ID: <2o9mal$pu2@usenet.INS.CWRU.Edu>
Source record: 275598

In article <Co1vt0.AvM@ncratl.atlantaga.ncr.com>,
Gordon Edwards <gedwards@ncratl.AtlantaGA.NCR.COM> wrote:
>In <Cnz98A.F64@rci.ripco.com> karlm@rci.ripco.com (Karl Meyer) writes:
>>Charles Copeland (copeland@metronet.com) wrote:
>>: Seems every paramedic call I here the person on "ringers at TKO"
>>
>>I believe ringers lactate is basically water with glucose and salt added. I
>
>I've always thought they're saying KVO, "keep veins open", which allows them
>to quickly administer drugs through the IV quickly...

Both KVO and TKO refer to the same (slow) flow rate; KVO is Keep
Vein Open, and TKO to To Keep Open. The intent is indeed to
maintain a route for quick medication or additional fluid access.
As several people posted about a week ago, lactated Ringer's is
sterile water with a specific combination of electrolytes and
lactate. It it _not_ water with glucose and salt added; that
would probably be D5NS -- 5% dextrose in normal saline.

--
Catapultam habeo. Nisi pecuniam | Jacob DeGlopper, EMT-A, N3RHI
omnem mihi dabis, ad caput tuum | Case Western Reserve University
saxum immane mittam. | jacob@mayhem.cwru.edu

2523. Radar Detector Membership Packages

Newsgroup: rec.radio.scanner
Date: 1994-04-10 20:31:29 UTC
From: bz223@cleveland.Freenet.Edu
Message-ID: <2o9nn1$rvj@usenet.INS.CWRU.Edu>
Source record: 275577

For some of you you who like to monitor activities on "Radar Detectors", there is a set of memberships available via "Snail mail". I haven't been able to locate any electronic lists yet, but thought some of you may like to know.

"RADAR" -- Radio Association Defending Airwave Rights, Inc.

4949 South 25-A, Tipp City, Oh. 45371
Voice: 513 667 5472 or Fax: 513 667 3178

Memberships start at $29 a year, monthly -->$299 (With Radar Detector)

--

Dan Frezza
Internet: bz223@Cleveland.Freenet.Edu

2524. Where to find a POGSAC decoder?

Newsgroup: rec.radio.scanner
Date: 1994-04-10 21:06:24 UTC
From: lakki@krksun.krk.fi
Message-ID: <1994Apr10.210624.15479@krk.fi>
Source record: 275578

I would like to monitor the Finnish national pager system, how It could be possible? There is a somekind of a standard for POGSAC system, which is used, but have anyone built a decoder with e.g. serial output for pc etc.

/Erik
--
E R I K F I N S K A S OH2LAK
---------------------------------- R A
InterNet: Lakki@krk.fi RADIO AMATEUR
Lakki@muncca.fi D HAM A
Amateur Packet: OH2LAK@OH2RBJ.FIN.EU I T D
---------------------------------- O E I
H A M R A D I O U O
T H E R E A L T H I N G R

2525. Uniden Mobil/Base Scanner 4 Sale

Newsgroup: rec.radio.scanner
Date: 1994-04-10 22:34:04 UTC
From: sdougla@bgsu.edu
Message-ID: <sdougla.766017244@bgsuvax>
Source record: 275579
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

For Sale:

Uniden MR8100a Mobile/Base Scanner

100 Channels in 10 Banks
Selectable scan speed
Programmable Priority
Computer Programmable, with included software
Alphanumeric Display
Comes with mounting bracket/hardware, all manuals, original box
Contrast and Dimmer knobs
Backlit Controls
Included PowerSupply (1 Amp)
Internal memory backup

Asking price is $220 + shipping.

==========
Sean G. Douglas (Lerxst) # Amateur Call: KB8IXP (Tech Plus)
Physics and Mathematics # Email: sdougla@andy.bgsu.edu
Bowling Green State University # Telephone: (419) 372 6142
Mail: Offenhauer East 1003
Lee, Lifeson and Peart rule! # Bowling Green, OH 43403
==========

2526. Cordless (not cellular) modem

Newsgroup: rec.radio.scanner
Date: 1994-04-11 00:44:52 UTC
From: glassman@sunSITE.unc.edu
Message-ID: <2oa6i4$rgd@bigblue.oit.unc.edu>
Source record: 275580

Hello! Since I could not find a more appropriate group, and since you folks discuss these topics, I'd like to ask for advice...
I would like to convert a cordless phone so that I can plug my modem (PCMCIA in a Gateway Handbook) into it. I sometimes need to file stories and edited articles from a few yard away from my house, but cannot run ordinary phone line to where I am. I could do cellular, but the air time is so expensive. Any ideas? Are there more appropriate newsgroups? I eagerly await your replies, and thank you in advance.

--
Bernard Glassman _ _ Vox 919-968-1676
Managing Editor, On the Horizon OLO-) Fax 919-968-1610
Bernard_Glassman@unc.edu \-/ BernardG3@AOL.com

2527. PSP frequencies - one more time

Newsgroup: rec.radio.scanner
Date: 1994-04-11 02:28:01 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <287_9404110700@rccons.lm.com>
Source record: 275581

TO: berling@reis60.alleg.edu!

09 Apr 94 16:45, berling@reis60.alleg.edu wrote to All:

bae> To reiterate the offer, I have the official list of PSP frequencies
bae> available for all who want them. Rick Chiristian posted a good list, but
bae> I'm not sure he got them all. The barracks assignments (who uses which
bae> frequency) will be out Tuesday via emai only originally and then posted
bae> eventually.

The list I posted includes ALL PSP Patrol. It DOES NOT include any for PSP Turnpike, the radio system is run by the PTC, DA Office/Drug Task force as these systems are also operated by different agencies.

Any blanks in the list posted are TROOP OPTIONS. Many troops program local VHF agencies into the radios. An example is PSP Troop B has Peters PD in their radios and regularly switches over to communicate with the departments on our system.

As for which troop uses which. I have been working on this, but the list is very incomplete and only covers western PA. Most of the pubilished lists are VERY IMCOMPLETE & INACCURATE especially the ones in the national magazines.

The 158.760/156.015 pair is also ch 32 in some radios, especially in the western part of the state. The attempted phone patches are always a waste of time, and they definately need to improve the system, at least on this side of the state.

The 2 PTC repeaters ONLY use a tone on the TX side. The tone is NOT present on the output of the repeaters. The tone was added to combat an interference problem on the eastern part of the state from fisherman using portables programmed with wrong frequencies.

Rick Christian, AAJP/BSEE
AOSC PA Editor/PCO Peters Twp. P.D.
Internet:rccons!aosc_pa@telerama.pgh.pa.us
Conferences: Race/RF/Use/Fido/AOSCNet SCAN

2528. Re: Pro2006 + extras for sale...

Newsgroup: rec.radio.scanner
Date: 1994-04-11 02:45:43 UTC
From: chris@pipeline.com
Message-ID: <2oadkn$7bm@pipeline.com>
Source record: 275582

At one point I was considering picking up a 2006. Why are you
selling?

tdietz@tcedge.mi.org (Tom Dietz) wrote:

>
>For sale:
>
>1 RS Pro-2006 scanner (cellular restored) 1 RS Discone
>antenna
>1 external RS speaker
>RG-58 cable and connectors included. (around 70 feet of
>cable)
>
>1 month old, payed over $500 for this
>
>This is one great scanner. Awesome reception and loads
>of features: 400 channels (10-40 channel banks)
>10 extra "search" channels
>Forward/reverse scanning
>lots more...
>
>$400 or best.
>
>Contact Tom voice at 810-774-2153
>Internet: tdietz@tcedge.mi.org
> FidoNet: 1:120/298

2529. >Best Handheld Scanner<

Newsgroup: rec.radio.scanner
Date: 1994-04-11 05:09:07 UTC
From: rafaels@zimmer.CSUFresno.EDU
Message-ID: <Co2wz7.6Fr@zimmer.CSUFresno.EDU>
Source record: 275583

I am in the market for *the best* hanheld scanner (under $400). Any suggestions? Thanks in advance.

Rafael

2530. Re: 923 MHZ What is it?

Newsgroup: rec.radio.scanner
Date: 1994-04-11 05:59:42 UTC
From: jthurs@ukelele.gcr.com
Message-ID: <2oap0e$sse@ukelele.gcr.com>
Source record: 275584

ctuttle@newmen.mmm.com (CT) writes:

>We have a piece of equipment that seems to be having some RFI problems
>with something around 923 MHZ. Anyone have any ideas what this could
>be? I used a spectrum analyzer to look at the signal. It is intermittant
>and seems to be modulated at least 500 Khz. Anyone have any ideas
>what type of device could be generating this?
Craig,
The only two things I can think of right off the top of my head are
1) Newer cordless phones
2) Alphanumeric pagers. Some of them are in the 900 MHz spectrum. I have also
heard of RFI problems from the VHF (152 MHz) models.
Hope this helps!
--Jason

==
| Jason Thurston | thurs_j@cs.odu.edu |
| Firefighter III/EMT-A | jthurs@gcr.com |
| Dumfries-Triangle Rescue Squad, Stations 3-Rescue & 17 |
| Prince William County, Virginia, USA |
==

2531. Re: >Best Handheld Scanner<

Newsgroup: rec.radio.scanner
Date: 1994-04-11 06:05:38 UTC
From: danm@hebron.connected.com
Message-ID: <2oapbi$7uk@hebron.connected.com>
Source record: 275585

In article <Co2wz7.6Fr@zimmer.csufresno.edu>,
Rafael Solis <rafaels@zimmer.CSUFresno.EDU> wrote:
>I am in the market for *the best* hanheld scanner (under $400). Any
>suggestions? Thanks in advance.

At that price, assuming you are buying new it would have to be
the Radio Shack PRO-43. Hands down, no question, take it to the bank.

--
==========
+ Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ...+
+ Auburn, WA | and whoever is playing against the New York Mets! +
+ GEnie:D.MORISSEAU | INTERNET ADDR: danm@hebron.connected.com +

2532. Re: PRO-46 or other RS vs. another cheap Bearcat?

Newsgroup: rec.radio.scanner
Date: 1994-04-11 09:27:22 UTC
From: karlm@rci.ripco.com
Message-ID: <Co38xn.1F0@rci.ripco.com>
Source record: 275586

Larry Spence (larry@cs.com) wrote:
: I'm trying to decide on another scanner to buy before the good ones %)
: start drying up. I'd really like to get a PRO-2006, but can't quite
: justify the $$$... I have a BC855XLT which is OK -- other than the
: well-known problem of it generating images of the local UHF TV stations,
: etc., smack in the middle of the "interesting" bands (you know, the
: ones we don't listen to %). So... I see a lot of references to how the
: RS scanners have much better selectivity and image rejection than the
: Uniden scanners. Is this only true for the top-of-the-line RS models
: (2006, 43), or in general? To be more specific, is the PRO-46 a better
: performer than, say, a BC200XLT or a BC855XLT? Do I have to get a 43 or
: a 2006 to get much better reception than my lowly 855? And are all the
: RS scanners made by GRE, or are some merely repackaged Unidens?

: The 46 looks to be around $190 by mail order, whereas the 200XLT runs
: about $210 (the 855 cost $160). I'd pay the $20 extra just for 200
: channels vs. 100 channels, but if the RF section of the 200XLT is no
: better than the 855, well... %(Are there any other candidates I should
: consider in the $200-250 price range?

I believe the Pro-46 is a Uniden design. I'd really recomend you stick with either the Pro-43 or Pro 2004/5/6 (A used one should be within your budget). Uniden scanners seem to have a lot of bells and whistels but aren't very good receivers. Not all RS scanners are GRE made so watch out (I think the Pro-37 and 39 are though). The 43 and 2004/5/6 are triple conversion which means very little chance of intermod being a problem.

2533. Re: >Best Handheld Scanner<

Newsgroup: rec.radio.scanner
Date: 1994-04-11 09:28:53 UTC
From: karlm@rci.ripco.com
Message-ID: <Co3905.1Fr@rci.ripco.com>
Source record: 275587

I second that recomendation.

2534. Re: AGAIN II:Seek Cordless Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-11 10:32:56 UTC
From: ah757@FreeNet.Carleton.CA
Message-ID: <Co3Byx.5nz@freenet.carleton.ca>
Source record: 275588

In a previous article, dench@village.com (Allan Denchfield) says:

>Am having trouble with interference gobbling postings.
>Missed a recent posting of cordless frequencies. Could somebody do the
>honors one more time ? I believe they were in the 46 to 49 range.
>
>aTdHvAaNnKcSe
>
>Allan dench@village.com
>
>
>
The frequencies are 46.61, 46.63, 46.67, 46.71, 46.73,
46.77, 46.83, 46.87, 46.93, and 46.97.
These are the base station frequencies. You will hear both
sides of the conversation.

--
Jon Coles
Nepean, Ontario

2535. Re: HTs with extended RX

Newsgroup: rec.radio.scanner
Date: 1994-04-11 10:53:24 UTC
From: vbreault@rinhp750.gmr.com
Message-ID: <VBREAULT.94Apr11105324@rinhp750.gmr.com>
Source record: 275602
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

In article <1994Apr9.171443.2196@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:

It seems there are many of us in the market for a dual
band HT with extended RX so that one can be mobile with the
greatest amount of RX capability and the fewest number of
units. My summary of what's been offered is (no hands on
experience with any units) is . . .
<stuff deleted>

Don't do it Jerry.

I haven't seen a whole lot of HT's used in scanner service, but those
that I have seen have been sorely lacking. The extended receive ability
is just that... an extended receive. It is not a true "scanner" mode.
It is slow, it lacks banking and priority channer organization and it
makes the radio sensitive to overload and intermod, diminishing its value
as a communications tool.

Here's my two cents worth. Get a good scanner and a mobile transciever.
The scanner will get you the entertainment you desire and the transciever
will work the repeaters and simplex stations. If necessary, substitute
an HT for the mobile transciever. It will not do much for simplex but
will work those repeaters that are within a close distance.

If you choose the scanner/HT solution, consider the Radio Shack HTX-202.
It's a ham-band only radio with a very good front end and great audio
(for an HT). It's on sale until the end of the month for less than $190.
It's a great radio but don't take my word for it. Ask someone who owns one.

I abused my swell new icom w2a by using it as a mobile radio for a year.
I couldn't afford an HT and a mobile radio at the time. I now have both.
I can't imagine being without the mobile radio but life is possible
without the HT.

--
Val Breault - N8OEF - vbreault@gmr.com \ /|
Instrumentation dept GM NAO R&D Center \ / |
My opinions are not necessarily those of \ /__|
GMR nor of the General Motors Corporation \/ |___

2536. Re: Icon R9000

Newsgroup: rec.radio.scanner
Date: 1994-04-11 11:05:06 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.121.000B161C@ccm.hf.intel.com>
Source record: 275603

>James Gerik (gerik@iat.holonet.net) wrote:
>: Will someone please post a review of the Icon R9000 and how it compares
>: with other radios.

Here are some articles I saved from postings long ago on the Icom R9000

Article 8640 of rec.radio.shortwave:
Path: JUTS!amdahl!oliveb!olivea!uunet!sun-barr!newstop!sun!amdcad!netcomsv!crisp
From: crisp@netcom.COM (Richard Crisp)
Newsgroups: rec.radio.shortwave
Subject: R9000 experiences/info wanted
Message-ID: <1991Oct30.165449.3910crisp@netcom.COM>
Date: 30 Oct 91 16:54:49 GMT
Organization: Netcom - Online Communication Services (408 241-9760 guest)
Lines: 22

A freind is considering the purchase of an Icom R9000. I am suggesting
that he would be better off to get an NRD535 and one of the new R7100
vhf/uhf receivers from Icom when they come out plus two PC's and a good
spectrum analyzer instead. I believe that all of the above can be purchased
for less than the cost of the R9000 provided the spectrum analyzer is
purchased used.

I have been told that the HF performance of the R9000 is only marginally
better than the R71A from Icom and that the panadaptor is somewhat brain
dead and that the power supply in the r9000 runs hot. I also seem to remember
a thread about the r9000 a year or so ago in this newsgroup where some
of these things were discussed.

Can any r9000 owners shed some light on this discussion? How about the
capability of the computer interface? What about the receiver performance
and the the performance of the panadaptor? Any help would be appreciated.

--
Richard Crisp crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
Cupertino, Ca KD6BUT
"The difference between success and failure is often the quality of management"

Article 8666 of rec.radio.shortwave:
Path: JUTS!amdahl!oliveb!olivea!uunet!nowhere!caf
From: caf@omen.COM (Chuck Forsberg WA7KGX)
Newsgroups: rec.radio.shortwave
Subject: Re: R9000 experiences/info wanted
Message-ID: <1991Oct31.062324.23202@omen.COM>

Date: 31 Oct 91 06:23:24 GMT
References: <1991Oct30.165449.3910crisp@netcom.COM>
Organization: Omen Technology INC
Lines: 36

Yes the R-9000 power supply heatsink is a bit warm to the touch.
That might be a problem for germanium transistors, but I don't
think the R-9000 has any.

The spectrum scope has ranges of +- 25, 50 and 100 kHz, plus
store. This is fine for DC bands, but VHF and UHF need much
more dispersion.

Audio quality is good for a communications receiver. Best sound
on SW since my SX-62a. Line out audio is weak and hum is a
problem. The 9000 really needs a Sony 2010 style SYNC detector
for the best SWBC listening.

I have not noticed any overload or intermod problems. The QTH
is not intermod alley by a long shot, but there is enough RF
about to mess up every active antenna I've tried.

I have not had the time to get serious about the computer
interface. The computer can read the radio's S meter but not
the 900 memory locations.

The radio has two tuning knobs. One tunes the VFO, the other selects
memory locations. Very convenient for checking 30 BBC frequencies to
find the best reception, or the 6 stations that may carry Larry King
or Rush Lumbaugh.

FM has 30 KHz bandwith, which should be 50, and only works above
30 MHz. The digital AFC is nice.

The TV demod is superfulous. More filters and analyzer dispersion
would have been more appropriate.
--
Chuck Forsberg WA7KGX ...!tektronix!reed!omen!caf
Author of YMODEM, ZMODEM, Professional-YAM, ZCOMM, and DSZ
Omen Technology Inc "The High Reliability Software"
17505-V NW Sauvie IS RD Portland OR 97231 503-621-3406

Article 8676 of rec.radio.shortwave:
Path: JUTS!amdahl!oliveb!olivea!spool.mu.edu!uunet!usc!isi.edu!babette.isi.edu!cole
From: cole@babette.isi.edu (ERC)
Newsgroups: rec.radio.shortwave
Subject: Re: R9000 experiences/info wanted
Message-ID: <19822@venera.isi.edu>
Date: 1 Nov 91 07:37:44 GMT
Sender: news@isi.edu
Reply-To: cole@babette.isi.edu (ERC)
Distribution: na
Organization: ISI, University of So. Calif

Lines: 48
Posted: Fri Nov 1 01:37:44 1991

I've owned an R9000 for about 18 months, and thought I'd add my comments to Chuck Forsberg's.

I think Chuck was a little mild in his praise. Bells and whistles aside, the R9000 is simply the best HF receiver I've ever heard. I don't any experience with NRD so can't make any comparison. It beats the heck out of the receiver in my IC-751 transceiver, which is about the same vintage and technology as an R71, and I thought the IC-751's receiver was pretty good.

I first played with the R9000 at a friend's house, with a decent antenna. The lack of internal noise and the audio quality just blew me away. Sideband signals on the ham bands suddenly became pleasant to listen to.

I agree with Chuck that the spectrum display is too narrow for VHF/UHF. The TV be somebody's cup of tea. A 50 KHz FM bandwidth would have been nice, but polar WEFAX pictures look fine anyway.

I did my usual poking around with the computer interface and found a bunch of undocumented commands, as is usual on any ICOM CI-V radio. The command set is the most extensive of any ICOM radio, but still has funny quirks. Chuck is wrong on one issue -- you certainly CAN read any of the 1000 memories. The only thing you can't read out of a memory is the tuning step. You can set AF and RF gains (don't play with the AF gain command with headphones on :-)), and read the S-meter.

The heatsink gets warm, but not really hot. The inside of the radio doesn't get very warm at all.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2537. Re: A blind man with a radio.

Newsgroup: rec.radio.scanner
Date: 1994-04-11 11:14:29 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.122.000B3E24@ccm.hf.intel.com>
Source record: 275604

In article <2o69do$pt4@progress.progress.com> damelio@bedford.progress.com (Stephen D'Amelio) writes:

>Alex Chernyakov (achern@wam.umd.edu) wrote:

>: After getting a hair cut, I was walking to my car when I saw a blind man
>: walking along the sidewalk talking into a radio. It was turned up so

>[snip]

>He was:

>A. An undercover cop
>B. A Ham
>C. A crazy person talking into his transistor radio.

>Depending upon what city you are located, I'd go with C.

Aren't B and C the same thing? :-)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2538. Re: Icon R9000

Newsgroup: rec.radio.scanner
Date: 1994-04-11 11:23:52 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Apr11.112352.24628@rsd.dl.nec.com>
Source record: 275589

In article <CnxA8r.76C@iat.holonet.net> gerik@iat.holonet.net (James Gerik) writes:
>Will someone please post a review of the Icon R9000 and how it compares
^^^^
>with other radios.

I guess that sine the R9000 has so many desireable features and costs so
much it could be considered an _Icon_ of the hobby :-)

Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

If you can't see the sky from where you work it's time to change jobs.

2539. Monitoring Beepers

Newsgroup: rec.radio.scanner
Date: 1994-04-11 11:57:10 UTC
From: wy1z@splinter.coe.neu.edu
Message-ID: <WY1Z.94Apr11075710@splinter.coe.neu.edu>
Source record: 275590
Cross-posted to: rec.radio.scanner,alt.radio.scanner

As most people are bothered with pager interference in their radios,
I would like to monitor pager broadcasts.

What equipment is required (besides a computer and a scanner)?

What are the specs of broadcasts (baud rate, data type, etc)?

Thanks much!

Scott

--
==
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na
Maintainer of the Boston Amateur Radio Club hamradio FTP area on
the World - ftp.std.com pub/hamradio
==

2540. Re: HTs with extended RX

Newsgroup: rec.radio.scanner
Date: 1994-04-11 12:01:46 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.123.000C07EA@ccm.hf.intel.com>
Source record: 275605
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

In article <2o86pq$303@news.iastate.edu> jdwhite@iastate.edu (Jason White) writes:

> I've never seen an HT that will receive an FM signal in wide-band FM mode,
>which is what you would need if you plan on listening to anything in this
>range. My W2A will receive *strong* signals in this range, but is utterly
>useless because it's receiving it as a narrow-band FM signal.

The Icom 2SRA does a fine job at WFM. It has AM, FM, WFM on the receiver side
but only FM on the 2m side.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2541. ** LOTTO **

Newsgroup: rec.radio.scanner
Date: 1994-04-11 12:17:04 UTC
From: Fritz@ritz.onw.com
Message-ID: <12720QUFSBBWLFOPKKG@ritz.onw.com>
Source record: 275591

The winning LOTTO numbers for sat 4-9-94 are :

1 - 20 -21 - 33 - 38 - 46

WELL they wernt mine but the trip to Eklo Nevade was great!!

FriTz at The Ritz :):):) $$$$$$

-= Online Northwest / RITZ BBS =-
-Making the Connection-
Seattle, WA 206.248.3020
========================= !!! Automated Notice !!! ======================
E-mail replies to this user should have the following on the first line
of message text: TO: Fritz
==

2542. Re: *** UNIDEN BEARCAT 350A MODS??? ***

Newsgroup: rec.radio.scanner
Date: 1994-04-11 12:17:38 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.124.000C4BA4@ccm.hf.intel.com>
Source record: 275606

In article <Cny2vx.MLG@news.cv.nrao.edu> dgordon@sadira.gb.nrao.edu (David Gordon) writes:

>Are there any mods for the Uniden Bearcat 350A???
>This is the second time I have asked. Respond to
>the below address. Thanks

>David
>dgordon@nrao.edu

I do not know of any. That may be why you didn't get a response the first time. Mods are always possible.. If you want to turn it into a Frizbee, put it on the RR tracks. What mods are you interested in?

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2543. 43-memory Expansion Wo 01

Newsgroup: rec.radio.scanner
Date: 1994-04-11 12:26:00 UTC
From: Gary.Mumma@f239.n109.z1.fidonet.org
Message-ID: <2a9_9404111249@blkcat.fidonet.org>
Source record: 275592

BB> Well I got my EEPROMS from digi-key this morning. Good thing I
BB> paid that extra dollar the the data sheet! 93C66 eeproms ARE NOT
BB> pin compatable with the 97c66 used in the radio. (Good thing
BB> these were only $2.00 each!) So this little experiment is dead in
BB> its tracks for a while. I guess the next thing to do is to see if
BB> Tandy can source me the eeproms. But I REALLY need a data sheet
BB> on them. I don't know if the CS line is active High or active low,
BB> and I need to know that for the design.

BB> Oh and there was a post about the read/write life of the EEPROMs
BB> for what its worth the 93c66 data says 1,000,000 typical writes,
BB> with a 40 year retention.

BB> Still looking for ideas..... BB

BB> (opps that should have been 93c67 not 97c66!)

I forwarded the above message to Bill Cheek who is the Guru of
scanner mods. Below is the body of a message he has left to all
users of his BBS. Hope this helps.

Origin: HERTZIAN - 0008 - RADIO_TEK
To: ALL
From: BILL CHEEK Public
Date: 04/09/94 at 11:38
Re: PRO-43 Memory Mod Update

ATTENTION PRO-43 MEMORY HACKERS!

The following explanation from Tom Lambert, in connection with our recent
series of articles in the WORLD SCANNER REPORT will guide you to a
successful memory expansion of the PRO-43 from 200-ch to 400-ch.

You should have in your possession, the following issues of the WORLD
SCANNER REPORT: V3N10 V4N1 V4N2

==========
From : Tom Lambert 1:202/731 Fri 08 Apr 94 21:50
Subj : Mem. mod Pro-43
****

..Hello Bill, I received the disks you sent me. Thank you very much for the
information. I have a few more tidbits on the EEproms used in the Pro-43.
The EEprom (AK93C67F) is manufactured by Asahi Kasei, apparently in Japan.
As of right now there are no reps or distributors other than Tandy. At
least none that I have been able to find. I have leads on an up coming

EEprom due out by Microchip Technologies (same mfgr as the Digi-key parts) that is suppose to be a direct pin for pin replacement for the AK part used in the 43, and again the cost is around $2 to $3. The only problem is they will not be available until the third quarter of this year. I am slated to get acouple of samples and data sheet from our local Microchip rep as soon as the chips are available. The chip should be available to the public through Digi-key and other distributors for Microchip Tech..

I also received the copy of the BBS posting from Gary Mumma. I would like to respond with the following; . PLEASE EVERYONE DO NOT PANIC.. THE MEM MOD TO THE PRO-43 IS ALIVE AND CAN BE DONE !! Even with the Digi-key part specified in previous issues of the.WSR!!!

If you use the original part AK93C67F, Tandy part # MX-8050, price (at least on 11/11/93 when I purchased them) is $22.32 each. These are pin for pin replacements. I used them for my first mem mod. The Digi-key part I used is part #93C66/SN-ND. The price was $2.11 each when I purchased them. These are not pin for pin compatible, as I warned before by saying to make sure you get the data sheet before you install the parts or before you order the parts. BUT THEY CAN BE USED as will be explained below. I used them in one of my mem mods with one very little problem, and that was making sure I correctly wired the pins, due to having to cross pin wire the ICs. If you do not mind the cost and do not want to worry about crosspin wiring then by all means use the Tandy part. They are the original part used in the scanner. The cost for two pieces required for the mod will be around $44.64 plus postage and handling. Your other choice is to wait for us to find a less expensive part. As Bill said, "the search continues".

What ever your choice, please read the following. I do have to apologize for my assumption that everyone knows what I may know and do automatically. Not every one knows who to contact to get the information to judge if a part is useable or not and may need more information. Therefore, Bill, you being an engineer, already know about part compatibility, but for those who do not know or may not be clear on the subject, please let me explain pin for pin compatibility versus a usable part that is not. If one is going to replace a part on a PC board then one has to make sure the replacement part is indeed a direct pin for pin replacement. Or pin for pin compatibility. That is to say if pin #1 ofthe original IC is designated CS (chip select)
**
Continued in the next message...
--
|Fidonet: Gary Mumma 1:109/239
|Internet: Gary.Mumma@f239.n109.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

2544. 43-memory Expansion Wo 02

Newsgroup: rec.radio.scanner
Date: 1994-04-11 12:26:00 UTC
From: Gary.Mumma@f239.n109.z1.fidonet.org
Message-ID: <2aa_9404111249@blkcat.fidonet.org>
Source record: 275593

Continued from the previous message...
**
then pin #1 of the replacement IC also has to have the same designation, CS. If pin #2 is designated clock then pin #2 on the replacement has to be designated as Clock etc.

However a pin may have what seems to be different designations but in reality they may be the same. One such example is the clock pin. One mfgr may call it simply "clock". Another mfgr may call it "serial clock" (SK). And still another may call it "data clock" (DC). Different mfgrs names but they are all the same. This is where a data sheet is very important when we try to sub a part for the original one. If a person is doing what we are, that is putting the new part on a PC board in a different location and connecting the new part to the original part by way of individual wires one pin to another then the parts do not have to be pin for pin compatible. That is to say, pin #1 of one part does not necessarily have to go to pin #1 of the other part. In our case, using the Digi-key part (93C66) as the newly added IC, pin #1, (CS) (the chip select) of the (93C66) IC would go to pin#3, (CS) of the original IC on the board. The pins even though not the same number are still the CS (chip select pins). Therefore, just because the new part is not pin for pin, it does not mean the part is not useable.

The main concern is that the new part can be connected to and has the same pin designations as the original part, even though they may not be the same number. In our case, the original IC has a NC (no internal connection) pin, a VCC (B+) pin, a CS (chip select) pin, a SK (serial clock pin, a DI (data in) pin, a DO (data out) pin, a GND (ground) pin and a PE (program enable) pin. The PE pin is held high by tying it to the +5v, keeping it on at all times. By connecting it this way, it is as if the pin is not used as the CPU does not use it. Pin 1 has no internal connection, therefore it is not used. So if we are not using a pin for pin replacement then we do not have to be concerned with them. This means the only pins we need on the replacement IC is a Vcc, CS, SK, DI, DO and a GND pin. Or a pin which is the same as the one needed even though may have a slightly different name.

The Digi-key (Microchip Tech.) part 93C66/SN-ND gives us an added but not incurable problem. It has two new pin designations. Pin #6 ORG (organization pin) and pin #7 TST (test pin). A quick call to a Microchip Rep in my area, revealed that the ORG sets the EEprom to either an 8 or 16 bit structure. The original IC in the scanner uses a 16 bit structure. The tech or data sheet stated that if the ORG pin is left floating (not connected to anything) the chip is automatically configured to the 16 bit structure. So we do not connect it to anything. The TST pin is to test the IC. It requires a + signal to activate the internal test sequence. Our

scanner does not do any testing of the IC so we tie the ORG pin to ground, either by jumpering it to pin 5 (VCC or ground), which will be connected to pin 7 of the original IC in the scanner, or connecting it to a ground point in the scanner. That is all to the two other pins not on the original IC. The following is the cross pin wiring or connections to be made if using the Digi-key part mentioned above.

```
Digi-key (93C66) To Orig. mem. IC in Pro-43
================ ==== ======================
Pin #1 (CS) -- pin #3 (CS)
Pin #2 (clock) -- Pin #4 (SK)
Pin #3 (DI) -- Pin #5 (DI)
Pin #4 (DO) -- Pin #6 (DO)
Pin #5 (VSS) -- Pin #7 (GND)
Pin #6 (ORG) -- Pin #7 (GND)
Pin #7 (TST) -- (No Connection)
Pin #8 (VCC) -- Pin #2 (VCC)
```

Again if you are not technically inclined, do not have data information available, do not want to worry about cross pin wiring, the possibilities of wiring errors easily done when cross pin wiring or the possible confusion of the difference between pin designations used by different manufacturers, then by all means, use the original (but costly) parts available from Tandy, or wait for Bill, I or someone else to find a less expensive part later. I hope your scanning hours are full of intrigue and fun. Happy scanning. Tom.

```
*** GoldED/P32 2.42.G1219+
* Origin: Hertzian Intercept, San Diego, 619-578-9247 (6pm-1pm) (500:10/12)
```

<*>

Gary Mumma

Internet Address - gary.mumma@f239.n109.z1.fidonet.org

```
* RM 1.3 01462 * I think this country needs more unemployed POLITICIANS!
--
|Fidonet: Gary Mumma 1:109/239
|Internet: Gary.Mumma@f239.n109.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.
```

2545. Re: Antenna Design

Newsgroup: rec.radio.scanner
Date: 1994-04-11 12:28:10 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.125.000C7894@ccm.hf.intel.com>
Source record: 275607

In article <2obpk1$2ck@lastactionhero.rs.itd.umich.edu> lse@cw-u01.umd.umich.edu (John Minni) writes:

>I was wondering if anyone had any advice on how to design a innexpensive
>antenna? I was told that if i used a bnc to 75 ohm and stuck in a solid
>copper wire then flung it over the house??? does this sound right?

>thanks

Well, for BBC it would probably work OK, but if you are trying to receive INMARSAT, it would't work too well.

Most all antennas are inexpensive to build. It's usually the math that is the biggest barrier. Antennas are one of the last radio accessories that can still be home-built as good as the "factory" ones.

There are lots of designs out there. It usually depends on the frequency you want to monitor, and whether you want omni or directional coverage.

For general scanner use a Discone is a good antenna, but a little harder to build. A 1/4 wave ground plane antenna can be built from some copper wire and a PL259 connector.

Practically speaking, many local scanner signals are so strong that ANY antenna will do ok. If you want the weak signals, then you need to get an antenna with some gain, like a yagi, colinear, or log-periodic. Check out a ARRL Amateur Radio Handbook for antenna building ideas.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2546. BBC African service programme

Newsgroup: rec.radio.scanner
Date: 1994-04-11 13:16:30 UTC
From: zcqo1121@rpool2.rus.uni-stuttgart.de
Message-ID: <2obije$16r3@info2.rus.uni-stuttgart.de>
Source record: 275597

DOES ANY ONE KNOW IF THE BBC AFRICAN SERVICE CAN BE GOT THROUGH ftp?

IF YOU DO PLEASE LET ME KNOW.

REGARDS

FRANCIS

2547. Sci Atlanta Cable Box Manual

Newsgroup: rec.radio.scanner
Date: 1994-04-11 14:27:32 UTC
From: hl1@hudson2.acpub.duke.edu
Message-ID: <2obmok$a2s@news.duke.edu>
Source record: 275599

Anyone have a Scientific Atlanta Cable Conversion Box Service Manual that I could pay to have photocopied?

2548. Antenna Design

Newsgroup: rec.radio.scanner
Date: 1994-04-11 15:16:17 UTC
From: lse@cw-u01.umd.umich.edu
Message-ID: <2obpk1$2ck@lastactionhero.rs.itd.umich.edu>
Source record: 275600

I was wondering if anyone had any advice on how to design a innexpensive antenna? I was told that if i used a bnc to 75 ohm and stuck in a solid copper wire then flung it over the house??? does this sound right?

thanks

2549. Re: PRO-46 or other RS vs. another cheap Bearcat?

Newsgroup: rec.radio.scanner
Date: 1994-04-11 17:10:18 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Apr11.171018.7245@alw.nih.gov>
Source record: 275601

Karl Meyer (karlm@rci.ripco.com) wrote:
[stuff edited]
: and 39 are though). The 43 and 2004/5/6 are triple conversion which means very
: little chance of intermod being a problem.

I wouldn't go *that* far. I use my '43 in the car and have plenty of problems. They only happen at specific places (probably near transmitters) and can be avoided. My BC70XLT, however, was totally unusable around Washington, D.C. I love the 43 and think that it's a great radio, but it isn't perfect. You could probably fix the 43's minor problems but would you want to spend $600 on it?

Good listening, everyone.

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2550. Re: ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-04-11 18:06:55 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.127.00121E0B@ccm.hf.intel.com>
Source record: 275526

In article <1994Apr11.150515@newt.ee.byu.edu> richard@newt.ee.byu.edu (Richard Christensen) writes:

>Can you recommend a scanner that is better than the R1 and still has
>the full coverage from 100kHz to 1. GHz.

>Richard

Anything for a local :-)
There are basically 5 handhelds that come to mind that would be better than the R1.
1. Yupiteru MVT-7100
2. Camnis ??-050
3. Trident ??
4. AOR AR1000
5. AOR AR1500

The first three are not really available in the US, but can be ordered. The 2 AOR models get mixed reviews. The MVT-7100 is the clear king of full coverage HH scanners.

If you want a base/mobile, look at the AOR AR3000A.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2551. Re: MDT MESSAGING INTERCEPTION

Newsgroup: rec.radio.scanner
Date: 1994-04-11 18:10:22 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.128.00122CC6@ccm.hf.intel.com>
Source record: 275527

In article <2ocg0tINNdkg@umbc8.umbc.edu> eclafl1@umbc.edu (claflin eric) writes:

>This is my second post requesting information on any equipment out there
>which may allow mobile data terminal (MDT) radio traffic transmissions
>to be intercepted and read, FOR ENTERTAINMENT PURPOSES ONLY. I already know
>of the MDT units themselves being available to the public, but I am only
>interested in a receiver unit that will convert the signals into display on
>a monitor.

>If net readers have any qualms about publicly posting a reply to this message
>on the net (which you need not have any worries), E-mail can be sent in
>confidence to:

I have yet to see a commercially available product that can decode MDT data.
The major hurdle is the proprietary code scheme used by each manufacturer.
There are a few companies working on this (or so I've heard), but I have not
seen anything shipping yet.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2552. Re: Digital!!Scanners obsolite?

Newsgroup: rec.radio.scanner
Date: 1994-04-11 18:31:13 UTC
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Message-ID: <1994Apr11.183113.10663@mixcom.mixcom.com>
Source record: 275535

In <2o1kqs$nbq@mozz.unh.edu> ckf@christa.unh.edu (Christopher K Fowler) writes:

>I heard a rumor that technology may see a major advancement to more
>sophisicated types of broadcasting because of the mess of regular MHz
>bands out there now. All the bands the FCC can offer are almost filled.
>This has promted a major research project in the use of "digital"
>broadcasting. Is this all true/accurate? What will this mean for the
>scanner world? Just thought I wold raise a topic.
> Chris Fowler

Digitally encoded data over Narrow Band FM systems is already widely used
in some areas. Typical examples are microwave data links, the
digital control channel on 800 MHz trunked systems. The digital
control channel for ANALOG cellular phones. The control channels
AND the data channels for TDMA digital cellular.

And all that is as applied to conventional NARROW BAND frequency
modulation methods.

Direct sequence spread spectrum is a form of DIGITAL MODULATION
in wich a very high speed digital bit stream is used to "spread"
the signal out over a range many MHz wide. When successfully done,
the signal actually disappears into the noise floor! (At least as
far as a conventional NFM receiver, scanner or or spectrum analyzer is
concerned.)

Multiple SS systems can all occupy the same bandwidth and "center
frequency" provided the they all have a unique "pseudo random"
spreading code.

Regardless of how digital data is sent, it can still be encrypted
to the point where supercomputer resources are needed to decode
the data in a timely fashion. The entire premise of cryptography
is based on the fact that you EXPECT people to intercept the signal!
While the transmitter and receiver who know the key can encrypt/decrypt
on-the-fly in real time, those who do not have the key must do an
incredible amount of off-line numbercrunching to decode a message.

In 15 years (maybe 10) scanning will be dead and buried. Better
study up on digital modulation techniques and pick up a good book
on cryptography if you want to hear anything! ;-))

While there may be emerging RF digital standards as far a network IDs,
packet headers and the like, the DATA of interest will probably be
kept private via encryption techniques.

One trunked system in our area will be going fully digital in a few years. TDMA cellular will probably be in our area in 2 or 3 years. Some of the larger metropolitan areas have it already.

Happy scanning! Enjoy it while it lasts! ;-))

--
/`-_ kevin.jessup@mixcom.com
{ }/ Marquette Electronics, Inc
\ / N9SQB, ARRL, Amateur Radio
|__*| N9SQB @ WD9ANY.#MKE.WI.USA.NA

2553. Newbie question - Pro 39 & Cellular

Newsgroup: rec.radio.scanner
Date: 1994-04-11 19:41:38 UTC
From: sgoodman@panix.com
Message-ID: <2oc95i$lt3@panix2.panix.com>
Source record: 275608

I have a Pro 39 that has 800 capability. Can it monitor Cellular ?
What is the Freq Range for Cellular ? Thanks........

2554. Re: >Best Handheld Scanner<

Newsgroup: rec.radio.scanner
Date: 1994-04-11 19:59:03 UTC
From: lasercpts@aol.com
Message-ID: <2oca67$1ab@search01.news.aol.com>
Source record: 275609

In article <Co2wz7.6Fr@zimmer.CSUFresno.EDU>, rafaels@zimmer.CSUFresno.EDU (Rafael Solis) writes:

Its the Radio Shack Pro-43. Nothing else quite as good.

2555. PRO-2030 Mod

Newsgroup: rec.radio.scanner
Date: 1994-04-11 20:16:46 UTC
From: jdross@sdcc13.ucsd.edu
Message-ID: <65427@sdcc12.ucsd.edu>
Source record: 275610

I just got the directions for the RS PRO-2030 Mod off of the Oakland FTP site. It says that for cellular restoration, to clip loop L201. Has anyone done this mod, and if so, have you experienced any problems with it? Does it cut off other frequencies that this scanner recieves? I've seen the stories of some folks missing their 29-54 MHz after such an operation. Any replies welcomed!

- J.D.

2556. Re: ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-04-11 21:05:35 UTC
From: richard@newt.ee.byu.edu
Message-ID: <1994Apr11.150515@newt.ee.byu.edu>
Source record: 275611

Can you recommend a scanner that is better than the R1 and still has
the full coverage from 100kHz to 1. GHz.

Richard

2557. Alphanumeric Pager Software

Newsgroup: rec.radio.scanner
Date: 1994-04-11 21:07:48 UTC
From: b1y1m39@kato.BELL-ATL.COM
Message-ID: <Co45D0.Et0@kato.BELL-ATL.COM>
Source record: 275612
Cross-posted to: misc.emerg-services,rec.radio.scanner

Does anyone know where I can get software for these pagers?
i.e. SIDEKICK 2.0, SAMPAGE, PCPAGE, EZPAGE, ALPHAPAGE,
NOTIFY!

--
==========
Bob Esposito Voice/Voice Mail: (215) 466-6831
Bell Atlantic Corp. FAX: (215) 563-3984
Philadelphia, Pa. E-mail: b1y1m39@kato.BELL-ATL.COM

2558. MDT MESSAGING INTERCEPTION

Newsgroup: rec.radio.scanner
Date: 1994-04-11 21:38:37 UTC
From: eclafl1@umbc.edu
Message-ID: <2ocg0tINNdkg@umbc8.umbc.edu>
Source record: 275613

This is my second post requesting information on any equipment out there which may allow mobile data terminal (MDT) radio traffic transmissions to be intercepted and read, FOR ENTERTAINMENT PURPOSES ONLY. I already know of the MDT units themselves being available to the public, but I am only interested in a receiver unit that will convert the signals into display on a monitor.

If net readers have any qualms about publicly posting a reply to this message on the net (which you need not have any worries), E-mail can be sent in confidence to:

eclafl1@gl.umbc.edu

Option 2: use the anonymous posting service (double blind) if you're still wary.

Many thanks,

```
*******************************************************************************
Eric Claflin EMT-P, NICS, PHTLS ***** " It seems there is nothing
University of Maryland EMSS ***** in this world that binds,
Shock Trauma Resuscitation Unit ***** When you're trying to find
<<< green bay packers >>> ***** your place in the line. "
eclafl1@gl.umbc.edu ***** -JUDE COLE
*************************************^^^^^************************************
```

2559. canada scan laws

Newsgroup: rec.radio.scanner
Date: 1994-04-11 22:00:07 UTC
From: nelso901@crow.csrv.uidaho.edu
Message-ID: <2och97INNde1@owl.csrv.uidaho.edu>
Source record: 275614

I am going to be making a trip to Vancouver Island, BC in late may.
Does anyone know what the laws/restictions regarding scanners in BC,
Canada are?

Also how about some frequncies for the Victoria, BC area?

Response by post and/or E-mail would be appreciated.

HAPPY SCANNING

Mike Nelson
nelso901@uidaho.edu

2560. PRO43: What's with all the interfenence?

Newsgroup: rec.radio.scanner
Date: 1994-04-11 22:32:44 UTC
From: albert@sc.hp.com
Message-ID: <2ocj6c$e8h@hpscit.sc.hp.com>
Source record: 275615

My PRO43 is GREAT at every band except one. 155-160 MHz. For some reason every timme I listen to trains in the Bay Area, I get nasty interference from the local NOAA weather station. It is almost always up 1.2 MHz from what I want to lister to.

It isa real nasty combination of tones and reduced voice. When I went to Roseville, I got great train reception with no interference. But, when I came home, it all started over again.

Any ideas about why, or how I could stop it?

Many thanks,

Albert Alcorn
Hewlett Packard
Semiconductor Systems Center
(408) 553-7482
albert@sc.hp.com

2561. Re: Bearcat scanner.

Newsgroup: rec.radio.scanner
Date: 1994-04-11 22:35:22 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <9404151716.AA751@nwugate.fidonet.org>
Source record: 275616

d> Well, I thought that a loose connection was all that was the problem
d> so I decided to open it. Well, now it doesn't work at all. I didn't
d> touch anything, just removed the backing. Argh!!!

d> Here are two questions for you:

d> 1) Has anyone else experienced this problem with their scanner
d> not working?

d> 2) Is it necessary to send it back to Bearcat to get it fixed, or
d> is there possibly a place here in So. Cal. that can take a look
d> at it?

Hi, David...
Not sure which model you have. Anyway, the first thing to check is to
see if there are any suspcious looking solder joints. Check especially
around the volume/power control switch. Also check the battery terminals
for corrosion. That's about all I can think of for right now.

Jerry
* Evaluation copy of Silver Xpress. Day # 0

2562. Re: Getting a Scanner: BC 2500XLT-H?

Newsgroup: rec.radio.scanner
Date: 1994-04-11 22:41:42 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <9404151716.AA752@nwugate.fidonet.org>
Source record: 275617

h> From: hayden@krypton.mankato.msus.edu (Robert A. Hayden)

h> I'm going to be buying my first scanner in the next week or so, and I
h> picked up a copy of Popular Communications to look at the adds and see
h> what mail-order prices were like.

h> One of the scanners that stuck out as having oodles of features for a
h> decent prices was the Bearcat 2500XLT-H handheld. It scans a wide-range
h> and says it is cell-modifyable. Furthermore, "Communications Electronics
h> Inc." has a deal going where you can get it fro 314.95 if you mail in
h> your order with a $25.00 off coupon.

h> Does anyone have any expierience with either this company or this
h> scanner. And if either are bad, can you recommend somethign better? I'd
h> like not to spend more than about $350 for a scanner, and would prefer
h> closer to $300. Main monitoring will be police and campus security, but
h> i figure that someday I may want it all, so the more range and features,
h> the better.
Hi, Robert...
I have the 2500. Operation is spotty at best. Unless you live in a
very rural area, this unit may not be what you want. If you go through CE,
be sure they have a return policy in case you don't like it.

With my 2500, it is a love/hate relationship. For example, I am able
to get one of the local police depts here on three different frequencies.
Not a good thing. Intermod is more apparent than on other models of
scanners.

Auto search and store is pretty neat as well as the hit counter. 100
channel per second scan is excellent, especially when searching out in the
cellular band.

Has 10 priority channels, each channel in the first 10 banks.

For me, it is hard to say yea or nay. That;s why I suggest the return
policy verification.

Good luck, Jerry
* Evaluation copy of Silver Xpress. Day # 0

2563. Re: 923 MHZ What is it?

Newsgroup: rec.radio.scanner
Date: 1994-04-11 22:43:28 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <9404151716.AA750@nwugate.fidonet.org>
Source record: 275618

c> We have a piece of equipment that seems to be having some RFI problems
c> with something around 923 MHZ. Anyone have any ideas what this could
c> be? I used a spectrum analyzer to look at the signal. It is
c> intermittant and seems to be modulated at least 500 Khz. Anyone have
c> any ideas what type of device could be generating this?

Craig...Some of the things in this region are the new cordless phones and
the video transmitters for home use. (VCR Rabbits)

Jerry
* Evaluation copy of Silver Xpress. Day # 0

2564. Re: Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-11 22:48:54 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <9404151716.AA753@nwugate.fidonet.org>
Source record: 275619

h> Alot of times you can only hear one side of a celllular conversation
h> because the call occurs between a long distance carier. Like if you
h> call another state on your car phone most probably you could only listen
h> with a scanner to one side of the call.

The reason you can only hear one side of a cellular call is because the
carriers are on to us scanner owners. The mobile side of the call is not
'repeated' through the cellular tower. The landline side you will always
hear.

Jerry
* Evaluation copy of Silver Xpress. Day # 0

2565. Re: ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-04-11 22:57:43 UTC
From: schuster@panix.com
Message-ID: <2ockl7$2ar@panix2.panix.com>
Source record: 275620

In article <1994Apr11.150515@newt.ee.byu.edu>,
Richard Christensen <richard@newt.ee.byu.edu> wrote:
>
>Can you recommend a scanner that is better than the R1 and still has
>the full coverage from 100kHz to 1. GHz.

AOR AR1000XLT/Fairmate HP-2000/Camnis HSC-010
Camnis HSC-050/Trident TR-2400
Yupiteru MVT-7000
Yupiteru MVT-7100
Yupiteru MVT-8000
AOR AR-3000a

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2566. Re: Touch Tone Decoder

Newsgroup: rec.radio.scanner
Date: 1994-04-12 00:09:14 UTC
From: stevens@bucknell.edu
Message-ID: <stevens-110494190914@cc107.bucknell.edu>
Source record: 275621

In article <Cnv37v.M35@rainbow.cse.nau.edu>, jwa@pine.cse.nau.edu (james w abendschan) wrote:

> Does anyone have either
>
> 1) a schematic/pointers on creating a stand-alone DTMF decoder
>
> or
>
> 2) the IC# of the decoder chip that the Novation AppleCAT][used?
>
> The latter would be preferable, as I suspect it would be much
> cheaper.
>
> Thanks,
>
> James
>
> --
> james w abendschan / jwa@pine.cse.nau.edu / beable beable beable?

Check out my previous post (Re: DTMF decoder - WANTED). Motorola makes a stand alone chip (MC145436) that will decode all 16 valid tone pairs. Only need a 3.58 Mhz crystal and a 1 Meg resistor!

James Stevens <stevens@bucknell.edu>

2567. Space Shuttle Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-12 00:15:18 UTC
From: photi_w@nightshade.cs.odu.edu
Message-ID: <2ocp6m$dia@xanth.cs.odu.edu>
Source record: 275622

Could someone please email me or post the current shuttle freqs.
Thanks.

--

William P. Photinos III photi_w@cs.odu.edu
Old Dominion University
Norfolk, Virginia

2568. Mobile Scanner use in Canada

Newsgroup: rec.radio.scanner
Date: 1994-04-12 00:30:44 UTC
From: swilkins@isle.waterloo-rdp.on.ca
Message-ID: <1994Apr12.003044.1420@isle.waterloo-rdp.on.ca>
Source record: 275623

Does anyone out there know if it is legal to use a scanner in a car?
Whether it makes a difference if it's mounted/hand held?

I'd also appreciate it if anyone could recommend a good handheld scanner
for those on a budget.

Thanks!

Scott.

--
Scott Wilkins - **
*International Alliance of Theatrical Stage *
*Employees and Moving Picture Machine *
Operators - Local 357 Kitchener, On. Canada

2569. Morse code type signals heard?

Newsgroup: rec.radio.scanner
Date: 1994-04-12 00:40:12 UTC
From: drr1@nauvax.ucc.nau.edu
Message-ID: <12APR94.00401217@nauvax.ucc.nau.edu>
Source record: 275624

I frequently hear morse-code type signals while listening to police and fire frequencies.
At first I thought they were MDT messages. But recently I heard an operator say that she was going to send an MDT message, and then a few minutes later the officer said he got the message. In between the 2 transimissions I didn't here anything.

Does anyone know what these tones are?

Thanks,
Dennis

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.3a

mQBNAi2pAy4AAAECANQTUNloJYfn1Ux+8Ms1/vC5eIErIfER0+YWTmRITx+zdRVv
iRn7oCYVV1KtgUtFrGKgcwH/BaoQTwtfWx3dB8EABRG0LURlbm5pcyBSLiBSaWNl
LCBKci4gPGRycjFAbmF1dmF4LnVjYy5uYXUuZWR1Pg==
=4krq
-----END PGP PUBLIC KEY BLOCK-----

2570. Re: PSP frequencies - one more time - apology

Newsgroup: rec.radio.scanner
Date: 1994-04-12 00:47:42 UTC
From: berling@reis60.alleg.edu
Message-ID: <2ocr3e$hgb@mustang.alleg.edu>
Source record: 275525

It seems my clarification didn't make it to Usenet. I certainly
didn't mean any malice or mayhem towards Mr. Christian. His list was good
and did leave out the options. I posted the list as is because it was
given to me by the Chief of Electronics of PSP, based in Harrisburg (who
happens to be a neighbor). Far be it from me to assume that he was
feeding me information that may not apply to everyone. I didn't intend to
step on any toes - just trying to offer information that others on the Net
might find useful or enjoyable.

Gordon

--
Gordon Berlin berling@alleg.edu
Hershey Vol. Fire Co. Allegheny College
Hersheypark Safety and Security Meadville, PA
Hershey, PA "Oh my God! Sunshine!
"Chocolatetown, U.S.A."
"Yes, ma'am, that really is the smell of chocolate in the air."

2571. Re: PRO-2006 computer interface add-on

Newsgroup: rec.radio.scanner
Date: 1994-04-12 02:12:01 UTC
From: bug68@aol.com
Message-ID: <2od01h$5pp@search01.news.aol.com>
Source record: 275528

In article <1994Feb22.203404.535@sdg.dra.com>, sean@sdg.dra.com writes:

Sean,

I would recommend the Commtronics unit. It is a bit more intense on the assembly side, but is cheaper. The commtronics unit also has several 3rd party software / hardware add-ons that are really hot!!

2572. Re: PRO-2006 computer interface add-on

Newsgroup: rec.radio.scanner
Date: 1994-04-12 02:54:06 UTC
From: el124@cleveland.Freenet.Edu
Message-ID: <2od2ge$q71@usenet.INS.CWRU.Edu>
Source record: 275529

In a previous article, bug68@aol.com (BUG68) says:

>In article <1994Feb22.203404.535@sdg.dra.com>, sean@sdg.dra.com writes:
>
>Sean,
>
> I would recommend the Commtronics unit. It is a bit more intense on the
>assembly side, but is cheaper. The commtronics unit also has several 3rd party
>software / hardware add-ons that are really hot!!

Is there a difference between the Commtronics and the HB-232
interface (I believe that's the name) ? Are they the same thing?
--
Mike Wilson COM-ASEL-IA
Spirit of St. Louis, MO
Email: Internet--wilson@sluvca.slu.edu ----------------------
Compuserve--75163,45

2573. Re: Morse code type signals heard?

Newsgroup: rec.radio.scanner
Date: 1994-04-12 03:00:03 UTC
From: dgoodman@aol.com
Message-ID: <2od2rj$6dp@search01.news.aol.com>
Source record: 275530

Most typically, it is a Morse code identifier of the station's FCC callsign.

Danny Goodman

2574. Re: canada scan laws

Newsgroup: rec.radio.scanner
Date: 1994-04-12 04:17:17 UTC
From: bmarcy@pipeline.com
Message-ID: <2od7cd$2mn@pipeline.com>
Source record: 275531

nelso901@crow.csrv.uidaho.edu (Nelson Michael) wrote:

>I am going to be making a trip to Vancouver Island, BC
>in late may.
>Does anyone know what the laws/restictions regarding
>scanners in BC, Canada are?
>
>Also how about some frequncies for the Victoria, BC
>area?

Current Canadian law states you may listen to ANY point to point transmissions you wish while mobile or fixed, as long as you do not divulge the contents of the transmissions monitored. Yes, it is that simple and (sigh), taking their cue from the American cellular industry, the Canadian cellhead complex is mounting an assault upon the status quo. Nothing lost yet. So come on up to the True North Strong and Free and breathe some fresh air.

Sorry..no West coast freqs tho. But enjoy your trip.

2575. Re: Digital!!Scanners obsolite?

Newsgroup: rec.radio.scanner
Date: 1994-04-12 07:49:16 UTC
From: rwilkins@ccnet.com
Message-ID: <2odjps$9qc@ccnet.ccnet.com>
Source record: 275532

kevin jessup (kevin.jessup@mixcom.mixcom.com) wrote:

: In 15 years (maybe 10) scanning will be dead and buried. Better
: study up on digital modulation techniques and pick up a good book
: on cryptography if you want to hear anything! ;-))

Any one listening to federal agencies can already tell you that digital voice is already here. All of the "secret" stuff is now heard as white noise. All new trunking systems will be digital voice, some are operating today.

: One trunked system in our area will be going fully digital in a few
: years. TDMA cellular will probably be in our area in 2 or 3 years.
: Some of the larger metropolitan areas have it already.

TDMA Cellular is here today in the Bay Area. Only the common folk talk on analog phones, we have read in the newspapers that all of the movers and shakers have moved to the privacy of TDMA white noise.

: Happy scanning! Enjoy it while it lasts! ;-))

This new technology is really adding more simaltanious users per frequency as an added benifit there is a perception of privacy.

The requests for cello mods will give way to dsp drivers for particular modulation types. Scanning as we know it will be gone sooner than you think, only to continue on into the digital age.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

2576. Green Card Lottery- Final One?

Newsgroup: rec.radio.scanner
Date: 1994-04-12 08:13:57 UTC
From: nike@indirect.com
Message-ID: <2odl85$48u@herald.indirect.com>
Source record: 275533
Cross-posted to: rec.radio.scanner,za.environment

Green Card Lottery 1994 May Be The Last One!
THE DEADLINE HAS BEEN ANNOUNCED.

The Green Card Lottery is a completely legal program giving away a certain annual allotment of Green Cards to persons born in certain countries. The lottery program was scheduled to continue on a permanent basis. However, recently, Senator Alan J Simpson introduced a bill into the U. S. Congress which could end any future lotteries. THE 1994 LOTTERY IS SCHEDULED TO TAKE PLACE SOON, BUT IT MAY BE THE VERY LAST ONE.

PERSONS BORN IN MOST COUNTRIES QUALIFY, MANY FOR FIRST TIME.

The only countries NOT qualifying are: Mexico; India; P.R. China; Taiwan, Philippines, North Korea, Canada, United Kingdom (except Northern Ireland), Jamaica, Domican Republic, El Salvador and Vietnam.

Lottery registration will take place soon. 55,000 Green Cards will be given to those who register correctly. NO JOB IS REQUIRED.

THERE IS A STRICT JUNE DEADLINE. THE TIME TO START IS NOW!!

For FREE information via Email, send request to cslaw@indirect.com

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****
Canter & Siegel, Immigration Attorneys
3333 E Camelback Road, Ste 250, Phoenix AZ 85018 USA
cslaw@indirect.com telephone (602)661-3911 Fax (602) 451-7617

2577. Re: PRO-46 or other RS vs. another cheap Bearcat?

Newsgroup: rec.radio.scanner
Date: 1994-04-12 08:19:33 UTC
From: karlm@rci.ripco.com
Message-ID: <Co50Gn.37u@rci.ripco.com>
Source record: 275534

: I wouldn't go *that* far. I use my '43 in the car and have plenty of
: problems. They only happen at specific places (probably near transmitters)

Did you have it hooked to an antenna outside the car? Cars are pretty noisy radiowise so it might have been a problem with the front end desensitizing. I've heard from a number of people that have had problems caused by this. In any case the 43 is still a great scanner for the money.

2578. how do you monitor police 800mhz systems??

Newsgroup: rec.radio.scanner
Date: 1994-04-12 12:08:16 UTC
From: b
Message-ID: <b-120494182116@m31-74.bgsu.edu>
Source record: 275536

How do you monitor the police when they're using one of those 800mHz trunked systems? I just bought a new scanner in addition to my Ham gear to monitor the police but am having no luck. Tnx Keary

2579. CB causing scanner interference...

Newsgroup: rec.radio.scanner
Date: 1994-04-12 12:54:15 UTC
From: Dave Shaffer <DCS4@psuvm.psu.edu>
Message-ID: <94102.085415DCS4@psuvm.psu.edu>
Source record: 275537
Cross-posted to: rec.radio.scanner,rec.radio.cb

I have an old Cobra CB radio in my car that I use very infrequently.

I have noticed recently that when I turn on the CB radio on channel 19, it stops my BC100xlt scanner (with an external antenna) on a state police frequency, 155.910 I believe.

What causes this? Is there anything I can do to eliminate the problem, short of not having both on at the same time?

- Dave

2580. Re: Question about Bearcat Scanner

Newsgroup: rec.radio.scanner
Date: 1994-04-12 13:01:33 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.131.000D06FC@ccm.hf.intel.com>
Source record: 275550
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.autos.tech

In article <1994Apr12.175754.27215@usl.edu> lel1544@ucs.usl.edu (LeBlanc Louis E) writes:

>Does anyone have any info on the Bear Tracker BCT 2 by Uniden? What exactly
>does it do and how well does it work? I know it is suppossed to pick up some
>sort of signal from police cars, but would like more details.

If I remember correctly, the user enters the state into the BCT2 and it has the highway patrol frequencies pre-programmed. For example in California the 42MHz band is used. The other method that can be used (not sure if the BCT2 does this), is to monitor the mobile repeater frequency that is located in the police cruiser. Mobile repeaters act as repeaters for the police handheld units, so the HT transmits to the car, and the car retransmits to the base. In California the frequency is 154.905MHz. It is a good frequency to monitor while mobile, since they have a limited range (about a mile or less), and activity on this frequency means a car is near by. The are many downside to relying on this. If there is not radio traffic, then you won't know if a car is near, and many of the newer CHP cars disable the repeater if the transmission is in "drive".

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2581. Re: Radio Shack's Ham Po

Newsgroup: rec.radio.scanner
Date: 1994-04-12 13:27:08 UTC
From: Alexander.Tait@f747.n115.z1.fidonet.org
Message-ID: <2daae7fc@f747.n115.z1.fidonet.org>
Source record: 275538

-=> Quoting Kevin.jessup@mixcom.mixco to All <=-

Ke> In my car, I use a Yeasu FT2400. Best damned 2-meter mobile around!

The FT2400 is really one of the best Ham radios out. It is based on
a mil-spec designe by Yeasu's commercial division called Vertex.
I used to own one in VHF and UHF, but I sold them in favor of
Motorola gear. Btw, the US Military uses a version of the 2400

73, Alex KB9HDB

... Smash forehead on keyboard to continue...
___ Blue Wave/QWK v2.11

2582. 2006 mods

Newsgroup: rec.radio.scanner
Date: 1994-04-12 14:05:28 UTC
From: jxc4788@ritvax.isc.rit.edu
Message-ID: <1994Apr12.140528.14287@ultb.isc.rit.edu>
Source record: 275539

Just purchased the pro-2006, and need the 800 mhz mod and any other fully tested mods. Also would anyone please post the cell feq.

Thanks in advance,
-J

2583. Re: IDEA - Single Band Scanners

Newsgroup: rec.radio.scanner
Date: 1994-04-12 14:12:03 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.132.000E33D2@ccm.hf.intel.com>
Source record: 275552

In article <766176002-0-7404@chop.isca.uiowa.edu> Eric White <ewhite@chop.isca.uiowa.edu> writes:

>Is it time to bring back the single band scanner? The current philosophy
>seems to be a "one size fits all" radio capable of receiving DC to Daylight
>frequencies. But that also means compromises.

I agree. Wideband is synonimous with intermod. How about a scanner that has "plug-in" RF modules for different bands? The digital control stuff could be built in and the user could pop in the band module - complete with filters.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2584. FCC Form 740?

Newsgroup: rec.radio.scanner
Date: 1994-04-12 14:22:17 UTC
From: kgehalo@wang.com
Message-ID: <Co5H97.A87@wang.com>
Source record: 275572

Does anyone know of a quick way to get a copy of
FCC Form 740 (Declaration Regarding the Importation
of Radio Frequency Devices Capable of Causing
Harmful Interfernce)? The FCC forms office says
it will take up to two weeks from them.

Thanks, Ken
kgehalo@wang.com

2585. Re: Beyond Police Call?

Newsgroup: rec.radio.scanner
Date: 1994-04-12 14:24:39 UTC
From: mcarp@bbs.xnet.com
Message-ID: <mcarp.3jqq@bbs.xnet.com>
Source record: 275540

jerry@hnrc.tufts.edu (Jerry Dallal) writes:

>The latest Police Call has a full page announcement near the front for "Beyond
>Police Call", available this month. Has anyone seen it? Will RS carry it?
>Price?
>
>Thanks.
I have talked to several different RS over the last few weeks and have asked
about that guide. Most of them didn't know anything about it, and those that
did, said that they wouldnt get them in until around July. If I see any, I
will post a message.

Mike

2586. Re: Railroad scanning

Newsgroup: rec.radio.scanner
Date: 1994-04-12 14:31:02 UTC
From: Alexander.Tait@f747.n115.z1.fidonet.org
Message-ID: <2daaf6f6@f747.n115.z1.fidonet.org>
Source record: 275541

-=> Quoting Jerry Smith to Gregory@cbnewsd.cb.att.co <=-

g> Hi All,

g> Any Railroad scanning buffs out there? I'm interested in using
g> my scanner to hear whatever activity might be available and am looking
g> for tips to this end. I live in Batavia, IL and have heard some stuff
g> from the Eola Yards in Aurora (I think they are Burlington Northern
g> yards). These have been mostly track maintenance types of transmissions.
g> What other types of things might be heard from a switching yard?

g> There also is a spur line (?) that runs through Batavia and on into
g> Aurora that is probably Burlington Northern (at least the trains coming
g> through have BN engines). I've tried to hear any transmissions as the
g> trains are running through Batavia, but so far am unsuccessful. While of
g> course I may not be scanning the relevant frequencies, I'm wondering if
g> they are even on the radio as they come through town. What types of
g> transmissions might one expect from such a train, and how frequently
g> would they be transmitting? Are there any types of signaling equipment
g> that might be communicating with the train (or dispatcher or whatever)
g> over the radio?

g> When a train is out on the road (such as the BN tracks that follow
g> Rte 30 west) what types of communications are involved?

g> So far all my frequencies to try have come from the Police Call.
g> Can anyone suggest additional frequencies, or another source for finding
g> suitable frequencies?

Hi there. I'm from Naperville, right on the race track for the BN.

If you're interested in monitoring the Burlington Nothern try the
following.

161.100 F1 ROAD: simplex local, linked via a microwave system to the
Galesburg dispatcher.

160.425 F5 PBX repeater with PBX autopatch i.e telephone interconnect.

160.650 F2 Milsc use. Mostly yards, and MOW
160.550 F3 same

System details.

161.100 is the primary communications channel for the entire
BN. It is used in a simplex mode for local transmissions by
portables and mobiles in cars. The radio in the engines are 120
channel Motorola Spectra 9000 radios. They have the ability to

select any of the 99 standard railroad channels. These radios
can also select different tx and rx freqs to access different repeaters
This is how engines can run through to anywhere in the country.
A unique feature of the BN system is the microwave link to the
Galesburg
dispatcher. The section of mainline from Chicago to Aurora is call
the "East End" with the section from Aurora to Galesburg the mainline.
Both are in the Galesburg division. Now, back to the radio system

The Microwave link is activated by MDC-1200. (Motorola Digital Code
1200 baud). This is a squawking tone heard at the end of the
transmission
It includes a locomotive ID number and a code to active the Microwave
transverter on this channel.

The types of communcation heard usually are train requesting permission
to unlock switches, proceed past oposin aspect signals, passing other
trains in a siding etc etc. These transmission normally take place on
F1 Road with the microwave link. Yard operations and conducted on the
simplex local channels. F5 PBX is used mainly for its high coverage
repeater by the Special Agents (RR Law enforcement) or telephone
interconnect to the BN phone system by all others, mostly supervisors.

i hope all this helps. I've been a train buff and model radilroader
long
before I became a Amateur radio operator, or scannner listener.

btw, that spur line is part of the BN. It really doesn't receive much
use.

One interesting spot in Turner Junction in Batavia. This is where the
BN
spur line, EJ&E and C&NW meet in a rather complex crossing still
control
by on the last manned switch towers in the Chicago area.

... ... So just when _did_ you run out of ammunition?
___ Blue Wave/QWK v2.11

2587. Pro 39 vs Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-04-12 14:52:11 UTC
From: vinod@watson.ibm.com
Message-ID: <2oecir$kft@watnews1.watson.ibm.com>
Source record: 275542

What are the differences between the above scanners? I am thinking of getting my first scanner, the guy at the RS couldn't provide much information..

Also, they had a new scanner with 800 MHz (Pro 27?) for around $120. Any info/opinions on these? (It has only 50 channels..)

Thanks in advance!
--vinod
email: vinod@watson.ibm.com

(PS. My apologies if anybody receivers multiple copies of this..I started with a "world" distribution, cancelled it and then put a usa distribution, but something might have sneaked out meanwhile..)

2588. NH Scanner Codes part1

Newsgroup: rec.radio.scanner
Date: 1994-04-12 16:29:52 UTC
From: ckf@christa.unh.edu
Message-ID: <2oeia0$6nb@mozz.unh.edu>
Source record: 275543
Cross-posted to: misc.emerg-services,rec.radio.scanner

Well, since the demand has been so great for these scanner/radio codes, I'm going to start a post and try to cover as many as I can. I hope all you scanner buffs enjoy them!!

STATE OF NEW HAMPSHIRE: UNITED STATES OF AMERICA

To improve communications thruoughout the state, a statewide county system, with dispatch and repeater systems has been implimented.

COUNTY MAIN CHANNEL LOCAL DISPATCH SHERIFF DEPT.

Belkanp 154.830
Carroll 154.860
Cheshire 155.070 155.640
Coos 155.595
Grafton 154.770
Hillsborough 155.520 155.430
Merrimack 155.685 155.700
Rockingham 154.815 155.415 154.950
Strafford 154.725 156.030
Sullivan 156.150

STATE POLICE CHANNELS

Ch1. Headquarters Concord 44.940
Ch2. Car to Car 44.820
Ch3. Troop F Twin Mt. 45.260
Ch4. Troop A Epping 45.300
Ch5. Troop C Keene 45.220
Ch6. Troop E Multon 45.460
Ch7. Aircraft Traffic 45.180
Local Dept's North to State 155.910
Local Dept's South to State 156.090
Statewide Car/Car 155.475

More to come soon, promise!

2589. Cellular Notebook Interceptor

Newsgroup: rec.radio.scanner
Date: 1994-04-12 17:14:03 UTC
From: ala@austin.ibm.com
Message-ID: <Co5p7F.37Gz@austin.ibm.com>
Source record: 275544

Anyone know anything about a company that makes a device that's a scanner and a notebook computer all built into one unit. It apparently is manufactured in England or somewhere, all I know about it is that it exists and is used or capable of being used for intercepting and monitoring cellular traffic. Along the same lines of the DDI but built into one unit.

Please post all replies here, otherwise your mail to me will bounce. Looking for company that manufactures it, prices, you get the drift.

Thanks in advance.

Al

.signature currently under reconstruction.

2590. NH Scanner Codes: Part 2

Newsgroup: rec.radio.scanner
Date: 1994-04-12 17:37:32 UTC
From: ckf@christa.unh.edu
Message-ID: <2oem8s$794@mozz.unh.edu>
Source record: 275545
Cross-posted to: rec.radio.scanner,misc.emerg-services

Well, here are some more of the codes everyone asked for. ENJOY!!

STATE OF NH DEPT. OF FISH and GAME

The state of NH F&G Dept. is in charge of SAR, hunting, OHRV, etc. in the state of NH.

Ch1. Statewide Repeater 151.340
Ch2. Direct communications 159.465
"B" Repeater Mt. Washington (Tx 159.345)(Rx 151.340)(PL 141.3)

UNITED STATES FOREST SERVICE (WHITE MT. NATIONAL FOREST) SAR

USFS Repeater Mt. Washington (Tx 170.575)(Rx 151.525)
USFS Unit/Unit 170.525
USFS Repeater Wildcat (see Mt. Washington Repeater)

STATE OF NH DEPT. OF RESOURCES AND ECONOMIC DEVELOPMENT(Div. of Parks&Rec.)

Franconia Notch/Cannon Mt. Ski Patrol unit/unit 159.375
Franconia Notch Repeater, Cannon (Tx 159.375)(Rx 151.385)
Dept. of Resources and Econ. Dev. 2b Repeater Washington (Tx 159.270)(Rx 151.295)
car/car 159.225

Appalacian Mt. Club SAR/Franconia Notch State Park
AMC F1 Repeater Washington (Tx 468.950) (Rx 463.950)
AMC unit/unit 463.950
AMC repeater Cannon mt. (Tx 461.500) (Rx 463.950)

STATE OF NH DIV. OF HIGHWAYS

Div.1 Lancaster 453.925
Div.2 Lebanon 453.775
Div.3 Laconia 453.775
Div.4 Swanzey 453.625
Div.5 Hookset 453.675
Div.6 Durham/State Turnpike 453.625/453.975
Div.1 Repeater North 158.925

THE REMAINING CHANNELS ARE FAIRLY EXTENSIVE. I HAVE THEM AVAILABLE TOWN BY TOWN IF YOU WANT THEM. Please send SPECIFIC TOWN names and I will send them off to you ASAP. Please remember to request SPECIFIC TOWNS, and not things like "all of SW NH, all the Mutual Aid Channels", etc. I don't mind posting, however, I do like to sleep at night!!! Hope to hear from you.

NOTE: Scanning in some states is ILLEGAL. I will not take any responsibility for improper scanner use in NH or any other state. By providing these codes, I am assuming you are scanning under local rules, regulations, and guidelines as set forth by the FCC, Police, and local Government for your town, county, state, or local area. As advised by the FCC and local government, YOU are responsible for any modifications to your scanner, two way, or other radio equipment.

Thank you!

Chris Fowler
Ranger: Franconia Notch State Park
Franconia NH

tel. (603) 862-8264 or (603) 823-8541
e-mail ckf@christa.unh.edu
US POSTAL
Stillings Box 5596
UNH Durham NH
03824

2591. Re: how do you monitor police 800mhz systems??

Newsgroup: rec.radio.scanner
Date: 1994-04-12 17:55:56 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.133.0011EF38@ccm.hf.intel.com>
Source record: 275560
Body handling: HTML body converted to readable text

In article b (b) writes:

>How do you monitor the police when they're using one of those 800mHz
>trunked systems? I just bought a new scanner in addition to my Ham gear to
>monitor the police but am having no luck. Tnx Keary

You program in all the frequencies, lock out the control channel(s), use no delay, and keep your finger on the "scan" button. A busy trunked system with more than 5 frequencies, is very difficult to monitor. You just have to be able to identify the voices so you know which conversation to stop on. Not much fun!

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2592. Question about Bearcat Scanner

Newsgroup: rec.radio.scanner
Date: 1994-04-12 17:57:54 UTC
From: lel1544@ucs.usl.edu
Message-ID: <1994Apr12.175754.27215@usl.edu>
Source record: 275546
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.autos.tech

Does anyone have any info on the Bear Tracker BCT 2 by Uniden? What exactly does it do and how well does it work? I know it is suppossed to pick up some sort of signal from police cars, but would like more details.

Thanks,

Louis

2593. Canadian VHF Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-04-12 18:01:27 UTC
From: jkearman@arrl.org
Message-ID: <1994Apr12.180127.2846@arrl.org>
Source record: 275547

Can anyone tell me which agency or service is allocated
148.240 and 148.455 MHz in Canada?

Is 152.515 a particular agency or service, or simply
general "public service"?

Any special allocations on 298.525 MHz, that might use FM?
I know that's typically a military aviation AM frequency.

Voice "numbers" transmissions have been heard on these
frequencies in the Winnipeg area.

Thanks.

Jim

jkearman@arrl.org

2594. Re: PRO-43 Battery Life (followup)

Newsgroup: rec.radio.scanner
Date: 1994-04-12 18:23:06 UTC
From: irvsmith2@aol.com
Message-ID: <2oeoua$ge2@search01.news.aol.com>
Source record: 275567

In article <lriggins.761283556@afit.af.mil>, lriggins@afit.af.mil (L. Maurice Riggins) writes:

Maurice:

I average about the same on the pro 43, with the 850 mah batts. Around 10 and 1/2 hours.

-=Irv=-

2595. IDEA - Single Band Scanners

Newsgroup: rec.radio.scanner
Date: 1994-04-12 18:38:30 UTC
From: Eric White <ewhite@chop.isca.uiowa.edu>
Message-ID: <766176002-0-7404@chop.isca.uiowa.edu>
Source record: 275566

Is it time to bring back the single band scanner? The current philosophy seems to be a "one size fits all" radio capable of receiving DC to Daylight frequencies. But that also means compromises.

Many scanner users are only interested in one or two specific bands. For example, I listen almost exclusively to railroad frequencies. There isn't a single handheld on the market today that does a real good job on the RR freqs (159-162 Mhz). Well, maybe the Yupi MVT-7100, but that's a bit expensive for someone who's just listening to choo-choos.

I'd much rather have a tight front end, high sensitivity, and good intermod and image rejection in a 159-163 Mhz only rig. (Toss in the NOAA freqs since they're so close, and maybe expand it for Marine band users down to 156 Mhz). Yes, I'd like to keep all the handy features and fast scan speed of the latest GRE or Uniden radios as well. I'll continue to use my "one size fits all" scanner for the few things I need to listen to outside that band.

Eric

2596. Stupid question

Newsgroup: rec.radio.scanner
Date: 1994-04-12 18:47:35 UTC
From: richard@newt.ee.byu.edu
Message-ID: <1994Apr12.124627@newt.ee.byu.edu>
Source record: 275548

Before I buy a scanner, I want to make sure that it will at least
receive television sound. Do I just need WFM capabilities?

Richard

2597. IDEA IDEA

Newsgroup: rec.radio.scanner
Date: 1994-04-12 19:10:29 UTC
From: dmsmith@tacom-emh1.army.mil
Message-ID: <2oern5$qrc@vtc.tacom.army.mil>
Source record: 275549

Multiple antenna inputs, say two inputs one for your discone and one for your beam. These would be selectable while in manual mode, discone beam or both. Each channel could be programmed to automaticly select the best antenna for that frequency or direction of reception while scanning.

2598. Audio level on PRO-46 vs. PRO-51 (?)

Newsgroup: rec.radio.scanner
Date: 1994-04-12 20:39:49 UTC
From: achern@wam.umd.edu
Message-ID: <2of0ul$d8m@cville-srv.wam.umd.edu>
Source record: 275551

My PRO-46 is listed to have an audio output level of 220 mW. What does the new PRO-51 (I think it's the 51) list as it's audio output level? How about the 43?

Thanks,
Alex

2599. Cheap Scanner & Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1994-04-12 22:26:15 UTC
From: shawnlg@netcom.com
Message-ID: <shawnlgCo63ns.LC9@netcom.com>
Source record: 275553

I sold my scanner about 5 years ago, because there wasn't anything interesting to scan in my small town. Cellular phone calls sound interesting, so I'd like to get another cheap scanner that can be modified to scan cellular calls, or get a device that'll move the frequencies of the cell band into another band. I'm new to the news group, so I haven't seen much background on this.

I heard of a device that can be screwed on the antenna of a handheld scanner. This sounds handy. Any ideas?

--

Shawn Gordhamer
shawnlg@netcom.com
Rochester, Minnesota USA

2600. HTs with extended RX

Newsgroup: rec.radio.scanner
Date: 1994-04-12 23:24:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <766327450.AA08606@rochgte.fidonet.org>
Source record: 275554

> From: jerry@hnrc.tufts.edu (Jerry Dallal)
> Organization: USDA HNRC at Tufts University

> band HT with extended RX so that one can be mobile with

Add the Icom IC-24AT to your list. 2m/70cm transceive, plus receive coverage (roughly) from 73.250 MHz to 954.775 MHz. Those are the limits at which the VCO starts to unlock. There is a gap in the 130 MHz area. The civilian aircraft band is automatically received in AM mode. I'm not sure about the military air band. Reception at the edges of the tuning range is poor. Also, the display will indicate any frequency from 0.00 MHz to 1 GHz, but the RF circuitry won't go that far.

The '24AT can have extended frequencies programmed into its memories and they will stay there, so it can be used as a 40-channel scanner.

==========
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

2601. Beyond Police Call

Newsgroup: rec.radio.scanner
Date: 1994-04-12 23:37:54 UTC
From: footage@panix.com
Message-ID: <2ofbci$olh@panix.com>
Source record: 275555

[No readable article body recovered]

2602. Re: Stupid question

Newsgroup: rec.radio.scanner
Date: 1994-04-12 23:50:31 UTC
From: schuster@panix.com
Message-ID: <2ofc47$5l4@panix2.panix.com>
Source record: 275556

In article <1994Apr12.124627@newt.ee.byu.edu>,
Richard Christensen <richard@newt.ee.byu.edu> wrote:
>
>Before I buy a scanner, I want to make sure that it will at least
>receive television sound. Do I just need WFM capabilities?

Yes. But you also need a scanner which covers the frequencies used by both
VHF and UHF television stations, and the ability to MANUALLY CHOOSE WFM
when tuning those frequencies.

Many scanners do not cover the UHF TV frequencies and may be engineered so
that many of the birdies end up in that range. Manufacturers didn't see
coverage in that area as important ... e.g. the doomed BX2500XLT.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2603. Re: Stupid question

Newsgroup: rec.radio.scanner
Date: 1994-04-13 00:06:35 UTC
From: copeland@metronet.com
Message-ID: <Co68B0.7yI@metronet.com>
Source record: 275557

In article <1994Apr12.124627@newt.ee.byu.edu>,
Richard Christensen <richard@newt.ee.byu.edu> wrote:
>
>Before I buy a scanner, I want to make sure that it will at least
>receive television sound. Do I just need WFM capabilities?

The PRO-2006 picks up almost all TV channels (channel 2 to channel 21).

2604. Virtual channels on trunk frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-13 00:18:50 UTC
From: sternk@alumni.cs.Colorado.EDU
Message-ID: <2ofdpa$nac@lace.Colorado.EDU>
Source record: 275558

While listening to the input frequencies of Denver's PD/FD, I
will sometimes hear someone talk about going to channel x-and-such. Since
this is a trunk system, I was wondering how this is possible.
Is there a way to tell the trunking computer to create a virtual
channel? Do trunk hand-held radios know how to switch to a simplex
frequency?
Being that I am at work, I have not been able to turn up my
scanner to determine if I can recognize the person's voice who announced
they were going to channel x-and-such after the announcement.
Anyone have any information on this?

~Ken

2605. WHERE TO BUY SCANNER

Newsgroup: rec.radio.scanner
Date: 1994-04-13 00:34:24 UTC
From: prynda@esu.edu
Message-ID: <2ofemg$9u7@jake.esu.edu>
Source record: 275559

I would like to purchase a new scanner that has .500 to 1 ghtz. I currently own the Bearcat 200xt and use it alot for work and recreation; however, I would like to purchase something a little better. Could someone post some dealers that I can contact. Also, I would like some suggestions on different brands. From reading the info on the net, I like the sounds of the Yupiteru MVT 7000 and AR 1000.

Thanks for
the info

Sam P.

2606. Rat Shack models

Newsgroup: rec.radio.scanner
Date: 1994-04-13 01:36:01 UTC
From: douc1950@mach1.wlu.ca
Message-ID: <Co6CG1.LxK@mach1.wlu.ca>
Source record: 275561

Can anyone provide some insight into the pros/cons of the Radio Shack scanners that are on sale this month, particularly the ones cheaper than the Pro-43?

--
==========
Jason Doucette | "Interesting device. Yessir... | Opinions above are
douc1950@mach1.wlu.ca | Cerebus only hopes for your | too confusing to be
Department of Physics | sake that it tastes good too." | those of somebody

2607. Orlando, Florida

Newsgroup: rec.radio.scanner
Date: 1994-04-13 02:11:09 UTC
From: warden@hotcity.COM
Message-ID: <warden.1i6c@hotcity.COM>
Source record: 275562

I am going to Orlando, Florida and I have a scanner. I was wondering if any of you communication people would know any freqs for Orlando Florida....

Thanx
warden@hotcity.com

2608. Re: Morse code type signals heard?

Newsgroup: rec.radio.scanner
Date: 1994-04-13 02:27:36 UTC
From: snorris@harp.aix.calpoly.edu
Message-ID: <1994Apr13.022736.132540@zeus.aix.calpoly.edu>
Source record: 275563

In article <12APR94.00401217@nauvax.ucc.nau.edu>,
<drr1@nauvax.ucc.nau.edu> wrote:
>I frequently hear morse-code type signals while listening to police and fire
>frequencies.
>At first I thought they were MDT messages. But recently I heard an operator
>say that she was going to send an MDT message, and then a few minutes later the
>officer said he got the message. In between the 2 transimissions I didn't here
>anything.
>
>Does anyone know what these tones are?
>
>Thanks,
>Dennis
>
>
>-----BEGIN PGP PUBLIC KEY BLOCK-----
>Version: 2.3a
>
>mQBNAi2pAy4AAAECANQTUNloJYfn1Ux+8Ms1/vC5eIErIfER0+YWTmRITx+zdRVv
>iRn7oCYVV1KtgUtFrGKgcwH/BaoQTwtfWx3dB8EABRG0LURlbm5pcyBSLiBSaWNl
>LCBKci4gPGRycjFAbmF1dmF4LnVjYy5uYXUuZWR1Pg==
>=4krq
>-----END PGP PUBLIC KEY BLOCK-----

It's probably just the police repeater ID. Most repeaters use morse code,
but some of the new amateur radio repeaters now have voice ID.

Sean Norris snorris@trumpet.aix.calpoly.edu
--KE6BTE-- Electronic Engineers do it with less resistance.

2609. Re: CB causing scanner interference...

Newsgroup: rec.radio.scanner
Date: 1994-04-13 05:15:20 UTC
From: wrt@eskimo.com
Message-ID: <Co6MLt.IKt@eskimo.com>
Source record: 275564
Cross-posted to: rec.radio.scanner,rec.radio.cb

In article <94102.085415DCS4@psuvm.psu.edu>,
Dave Shaffer <DCS4@psuvm.psu.edu> wrote:
>I have an old Cobra CB radio in my car that I use very infrequently.
>
>I have noticed recently that when I turn on the CB radio on channel
>19, it stops my BC100xlt scanner (with an external antenna) on a
>state police frequency, 155.910 I believe.
>
>What causes this? Is there anything I can do to eliminate the
>problem, short of not having both on at the same time?
>
>- Dave

You didn't say whether you were transmitting or just receiving on the CB, but what is happening is a harmonic of one of the oscillators happens to be 155.910. You can't stop the harmonic from being generated (without modifying the rig), but you can keep it bottled up inside the CB. There are two main paths for stray frequencies to get in or out: The antenna and the power cord. What you need is a low-pass filter in the antenna coax, and a low-pass filter for the DC power cord. Both of these items are widely available at any ham radio supply store. Just be sure you get a coax filter which has a cut-off frequency higher than the CB frequencies. Lots of them are made with a 30 MHz cutoff, which is just right. As for the DC cord filter, just tell them what kind of rig and that it's for the DC cord, and they will know what to recommend.

There is a third possibility which must be pretty rare, but I'll mention it just to have all bases covered. The microphone cord could possibly be picking up the harmonic inside the radio and then acting as an antenna. I've never actually seen or heard of this happening, but the easy way to find out if that's the source is to unplug it momentarily and see if the interference disappears. Probably, it won't, but if it does, you will need to open up the radio and install some small capacitors from each wire to ground. About 100 pf or so should do. Install them inside the radio - don't try to add them outside or on the mike itself.

This should take care of the problem unless the CB is generating a really strong harmonic - there's only one way to find out.

Good luck!

Bill, W7LZP

2610. Re: Digital!!Scanners obsolite?

Newsgroup: rec.radio.scanner
Date: 1994-04-13 06:19:01 UTC
From: phn@dde.dk
Message-ID: <1994Apr13.061901.18507@dde.dk>
Source record: 275565

>kevin jessup (kevin.jessup@mixcom.mixcom.com) wrote:

> In 15 years (maybe 10) scanning will be dead and buried. Better
> study up on digital modulation techniques and pick up a good book
> on cryptography if you want to hear anything! ;-))

Cellular reception here in Europe is rapidly becoming impossible
by the growth of the GSM cellular net. It is fully digital and
encrypted and prices are almost the same (at least here in Denmark) as
the on the old analogue nets.
--
Per H. Nielsen Telephone: Int +45 42 84 50 11
Basic Applications Fax: Int +45 42 84 52 20
Dansk Data Elektronik A/S, Herlev, Denmark E-mail: phn@dde.dk

2611. Police, Fire, and EMS Frequencies in Atlanta?

Newsgroup: rec.radio.scanner
Date: 1994-04-13 07:34:29 UTC
From: kevin@comlab.gtri.gatech.edu
Message-ID: <2og7a5$fl8@news.gatech.edu>
Source record: 275571

I recently bought a BC 200xlt scanner in Atlanta and am looking for
frequencies to monitor in my area. I have found a few police frequencies
between 460.025 and 460.500, but I am not having any luck with fire or
EMS. Does anyone have a list of these for Atlanta?

Either a posting or email is fine. Thanks!

Kevin
--
Kevin C. Hawkins
gt2607a@prism.gatech.edu

2612. Re: Cheap Scanner & Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1994-04-13 09:10:00 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.134.00092AFF@ccm.hf.intel.com>
Source record: 275477

In article <shawnlgCo63ns.LC9@netcom.com> shawnlg@netcom.com (Shawn Gordhamer) writes:

>I sold my scanner about 5 years ago, because there wasn't anything
>interesting to scan in my small town. Cellular phone calls sound
>interesting, so I'd like to get another cheap scanner that can be
>modified to scan cellular calls, or get a device that'll move the
>frequencies of the cell band into another band. I'm new to the news
>group, so I haven't seen much background on this.

>I heard of a device that can be screwed on the antenna of a handheld
>scanner. This sounds handy. Any ideas?
>--

GRE makes the Super Converter II, that goes between the scanner and antenna. The downside of these is that the channel spacing will not be 30KHz as needed. When using these you tune the 400 - 512 MHz range on your scanner, and the device converts this to 800-912Mhz. Most cheap scanners default to 12.5KHz steps in the 400-512 MHz range. The other downside of these is that strong 400 - 512MHz signals will leak through, so sometimes you are not sure what you are listening to. I had the original Super Converter (back when they cost $49!!) and it worked fine for monitoring trunked systems.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2613. Re: Virtual channels on trunk frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-13 09:22:03 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.135.00095E61@ccm.hf.intel.com>
Source record: 275478

In article <2ofdpa$nac@lace.Colorado.EDU> sternk@alumni.cs.Colorado.EDU (Kenneth Stern) writes:

> While listening to the input frequencies of Denver's PD/FD, I
>will sometimes hear someone talk about going to channel x-and-such. Since
>this is a trunk system, I was wondering how this is possible.
> Is there a way to tell the trunking computer to create a virtual
>channel? Do trunk hand-held radios know how to switch to a simplex
>frequency?
> Being that I am at work, I have not been able to turn up my
>scanner to determine if I can recognize the person's voice who announced
>they were going to channel x-and-such after the announcement.
> Anyone have any information on this?

I know that Motorola trunked systems have a privacy mode where two users can grab a repeater for themselves, that no one elso can monitor. The conversation will sound just like any other to the scanner listener. Another possibility is that the system has a channel designated for chatting that they can switch to, but others could also switch to this channel, so its not private. Also, some of the high-end radios have the feature to actually use simplex. This is a feature so that in the event of the repeaters or controller going down, they can still use their radios. I would be surprised if this was what was happening in your case though.

While I'm on a roll here, let me add that another feature used by police is a "capture" feature. They can press a button and hold a repeater so it will always be available. In a busy system, it could be very dangerous if the cop was in danger and got a busy signal when he tried to key his radio. This feature holds a repeater for his channel only so it will be available in an emergency.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2614. Harrisburg Pa Frequency

Newsgroup: rec.radio.scanner
Date: 1994-04-13 09:35:38 UTC
From: gtenedios@shrsys.hslc.org
Message-ID: <13APR94.04353805@shrsys.hslc.org>
Source record: 275568

I live in the Danvi area. Is there anyone on the net who may have local frequencies and know of any local scanning clubs?

thank you,

Gtenedios@GEISINGER.EDU

2615. Yupiteru 7100 - interested in experiences of UK users

Newsgroup: rec.radio.scanner
Date: 1994-04-13 10:17:48 UTC
From: yc23@uk.co.gec-mrc
Message-ID: <4279@mrcu>
Source record: 275569

I'd be interested in hearing the experiences of owners of Yupiteru
7100 receivers. Does it do what you expected - any problems in any bands
- are you happy with your purchase...?

Trevor Wright
--
Trevor Wright,Computer Resources | Tel: +44 245 473331 x 3224 + Answerphone
GEC-Marconi Research Centre | Fax: +44 245 475244 or 478639
GEC-Marconi Ltd, Great Baddow | uucp: <world>!uknet!gec-mrc!wright
Chelmsford,Essex. UK CM2 8HN | Other: wright@gec-mrc.co.uk

2616. anything about AOR3000

Newsgroup: rec.radio.scanner
Date: 1994-04-13 11:22:47 UTC
From: terminat@toicg3.to.infn.it
Message-ID: <9404131122.AA12098@toicg3.to.infn.it>
Source record: 275570

I have an AOR3000 and would like to exchange comments
such as comparisons with other models, interfacing, infos on mods/upgrading,
if any, etc.
As I'm new of the list, forgive me if the topic has already been covered
in past; in case, I would appreciate very much appropriate references.

Thanks in advance, Virtually Enrico Segre

2617. BC8500 for sale

Newsgroup: rec.radio.scanner
Date: 1994-04-13 13:00:56 UTC
From: gregg@plains.nodak.edu
Message-ID: <gregg.205.2DABED08@plains.nodak.edu>
Source record: 275573

I have a Uniden Bearcat 8500 tabletop scanner for sale. It is in excellent condition, with the box, manual, power supply, etc.

$300 plus shipping

Email replies.

Joe
****
Joseph M. Gregg
Internet: Gregg@Plains.NoDak.edu
Packet: KN0A@W0ILO.#SEND.ND.USA.NOAM
LL: 701-588-4427
****

2618. Freqs in MADRID. Spain.

Newsgroup: rec.radio.scanner
Date: 1994-04-13 13:58:48 UTC
From: Carlos
Message-ID: <1994Apr13.155848.1813@goofy.fi.upm.es>
Source record: 275574

If you like Radio-Scanning and you are in Madrid or Spain, please let
me know.
I would like to talk about some interesting freqs.
I'm looking for freqs.

Internet address
a880044@zipi.fi.upm.es

2619. LoJack Freqs ???

Newsgroup: rec.radio.scanner
Date: 1994-04-13 14:47:26 UTC
From: dscdlwx@gsusgi2.gsu.edu
Message-ID: <dscdlwx.766248446@gsusgi1.gsu.edu>
Source record: 275479

I am looking for information on the LoJack car recovery system. The system is hidden in your car, and when stolen, it is activated by the police, and the police cars are equipped with receivers, that consist of 4 separate antenna. The display in the police car, has a compass type series of lights, and the cops just drive toward the lit light. I was wondering if some ofyou more technical types might have an some ideas about this system
Thanks

2620. Re: anything about AOR3000

Newsgroup: rec.radio.scanner
Date: 1994-04-13 14:54:15 UTC
From: magnet@nRCHs022
Message-ID: <2oh12n$fbf@corpgate.nt.com>
Source record: 275475

Terminator (terminat@toicg3.to.infn.it) wrote:
: I have an AOR3000 and would like to exchange comments
: such as comparisons with other models, interfacing, infos on mods/upgrading,
: if any, etc.

Enrico,

I have recently puchased an AOR 3000. I am still playing with all the features.
So far I like it better than all my other radios as far as funtionality.

Happy scanning!

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

2621. Cel-phone freqs. - what are they?

Newsgroup: rec.radio.scanner
Date: 1994-04-13 15:32:27 UTC
From: Ken_Mudge@SRI.QM.COM
Message-ID: <Ken_Mudge-130494082854@128.18.32.49>
Source record: 275476

Sorry if this really belongs in the FAQ file, but what are the freqs assigned to cellular phones? I have an Icom R1 and am trying to see how well it works.

I'm in the SF bay area.

Thanks!

Please respond via E-mail at work.

Ken

E-Mail at work: Kenneth_Mudge@qm.sri.com
E-Mail at home: Ksquared2.aol.comm
Vox (days): (415)859-3710

2622. Re: long-lat for calif

Newsgroup: rec.radio.scanner
Date: 1994-04-13 16:26:18 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.139.001070B8@ccm.hf.intel.com>
Source record: 275492

In article <94103.111834VAL@SLACVM.SLAC.STANFORD.EDU> <VAL@SLACVM.SLAC.STANFORD.EDU> writes:

>Looking for long-lat information about California in some
>detail. In either computer or book formats.

>Val
>val@slacvm.slac.stanford.edu

One way is to get topo maps. These usually have long. & lat info on them.
You can try the USGS in Menlo Park on Middlefield Rd. accross from the
fire station, just before you enter Palo Alto.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2623. Re: long-lat for calif

Newsgroup: rec.radio.scanner
Date: 1994-04-13 16:28:25 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.140.001079C2@ccm.hf.intel.com>
Source record: 275493

In article <94103.111834VAL@SLACVM.SLAC.STANFORD.EDU> <VAL@SLACVM.SLAC.STANFORD.EDU> writes:

>Looking for long-lat information about California in some
>detail. In either computer or book formats.

>Val
>val@slacvm.slac.stanford.edu

I almost forgot. If you have telnet access, there is a long & lat server at 141.212.99.9 3000

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2624. Re: Pro-43 vs. Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-04-13 16:50:31 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Apr13.115031.2205@hnrc.tufts.edu>
Source record: 275505

In article <1994Apr9.042249.12426@ohsu.edu>, holmanji@ohsu.edu (Jim Holman) writes:
>
> I'm thinking about getting either a Pro-43 or a Pro-2006. Other than the
> obvious differences (base vs. portable, etc.) are there any features which
> would weigh in favor of one or the other? I noticed, for example, that
> the Pro-2006 covers some frequency ranges which the -43 does not. But
> is there anything in these other ranges worth listening to?
>

PRO-2006:
You can program 10 search ranges on the 2006 instead of the 1 on the 43.
There is an audio out allowing you to tape without cutting off the speaker.
You can listen to broadcast FM in WFM mode.
400 channels instead of 200.
extended receive mod can be done of a novice . . . asleep . . . in the dark

I have them both. If I could keep only one, I'd go with the 43. I listen to
it much more often because of its portability. (I wish the 2006 had a remote
for changing channels! But, even then, I'd still go with the 43.)

2625. Books

Newsgroup: rec.radio.scanner
Date: 1994-04-13 16:51:27 UTC
From: (unknown)
Message-ID: <1994Apr13.165127.2850@erenj.com>
Source record: 275480

As someone new to the area, are there one or two very good books listing frequencies (other than RS's Police Call) available? I haven't been able to pin down all that much to listen to with the new toy which I assume is due to scanning the wrong bands. Thanks in advance!

2626. INMARSAT

Newsgroup: rec.radio.scanner
Date: 1994-04-13 17:57:39 UTC
From: lee@tosspot.sv.com
Message-ID: <sqFqkc1w165w@tosspot.sv.com>
Source record: 275481
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Hi!

I've become a regular INMARSAT listener - two questions have arisen
from this:

1. Anyone have any schedules for AFRTS?

2. I've been busy profiling the bird and have a fair part of it's
activity mapped - does anyone have a formal layout of the thing's
channelization? (There're some channels which obviously carry only
data, but I can't tell if it's satellite telemetry, relay of
data from elsewhere or just housekeeping for the voice channels!)

If you should reply, please email me directly as well as posting to
the group. <lee@tosspot.sv.com>

Thanks,
Lee.

2627. 800 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-04-13 17:59:25 UTC
From: sd2498@albnyvms.bitnet
Message-ID: <1994Apr13.175925.25846@sarah.albany.edu>
Source record: 275482

What frequency range should I be searching for in the 800+ area for cellular.
Thanks
---Steve

2628. Re: how do you monitor police 800mhz systems??

Newsgroup: rec.radio.scanner
Date: 1994-04-13 18:11:10 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2ohcju$ev1@slinky.cs.nyu.edu>
Source record: 275483
Body handling: HTML body converted to readable text

In article , brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
|> In article b (b) writes:
|>
|> >How do you monitor the police when they're using one of those 800mHz
|> >trunked systems? I just bought a new scanner in addition to my Ham gear to
|> >monitor the police but am having no luck. Tnx Keary
|>
|> You program in all the frequencies, lock out the control channel(s), use no
|> delay, and keep your finger on the "scan" button. A busy trunked system with
|> more than 5 frequencies, is very difficult to monitor. You just have to be
|> able to identify the voices so you know which conversation to stop on. Not
|> much fun!
|>
|>
|> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
|> Intel Corp.
|> American Fork, UT

Now, come on Brett! :-) If you can find the groups and the hop sequence, trunked systems aren't that bad. Well, let's just say not so gruesome.

In New Jersey, they use Motorola's System 9000. They have a slew of channels (about 40 just for the trunked network, I believe), but there is a pattern. Look at the frequencies and try to pick out groups. In New Jersey, all of the frequencies that end in .4625 and .9625 belong together for instance. Pretty obvious, two sets of 1MHz spread channels, with each set separated by .5MHz.

Try listening at 8:00pm on a Sunday night. Enter every single trunked freq you have listed for an agency. Listen for a progression of transmissions that seem related. By listening then, it should be pretty boring, so you'll be able to follow the channel hops no matter how many you have entered. It could be something as simple as "453 to Headquarters" on one channel followed by "453." [seemingly in response] on a different one. Take down the channel numbers you have them programmed into, not the frequency. Only take the channel numbers down when you are positive about the call/reply and you can write both channels down.. not, "well, this is 86, and I think the original was on 114." It took me a few weeks of listening at dead times before I learned the sequence.

Now, these are logical frequency groups. It's quite probable that there are logical subgroups within those frequency groups. That's where you'll need the SCAN button. But only if you hear something that you absolutely want to follow.

I guess we're lucky in New Jersey since a channel hop only takes place if the carrier is dropped between transmissions AND data isn't broadcasted in with voice. The channels all sound like "normal" frequencies, it's just that the conversations are all jumbled up.

The general gist of NJSP's call sequence is, start with the highest entry of one of two frequency sets that make up a frequency group. The channel hops go down by 1MHz until the bottom is reached. The next reply comes in at the top of FREQUENCY GROUP PARTNER'S SET. Suppose you have A.4625, B.4625, C.4625, D.4625 and A.9625, B.9625, C.9625, and D.9625 with A through D being ascending progression. A transmission on D.4625 will get answered on C.4625 and so on through A.4625. Then that transmission will get answered on D.9625. The
^^^^
progression then continues through A.9625 which will of course get answered on D.4625. Down and switch, down and switch.

Point: You never know what you can turn up. Have faith.
--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

2629. Re: Sacramento CA frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-13 18:45:02 UTC
From: cvfields@aol.com
Message-ID: <2oheje$5ed@search01.news.aol.com>
Source record: 275484

In article <2o76ff$q1r@search01.news.aol.com>, strech1@aol.com (Strech1) writes:

Many thanks...

2630. Re: Sacramento CA frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-13 18:47:04 UTC
From: cvfields@aol.com
Message-ID: <2ohen8$5ff@search01.news.aol.com>
Source record: 275485

In article <vector.1hz1@hotcity.COM>, vector@hotcity.COM (Greg Stramback)
writes:

I'm CVFields@aol.com

Many thanks in advance for any help you can provide!!!

2631. Re: BC 170 problem

Newsgroup: rec.radio.scanner
Date: 1994-04-13 18:56:02 UTC
From: cvfields@aol.com
Message-ID: <2ohf82$5iq@search01.news.aol.com>
Source record: 275487

In article <2o7ap2$fc6@usenet.INS.CWRU.Edu>, du826@cleveland.Freenet.Edu (Thomas A. Nagel) writes:

If it is the same as my BC855 just go to an unused channel, put in the lower limit you want to scan and press limit, then put in the upper limit and press limit again. Then press search and the scanner will search between the two limits. If you hear something you want to continue to listen to, then press hold and it will stay on that freqency until you press search again.

Good luck...

2632. long-lat for calif

Newsgroup: rec.radio.scanner
Date: 1994-04-13 19:18:34 UTC
From: VAL@SLACVM.SLAC.STANFORD.EDU
Message-ID: <94103.111834VAL@SLACVM.SLAC.STANFORD.EDU>
Source record: 275486

Looking for long-lat information about California in some
detail. In either computer or book formats.

Val
val@slacvm.slac.stanford.edu

2633. Re: Books

Newsgroup: rec.radio.scanner
Date: 1994-04-13 20:05:19 UTC
From: eclafl1@umbc.edu
Message-ID: <2ohj9vINNo05@umbc8.umbc.edu>
Source record: 275488

In article <1994Apr13.165127.2850@erenj.com>, N <> wrote:
>As someone new to the area, are there one or two very good books listing
>frequencies (other than RS's Police Call) available? I haven't been able
>to pin down all that much to listen to with the new toy which I assume is
>due to scanning the wrong bands. Thanks in advance!

There are two other widely available books out there that will serve the New Jersey and surrounding areas fine. The first is Betty Bearcat, which is available at most Uniden/Bearcat scanner dealers. The other option is Monitor America, which is much more comprehensive (and expensive). I am not sure who would carry it in New Jersey, but you could probably find out by calling the publisher (SMB Publishing @ 800-722-6701).

****
ERIC CLAFLIN EMT-P, NICS, PHTLS ***** " It seems there is nothing
UNIVERSITY OF MARYLAND EMSS ***** in this world that binds,
SHOCK TRAUMA RESUSCITATION UNIT ***** When you're trying to find
<<< green bay packers >>> ***** your place in the line. "
<< eclafl1@gl.umbc.edu >> ***** -JUDE COLE
**********^^^^^**********

2634. What's a PRO-2004 in great shape worth?

Newsgroup: rec.radio.scanner
Date: 1994-04-13 20:56:34 UTC
From: crisp@ecsvax.uncecs.edu
Message-ID: <1994Apr13.205634.28755@ecsvax.uncecs.edu>
Source record: 275495

```
--
Russ Crisp, Systems Analyst | Ham Call: KA4UXZ
Western Carolina University | BITNET: crisp@wcuvax1.bitnet
Business Affairs Division | Internet: crisp@wcu.edu
Room 311-A, HFR Building | Voice: (704) 227-7003
```

2635. Convict tracker freqs?

Newsgroup: rec.radio.scanner
Date: 1994-04-13 20:57:54 UTC
From: reid@ucs.indiana.edu
Message-ID: <reid.714.766270674@ucs.indiana.edu>
Source record: 275489

Yesterday on NPR (National Propaganda Radio) I heard an article about radio devices that some convicts on probation (?) are required to wear, to monitor their movements. What frequencies do they use? What do they sound like?

--

Frank reid@ucs.indiana.edu W9MKV

2636. Re: Scanner Buff Data base Shareware

Newsgroup: rec.radio.scanner
Date: 1994-04-13 21:42:04 UTC
From: daiv@iglou.iglou.com
Message-ID: <1994Apr13.214204.17738@iglou.com>
Source record: 275490

cjs9@cornell.edu (Carl Steckler) writes:

>For a couple of years now I have been using Scanner Buff, a data base
>shareware program by BoB Ricci. For the most part it works pretty well and
>has some good features. However there are a few bugs still in the system and
>BoB has droped out of sight (or at least I no longer know how to get in
>toutch with him).
> My questions are: 1- does anyone know of another data base program
>for pc that is designed for scanners or; 2- does any one know how to get in
>toutch with Bob Ricci?
> If you have answers to either of these questions please email me at
>cjs9@cornell.edu
> thanks
> Carl (EX-Jarhead) Semper Fi

Does anyone know where I can get a copy of this Scanner Buff software?

--
Daiv Stoner || A day without sunshine is like...
daiv@iglou.com || night.

2637. Re: Pro 39 vs Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-04-13 22:21:37 UTC
From: clayj@herald.indirect.com
Message-ID: <clayj.22.004312B6@herald.indirect.com>
Source record: 275501

In article <2oecir$kft@watnews1.watson.ibm.com> vinod@watson.ibm.com (Vinod Narayanan) writes:
>From: vinod@watson.ibm.com (Vinod Narayanan)
>Subject: Pro 39 vs Pro 43
>Date: 12 Apr 1994 14:52:11 GMT

>What are the differences between the above scanners? I am
>thinking of getting my first scanner, the guy at the
>RS couldn't provide much information..

>Also, they had a new scanner with 800 MHz (Pro 27?) for
>around $120. Any info/opinions on these? (It has only
>50 channels..)

I have a Pro-39 and I modified it to open up all the 800MHz freqs. I think the Pro-43 comes with the 200MHz militarie freqs, but the militaries freqs don't interest me much so I am happy with my Pro-39. The Pro-39 was on Sale last week for $50 off ($249US) and my friend went there a couple days ago (after it was on sale) and the guy said he would still sell it at the sale price. I got mine for $199 about 6 months ago on a sale from RS.

Hope I helped....

--Clay Johnston
clayj@indirect.com

2638. PC Frequency List Program

Newsgroup: rec.radio.scanner
Date: 1994-04-13 22:23:02 UTC
From: kumbach@tibalt.supernet.ab.ca
Message-ID: <2ohrc6$4vf@tibalt.supernet.ab.ca>
Source record: 275491

Does anyone recall if there are any people 'collecting' frequencies and compiling a huge wonderful list for all to enjoy? I'm writing a PC program to manage frequency lists and would like to hear comments on starting a collection of freq's from around the world.

2639. Re: Cellular Notebook Interceptor

Newsgroup: rec.radio.scanner
Date: 1994-04-13 23:46:45 UTC
From: darren@g7lwt.demon.co.uk
Message-ID: <766280805snz@g7lwt.demon.co.uk>
Source record: 275494

Hi Al,

In article <Co5p7F.37Gz@austin.ibm.com> here "Al" writes:

> Anyone know anything about a company that makes a device that's a scanner and a
> notebook computer all built into one unit. It apparently is manufactured in
> England or somewhere, all I know about it is that it exists and is used or
[SNIP]

Excerpt from advert in Intersec Vol 3 No. 4 Sep 1993 (Without permission)

Cellular Monitoring
(for field use)

Tech Support Systems introduces Cellmate. Concealed in a 3 inch Halliburton
attache is a modified Panasonic cellular phone, a professional recorder and a
DTMF decoder. Cellmate has two monitor functions: General and Specific
Monitoring. Both functions allow tracking a call as it transfers cells.
Cellmate is capable of many functions. Write or call for a complete brochure.
SOLD TO QUALIFIED CUSTOMERS ONLY
I wonder what this ^^^^^^^^ could mean ..... :-)
TECH SUPPORT SYSTEMS
27 Old Woods Hill 540 Weddel Drive
Torquay Suite #1
Devon Sunnyvale CA 94809 USA
United Kingdom Tel:(408) 734 9436
Tel: +44 803 316191 Fax:(408) 734 9437

Regards

Darren
--
Darren Storer
Tel: +44 61 773 3886 Internet: darren@g7lwt.demon.co.uk
Fax: +44 61 773 3446 AX25: G7LWT@GB7BEV.#16.GBR.EU

2640. Re: 800 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-04-14 03:00:48 UTC
From: hhansen@mason1.gmu.edu
Message-ID: <2oibl0$310@portal.gmu.edu>
Source record: 275496

sd2498@albnyvms.bitnet wrote:
: What frequency range should I be searching for in the 800+ area for cellular.
: Thanks
: ---Steve

Rather, your question should be: What range in the 800 area should you be
avoiding so as not break any laws. And the answer would be 869-895.

--
_/_/_/ _/_/ _/_/ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
_/ _/ _/ _/ _/ _/
_/_/_/ _/ _/ The future is now...
_/ _/ _/ _/ _/
_/ _/_/ _/_/ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

2641. Re: Beyond Police Call?

Newsgroup: rec.radio.scanner
Date: 1994-04-14 03:11:40 UTC
From: mpage@netcom.com
Message-ID: <mpageCo8BJH.Cpw@netcom.com>
Source record: 275499

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: The latest Police Call has a full page announcement near the front for "Beyond
: Police Call", available this month. Has anyone seen it? Will RS carry it?
: Price?

: Thanks.

I had lunch with Gene the other day and had a chance to see the draft copy of
"Beyond Police Call" It is over 400 pages of great stuff. It really covers
everything that is NOT covered in "Police Call". I am not sure of the exact
price that it will be, but you can bet that Gene has kept it as low as
possible. It WILL be carried by Radio Shack as soon as it is out, which should
be real soon. Hang in there!
--

==
| Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436 | |
|===================================
	MEDIA PAGE
Internet: mpage@netcom.com	Breaking News Stories to
CIS: 71674,1610	the News Media since 1978
==

2642. Re: Alphanumeric Pager Software

Newsgroup: rec.radio.scanner
Date: 1994-04-14 03:18:04 UTC
From: mpage@netcom.com
Message-ID: <mpageCo8Bu5.D5B@netcom.com>
Source record: 275500
Cross-posted to: misc.emerg-services,rec.radio.scanner

Bob Esposito (b1y1m39@kato.BELL-ATL.COM) wrote:
: Does anyone know where I can get software for these pagers?
: i.e. SIDEKICK 2.0, SAMPAGE, PCPAGE, EZPAGE, ALPHAPAGE,
: NOTIFY!

There are two software packages that I use for Alpha-numeric Paging: SnapPage from Mobile Media (used to be MetroMedia Paging) and MMS from MobileComm Paging. Snappage is distributed to any user of MobileMedia and MMS is about $29.00 and can be bought from MobileComm Paging.
--

==
| Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436 | |
|===================================
	MEDIA PAGE
Internet: mpage@netcom.com	Breaking News Stories to
CIS: 71674,1610	the News Media since 1978
==

2643. Re: how do you monitor police 800mhz systems??

Newsgroup: rec.radio.scanner
Date: 1994-04-14 04:09:45 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Apr13.230946.2212@hnrc.tufts.edu>
Source record: 275497
Body handling: HTML body converted to readable text

In article , b (b) writes:
> How do you monitor the police when they're using one of those 800mHz
> trunked systems? I just bought a new scanner in addition to my Ham gear to
> monitor the police but am having no luck. Tnx Keary

See pages 23-24 of Police Call, 'cept maybe in New Jersey where the book has had some info deleted (I don't know if this appears there or not).

2644. Re: IDEA - Single Band Scanners

Newsgroup: rec.radio.scanner
Date: 1994-04-14 04:11:29 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Apr13.231129.2213@hnrc.tufts.edu>
Source record: 275498

In article <brett_miller.132.000E33D2@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
> In article <766176002-0-7404@chop.isca.uiowa.edu> Eric White <ewhite@chop.isca.uiowa.edu> writes:
>
>>Is it time to bring back the single band scanner? The current philosophy
>>seems to be a "one size fits all" radio capable of receiving DC to Daylight
>>frequencies. But that also means compromises.
>
> I agree. Wideband is synonimous with intermod. How about a scanner that has
> "plug-in" RF modules for different bands? The digital control stuff could be
> built in and the user could pop in the band module - complete with filters.
>

Umm, why not build in all the modules?

2645. Re: how do you monitor police 800mhz systems??

Newsgroup: rec.radio.scanner
Date: 1994-04-14 13:06:33 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.141.000D1C5B@ccm.hf.intel.com>
Source record: 275522
Body handling: HTML body converted to readable text

In article <2ohcju$ev1@slinky.cs.nyu.edu> jackson@longlast.cs.nyu.edu (Steven Jackson) writes:

>In article , brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>|> In article b (b) writes:
>|>
>|> >How do you monitor the police when they're using one of those 800mHz
>|> >trunked systems? I just bought a new scanner in addition to my Ham gear to
>|> >monitor the police but am having no luck. Tnx Keary
>|>
>|> You program in all the frequencies, lock out the control channel(s), use no
>|> delay, and keep your finger on the "scan" button. A busy trunked system with
>|> more than 5 frequencies, is very difficult to monitor. You just have to be
>|> able to identify the voices so you know which conversation to stop on. Not
>|> much fun!
>|>
>|>
>|> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
>|> Intel Corp.
>|> American Fork, UT

>Now, come on Brett! :-) If you can find the groups and the hop sequence,
>trunked systems aren't that bad. Well, let's just say not so gruesome.

Thanks for the info, I did make some assumptions about already knowing which frequencies are in use, but I have never monitored a trunked system with more than 10 channels, so the hopping info is news to me. I figured it was random.

FYI General trunking assignments are made in 5 channel blocks, separated by 1MHz. So the first set might be 861.2375, 862.2375, up to 865.2375 The next block might be 861.5375, 862.5375, up to 865.5375. Often the 5 channel blocks have some association in the system, such as some agencies only use one 5 freq. block. This makes things a little easier to monitor.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2646. Re: sites

Newsgroup: rec.radio.scanner
Date: 1994-04-14 13:12:24 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.142.000D354C@ccm.hf.intel.com>
Source record: 275523

In article <2o98io$ho8@inferno.mpx.com.au> bushland@jolt.mpx.com.au (Edward Hodgson) writes:

>if someone could mail me some ftp sites i would be most pleased as i'm ne
>on here and there are not too many here in australia.
>thnks..
>ed

ucsd.edu 128.54.16.1 /hamradio
nic.funet.fi 128.214.6.100 /pub/ham
csseq.cs.tamu.edu 128.194.2.20 /ham-radio
suntan.tandem.com 130.252.10.8 /hamradio
col.hp.com 15.255.240.16 /packet
talos.cs.buffalo.edu 128.205.32.9 /pub/ham-radio
bubba.business.uwo.ca 129.100.22.42 /hamster/ham
/hamster/tcpip
/hamster/mods
/hamster/view
vax.cs.pitt.edu 130.49.2.1 /pub/arrl8
/pub/ka9q
/pub/ncpa
/pub/tnc2
brolga.cc.uq.oz.au 130.102.128.5 /pub/ka9q
tomcat.gsfc.nasa.gov 128.183.10.100 /public
helios.tn.cornell.edu 128.84.241.2 /pub
wuarchive.wustl.edu 128.252.135.4 /mirrors/msdos/hamradio
/mirrors/msdos/packet
/mirrors/msdos/ka9q-tcpip
/mirrors/cpm/hamradio
/mirrors/cpm/packet
/mirrors/misc/hamradio
/mirrors/misc/packet
/mirrors/misc/ka9q-tcpip
gatekeeper.dec.com 16.1.0.2 /pub/net/ka9q
sun.soe.clarkson.edu 128.153.12.3 /pub/ka9q
sics.se 192.16.123.90 /archive/packet
/pub/packet-incoming
sabrina.dei.unipd.it 147.162.2.106 /pub/hamradio
uhunix2.uhcc.Hawaii.Edu 128.171.44.7 /incoming/ham-radio
caticsuf.cati.csufresno.edu 129.8.100.15 /pub/ham-radio
ftp.waseda.ac.jp 133.9.1.32 /pub/toumon/ham-radio
garfield.catt.ncsu.edu 152.1.43.23 /pub/hamradio
plan9.njit.edu 128.235.1.10 /pub/hamradio
sunee.uwaterloo.ca 129.97.128.196 /pub/radio
grivel.une.edu.au 129.180.4.7 /pub/ham-radio

uxc.cso.uiuc.edu 128.174.5.50 /pub/ham-radio
iraun1.ira.uka.de 129.13.10.90 /pub/ham-radio
nic.switch.ch 130.59.1.40 /software/hamradio
/software/mac/ham-radio
iesd.auc.dk 130.225.48.4 /ham-radio
akutaktak.andrew.cmu.edu 128.2.35.1 /aw0g (softkiss-mac)
?????????? 129.69.162.1 /pub (login as ftp
pkt cluster,usa callbook)
gandalf.umcs.maine.edu 130.111.112.21 /pub/ham-radio # ls -l NO !)
rtfm.mit.edu 18.70.0.226 /pub/usenet/news.answers/radio
tamu.edu 128.194.15.32 /pc-sig
ftp.geo.brown.edu 128.148.116.19 /pub/hamradio

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2647. Re: IDEA - Single Band Scanners

Newsgroup: rec.radio.scanner
Date: 1994-04-14 13:24:13 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.143.000D67BB@ccm.hf.intel.com>
Source record: 275524

In article <1994Apr13.231129.2213@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:

>In article <brett_miller.132.000E33D2@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>> In article <766176002-0-7404@chop.isca.uiowa.edu> Eric White <ewhite@chop.isca.uiowa.edu> writes:
>>
>>>Is it time to bring back the single band scanner? The current philosophy
>>>seems to be a "one size fits all" radio capable of receiving DC to Daylight
>>>frequencies. But that also means compromises.
>>
>> I agree. Wideband is synonimous with intermod. How about a scanner that has
>> "plug-in" RF modules for different bands? The digital control stuff could be
>> built in and the user could pop in the band module - complete with filters.
>>

>Umm, why not build in all the modules?

Good point. But I suppose the thing would become quite large. Another issue is that the manufacturers will cheat because they don't like diplicate components in the same box (not cost effective), so they will start combining things and we will wind up with "Uniden-like" scanners again.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2648. Re: LoJack Freqs ???

Newsgroup: rec.radio.scanner
Date: 1994-04-14 13:53:56 UTC
From: wbloss@delphi.com
Message-ID: <hgysizs.wbloss@delphi.com>
Source record: 275502

Franklin Warlick <dscdlwx@gsusgi2.gsu.edu> writes:

>I am looking for information on the LoJack car recovery system. The

Hi Franklin,
A few years ago the frequency 173.075 MHz was reported in USSN to have been allocated for the Lojack system. It would only be data type comms, no voice. I have not verified this frequency, and as far as I know, LoJack is only in use around Boston. I'd think if you find data on this freq and have any more info it would be worth a post to the net.
Gluck

Wally Bloss
WB0BAV
A Human

2649. Info wanted on Radio Shack PRO2004-5-6

Newsgroup: rec.radio.scanner
Date: 1994-04-14 14:01:57 UTC
From: mc@northshore.ecosoft.com
Message-ID: <2ojicl$akn@northshore.ecosoft.com>
Source record: 275503

Can anyone tell me the difference(s) between the Radio Shack PRO 2004, PRO2005 and PRO2006 scanners. Any other information on these three scanners (specs, modifications, tips & tricks, etc) would be greatly appreciated.
Thanks and 73 de KH6KD/W1

Michael Crestohl
mc@northshore.ecosoft.com

2650. Re: Virtual channels on trunk frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-14 14:17:37 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Apr14.141737.23906@alw.nih.gov>
Source record: 275504

Kenneth Stern (sternk@alumni.cs.Colorado.EDU) wrote:

: While listening to the input frequencies of Denver's PD/FD, I
: will sometimes hear someone talk about going to channel x-and-such. Since
: this is a trunk system, I was wondering how this is possible.

The trunked system in Arlington is, from what I can tell, a collection of virtual channels. The police dispatch on what I think is 1A and use 1B for side-discussions (like a TAC channel). The point is that the radios follow whatever real frequency is being used for the "channel" that they are supposed to be using.

Regards,
Neil

p.s. -- the "switching over to 1B" stuff was *really* confusing before I bought a 800MHz-capable radio and was (unknowningly) listening to the 4XXMHz *relay* of the dispatch channel :-).

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2651. Re: DAK

Newsgroup: rec.radio.scanner
Date: 1994-04-14 14:18:39 UTC
From: post1@ID1.AL.ALCOA.COM
Message-ID: <post1-140494091840@132.226.180.23>
Source record: 275430

In article <2oi9vm$agk@deathstar.cris.com>, Aerobins@deathstar.cris.com
(Aaron Robins) wrote:

> Hello... I'm planning a cross country trip from Michigan to Arizona
> and recently I saw an interesting product in the DAK catalog
> Spring '94, on the second page.
>
> It's called the Uniden Beartracker (order #3735)
> It's supposed to scan highway patrol freq's, for
> speed traps, airplanes, and VASCAR operations.
>
I think it would be interesting to know what frequencies they are scanning
to do this so that I could set up my MVT-7100 to perform effectively the
same function without having to buy their product? Anyone know these
repeater frequencies and/or how you would do this?
--
Jim Post

2652. Re: long-lat for calif

Newsgroup: rec.radio.scanner
Date: 1994-04-14 14:30:20 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Apr14.143020.24442@alw.nih.gov>
Source record: 275506

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:

: I almost forgot. If you have telnet access, there is a long & lat server at
: 141.212.99.9 3000

i.e.

martini.eecs.umich.edu 3000

it's better to use the name. The IP number may change but the name usually
won't.

Regards,
Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2653. WANTED Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-04-14 14:43:00 UTC
From: Paul.Brzonkala@f239.n109.z1.fidonet.org
Message-ID: <e4f_9404141302@blkcat.fidonet.org>
Source record: 275517

WANTED WANTED

Looking for a used Pro-43 scanner. I don't need it to have mods done,
but if you've done some, we'll talk...

If you're looking for those extra funds for Uncle Sam...I've got the
solution....sell me your radio....

Leave a 30 second message at (703) 816-7823...I'll call right back
--
|Fidonet: Paul Brzonkala 1:109/239
|Internet: Paul.Brzonkala@f239.n109.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

2654. PSP frequencies - one more time - apology

Newsgroup: rec.radio.scanner
Date: 1994-04-14 14:50:00 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <478_9404150700@rccons.lm.com>
Source record: 275507

*** Answering a msg posted in area REC.RADIO.SCANNER

Note: Mail to your location will not work, always bounces.

Hello berling@reis60.alleg.edu!

11 Apr 94 19:47, berling@reis60.alleg.edu wrote to All:

bae> It seems my clarification didn't make it to Usenet. I
bae> certainly didn't mean any malice or mayhem towards Mr.
bae> Christian. His list was good and did leave out the options. I
bae> posted the list as is because it was given to me by the Chief of
bae> Electronics of PSP, based in Harrisburg (who happens to be a
bae> neighbor).

Your LIST WAS GREAT, I am keeping it on file for future use. The problem I think is that there is MORE THAN ONE radio set up. Why, the 158.760/156.015 pair is most commonly reffered to as ch.32 in my area and used by for both phone patches (which is a waste as they never work) and drug task force by the AG. PSP in my area also has most of the other channels filled with local VHF agencies. There are 3 for Washington county alone.

My list came from a local PSP unit that I was able to get hands on use of, thanks to being a law enforcement officer.

bae> Far be it from me to assume that he was feeding me
bae> information that may not apply to everyone. I didn't intend to
bae> step on any toes - just trying to offer information that others
bae> on the Net might find useful or enjoyable.

Again, your list was GREAT. You didn't step on my toes, I wanted to point out some things that I am aware of with the PSP system in my area. It of course can vary as I said above. When I get asked about PSP I don't consider the PTC system or AG Systems as part of that as very few PSP units have these programmed unless they have a use. These systems are also under the control of other agencies OTHER THAN PSP.

Troop T has the PTC system as their primary frequencies. Troop S, which does the interstates might have the PTC's stuff if they have a turnpike interchange in the area. An example is the PSP Washington Troop S units. There is a toll road in their area PA SR43, so they probably have this programmed in.

How about we work together to maybe get your neighbor to get us BOTH some definitive answers on the PSP system.

I would LOVE to compare your channel use chart from an OFFICIAL source to the one AOSC members in my area & myself have compiled. I would be more than glad to send what I have to you.

Maybe the big problem is my writing style, so if it came off that I had "my toes stepped" IGNORE it!

Rick Christian, AAJP/BSEE
AOSC PA Editor
PCO Peters Twp. PD/TCO Wash. Co. E911
Internet: rccons!aosc_pa@telerama.pgh.pa.us

2655. Re: Hts With Extended Rx

Newsgroup: rec.radio.scanner
Date: 1994-04-14 15:44:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <e50_9404141302@blkcat.fidonet.org>
Source record: 275518

I have an Yeasu FT-470. It can be programmed out of band (keyboard functions) and works very well in the VHF HI and UHF bands. It has no LO band VHF and no 800 capability and only 18 channels on each band - BUT - it can be had fairly cheap and will do double duty if you only want to (sometimes) carry one radio. It will search both VHF and UHF and does have a priority feature. I found mine at a Pawn shop for $250.

--
|Fidonet: Tom Eagan 1:109/239
|Internet: Tom.Eagan@f239.n109.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

2656. Re: Pro 39 vs Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-04-14 15:51:18 UTC
From: jqtaylor@boi.hp.com
Message-ID: <Co9ApI.L0J@boi.hp.com>
Source record: 275508

A TALE OF TWO SCANNERS

~~~~~~
The Pro 39 and the Pro 43: A General Comparison
by John Quill Taylor

~~~~~~

This is a general yet practical comparison between two popular Realistic(TM) Brand portable scanners, the Pro 39 and the Pro 43. This is not an in-depth technical comparison, as these have been written already. This is a comparison from my own experience using both scanners. I've had a Pro 39 for seven months, and a Pro 43 was just acquired recently, so my report is probably biased toward the Pro 39, with which I am more familiar.

Overall Impressions and complaints:
==================================

The Pro 39 & Pro 43 have some major differences and some subtle differences. The subtle differences can be surprising. For example, the beep confirmation tone is about one whole note higher in frequency on the Pro 39 than on the Pro 43! Also, each radio has its own "personal" behavior: the quality (or lack thereof) of its sound, the brightness (darkness?) of the internal lamp, and the ease with which you can read (or not read) the LCD display, all vary between one radio and another, even of the same model!

In MANUAL mode, both radios have a STANDBY feature that allows the scanner to consume less power, Both radios go into STANDBY mode after about 5 seconds. The STANDBY circuit produces and audible thump in an external speaker. When using an AC adapter (either charging or powering), an audible hum is heard when using an external speaker.

What's GOOD about BOTH the Pro 39 & the Pro 43:
==

Both of these radios share the same small footprint (more like thumbprint!). They use the same battery pack (6 AAs), AC and DC adapters (9V), and have a similar look and feel, including the antenna connector (BNC), earphone connector (1/8"), and squelch and volume knobs. Both radios can be modified to restore full 800 MHz coverage, and modifications exist to eliminate the beep and improve the sound.

What's BAD about BOTH the Pro 39 & the Pro 43:
===

Although a modification exists to defeat the beep confirmation tone, a switch to enable or disable it would have been nice. The sound of the beep

when using headphones or an external speaker is quite obnoxious, but the beep is somewhat useful during programming, since the buttons are rather small.

The belt clip is a piece of trash. Granted, it only costs a dollar to replace (at Radio Shack); I've spent three dollars more than I care to have spent on this weakly designed part. Luckily, its failures have not caused any damage to the radio itself, a very real possibility.

The internal speaker's in both radios suck.

On my Pro 39, I once was removing the batteries while the power was on, and I lost all the frequencies! I am unsure whether this can happen to the Pro 43, but I recommend turning the power off before taking the battery pack out and leaving it off until the pack is securely in place.

When in PRIORITY mode, the scanners often "leap" from a frequency with a solid carrier. Also, during the "sampling" of the priority channel, the radio often "misses" a pressed button, requiring you to press it again. These little "bugs" occur also on the Pro 2006.

What's GOOD about the Pro 39:
==========

The Pro 39 has a lower price.

The Pro 39 has a much easier to read LCD, at least on the radios I have seen. I returned my first Pro 43 because the display was hardly readable.

The Pro 39 uses less than half the current drain as compared to the Pro 43 (according to published specifications). This was my initial reason for getting a Pro 39 versus a Pro 43. Where does all that power go in the Pro 43? Is it the triple conversion? Is it the triple conversion? Is it the triple conversion? Who knows?

While the internal speakers are awful in both models, my Pro 39 has a much better sound. It is, in a quiet room, even "listenable." The Pro 43 speaker "cracks up" (this may be the fault of the audio amplifier, since both radios perform well with headphones or an external speaker).

The general "behavior" of the Pro 39 seems a bit more "positive" to me, although I have owned this radio much longer than my Pro 43. When scanning, pressing LOCKOUT works immediately on the Pro 39, while it seems to hesitate a brief moment on my Pro 43.

What's GOOD about the Pro 43:
==========

The Pro 43 has a few extra front panel features that are nice, like an AM/FM button. The Pro 39 "assumes" AM mode in certain frequency ranges, and this mode cannot be "overridden" with a button like the Pro 43.

The Pro 43 scans in both directions, from lower to higher channels (default "wakeup" mode, like the Pro 39) and also from higher to lower channels.

This is a subtle but very handy feature that allows you simple way to "bounce" back and forth between two closely spaced "hot" frequencies.

The Pro 43 features triple conversion (versus double on the pro 39). I didn't think this was a big deal, especially if you live in a "little" town like I do, and I still don't think it's a big deal if all you do is scan the programmed channels. Where triple conversion pays off is during searches, but since neither radio has "frequency lockouts" during search mode, both radios will "hang" on dead carriers, birdies, etc. during searches.

The Pro 43 has a shorter antenna (about 1/2" shorter). It is also narrower (about 1/8" narrower).

The Pro 43 "remembers" the channels without batteries, although many times I have left my Pro 39 on all night (after the batteries expired) and the frequencies were still there. Maybe I am just lucky.

The Pro 43 has better frequency coverage (see the Radio Shack Catalog).

The Verdict:
==========

The Pro 39 is less expensive but it only uses double conversion. The Pro 43 uses triple conversion, and yet it uses more power, has a more difficult to read LCD, and sounds worse using the internal speaker. While some great discounts can be had on both of these radios, I strongly recommend holding and operating both radios side by side before buying, and, if I had to do it again, I would buy them in person, since it appears that each radio varies in its LCD display and sound quality.

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Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 430 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

2657. Re: Mobile Scanner use in Canada

Newsgroup: rec.radio.scanner
Date: 1994-04-14 16:52:47 UTC
From: ad460@FreeNet.Carleton.CA
Message-ID: <Co9DK0.JoA@freenet.carleton.ca>
Source record: 275509

In a previous article, swilkins@isle.waterloo-rdp.on.ca (Scott Wilkins) says:

>Does anyone out there know if it is legal to use a scanner in a car?
>Whether it makes a difference if it's mounted/hand held

The following was extracted from an on-line information section of
Ottawa's Freenet that is supplied by the Spectrum Management Program of
Industry Canada. Since it is a pilot in Manitoba, much of the information
is specific to Manitoba, hence the Manitoba Highway Traffic Act reference.
I am not aware of any similar restrictions in the other Canadian
provinces, but would be interested in an updates others could provide.

The Computer Says:
The use of scanners to receive radio transmissions is not illegal. However, no
person is allowed to reveal the information that is received, or to use the
information for personal gain, without the permission of the originator. You
should also be aware that in the Highways Traffic Act for Manitoba, there is a
regulation prohibiting the use of scanners capable of receiving police
transmission in vehicles. The Criminal Code has restictions on the use of
information that has been obtained by monitoring radio telephone
communications.

About the Spectrum Management Program

The Spectrum Management Program's mandate is primarily to:

- manage radio use in Canada
- ensure the quality of the radio spectrum
- to have as many users and uses of the spectrum as possible

Industry Canada's mandate in the telecommunications field is
primarily to manage the radio frequency spectrum.
--
David Stremes | President, BYTOWN RAILWAY SOCIETY, Publishers of:
ad460@freenet.carleton.ca | BRANCHLINE, CANADA'S RAILNEWSMAGAZINE
(613) 723-7311 x 453 (work) | and CANADIAN TRACKSIDE GUIDE
Box 141, Stn A, Ottawa, Ontario, Canada, K1N 8V1 or call (613) 745-1201

2658. Uniden BC2500XLT For Sale

Newsgroup: rec.radio.scanner
Date: 1994-04-14 17:20:57 UTC
From: al@qiclab.scn.rain.com
Message-ID: <1994Apr14.172057.24692@qiclab.scn.rain.com>
Source record: 275510
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

Like the title says, I'm selling my BC 2500XLT handheld scanner.
I've debated long and hard, but I guess I don't _need_ it.

This is like new, in the box with books and warranty cards. Includes
case, charger/power supply and antenna. Only thing non-stock is that
I have ENABLED full 800 Mhz coverage (cellular) - so it's better than
new!

Some details - for those who don't know this unit.

400 programable channels
Turbo scan at 100 channels per second
Full coverage from 25-550 Mhz plus 760-1300 Mhz.
Key and "rotary" tuning, as well as search, scan and auto program.
LCD panel with backlight
Internal rechargable battery or runs on included 12V charger.

I think $225 plus shipping is fair..

--
Alan L. Peterman (503)-684-1984 hm & work
al@qiclab.scn.rain.com Tigard, Oregon 97224
As I get older the days seem longer and the years seem shorter!

2659. Re: Virtual channels on trunk frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-14 17:27:06 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2ojuda$p7v@slinky.cs.nyu.edu>
Source record: 275511

|> I know that Motorola trunked systems have a privacy mode where two users can
|> grab a repeater for themselves, that no one elso can monitor. The
|> conversation will sound just like any other to the scanner listener.

That is precisely what NJSP sounds like. "Hey Tommy, go to five." [time]
"Ya here?" My question is, how does trunk control know which car to allow
into the private arena once the requesting car has set it up? In other
words, when Frankie asks Tommy to "go to five", how does the computer know
that Frankie only wants to talk to Tommy and when Tommy keys up? Is it
just a short time frame in which both parties have to hit "5" on their
control heads or what? What if someone wants to snoop? If they just hit
"5", will they block out Tommy if they hit it first?

Questions questions questions..

Steve

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

2660. Re: LoJack Freqs ???

Newsgroup: rec.radio.scanner
Date: 1994-04-14 17:29:54 UTC
From: dmsmith@tacom-emh1.army.mil
Message-ID: <2ojuii$36b@vtc.tacom.army.mil>
Source record: 275512

LOJACK is in use in the Detroit area also. 173.075 Mhz is the frequency I put in my BC200XLT priority channel for several weeks, I did not hear a thing. Detroit (the stolen car capital of michigan) does not have LOJACK in there cars. Some of the burbs no longer use them.

Happy Hunting.

2661. Re: LoJack Freqs ???

Newsgroup: rec.radio.scanner
Date: 1994-04-14 17:34:46 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2ojurm$p7v@slinky.cs.nyu.edu>
Source record: 275513

In article <hgysizs.wbloss@delphi.com>, wbloss@delphi.com writes:
|> Franklin Warlick <dscdlwx@gsusgi2.gsu.edu> writes:

|> and as far as I
|> know, LoJack is only in use around Boston.

Hi Wally,
Not any longer. Watch COPS every so often and you'd be surprised to see
how many episodes there are that show it blinking away on the dash. They've
been in NJ for some years and NYC just got approval about a year ago.

When you see a LoJack-enable cruiser, you think they went antenna-crazy, but
then you notice that they are in a special formation. The one I saw two
days ago was in a square, but I seem to recall seeing them in diamonds before.

Steve

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

2662. Help on Pro-46 Cell Mod

Newsgroup: rec.radio.scanner
Date: 1994-04-14 17:37:18 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2dae1862@f747.n115.z1.fidonet.org>
Source record: 275514

x9> Hello! I need the correct cellular restoration instructions (869-892
x9> Mhz?) for a Radio Shack Pro-46 model scanner. The instructions I used
x9> to modify it locked out the 30-50 Mhz band and moved it to the 68-88
x9> Mhz band which is utilized in foreign countries. Any help or advice
x9> would be greatly appreciated.

Product: Realistic PRO-46 by Radio Shack
Purpose: Restoration of full 800 Mhz coverage

The modification of this unit is from the May, 1993 issue of
Monitoring Times, published by Grove Enterprises.

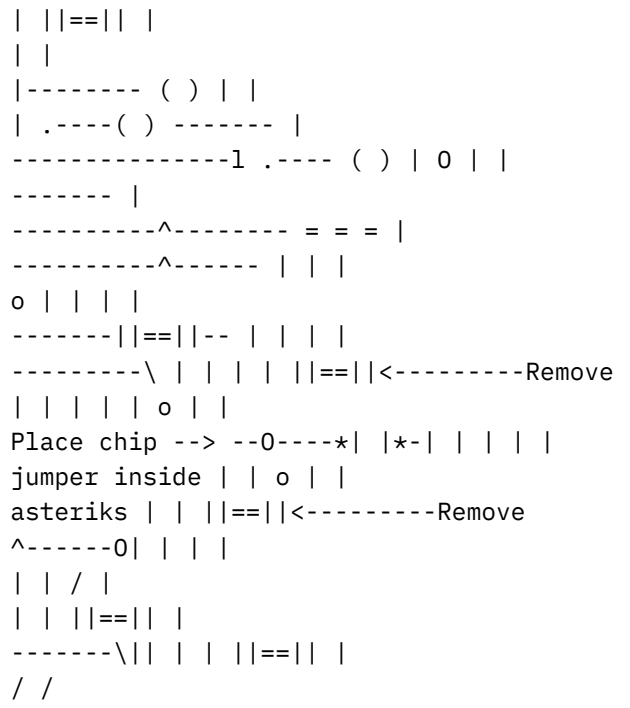
** Disclaimer: All modifications are done at your own risk. This
product uses surface mount components which can be easily damaged.
Do not perform this modification if you are not experienced with
this type of circuitry. This will void the warranty of your scanner.

** Listening to certain portions of the 800 Mhz band is prohibitted
by United States law.

Modification of PRO-46 for full 800 Mhz coverage with 30 Khz stepping
available.

1. Remove the battery pack, battery door and antenna.
2. Remove the four black screws from the back of the radio, then
push upward on the bottom of the rear of the case, carefully
swinging it upward and removing it.
3. Carefully insert a small screwdriver between the two boards
next to the interconnect plug in the lower right corner. Gently
pry the top board up to separate it and set it aside.
4. Unsolder the copper-coated plastic shield from the microprocessor
and set it aside. ** CAUTION!! Too much heat will damage the
shield. **
5. Locate the two chip jumpers imprinted with "0". Carefully unsolder
and remove both.
6. Solder one chip jumper across the two upper most unused solder
pads. (Soldering a jumper across the lower two pads changes the
30-50 Mhz band to 68-88 Mhz.)
7. Reverse steps 1-4. The modification is completed.

```
---------------| -------------
| o----o |
| |
|----------------||==||--o |
IC | |
| ||==|| |
```



Jerry

2663. Virtual channels on trunk

Newsgroup: rec.radio.scanner
Date: 1994-04-14 17:49:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.4282.5773.0N19A6CB@canrem.com>
Source record: 275515

> While listening to the input frequencies of Denver's PD/FD, I
> will sometimes hear someone talk about going to channel x-and-such. Since
> this is a trunk system, I was wondering how this is possible.
> Is there a way to tell the trunking computer to create a virtual
> channel? Do trunk hand-held radios know how to switch to a simplex
> frequency?
> Being that I am at work, I have not been able to turn up my
> scanner to determine if I can recognize the person's voice who announced
> they were going to channel x-and-such after the announcement.
> Anyone have any information on this?
>
> ~Ken

Yes most trunked systems have a 'channel' capability. If your familiar
with fleets (PD would be a fleet and a FD would be another fleet), a
channel would be a subfleet. It hops around like anyother trunking
'channel'. For instance, detectives might operate on one channel while
still being part of the PD fleet. They are a subfleet. They will normally
only hear other detectives but they can also switch 'channels (subfleets)'
and talk to patrol cars.

Steve
* JABBER v1.1 * A seminar on Time Travel will be held 2 weeks ago

2664. MDT MESSAGING INTERCEPTIO

Newsgroup: rec.radio.scanner
Date: 1994-04-14 17:49:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.4281.5773.0N19A6CA@canrem.com>
Source record: 275516

> This is my second post requesting information on any equipment out there
> which may allow mobile data terminal (MDT) radio traffic transmissions
> to be intercepted and read, FOR ENTERTAINMENT PURPOSES ONLY. I already know
> of the MDT units themselves being available to the public, but I am only
> interested in a receiver unit that will convert the signals into display on
> a monitor.
>
> If net readers have any qualms about publicly posting a reply to this message
> on the net (which you need not have any worries), E-mail can be sent in
> confidence to:
>
> eclafl1@gl.umbc.edu
>
> Option 2: use the anonymous posting service (double blind) if you're still
> wary.

You should realize that it's not that people are afraid of answering you,
it's on account of the fact that most MDT transmissions are not decodable.
Unless you've got an MDT from the department of interest, you will probably
never decode an MDT transmission. The Motorola system uses a proprietary
signalling scheme (totally unlike anything else out there) and anybody
coming up with a decoder would be quickly sued. There's also some degree
of encryption built in.

Give up and live with the fact that you'll probably never decode an MDT
transmission.

Steve ⋆ JABBER v1.1 ⋆ Why isn't phonetically spelled that way?

2665. Re: Virtual channels on trunk frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-14 17:56:32 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.145.0011F1C5@ccm.hf.intel.com>
Source record: 275432

In article <2ojuda$p7v@slinky.cs.nyu.edu> jackson@longlast.cs.nyu.edu (Steven Jackson) writes:

>|> I know that Motorola trunked systems have a privacy mode where two users can
>|> grab a repeater for themselves, that no one elso can monitor. The
>|> conversation will sound just like any other to the scanner listener.

>That is precisely what NJSP sounds like. "Hey Tommy, go to five." [time]
>"Ya here?" My question is, how does trunk control know which car to allow
>into the private arena once the requesting car has set it up? In other
>words, when Frankie asks Tommy to "go to five", how does the computer know
>that Frankie only wants to talk to Tommy and when Tommy keys up? Is it
>just a short time frame in which both parties have to hit "5" on their
>control heads or what? What if someone wants to snoop? If they just hit
>"5", will they block out Tommy if they hit it first?

I'm not sure about the snooping, but they hold down a button to be included in the switch over. The snooping is not really an issue since the setup already excludes the groups that shouldn't have access to the police channels. Other police officers may be able to sneak in, but I doubt the conversations are that private anyway. Many trunk systems, and most ALL police radio systems have a tape running on all channels at all times, so everything gets recorded.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2666. need freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-14 19:13:12 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2dae1835@f747.n115.z1.fidonet.org>
Source record: 275519

mc> Does anyone have a good list of Chicago area freqs. I am new to this
mc> and any help would be appreciated.

Mike...
What are you looking for specifically? Chicago? Suburbs? Police?
Fire?

Chicago Police...Search between 460.0250 and 460.5000

Wheaton, Glen Ellyn PD...471.1375
Winfield, Warrenville, West Chicago PD...470.3125
Carol Stream, Bartlett, Hanover Pk PD...470.6875 All freqs are
Lombard, Villa Pk PD...470.3875 part of a system
Elmhurst, Oakbrook Terrace...470.8875 called DuComm
Tactical Frequency of above...471.0125

Naperville PD...866.2375
(trunked) 866.6250
867.0375
867.5750
867.8250
868.1500
Naperville FD...857.2625

ISPERN...155.4750 (mutual aid police)
NIFERN...154.2650 (mutual aid fire)

DuComm Fire North...154.1750
East....154.4150 (repeatered)
154.1450 (simplex)
West....154.3100

(Covers most of the towns listed under
Ducomm Police)

Downers Grove Police...470.5125

DuPage Co. Sherriff..852.6625 (primary)
854.9625 (secondary)

What else?
Jerry

P.S. Call the BBS down at the tagline. Loads of frequency info here.

2667. Newbie question - Pro 39 & Cellular

Newsgroup: rec.radio.scanner
Date: 1994-04-14 19:21:09 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2dae1836@f747.n115.z1.fidonet.org>
Source record: 275520

sg> I have a Pro 39 that has 800 capability. Can it monitor Cellular ?
sg> What is the Freq Range for Cellular ? Thanks........

Scott...Frequency range for cellular is 869-894 Mhz. The '39 can receive cellular after a modification posted below...

Product: Realistic Pro-39
Purpose: Restore full 800 Mhz continuous coverage

Modification is from the January issue of Monitoring Times- January, 1993-page 107

** Warning...This procedure may void your warranty.

** Do not attempt this modification unless you are familiar with small component soldering. Performing this modification is done at your own risk.

** This modification restores certain portions of the 800 Mhz band that is against U.S. federal law to monitor.

A fine tipped soldering iron, desoldering wick, small Philips screwdriver, long-nosed pliers and rosin core solder are required to perform the mods.

1. Remove the battery door, holder and batteries from the unit.

2. Remove the four screws from the back of the scanner and carefully lift the back off.

3. Unplug the two wiring harnesses at their connectors and remove the six bright colored screws holding the circuit board in place. Unsolder the ground wire from the lower right corner of the circuit board. Unsolder the two wire connections from the BNC antenna connector at the board. Carefully lift the board (grasping it near the Molex connector) and set it aside.

4. Remove the two bright colored screws from the next circuit board. Carefully unplug the two-wire connector. Unsolder and lift the rectangular metal shield exposing the diodes.

5. Carefully unsolder and remove diode D6 only; this will restore the missing frequencies which can be searched in appropriate 30 khz steps.

6. Reverse procedure to reassemble unit.

Jerry

2668. PRO43: What's with all the interfenence?

Newsgroup: rec.radio.scanner
Date: 1994-04-14 19:25:22 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2dae1837@f747.n115.z1.fidonet.org>
Source record: 275521

al> My PRO43 is GREAT at every band except one. 155-160 MHz. For some
al> reason every timme I listen to trains in the Bay Area, I get nasty
al> interference from the local NOAA weather station. It is almost always
al> up 1.2 MHz from what I want to lister to.

al> It isa real nasty combination of tones and reduced voice. When I went
al> to Roseville, I got great train reception with no interference. But,
al> when I came home, it all started over again.

al> Any ideas about why, or how I could stop it?

Hi, Albert...

Unfortunately, your complaint is a common one for the PRO-43. The
interference you describe is known as intermod...the mixing of two or more
radio signals. The cause of this is usually from the receiver being
overloaded by radio signals. Sometimes, an attentuator will solve the
problem. (Radio Shack sells one, though you will have to modify the
connections)
Most scanners receive intermod to some degree. It is most apparent
when monitoring in metro areas where there are plenty of radio signals that
can sneak in.

Jerry

2669. Re: LoJack Freqs ???

Newsgroup: rec.radio.scanner
Date: 1994-04-14 20:36:32 UTC
From: as779@yfn.ysu.edu
Message-ID: <2ok9gg$da5@news.ysu.edu>
Source record: 275425

Dennis Smith writes:
Detroit (the stolen car capital of michigan) does not
have LOJACK in there cars. Some of the burbs no longer use them.

True, but the Detroit PD and most Suburban departments never
did outfit their units with LOJACK. The Michigan State Police
units in the Detroit area have a number of vehicles equipped with
LOJACK direction finders. A casual scanner listener may well never
hear the signals unless they are in their immediate vicinity, as
the signals from the activated transmitters are rather low power.

Chuck Reti Detroit, MI
as779@yfn.,ysu.edu
aa010@detroit.freenet.org -->yes, there is a Greater Detroit Free-Net!

2670. U of Waterloo Freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-14 20:50:38 UTC
From: jmichael@uoguelph.ca
Message-ID: <2okaau$q6g@nermal.cs.uoguelph.ca>
Source record: 275426

Hi!

I'm looking for frequencies for the University of Waterloo and Wilfred Laurier University.

If anyone out there it netland has these freqs, it would be much appreciated.

Thanks,

Jesse
--
==========
Jesse Michaels at = Canada....The TRUE North Strong and Free!
The University of Guelph, ="Neither Capitalism nor Socialism can
Guelph, Ontario, Canada = pretend to be an ideology. They are merely
jmichael@uoguelph.ca = methods for dividing ownership and income."
= John Ralston Saul in "Voltaire's Bastards"
= Western...isn't that an omelette?
==========

2671. MN State Highway Patrol "tac" freq

Newsgroup: rec.radio.scanner
Date: 1994-04-14 20:56:38 UTC
From: Lindy Williams <willi087@maroon.tc.umn.edu>
Message-ID: <Co9oqC.BMo@news.cis.umn.edu>
Source record: 275427

I have 171.575 which is an air and tac channel; however, there is also a second channel which they are using. Does anyone have the freq for it?
Lindy Williams
willi087@maroon.tc.umn.edu

2672. Re: Convict tracker freqs?

Newsgroup: rec.radio.scanner
Date: 1994-04-14 21:31:59 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <Co9qHE.5rD@cbnewse.cb.att.com>
Source record: 275428

reid@ucs.indiana.edu (Frank Reid) said:

> I heard an article about radio devices that some
> convicts on probation (?) are required to wear, to monitor
> their movements. What frequencies do they use?

us: justice, prisoner electronic monitoring devices, telemetry
[location?]_____ 168.8980_____call? (govt rcds)
" " 168.9220_____call? (govt rcds)

> What do they sound like?

If you can hear them, you're too close.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2673. Re: LoJack Freqs ???

Newsgroup: rec.radio.scanner
Date: 1994-04-14 21:42:44 UTC
From: schuster@panix.com
Message-ID: <2okdck$86b@panix2.panix.com>
Source record: 275429

In article <2ojuii$36b@vtc.tacom.army.mil>,
SMITH Dennis H <dmsmith@tacom-emh1.army.mil> wrote:
>LOJACK is in use in the Detroit area also. 173.075 Mhz is the frequency
>I put in my BC200XLT priority channel for several weeks, I did not
>hear a thing. Detroit (the stolen car capital of michigan) does not
>have LOJACK in there cars. Some of the burbs no longer use them.

I guess with Robocop around, they don't need it anymore :-)

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2674. MR-8100a SOLD!

Newsgroup: rec.radio.scanner
Date: 1994-04-14 23:38:29 UTC
From: sdougla@bgsu.edu
Message-ID: <sdougla.766366709@bgsuvax>
Source record: 275431
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

The Uniden MR-8100a that I posted for sale here some time ago has been sold.

Thanx to all who inquired.

----------------------**********----------
Sean G. Douglas KB8IXP **********Internet: sdougla@andy.bgsu.edu
Physics and Mathematics ******** LandLine: 419 372 6142
SkyWarn Net Volunteer ******
Amateur Radio Emergency Service *****
Bowling Green State University ****
Offenhauer East 1003 ***
Bowling Green, Ohio 43403 **

2675. Pro-2006 restore cell mod. wanted

Newsgroup: rec.radio.scanner
Date: 1994-04-14 23:49:17 UTC
From: jxc4788@ritvax.isc.rit.edu
Message-ID: <1994Apr14.234917.5364@ultb.isc.rit.edu>
Source record: 275441

Hi everyone,
Can anyone tell me how to restore the cell band on the Pro-2006? or is there a file that I can get via FTP site? I know this question has been asked before, but I am new user to the scanning world.

TIA,
James

2676. Re: Morse code type signals heard?

Newsgroup: rec.radio.scanner
Date: 1994-04-15 00:08:58 UTC
From: mcarp@bbs.xnet.com
Message-ID: <mcarp.3koq@bbs.xnet.com>
Source record: 275433

drr1@nauvax.ucc.nau.edu writes:

>I frequently hear morse-code type signals while listening to police and fire
>frequencies.
>At first I thought they were MDT messages. But recently I heard an operator
>say that she was going to send an MDT message, and then a few minutes later
the
>officer said he got the message. In between the 2 transimissions I didn't
here
>anything.
>
>Does anyone know what these tones are?
>
>Thanks,
>Dennis
>
>
>-----BEGIN PGP PUBLIC KEY BLOCK-----
>Version: 2.3a
>
>mQBNAi2pAy4AAAECANQTUNloJYfn1Ux+8Ms1/vC5eIErIfER0+YWTmRITx+zdRVv
>iRn7oCYVV1KtgUtFrGKgcwH/BaoQTwtfWx3dB8EABRG0LURlbm5pcyBSLiBSaWNl
>LCBKci4gPGRycjFAbmF1dmF4LnVjYy5uYXUuZWR1Pg==
>=4krq
>-----END PGP PUBLIC KEY BLOCK-----

The tones that you are hearing are most likely an indentifier. Alot of places
use these instead of having to identify their call letters and location by
voice ever 30 minutes. Much like a radio station does at the top of the hour.

Mike

2677. WANTED:State Gov't Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-15 00:52:02 UTC
From: cq559@cleveland.Freenet.Edu
Message-ID: <2okofi$m7p@usenet.INS.CWRU.Edu>
Source record: 275439

I would like a list of current freqs. for the following states:
NY, MA, CT, and NJ. I'm interested only in D.O.T.,Civil Defense,
State Police (Highway Patrol) and any other STATE GOVERNMENT
freqs. Any help is appreciated.
Thanks,
Joe
PLEASE REPLY to:cq559@cleveland.freenet.edu
--
JOE MAMICH
cq559@cleveland.freenet.edu
301@exchange.wariat.org (Internet)
OH-18-1912 (AOSC)

2678. MR-8100a scanner

Newsgroup: rec.radio.scanner
Date: 1994-04-15 01:46:49 UTC
From: berling@reis60.alleg.edu
Message-ID: <2okrm9$mbp@mustang.alleg.edu>
Source record: 275434

Anyone have any comments on this one? I am considering the
purchase, but want to know if it is worth the cost... approx. $250-350 at
Scanner World if I remember correctly... Thanks in advance.

Gordon

--
Gordon Berlin berling@alleg.edu
Hershey Vol. Fire Co. Allegheny College
Hersheypark Safety and Security Meadville, PA
Hershey, PA "Oh my God! Sunshine!
"Chocolatetown, U.S.A."
"Yes, ma'am, that really is the smell of chocolate in the air."

2679. Re: MDT MESSAGE INTERCEPTION

Newsgroup: rec.radio.scanner
Date: 1994-04-15 02:08:12 UTC
From: eclafl1@umbc.edu
Message-ID: <2oksucINN2jb@umbc9.umbc.edu>
Source record: 275435

>Not that I would condone such activity, but there is a quick and dirty way to
>monitor MDT's using a VAN ECK device and a Yagi antenna. Most but not all
>MDT monitors are of the green or orange phosphor type and can be received by
>VAN ECK devices up to a few hundred feet. The caveats of such monitoring are
>obviously getting caught, you must follow the PD cruiser around or find a
>stationary cruiser, or park a couple a hundred feet from the PD and try and use
>it. Note: I have never attempted these courses of action, these are just some
>ideas I have mulled over. I am currently building a VAN ECK device from plans
>bought from Consumertronics.
>
>-Guy
>

g

g

g

g

g

2680. RE: MDT MESSAGE INTERCEPTION

Newsgroup: rec.radio.scanner
Date: 1994-04-15 02:51:06 UTC
From: urbina@novax.llnl.gov
Message-ID: <1994Apr14.185106.1@novax.llnl.gov>
Source record: 275436

In article <brett_miller.128.00122CC6@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
> In article <2ocg0tINNdkg@umbc8.umbc.edu> eclafl1@umbc.edu (claflin eric) writes:
>
>>This is my second post requesting information on any equipment out there
>>which may allow mobile data terminal (MDT) radio traffic transmissions
>>to be intercepted and read, FOR ENTERTAINMENT PURPOSES ONLY. I already know
>>of the MDT units themselves being available to the public, but I am only
>>interested in a receiver unit that will convert the signals into display on
>>a monitor.

Not that I would condone such activity, but there is a quick and dirty way to monitor MDT's using a VAN ECK device and a Yagi antenna. Most but not all MDT monitors are of the green or orange phosphor type and can be received by VAN ECK devices up to a few hundred feet. The caveats of such monitoring are obviously getting caught, you must follow the PD cruiser around or find a stationary cruiser, or park a couple a hundred feet from the PD and try and use it. Note: I have never attempted these courses of action, these are just some ideas I have mulled over. I am currently building a VAN ECK device from plans bought from Consumertronics.

-Guy

2681. Re: PRO-2006 computer interface add-on

Newsgroup: rec.radio.scanner
Date: 1994-04-15 04:12:17 UTC
From: bug68@aol.com
Message-ID: <2ol471$rmq@search01.news.aol.com>
Source record: 275437

In article <2od2ge$q71@usenet.INS.CWRU.Edu>, el124@cleveland.Freenet.Edu (Mike Wilson) writes:

The HB-232 is from Commtronics. There BBS number is 619-578-9247.

Bug

2682. HELP with RS Pro 39!

Newsgroup: rec.radio.scanner
Date: 1994-04-15 04:38:44 UTC
From: rafaels@zimmer.CSUFresno.EDU
Message-ID: <CoAA8K.47o@zimmer.CSUFresno.EDU>
Source record: 275438

I got a PRO 39 from a friend with no antenna (dond ask me why!) and no manual. The machine seems in good shape (it powers on!. I already got the antenna however the manual was not available at RS. Could anybody send me (via E-mail) the basics of how to program this monster (beauty). Many thanks.

Raphael.

2683. Re: Touch Tone Decoder

Newsgroup: rec.radio.scanner
Date: 1994-04-15 04:49:00 UTC
From: cs327953@dingo.cc.uq.oz.au
Message-ID: <2ol6bs$9gq@dingo.cc.uq.oz.au>
Source record: 275440
Cross-posted to: rec.radio.scanner,alt.2600

Kyler Laird (laird@pasture.ecn.purdue.edu) wrote:
: eesnyder@beagle (Eric E. Snyder) writes:

: >The 1994 ARRL handbook has a very simple decoder (two IC's) that
: >*I* could probably even put together. ...haven't tried yet but it
: >looks straight forward. To get a feel for how simple it is, it has
: >four LEDs from which the 16 tone pairs can be deduced. Pretty low
: >level...

: Basic DTMF decoder chips are widely available, but using them with
: just LEDs is a pain - next to impossible for decoding autodialed
: numbers.

: The chips I've used have a 4-line bus (with optional Valid Pair
: output and handshaking). It's not too difficult to connect such
: chips to a PC parallel port.

: >Eric E. Snyder
: >Department of MCD Biology ...making feet for childrens' shoes.
: >University of Colorado, Boulder

: Hmmm...Eric sounds pretty technically smart. He can't spell
: "children's" correctly so he MUST be a wiz at something at
: the University...

: --kyler
that indeed kyler .. Anyw if you've got a USR dual standard it has a
touch tone decoder built in .. perhaps this could be of some use to you?
Otherwise just grab that mag ref: whathisname and give it a go.

Matthew Bontoft

2684. Re: RE: MDT MESSAGE INTERCEPTION

Newsgroup: rec.radio.scanner
Date: 1994-04-15 08:28:52 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.146.00087B72@ccm.hf.intel.com>
Source record: 275444

In article <1994Apr14.185106.1@novax.llnl.gov> urbina@novax.llnl.gov writes:

>Not that I would condone such activity, but there is a quick and dirty way to
>monitor MDT's using a VAN ECK device and a Yagi antenna. Most but not all
>MDT monitors are of the green or orange phosphor type and can be received by
>VAN ECK devices up to a few hundred feet. The caveats of such monitoring are
>obviously getting caught, you must follow the PD cruiser around or find a
>stationary cruiser, or park a couple a hundred feet from the PD and try and use
>it. Note: I have never attempted these courses of action, these are just some
>ideas I have mulled over. I am currently building a VAN ECK device from plans
>bought from Consumertronics.

>-Guy

I don't know the details of the VAN ECK device, but would it still work if the
police MDTs were using LCD screens instead of CRTs? I know some MDTs do use
LCD screens instead of CRTs.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2685. Re: Morse Trivia Question

Newsgroup: rec.radio.scanner
Date: 1994-04-15 11:03:06 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.148.000B0D90@ccm.hf.intel.com>
Source record: 275453

In article <CoB6Gz.C4z@boi.hp.com> jqtaylor@boi.hp.com (John Quill Taylor) writes:

>I've often wondered, "What's the *highest* frequency you've ever heard
>Morse code being used?" Personally, I guess I hear it on the 440 MHz
>area repeaters that some hams use. Can anyone verify higher?

800Mhz trunk systems usually use Morse ID's but maybe you didn't intend to
include ID's in you question.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2686. Re: LoJack Freqs ???

Newsgroup: rec.radio.scanner
Date: 1994-04-15 11:16:24 UTC
From: jkimbro@mezzrtm.lasc.lockheed.com
Message-ID: <CoAsnD.CIn@butch.lmsc.lockheed.com>
Source record: 275442

In article p7v@slinky.cs.nyu.edu, jackson@longlast.cs.nyu.edu (Steven Jackson) writes:
>In article <hgysizs.wbloss@delphi.com>, wbloss@delphi.com writes:
>|> Franklin Warlick <dscdlwx@gsusgi2.gsu.edu> writes:
>
>
>|> and as far as I
>|> know, LoJack is only in use around Boston.
>
>Hi Wally,
> Not any longer. Watch COPS every so often and you'd be surprised to see
>how many episodes there are that show it blinking away on the dash. They've
>been in NJ for some years and NYC just got approval about a year ago.
>
>When you see a LoJack-enable cruiser, you think they went antenna-crazy, but
>then you notice that they are in a special formation. The one I saw two
>days ago was in a square, but I seem to recall seeing them in diamonds before.
>
>Steve
>

I've seen the square antenna formation on a number of Cobb County (Atlanta
suburbs) police cars for 6 months or more now. Wasn't until a couple of
months ago that I could get a good enough look inside one of those vehicles
to prove my theory that they were for the LoJack system.

Jon Kimbrough jkimbro@lasc.lockheed.com
=====
Disclaimer: The opinions expressed herein, either stated or implied, are
solely my own and do not reflect Lockheed's views in any manner.

2687. Software for the AR3000A?

Newsgroup: rec.radio.scanner
Date: 1994-04-15 14:13:06 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.149.000E385C@ccm.hf.intel.com>
Source record: 275457

Now that my AR3000A finally arrived, I am looking for software to control it. I have seen some home-made programs on CI$, but I haven't tried any of them yet. Anyone have suggestions - free or purchased (I have looked at ScanCat and Scan Star and wasn't totally satisfied)

Thanks in advance

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2688. AOR 2002 Info Wanted

Newsgroup: rec.radio.scanner
Date: 1994-04-15 14:42:00 UTC
From: rsch2854@uhcl2
Message-ID: <15APR199409425141@uhcl2>
Source record: 275443

Hi,

Does anyone know if there are any mods or computer control information
for the AOR 2002? I know that this is a pretty old radio....

Thanks!

==
Rory Burke - KA5MBH | "I always ignore my lawyer before
rsch2854@cl.uh.edu | making a decision" - Groucho Marx
Remember, there's a difference between "can't" and "not supposed to"
==

2689. FTP Site for Scanner FAQ?

Newsgroup: rec.radio.scanner
Date: 1994-04-15 15:41:19 UTC
From: jwiens@mondrian.CSUFresno.EDU
Message-ID: <CoB4wv.79I@zimmer.CSUFresno.EDU>
Source record: 275445

Is there an FTP site where I may get the
Scanner FAQ (if one exists)?

Specifically, I looking for all the info
that a newbie like myself needs to get
started; i.e. common frequency ranges, etc...

-Jeff

2690. Re: LoJack Freqs ???

Newsgroup: rec.radio.scanner
Date: 1994-04-15 16:04:48 UTC
From: wps@ElSegundoCA.NCR.COM
Message-ID: <5940@tdbunews.teradata.COM>
Source record: 275446

In article 766248446@gsusgi1.gsu.edu, dscdlwx@gsusgi2.gsu.edu (Franklin Warlick) writes:
-->I am looking for information on the LoJack car recovery system. The
-->system is hidden in your car, and when stolen, it is activated by the
-->police, and the police cars are equipped with receivers, that consist of
-->4 separate antenna. The display in the police car, has a compass type
-->series of lights, and the cops just drive toward the lit light. I was
-->wondering if some ofyou more technical types might have an some ideas
-->about this system
-->Thanks

The system on the police cars is used for directional finding the transmitted signal. Go to any ham clubs in your area and ask about T-hunts. Some of the simple ones (novice level) use a handheld with a rubber duck. With the body sheilding the signal, one finds the direction of the strongest signal, actually the weakest signal and you back is toward the srongest signal. This works except if the transmitter is hidden in places where the signal is reflected by other objects. Advanced T-hunts use directional finding equipment and beams that can find the direction. The system used in police cars is a directional finding system that enables the police to track the signal rather easily. LAPD uses that system and I have heard the officers report they have located the signal and seen the car but the theif slipped down some street and doubled back to out run them. Well the police radio is hard to outrun. Backup is called and the crook is caught or at least the vehicle is recovered and the person fled somewhere on foot.

By all means, if a local ham club is having a T-hunt, then go. Even if you just watch, you might find it interesting.

Bill

+---+
| Bill Starkgraf wps@ElSegundoCA.ncr.com |
| AT&T Global Information Solutions (310) 524-5754 |
| El Segundo, CA (800) 222-8372 x5754 |
| |
| Call: KD6UQB Simi Settlers ARC |
| Simi Valley, CA |
+---+

2691. Re: LoJack Freqs ???

Newsgroup: rec.radio.scanner
Date: 1994-04-15 16:05:27 UTC
From: <>
Message-ID: <2ome07$bfe@wizard.uark.edu>
Source record: 275447

wbloss@delphi.com writes:

>Franklin Warlick <dscdlwx@gsusgi2.gsu.edu> writes:
>
>>I am looking for information on the LoJack car recovery system. The
>
>Hi Franklin,
>A few years ago the frequency 173.075 MHz was reported in USSN to have

That sounds right ...

>know, LoJack is only in use around Boston. I'd think if you find

The entire state of Mass, actually. And significant parts of NJ and FL,
if I'm not mistaken. Look for the 4 antenna Doppler array on the roof
the LoJack equipped cruisers ...

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Peter Laws <plaws@comp.uark.edu> |>> University of Arkansas <<
n5uwy@ka5bml.#nwar.ar.usa.noam |>> Home of the NCAA Champion Razorbacks <<

2692. Morse Trivia Question

Newsgroup: rec.radio.scanner
Date: 1994-04-15 16:14:59 UTC
From: jqtaylor@boi.hp.com
Message-ID: <CoB6Gz.C4z@boi.hp.com>
Source record: 275448

I've often wondered, "What's the *highest* frequency you've ever heard Morse code being used?" Personally, I guess I hear it on the 440 MHz area repeaters that some hams use. Can anyone verify higher?

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MST = GMT - 7) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 430 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

2693. Re: long-lat for calif

Newsgroup: rec.radio.scanner
Date: 1994-04-15 16:50:14 UTC
From: SECOYTC@SSVAX1.ssd.loral.com
Message-ID: <1994Apr15.165014.3049@wdl.loral.com>
Source record: 275449

In <94103.111834VAL@SLACVM.SLAC.STANFORD.EDU> <VAL@SLACVM.SLAC.STANFORD.EDU> writes:

> Looking for long-lat information about California in some
> detail. In either computer or book formats.
>
> Val
> val@slacvm.slac.stanford.edu

for lon/lat info on _any_ us location, a good source is aeronautical
charts. in your case, come on over to the palo alto airport where there
is a pilot supply store. they sell charts in several scales depending upon
the degree of detail you need.

charts also show plenty of landmarks, buildings, roads, slac.

they are quite accurate and are revised twice a year.

palo alto airport is on embarcadero rd. on the other side of us101 from slac.

todd
secoytc@ssvax1.ssd.loral.com
kd6fwg
palo alto, ca. usa

2694. Icom R1 (.5-1300MHz) for sale

Newsgroup: rec.radio.scanner
Date: 1994-04-15 17:32:15 UTC
From: r_egeland@cc.colorado.edu
Message-ID: <2omj2v$jh9@lace.Colorado.EDU>
Source record: 275450

I am selling my Icom R-1. I don't really listen to anything but police and ham radio, so I find no need for it's extensive features.

For those unfamilliar with the R-1, the following is a list of features (from my memory):

- Full coverage from 0.5 to 1300 Mhz
- Smallest scanner produced (about 2" x 1.5" x 4")
- Wideband FM (TV, Radio), Narrow FM (police, cellular), and AM modes for any frequency
- 0.5, 1, 5, 10, 12.5, 25, 30, and 50 kHz step rates (receives any form of transmission)
- Programable Search limits (ex. will search from 860-890 MHz), with any channel spacing (useful for cellular - will effectively scann every single cellular channel while only taking up two numers in the memory.
- "Search and Store" function - searches for activity in a specified range of frequencies and stores any found (great for finding unknown frequencies)
- Runs about 8 hours on internal battery, or runs for days with optional battery pack (I don't have that, though)
- All kinds of other functions that I haven't even learned how to use yet!

The scanner has ALL accessories, as well as the directions, box, and packaging. I think the scanner retails for about $400 from Grove (I'm not sure of the exact price, but it's somewhere around there - check for yourself). I am selling the unit for $295, which seems to be the average price on the net. The scanner has no scratches or damage of any kind.

Please respond directly to me.
Ryan Egeland

R_Egeland@cc.colorado.edu

(719) 389-7205

902 N. Cascade
Colorado Springs, Colorado 80946

2695. Yupiteru MVT7100 for sale (brand new in box)

Newsgroup: rec.radio.scanner
Date: 1994-04-15 17:33:20 UTC
From: crisp@netcom.com
Message-ID: <crispCoBA3K.9Kt@netcom.com>
Source record: 275451
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

I have two brandnew Yupiteru MVT7100 "assault radios" for sale. These are brand new in the box, and even sport an English Language manual (well a new japanese manual and a copy of an English manual).

I have one brand new carrying case (Yupiteru vinyl case) which is damn nice to have to have to prevent the little numbers on the push buttons from wearing off.

The scanners are $700 each and the case is $30. Buyer pays shipping. I can zip off by FEDEX 2nd or whatever other way you prefer. These will not be importable after April 26th under any circumstance and have full coverage (including cellular).

They won't last long os if you want one, don't hesitate.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2696. Re: Virtual channels on trunk frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-15 18:02:47 UTC
From: johng@ecs.comm.mot.com
Message-ID: <johng-150494130247@johng.comm.mot.com>
Source record: 275452

In article <brett_miller.135.00095E61@ccm.hf.intel.com>,
brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) wrote:

> In article <2ofdpa$nac@lace.Colorado.EDU> sternk@alumni.cs.Colorado.EDU (Kenneth Stern)
writes:
>
>
> > While listening to the input frequencies of Denver's PD/FD, I
> >will sometimes hear someone talk about going to channel x-and-such. Since
> >this is a trunk system, I was wondering how this is possible.
> > Is there a way to tell the trunking computer to create a virtual
> >channel?
Virtual channels are the whole idea of a trunking system. The "modes"
selected by the user are completely independent of the actual frequencies
used. You might only have 5 channels, but have hundred of users and
talkgroups.

> >Do trunk hand-held radios know how to switch to a simplex frequency?
Conventional modes can also be programmed into many models of radios, but
these are never "trunked." The user must manually switch to simplex
frequencies.

> > Being that I am at work, I have not been able to turn up my
> >scanner to determine if I can recognize the person's voice who announced
> >they were going to channel x-and-such after the announcement.
> > Anyone have any information on this?
>
> I know that Motorola trunked systems have a privacy mode where two users can
> grab a repeater for themselves, that no one elso can monitor.
A "private call" establishes a private virtual channel. It is trunked,
however, and may also change repeaters as a normal talkgroup call would.
Only 12 kb "Securenet" or 9.6 Kb "Astro" with encryption would make the
conversation really private.
> The conversation will sound just like any other to the scanner listener.
> Another possibility is that the system has a channel designated for chatting
> that they can switch to, but others could also switch to this channel, so its
> not private. Also, some of the high-end radios have the feature to actually
> use simplex. This is a feature so that in the event of the repeaters or
> controller going down, they can still use their radios. I would be surprised
> if this was what was happening in your case though.
>
> While I'm on a roll here, let me add that another feature used
> by police is a "capture" feature. They can press a button and hold a repeater
> so it will always be available.
This feature set is called "Emergency." A signal will be sent to the

dispatcher to let them know that a unit is in trouble. The ID of the unit
will flash on the console display. All sorts of audible alarms will go off
at the console positions. The unit ID will flash on the displays of "Astro"
display equipped subscribers. The voice channel will only be used for the
emergency call. Other traffic won't be assigned to that channel.
> In a busy system, it could be very dangerous
> if the cop was in danger and got a busy signal when he tried to key his radio.
> This feature holds a repeater for his channel only so it will be available in
> an emergency.
Yes.
>
>
> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
> Intel Corp.
> American Fork, UT

--
John Gilbert Motorola Trunked Systems Development
johng@ecs.comm.mot.com

2697. Re: LoJack Freqs ???

Newsgroup: rec.radio.scanner
Date: 1994-04-15 18:42:31 UTC
From: warren@bluesky.com
Message-ID: <2omn6n$aal@pdx1.world.net>
Source record: 275454

In article <2ome07$bfe@wizard.uark.edu>
plaws@comp..uark.edu (Peter Laws) writes:

> Look for the 4 antenna Doppler array on the roof
> the LoJack equipped cruisers ...

Some Portland, Oregon police cars have a 4-antenna grouping on the roof, some on the trunk. Also a compass-like display sitting on the dashboard. Could be LoJack, I suppose. With a cellular pigtail on the back window and a comm antenna on the trunk, these cars are a rolling antenna farm.

How does a citizen go about getting a transmitter placed in the car so it can be located in the event of theft? Is there a monthly charge for the service?

Warren

2698. Re: Morse Trivia Question

Newsgroup: rec.radio.scanner
Date: 1994-04-15 18:45:31 UTC
From: as779@yfn.ysu.edu
Message-ID: <2omncc$bgg@news.ysu.edu>
Source record: 275455

Amateur Repeaters also operate on the 1.2 and 2.4 GHz bands,
morse ID's are part of most repeater controller hardware/firmware.
No reason for morst to be Frequency-Dependent. Have also heard
Morse transmissions on C Band satellite downlinks.
Chuck Reti Detroit, MI
as779@yufn.ysu.edu
aa010@detroit.freenet.org

2699. Re: Morse Trivia Question

Newsgroup: rec.radio.scanner
Date: 1994-04-15 19:43:48 UTC
From: jbush@advtech.uswest.com
Message-ID: <2omqpk$lt6@cherokee.advtech.uswest.com>
Source record: 275456

In article <CoB6Gz.C4z@boi.hp.com> jqtaylor@boi.hp.com (John Quill Taylor) writes:
>
>I've often wondered, "What's the *highest* frequency you've ever heard
>
> ---Stuff deleted---

I hear morse on the audio sub-carriers on satellite on 'C' and 'Ku' band.
That is 11+ Ghz

Joe Bushinski
303-541-6724

2700. Re: Wanted pocket tone dialer

Newsgroup: rec.radio.scanner
Date: 1994-04-15 21:50:40 UTC
From: ala@austin.ibm.com
Message-ID: <CoBM0G.21EE@austin.ibm.com>
Source record: 275381

In article <2o9hva$rci@portal.gmu.edu>, hhansen@mason1.gmu.edu (Hawley G Hansen) writes:
> Victor Healey (vhealey@crl.com) wrote:
>
> Unfortunately, I don't have access to alt.2600. I suppose our
> sysops on our school's system don't find it appropriate. Is there a
> depository for 2600 info at an ftp site? Also, since this thread bled
> into the scanner group, could someone give me an idea of what type of mod
> is being done to a pocket dialer (i.e. what's the point?). Thanks, Hawley.

The original chrystal was either being removed entirely and replaced with either a 6.5 mghz or a 6.5536 mghz chrystal. Or being left in, and the additional chrystal was added. A toggle switch was also added to separate between the two chrystals. Once modified, you could use the dialer as both a regalur dialer as it was intended for, or a red box, which would simulate within an acceptable tolerance range, the tones which the phone produces as change (each tone=one nickel) was being dropped into the payphone. Simply put it is a toll fraud device built with parts easily available for less than thirty dollars.

Al

DISCLAIMER:
NO EMAIL PLEASE, IT'LL BOUNCE. THIS VIEW IS ENTIRELY OF MY OWN, AND DOES NOT REPRESENT ANY ONE/ORGANIZATION.

2701. Kodak TN & Sevier Co. TN

Newsgroup: rec.radio.scanner
Date: 1994-04-15 22:36:03 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <4c6_9404160700@rccons.lm.com>
Source record: 275458

* Crossposted in REC.RADIO.SCANNER
* Crossposted in ALT.RADIO.SCANNER
* Crossposted in SCANRADIO
* Crossposted in RN.SCANNERS

Reply-To: rccons!aosc_pa@telerama.pgh.pa.us

Looking for current & active information for the following area from local monitors.

Kodak TN, and the enitre Sevier County TN area.

I am interested in ALL forms of radio services from Public Safety (PD/EMS/FD) to Local Government (PL) and business activity in the area. Listings of 10-codes, service codes, PL (CTCSS) Tones also welcome.

Any and all data greatly appreciated.

Family members relocating to this area, and need to program scanner before sending it down.

Thanks in advance for all assistance!!

Rick Christian, AAJP/BSEE
AOSC PA Editor/PCO Peters Twp. P.D.
Internet:rccons!aosc_pa@telerama.pgh.pa.us

2702. florida freqs needed

Newsgroup: rec.radio.scanner
Date: 1994-04-15 23:46:00 UTC
From: Raymond.Hartley@f601.n3661.z1.ronnie.wsnc.org
Message-ID: <766577789.AA00545@ronnie.wsnc.org>
Source record: 275471

Hello,
I will be going to the orlando area this summer in july and wanted to
get some more freqs for the area. I have freqs for orlando and orange
county from bob. I also have a list for Walt Disney, but would also take
any that you may have as I don't think I have a complete list. I would
also like to get some freqs for the Universal Studios as I will be
staying within eye sight of it. Thanks for any help from that area.
I will try to post a correcxted list for Disney and other areas after I
come back and can compile it into something for everyone.

Thanks for any help,
Raymond

* SLMR 2.1a * Last Alarm-Firefighters Greatest Sacrifice (1:3661/601)

2703. Anything comparable or better than Yupiteru MVT-7100?

Newsgroup: rec.radio.scanner
Date: 1994-04-16 00:24:43 UTC
From: gesman@ionews.io.org
Message-ID: <2onb8c$eqa@ionews.io.org>
Source record: 275459

I looking for an information about today's best contigious wide coverage hand held scanners. Anything could compete with above model, or it's still on top? I'd appreciate posts or replies with somewhat detailed explanations.

Thanks,

--
Gleb Esman

2704. INFO ON THE ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-04-16 00:33:00 UTC
From: prynda@esu.edu
Message-ID: <2onbns$8eo@jake.esu.edu>
Source record: 275460

Does anyone have any thoughts on the ICOM R1. I would like to
upgrade my exsisting Bearcat 200xlt to something a little better. Thanks
for any suggestions and/or comments.

SAM P

2705. Re: Cellular Directory

Newsgroup: rec.radio.scanner
Date: 1994-04-16 01:20:02 UTC
From: scan911@aol.com
Message-ID: <2oneg2$ncv@search01.news.aol.com>
Source record: 275461

In article <CLtA18.DDv@taurus.cs.nps.navy.mil>, tmnichol@alioth.cc.nps.navy.mil (Troy M. Nichols) writes:

The numbers technically are owned by the cellular telcos. Don't count on getting any of the info. I for one guard my cellular number and give it to no one (at least until they offer calling party pays!).

2706. Re: Yupiteru MVT7100 for sale (brand new in box)

Newsgroup: rec.radio.scanner
Date: 1994-04-16 01:33:59 UTC
From: copeland@metronet.com
Message-ID: <CoBwCo.3qz@metronet.com>
Source record: 275462
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <crispCoBA3K.9Kt@netcom.com>,
Richard Crisp <crisp@netcom.com> wrote:
>I have two brandnew Yupiteru MVT7100 "assault radios" for sale. These are brand
>new in the box, and even sport an English Language manual (well a new japanese
>manual and a copy of an English manual).
>
>The scanners are $700 each and the case is $30. Buyer pays shipping. I can

I thought these went for $500 brand new. Maybe after the 26th they would
be worth $700.

2707. Re: New Radio Shack mag: Radio!

Newsgroup: rec.radio.scanner
Date: 1994-04-16 02:37:26 UTC
From: dhughes@prairienet.org
Message-ID: <2onj16$4ea@vixen.cso.uiuc.edu>
Source record: 275463

In a previous article, bds2@email.psu.edu (Brett Saylor) says:

>During my weekly visit to a local Shack I noticed the premier issue of
>a new magazine called "Radio!" at the counter. Covers the entire spectrum
>from SW to CB, ham to scanning. Looks to be something of a thinly veiled
>advertisement for Radio Shack products, incl. "reviews" of RS equipment.
>Might turn out to be worthwhile someday, then again...
>
>bds
>
At just $1.99, and written by the Pop Comm folks (or some connection with
Pop Comm is mentioned on the cover), it looked like a pretty good deal.
But I looked inside and the only ads in it are for Radio Shack. The
articles too cover Radio Shack equipment. My opinion after a closer
look: They should not charge money for this advertising piece.
--

2708. Re: Yupiteru 7100 - interested in experiences of UK users

Newsgroup: rec.radio.scanner
Date: 1994-04-16 02:57:58 UTC
From: moews@math.berkeley.edu
Message-ID: <2onk7m$6ik@agate.berkeley.edu>
Source record: 275464
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Although not a UK user, I thought my experience might be somewhat useful anyway. Some of it will be inapplicable in the UK, of course.

I ordered my MVT-7100 from Radio Lorenz in Montreal. It cost CDN$749; express shipping was CDN$51, for a total of exactly CDN$800. For this I got the radio itself, a belt clip, an earphone, a wrist strap, a telescoping antenna, four AA nicads, a 12V car adapter, a wall transformer, a manual, and a 1-year warranty. According to its markings, the transformer is rated for 117V in/12V out, so is not the 100V transformer some have complained about. The manual was the original Yupiteru manual; I didn't get a copy of Jonathan Clough's rewrite. I had no trouble understanding the Yupiteru manual, though.

Good points (aside from receiver performance): the green backlit keyboard is pretty; 50 Hz tuning steps make it pretty easy to get reasonable-sounding SSB reception; scan and search speed is adequate.

Bad points (aside from receiver performance): the radio runs a little warm, and is a power hog; tuning even finer than 50 Hz could be useful on SSB; there is no stereo reception on broadcast FM.

Receiver performance: I used a Radio Shack center-loaded whip, advertised as `suitable for 25--1300 MHz'. There is no LW broadcasting in the US, so I can't comment on LW reception. MW reception is OK for local stations although nonexistent for DX (not to be expected without a real MW antenna.) I put it next to a Sangean ATS-800A to check SW performance. They seem comparable, although I think the Sangean has somewhat better selectivity. I was able to copy CW, AM and SSB amateur transmissions on the 80m and 40m amateur bands; 11m CB also comes in. VHF and UHF sensitivity seems OK, at least up to 1 GHz or so.

More remarks on receiver performance: I have tried the radio out here in Berkeley, CA (a highly populated area) and in Mansfield Center, CT (a less populated area.) In both places I've noticed that VHF/UHF signals can often be received 455 MHz above their nominal frequencies. In Berkeley, there are additional problems. Images (I presume) of broadcast FM can be heard at various frequencies between 165 and 170 MHz, and one particular VHF user's signal---somewhere around 43 MHz, I think---can be heard everywhere from ~30 to ~50 MHz, overriding the signal actually present; in fact, this signal can even be heard on shortwave at times. Using the provided telescoping antenna instead of the Radio Shack whip, the offending signal quiets down a bit and can only be heard from 35 to 50 MHz or so.

I found this last problem so annoying that I sent the radio back, hoping that it had some obscure defect, but unfortunately, M. Lorenz says it checks out OK.

Has anyone else had this sort of problem with the MVT-7100? Would it be worthwhile trying a new unit, or should I ask for a refund and look at something else? And what of the MVT-8000 that someone mentioned in this group? Your advice would be appreciated, as the April 26th deadline looms near for those of us in the States.

--

David Moews moews@math.berkeley.edu

2709. Batteries LEAKED! Please HELP!!!

Newsgroup: rec.radio.scanner
Date: 1994-04-16 03:22:42 UTC
From: boothc@kenyon.edu
Message-ID: <1994Apr15.222242.10548@kcvax1>
Source record: 275465
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

I seem to have a serious problem. My girlfriend mistakenly unplugged my Pro 43 with normal energizer batteries and placed the plug in the charge jack. To cut to the chase, my baterries leaked a bit. Fortunately the scanner was in an upright position so it did not leak "up" too far. I just discovered this, but decided to take off the back cover before I proceeded. The acid has discolored the bottom circuit board (the one on the side facing the keypad just below the battery contacts (where they connect).

How do I get the acid stabalized and hope fully removed?

Please e-mail suggestions to me asap because our newsreader downloads news packs once or twice a day. I believe time is of the essence.

Carter

boothc@kenyon.edu

2710. how do you monitor police 800mhz systems??

Newsgroup: rec.radio.scanner
Date: 1994-04-16 03:39:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <766467596.AA08861@rochgte.fidonet.org>
Source record: 275466

> From: brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ)
> Organization: Intel Corp.

> FYI General trunking assignments are made in 5 channel blocks,
> separated by
> 1MHz. So the first set might be 861.2375, 862.2375, up to 865.2375

I have seen that statement made in a lot of places, but none of the SMRs
that I have found in Rochester, Buffalo or Syracuse (NY) or any of the places
in between (Bristol, Attica, etc) are set up that way. Nor are the ones in
Niagara Falls or Toronto, Ontario.

==
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==

2711. nationwide notification services?

Newsgroup: rec.radio.scanner
Date: 1994-04-16 03:43:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <766467596.AA08862@rochgte.fidonet.org>
Source record: 275467

Someone at my place of employment told me that he was a member of a scanner notification service in Virginia that was tied into several other notification services. He said that monitors in just about any East Coast city could call an 800 number and report an incident to the "dispatcher", who would then send the info out over the members' alphanumeric pagers. He believes that the pagers were leased from SkyPage.

Is anyone familiar with this wide-area system? I would like to contact someone about the details of hooking into the network, if it exists.

==========
David T. Stark, NF2G, KYR-7128, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

2712. Re: New Radio Shack mag: Radio!

Newsgroup: rec.radio.scanner
Date: 1994-04-16 04:14:51 UTC
From: siegman@Sierra.Stanford.EDU
Message-ID: <605526siegman23213@EE.Stanford.EDU>
Source record: 275468

For sure give this one a skip -- totally a Radio Shack sales blurb ("infomercial" is the word, right?), zero useful hard technical content. (At a couple of bucks cover price, "ripoff" is an even better word.)

2713. Re: Wanted pocket tone dialer

Newsgroup: rec.radio.scanner
Date: 1994-04-16 05:11:30 UTC
From: orion@crl.com
Message-ID: <2ons22$4ci@crl.crl.com>
Source record: 275469

For 3 dollars and 75 cents you can get a touch tone dialer with 16 digit
last number redial from a cool electronics store I discovered recently:
All Electronics. call the 800 directory (800-555-1212), they have the #
Al (ala@austin.ibm.com) wrote:

: In article <2o9hva$rci@portal.gmu.edu>, hhansen@mason1.gmu.edu (Hawley G Hansen) writes:
: > Victor Healey (vhealey@crl.com) wrote:
: >
: > Unfortunately, I don't have access to alt.2600. I suppose our
: > sysops on our school's system don't find it appropriate. Is there a
: > depository for 2600 info at an ftp site? Also, since this thread bled
: > into the scanner group, could someone give me an idea of what type of mod
: > is being done to a pocket dialer (i.e. what's the point?). Thanks, Hawley.

: The original chrystal was either being removed entirely and replaced with either
: a 6.5 mghz or a 6.5536 mghz chrystal. Or being left in, and the additional
: chrystal was added. A toggle switch was also added to separate between the two
: chrystals. Once modified, you could use the dialer as both a regalur dialer as
: it was intended for, or a red box, which would simulate within an acceptable
: tolerance range, the tones which the phone produces as change (each tone=one
: nickel) was being dropped into the payphone. Simply put it is a toll fraud
: device built with parts easily available for less than thirty dollars.

: Al

: DISCLAIMER:
: NO EMAIL PLEASE, IT'LL BOUNCE. THIS VIEW IS ENTIRELY OF MY OWN, AND DOES NOT
: REPRESENT ANY ONE/ORGANIZATION.

2714. Re: FTP Site for Scanner FAQ?

Newsgroup: rec.radio.scanner
Date: 1994-04-16 06:14:32 UTC
From: mulligan@ACM.ORG
Message-ID: <2onvo9$q7f@hopper.acm.org>
Source record: 275470

jwiens@mondrian.CSUFresno.EDU (Jeff Wiens) asks:

> Is there an FTP site where I may get the
> Scanner FAQ (if one exists)?
>
>Specifically, I looking for all the info
>that a newbie like myself needs to get
>started; i.e. common frequency ranges, etc...

Check out oak.oakland.edu::/pub/hamradio/docs/misc
I might (not so humbly) recommend:

scanner.faf
Details of the most often requested bands. Includes channels, frequencies,
and usage notes for: cellular phones; cordless phones; television;
citizens band; railroads; marine VHF; NOAA weather.

fcc.allocations
A summary of the FCC Table of Frequency Allocations for the 30 - 900
MHz range. Since it boils 90 pages of data down to 140 lines, a little
detail has been lost <g>, but it will guide a scanner user to what's where.

/* barry /&

2715. Re: Yupiteru MVT7100 for sale (brand new in box)

Newsgroup: rec.radio.scanner
Date: 1994-04-16 08:31:41 UTC
From: jdwhite@iastate.edu
Message-ID: <2oo7pd$mbk@news.iastate.edu>
Source record: 275472
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <CoBwCo.3qz@metronet.com>,
Charles Copeland <copeland@metronet.com> wrote:
>In article <crispCoBA3K.9Kt@netcom.com>,
>Richard Crisp <crisp@netcom.com> wrote:
>>I have two brandnew Yupiteru MVT7100 "assault radios" for sale. These are brand
>>new in the box, and even sport an English Language manual (well a new japanese
>>manual and a copy of an English manual).
>>
>>The scanners are $700 each and the case is $30. Buyer pays shipping. I can
>
>I thought these went for $500 brand new. Maybe after the 26th they would
>be worth $700.

I got mine from Javiation for $600 US, which included the $25 Fed Ex. shipping
charge. The case was $20 US, shipping included. Call it profit, I guess.

--
Jason D. White Durham Center Operations Staff
jdwhite@iastate.edu Repeater Chairman, Cyclone Amateur Radio Club
Iowa State University Packet: n0rwu @ ki0q.#cia.ia.usa.na
Ames, Iowa

2716. Re: long-lat for calif

Newsgroup: rec.radio.scanner
Date: 1994-04-16 08:57:40 UTC
From: guycole@netcom.com
Message-ID: <guycoleCoCGw4.AEu@netcom.com>
Source record: 275473

VAL@SLACVM.SLAC.STANFORD.EDU wrote:
: Looking for long-lat information about California in some
: detail. In either computer or book formats.

U.S. Geologic Survey sells the Geographic Names Information System (GNIS).
It isn't very expensive, but it only comes on 9 track tape.

I see your account is at SLAC. There is a U.S.G.S. office in Menlo Park,
they can give you information and take your order.

The California GNIS tape that I bought (maybe 5 years ago)
had 62470 locations w/latitude and longitude.
--
=-=
Guy Cole (KQ6J) * "Expert Plain And Fancy Bit Twiddling" * guycole@netcom.com
Check Six! * P.O. Box 2269, Ramona, CA. 92065 * (619) 789-8106

2717. Re: Future of Scanning (DDS)

Newsgroup: rec.radio.scanner
Date: 1994-04-16 11:15:03 UTC
From: henryb1275@aol.com
Message-ID: <2oohbn$1oj@search01.news.aol.com>
Source record: 275474

In article <steve-180294132018@brainiac.hi.com>, steve@hi.com (Steve Byan) writes:

Does scanning have a future, should be the question. Government regulation and various methods of scrambling as well as heavy duty intermod may eventually destroy our ability to listen to anything. If there is a future, however, I would like to see a small receiver with programmable plug -in memory cartridges(or something similer), such that when you travel, you can simply plug in the cartridge for the area you're going to, rather than going through the drudge work of numerical entry. You would be able to program the cartridge yourself, either with your pc or preferably, using the scanner itself.

2718. *** NEED INFO PRO-51 ***

Newsgroup: rec.radio.scanner
Date: 1994-04-16 15:13:02 UTC
From: UGAMAT@UGA.CC.UGA.EDU
Message-ID: <16F9A9DBE.UGAMAT@UGA.CC.UGA.EDU>
Source record: 275375

Greetings...
A somewhat more than cursory examination of headers here and in alt.r.s.
shows no topics concerning the cellular restorability of the new PRO-51.
Can anyone comment on this?
Thanks,
Paul...(a happy Yupi owner)

2719. Re: Anything comparable or better than Yupiteru MVT-7100?

Newsgroup: rec.radio.scanner
Date: 1994-04-16 15:17:07 UTC
From: copeland@metronet.com
Message-ID: <CoCyGK.2AD@metronet.com>
Source record: 275376

In article <2onb8c$eqa@ionews.io.org>, Gleb Esman <gesman@ionews.io.org> wrote:
>I looking for an information about today's best contigious wide coverage
>hand held scanners. Anything could compete with above model, or it's
>still on top? I'd appreciate posts or replies with somewhat detailed
>explanations.

Its my understanding the 7100 is a good scanner (>30mhz), but not a good shortwave receiver (<30mhz). I tried to get the best of both, on a budget. I bought a used PRO-2006 ($250) at a pawn store. And a used Sony 2010 ($220) here on the internet. Both of these are on the verge of going out of production. Hope their will be some equivalent replacements in the future.

2720. Re: 800 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-04-16 15:33:50 UTC
From: tharrell@nmsu.edu
Message-ID: <2op0guINNeck@dns1.NMSU.Edu>
Source record: 275377

sd2498@albnyvms.bitnet wrote:
: What frequency range should I be searching for in the 800+ area for cellular.
: Thanks
: ---Steve
870-894MHz, 30kHz spacing.
--

T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

2721. Re: New Radio Shack mag: Radio!

Newsgroup: rec.radio.scanner
Date: 1994-04-16 15:59:09 UTC
From: scan911@aol.com
Message-ID: <2op20d$4dl@search01.news.aol.com>
Source record: 275378

In article <2onj16$4ea@vixen.cso.uiuc.edu>, dhughes@prairienet.org (Dan Hughes) writes:

To those who are being critical of RADIO!:
Yes, Radio Shack is the primary advertiser in the magazine (notice there also are ads for CQ and the ARRL inside). The magazine is not designed to be technical in nature (there are other markets for that). RADIO!'s primary focus is to help others learn about the radio hobby while they are visiting their local Radio Shack store. For instance, a CBer visiting their local store to pick up a connector and may pick up the magazine and read about shortwave listening. The next time in the store, s/he may decide to get into the hobby of shortwave listening if the articles were of interest. So before you are critical of what Radio Shack is doing, keep in mind it also is serving a public interest in that it is exposing the radio hobby to others. The radio hobby has so many facets and there is room for everyone. The second edition of RADIO! already is being put together for this summer and I invite everyone to pick up that edition, too. And for what it's worth, the ads in RADIO! are so slick that it would be great to see some of them appear in general interest publications. They spent a lot of time making those ads and they need wider exposure (and more exposure to the radio hobby). 73,

Chuck Gysi, N2DUP
Contributing Editor
RADIO! magazine (and Popular Communications)
scan911@aol.com

2722. Re: INFO ON THE ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-04-16 16:03:02 UTC
From: scan911@aol.com
Message-ID: <2op27m$4f1@search01.news.aol.com>
Source record: 275379

In article <2onbns$8eo@jake.esu.edu>, prynda@esu.edu (Barbara Prynda) writes:

If you are planning on using the R1 around East Stroudsburg, the R1 will work fine for you. (Don't count on doing any DXing on HF and forget about anything but the strongest signal on AM BCB.) If you plan to use the R1 in an urban environment, most people I know recommend against it. My R1 works fine out here in Iowa, but when I am in Philly, forget it. It overloads. Regards,
Chuck Gysi, N2DUP
scan911@aol.com

2723. Re: Future of Scanning (DDS)

Newsgroup: rec.radio.scanner
Date: 1994-04-16 16:06:05 UTC
From: scan911@aol.com
Message-ID: <2op2dd$4fv@search01.news.aol.com>
Source record: 275380

In article <2oohbn$1oj@search01.news.aol.com>, henryb1275@aol.com (HenryB1275) writes:

Digital transmission modes and the future availability of digital receiving equipment is the real question in the future of scanning. New Hampshire State Police use the Motorola Astro digital system and Michigan State Police signed a contract for a similar statewide system last week. And some thought it was bad when New Jersey State Police went trunked!

Chuck Gysi, N2DUP
scan911@aol.com

2724. Re: Anything comparable or better than Yupiteru MVT-7100?

Newsgroup: rec.radio.scanner
Date: 1994-04-16 17:59:33 UTC
From: mjr@crl.com
Message-ID: <2op925$rg@crl2.crl.com>
Source record: 275382

In article <CoCyGK.2AD@metronet.com> copeland@metronet.com (Charles Copeland) writes:
>
>Its my understanding the 7100 is a good scanner (>30mhz), but not a good
>shortwave receiver (<30mhz). I tried to get the best of both, on a budget.
>I bought a used PRO-2006 ($250) at a pawn store. And a used Sony 2010 ($220)
>here on the internet. Both of these are on the verge of going out of
>production. Hope their will be some equivalent replacements in the future.
>
>
Not so... For a HANDHELD, the MVT-7100 is very good <30Mhz No, it can't
compete with a base unit, but I can listen to the major b-casters while
walking around the house with the stock whip antenna, and I have picked up
military and ham on SSB, etc. I'd say the issue here is HT vs base/mobile.
For an HT, there is nothing I've heard of that comes close to the 7100

--
matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70271,255 Internet: mjr@crl.com

2725. Re: New Radio Shack mag: Radio!

Newsgroup: rec.radio.scanner
Date: 1994-04-16 19:07:45 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2opd21$q5k@umcc.umcc.umich.edu>
Source record: 275383

In other words RADIO is an advertisement for Radio Shack. Now I get it. Actually I picked one up and it's a fair magazine for beginners. I assume it wasn't designed to be technical but to intice people to by more Radio Shack products. Not a bad gimmick if it works. As far as the other?(ads) since the ARRL and CQ don't sell radios I hardly count those as competitive ads.. Just a thought, but if isn't one big magazine ad why not a few Icom or Bearcat ads?
Les

2726. Toronto PD 800mhz trunked system ???

Newsgroup: rec.radio.scanner
Date: 1994-04-16 19:26:19 UTC
From: kheld@hookup.net
Message-ID: <kheld.3.2DB03BDB@hookup.net>
Source record: 275384

During the last year the Toronto PD switched over to a new 800mhz trunked system. Although I have a list of all the frequencies used and can monitor them, I am no longer able to listen to calls from a specific division.

I know that the cruisers only hear calls to/from cruisers in the same division.

Does anyone know how I can do this?

2727. Re: Yupiteru MVT7100 for sale (brand new in box)

Newsgroup: rec.radio.scanner
Date: 1994-04-16 19:28:45 UTC
From: crisp@netcom.com
Message-ID: <crispCoDA3y.2Fy@netcom.com>
Source record: 275385
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <CoBwCo.3qz@metronet.com> copeland@metronet.com (Charles Copeland) writes:
>>
>>The scanners are $700 each and the case is $30. Buyer pays shipping. I can
>
>I thought these went for $500 brand new. Maybe after the 26th they would
>be worth $700.
>

Yep, you guys still have a few days to give Jonathan Clough your money and
hope that it gets here before the 26th. You also have a bit of time to
spend a couple thousand dollars to go to Tokyo and buy one yourself.

Or you can either take your chances with customs after the 26th, or pay
market prices.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2728. European Lists was Re: 800 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-04-16 20:06:31 UTC
From: lieser@iccgcc.cs.hh.ab.com
Message-ID: <1994Apr16.150631.1@iccgcc.cs.hh.ab.com>
Source record: 275386

In article <2op0guINNeck@dns1.NMSU.Edu>, tharrell@nmsu.edu (Thomas J. Harrell) writes:
> sd2498@albnyvms.bitnet wrote:
> : What frequency range should I be searching for in the 800+ area for cellular.
> : Thanks
> : ---Steve
> 870-894MHz, 30kHz spacing.

Where's the cellular band in Europe? Is it in the 900 MHz region?
I somehow got the impression that it began at 950 MHz. I believe
that television in Europe goes all the way to around 860 MHz, or
perhaps even higher. Does anyone have a "general" frequency list
for Germany, in particular?

Thanks,
Ed Lieser

2729. Re: Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-16 22:53:42 UTC
From: pheel@panix.com
Message-ID: <2opq9m$5v4@panix2.panix.com>
Source record: 275387

S Willingham (harris.swilling@ic1d.harris.com) wrote:

: My question is: How come some of the conversation heard (as you are
: quickly passing through the band with your hands over your ears) is only
: one side of the conversation? Typically, the land line side. I think
: the cellular side that can usually be heard is the sidetone fed back to
: the cellular user, but why can't you always hear it? There must be a
: simple explaination. Maybe I'm just thinking too hard.

: Forgive me if this has been covered a zillion times before.

: ____
: Steve Willingham | "Will communicate during next
: swilling@ic1d.harris.com | favorable satellite overpass"

2730. Re: U of Waterloo Freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-16 23:30:38 UTC
From: goldberg@ionews.io.org
Message-ID: <2opseu$aak@ionews.io.org>
Source record: 275388

On 04-14-94 20:50, Jmichael@uoguelph.ca said this to All ---

Jm> I'm looking for frequencies for the University of Waterloo and Wilfred
Jm> Laurier University.

Jm> If anyone out there it netland has these freqs, it would be much
Jm> appreciated.

Hi Jesse,

Here are some freqs that may help you:

U of W: 151.1150
164.1000
463.9625

These are listed in the Haruteq Scanner Book...unfortunately, nothing is
listed for WLU - at least nothing that I could find.

TTYL!

Nathan

... VENI, VIDI, VICE - I came, I saw, I partied.
___ Blue Wave/QWK v2.12

--
** _/_ *******
Nathan A. Goldberg | goldberg@io.org _|\| |/|_
| Toronto, Ontario, Canada \ /
*** >________< *****

2731. Re: IDEA - Single Band Scanners

Newsgroup: rec.radio.scanner
Date: 1994-04-17 00:28:43 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Apr16.192844.2224@hnrc.tufts.edu>
Source record: 275389

In article <brett_miller.143.000D67BB@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
> In article <1994Apr13.231129.2213@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
>
>>Umm, why not build in all the modules?
>
> Good point. But I suppose the thing would become quite large. Another issue
> is that the manufacturers will cheat because they don't like diplicate
> components in the same box (not cost effective), so they will start combining
> things and we will wind up with "Uniden-like" scanners again.

The way miniaturization is working, it may well be possible to stop the box from getting too large. If the idea is sound, there'll be some manufacturer who do it and charge a premium to those who appreciate the quality (or so I'd hope. Guess we need a class below novice . . . naive!)

2732. G-Tech frequencies

Newsgroup: rec.radio.scanner
Date: 1994-04-17 00:40:02 UTC
From: mmitch94@aol.com
Message-ID: <2oq0h2$abn@search01.news.aol.com>
Source record: 275390

Does anyone have the freqs for the company 'G-Tech' which is the compant that makes and mantains lottery machines in Illinois. I think they also operate in Wisconsin.
Thanks,
MMitch@aol.com

2733. CTR-76 on sale $35, NEED A DELAY MOD

Newsgroup: rec.radio.scanner
Date: 1994-04-17 02:32:50 UTC
From: copeland@metronet.com
Message-ID: <CoDtqq.3L8@metronet.com>
Source record: 275391

Radio Shack has the CTR-76 voice activated recorder on sale for $35.
(regular $50). Its 7" X 4" X 1". Its got a mic in, ear out, and remote
input. The 6v AC adapter is $8 extra. Its speaker sounds very good.
It sounds *much* better than any walkman sized recorder I've heard.

I had looked at the walkman sized ones, but they were a pain to deal
with the controls with the two cables (mic in & power cable).
The desktop recorders just take up to much room, this ones just right.

Unfortunately the "hang time" of the voice activator is nine seconds.
This is to long, wastes tape between police call transmissions.

DOES ANYONE HAVE SCHEMATICS FOR THIS YET?

WHAT RESISTOR CONTROLS THE HANG TIME?

If no one responds I may buy the schematics and figure it out my self.

2734. Re: nationwide notification services?

Newsgroup: rec.radio.scanner
Date: 1994-04-17 02:42:15 UTC
From: mpage@netcom.com
Message-ID: <mpageCoDu6G.BF8@netcom.com>
Source record: 275392

David Stark (David.Stark@p2.f333.n2613.z1.fidonet.org) wrote:
: Someone at my place of employment told me that he was a member of a scanner
: notification service in Virginia that was tied into several other notification
: services. He said that monitors in just about any East Coast city could call
: an 800 number and report an incident to the "dispatcher", who would then send
: the info out over the members' alphanumeric pagers. He believes that the
: pagers were leased from SkyPage.

: Is anyone familiar with this wide-area system? I would like to contact
: someone about the details of hooking into the network, if it exists.

: ===
: David T. Stark, NF2G, KYR-7128, KNY2DJ
: Assistant Chief, University of Rochester Medical Center Fire Brigade
: Monroe County Pumpkin Patrol Coordinator
: Honorary Member of NYS Troopers Police Benevolent Association
: Fidonet 1:2613/333.2 RadioNet 500:10/18
: Internet david.stark@rochgte.fidonet.org
: ===
It is called Virginia Beach FireNet and it is part of the nationwide
cooperative of systems. I do not have the number at home but have at the
office if you would like to call me at (310) 8381-436. I run FireNet of
California ansd we make notifications to about 14 other nets throughout the
U.S. when we have a major incident. This was a MAJOR fire in Brooklyn, NY
today and the entire net was notified. Let me know if you find it or need my
help.
===
| Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436 |
| CIS: 71674,1610 | FireNet: California's Volunteer |
| Internet: mpage@netcom.com | Fire Notification System |
===
--
===
| Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436 | |
|==================================
	MEDIA PAGE
Internet: mpage@netcom.com	Breaking News Stories to
CIS: 71674,1610	the News Media since 1978
===

2735. Re: New Radio Shack mag: Radio!

Newsgroup: rec.radio.scanner
Date: 1994-04-17 03:10:52 UTC
From: dhughes@prairienet.org
Message-ID: <2oq9bs$esb@vixen.cso.uiuc.edu>
Source record: 275393

>To those who are being critical of RADIO!:
>The magazine is not designed to be
>technical in nature (there are other markets for that). RADIO!'s primary focus
>is to help others learn about the radio hobby while they are visiting their
>local Radio Shack store. .... So before you are
>critical of what Radio Shack is doing, keep in mind it also is serving a public
>interest in that it is exposing the radio hobby to others.

Chuck, I think you missed my point. I have no problem with the lack of
technical info in the magazine--I have a problem with Radio Shack charging
money for what is in essence a printed infomercial for Radio Shack. If
they REALLY want to help others learn about the hobby, they should give
the magazine free and expect to make the cost back from sales generated
by the articles and ads in the magazine. People not already interested
in radio are not likely to spend money on a magazine about radio, but
they might well read if it were tucked into the bag with their purchase.
--

2736. Re: INFO ON THE ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-04-17 04:04:11 UTC
From: csdfg@selway.umt.edu
Message-ID: <1994Apr17.040411.931@selway.umt.edu>
Source record: 275394

I bought my R1 about a year ago, and am still very glad I did. I wanted it mostly for its wide coverage up to 1300 mHz, no gaps. The price was right ($430+ at that time, from Universal Radio). ICOM's good reputation was another influence on my choice, besides the fact that it's also a very attractive looking unit. Initially, I was a bit unhappy about the front end overload it is subject to in high signal areas (like across the street from the police station or the local paging repeaters), but have since found that I can adapt to that situation somewhat by turning the squelch very high. Fortunately, I am not usually in the above mentioned high signal areas. While it's selectivity isn't nearly as good as a good table top set, I continue to be more than happy with the R1's sensitivity. I replaced the rubber duck antenna the R1 comes with, with a collapsible one from Radio Shack for under $10, as the duck's performance under 100 mHz is less than adequate. The RS antenna improves the R1's reception of shortwave signals more than I expected. On shortwave, you can expect to hear the major international broadcasters, but probably no DX. Since the R1 has no SSB capability, most ham monitoring (except for some CW) is out of the question. It performs downright poorly <5 mHz (I can hear WWV at 2500 kHz sometimes, and the in-town MW broadcasters). I have not received anything below the AM broadcast band. I don't worry about any of that though, because I have other radios for those bands. I would have bought the R1 with only 25-1300 mHz coverage.

Overall, it's a great little unit. I think its strongest selling point is its extremely small size and compactness. I take mine everywhere except the shower. Its extreme portability seems to encourage that. An _outstanding_ performer, tecnically speaking, it is not. If you want a better performer, there are other choices. However the R1, despite its shortcomings is no slouch either, and it's got a built-in stealth factor, thanks to its size. I'd buy another in a the wink of a flirtatious eye.

73s
David F. Glass, KB7ZGX
Missoula, MT
csdfg@selway.umt.edu

2737. Best of scanning revisited

Newsgroup: rec.radio.scanner
Date: 1994-04-17 06:47:14 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2oqm1i$92p@samba.oit.unc.edu>
Source record: 275395

Heard the other night...
Dispatch: Unit XXX, 10-17 (meet complaintant) at XYZ apartment complex,
apartment number YYY. Complaintant advises several suspects
have a potato shooter and are using it to shoot whole potatoes
all over the complaintant's parking lot.
XXX: 10-4

(a few minutes pass...)

XXX: 10-23 (arrived at scene)
Dispatch: Uh, XXX, 10-0 (caution) when you enter the parking lot there...
XXX: No doubt...

Sherrod

--

\ The above does not represent OIT, UNC-CH, laUNChpad, or its other users. /

2738. Re: Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-17 07:18:00 UTC
From: cscc1r@rosie.uh.edu
Message-ID: <17APR199402185091@rosie.uh.edu>
Source record: 275396

In article <9404151716.AA753@nwugate.fidonet.org>, Jerry.Smith@f747.n115.z1.fidonet.org (Jerry Smith) writes...
> h> Alot of times you can only hear one side of a celllular conversation
> h> because the call occurs between a long distance carier. Like if you
> h> call another state on your car phone most probably you could only listen
> h> with a scanner to one side of the call.
>
> The reason you can only hear one side of a cellular call is because the
>carriers are on to us scanner owners. The mobile side of the call is not
>'repeated' through the cellular tower. The landline side you will always
>hear.
>
> Jerry
> * Evaluation copy of Silver Xpress. Day # 0

Cellular calls operate on a full-duplex transmission system. The xmit from a celltower --> phone (forward channels) are exactly 45Mhz appart from the phone --> celltower (reverse channels). The only reason you may be able to hear both sides of a conversation while tuned to only one channel is that the microphone on the phone is picking up what's coming up on the receiver speaker of the same phone. You'll notice that phones like the motorola flip don't have a mike on the 'flip' mouthpice, but it housed internally with only a tiny hole to the outside world! Tuning to the tower freqs get better results because the towers put out more than a measly .6-2.0 watts tht the phones do.

2739. Discone Antenna

Newsgroup: rec.radio.scanner
Date: 1994-04-17 08:01:15 UTC
From: dwetzel@rain.com
Message-ID: <dwetzel.5.00080595@rain.com>
Source record: 275399

Does anyone out there have the correct formulae for design of a discone antenna?

2740. Build a scanner?

Newsgroup: rec.radio.scanner
Date: 1994-04-17 11:23:45 UTC
From: erik@fishtank.equinox.gen.nz
Message-ID: <766581825.12snx@fishtank.equinox.gen.nz>
Source record: 275397

Hi!

Well, Im just a poor student, and have been reading this newsgroup for a while and scanning sounds quite exciting. Unfortunatly there is no way I can buy a new scanner, and was wondering if there are any plans around somewhere, or a kit to buy to make a simple scanner.

Any help much appreciated.
Martin

2741. Re: Batteries LEAKED! Please HELP!!!

Newsgroup: rec.radio.scanner
Date: 1994-04-17 13:18:11 UTC
From: jdc3538@ultb.isc.rit.edu
Message-ID: <1994Apr17.131811.9299@ultb.isc.rit.edu>
Source record: 275398
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <1994Apr15.222242.10548@kcvax1> boothc@kenyon.edu writes:
>
>
>I seem to have a serious problem. My girlfriend mistakenly unplugged
>my Pro 43 with normal energizer batteries and placed the plug in the
>charge jack. To cut to the chase, my baterries leaked a bit. Fortunately
>the scanner was in an upright position so it did not leak "up" too far.
>I just discovered this, but decided to take off the back cover before
>I proceeded. The acid has discolored the bottom circuit board (the one
>on the side facing the keypad just below the battery contacts (where they
>connect).
>
>How do I get the acid stabalized and hope fully removed?
>
>
>Please e-mail suggestions to me asap because our newsreader downloads news
>packs once or twice a day. I believe time is of the essence.
>
>Carter
>
>boothc@kenyon.edu
>

You could try wiping it with a moist paper towel or Q-tips. If the
battery section is removeable or separate from the rest of the
radio, rinse it with water and rub any stubborn spots with Q-tips.
My theory is that you want to remove all those corrosive and hopefully
water-soluble chemicals.

The battery contacts also get corroded, and any plating on them may
be gone. Go over them with fine emery cloth, or a pencil eraser.

Good luck,
Jim

2742. Re: Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-17 16:16:01 UTC
From: scan911@aol.com
Message-ID: <2ornc2$ltl@search01.news.aol.com>
Source record: 275400

In article <17APR199402185091@rosie.uh.edu>, cscc1r@rosie.uh.edu (Doan, Thang Q.) writes:

I think it has something to do with those folks who use hands-free packages. Kinda becomes a VOX type unit almost.

2743. Opinions needed about RS Antenna

Newsgroup: rec.radio.scanner
Date: 1994-04-17 16:42:05 UTC
From: bschweik@k12.ucs.umass.edu
Message-ID: <1994Apr17.164205.2915@k12.ucs.umass.edu>
Source record: 275401

I'm looking at the Radio Shack 20-176 "VHF-HI/Air/UHF Scanner
Roof Antenna" because of its (relatively) small size and price.
I don't have the room to mount or conceal a discone; my antenna
will only come out at night.

Does anyone have experience with this antenna? Can you recommend
a similar antenna with a similar price from another vendor?
Please, no RS flames.
--
William W. Schweikert bschweik@k12.ucs.umass.edu
Northfield Mount Hermon School Voice: 413-498-5742
P. O. Box 2 498-3452
Mount Hermon, MA 01354 Fax: 413-498-3010

2744. Re: Batteries LEAKED! Please HELP!!!

Newsgroup: rec.radio.scanner
Date: 1994-04-17 16:49:07 UTC
From: ad52@ciao.cc.columbia.edu
Message-ID: <2orpa3$c0p@apakabar.cc.columbia.edu>
Source record: 275402
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

I've never cleaned battery acid off electronics before, but from my chemistry background, I would think something like a solution of baking soda (sodium bicarbonate) would help neutralize the acid. But please get a second opinion before trying this.

--Alan

2745. HT with extended RX (and the winner is . . .

Newsgroup: rec.radio.scanner
Date: 1994-04-17 17:15:05 UTC
From: gdallal@world.std.com
Message-ID: <CoEyL7.Fws@world.std.com>
Source record: 275403

And the winner is . . . the Standard C558A, even though it lacks the Yaesu FT-530's lighted keyboard and dual in-band receive and cost $120 more.

I was *all set* for the Yaesu. It had many attractive features missing from the Standard, and while some intermod problems had been reported, I decided they weren't critical because, while I work in Boston, I live outside the city. Other hams have Yaesu's and argue that where intermod is most severe (the towers on Route 128) there's no HT that doesn't suffer some intermod. People who wrote to me about Yaesu's were *truly* enthusiastic about their units. The people at HRO were enthusiastic about Yaesu's; even the salesman who admitted he thought the Standard was a better unit had a Yaesu on his belt (he bought it before the 558A was available). The unit clearly had a nice set of features, the best bang for the buck, and was manufactured to high production standards.

The choice was clear. Get the Yaesu. The lighted keypad was a big plus. The dual in-band receive had important consequences for scanning as well as for hamming. If intermod turned out to be a problem, I could move up to the rumored Standard when it came out and would probably take a smaller financial loss selling the Yaesu than the Standard (if, in the meantime, one of my sons didn't get licensed and get the unit as a hand-me-down). My credit card was in my hand.

But there was one *little detail*. As I reported publicly and mentioned privately, I was going to compare the HT's against my PRO-43 to see how they functioned as makeshift scanners. As luck would have it, HRO had a used FT-530 for sale, and *it had been modified for extended receive*.

It is illegal to listen in on cellular frequencies, but, I believe (and others more knowledgeable should comment) one exception to the rule is for the purpose of antenna testing. So, we set the volume and squelch on the Yaesu and the 43 and got ready to see just how many transmissions each would lock on as we went up the band.

No company publishes specs for out-of-band behavior. Even though the Yaesu has steps of 5, 10, 12.5, 15, 20, 25, and 50 kHz in band, in this particular range it would allow steps of 12.5 kHz only.

This is a political issue for me. It is illegal to listen to cellular, so I do not listen to cellular. However, I, along with many others, believe that this law is foolish and inappropriate because if signals pass through our bodies, we should be free to listen to them as we please. (Some would say we should be free to do *whatever we want* with them.) I also think there is a good chance that as soon as this law is tested in federal court it will be found unconstitutional. For this reason, I do not wish to own any equipment that has been permanently crippled like the FT-530, if an alternative is available.

As far as I can tell, the Standard is not crippled this way. Its steps (the same as the FT-530's) appear to be available for out-of-band RX. And so I purchased a 558A.

If I acted too hastily, it's only that I probably should have given the IC-W21AT some further consideration. Having decided earlier that the FT-530 overshadowed the W21-AT, I neglected to move it back to the list of possibilities when the FT-530 was eliminated. The W21AT, too, has lighted keyboard and dual in-band receive. I didn't check out-of-band step sizes, though.

2746. Re: Morse Trivia Question

Newsgroup: rec.radio.scanner
Date: 1994-04-17 19:12:21 UTC
From: jqtaylor@boi.hp.com
Message-ID: <CoF40M.Ast@boi.hp.com>
Source record: 275404

Joe Bushinski (jbush@advtech.uswest.com) wrote:

: I hear morse on the audio sub-carriers on satellite on 'C' and 'Ku' band.
: That is 11+ Ghz

I guess sending Morse Code like the Boy Scouts do with mirrors would put us
up into the wavelength of light. How 'bout x-ray LASERs!?

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MST = GMT - 7) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 430 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

2747. Re: INMARSAT

Newsgroup: rec.radio.scanner
Date: 1994-04-17 20:10:51 UTC
From: anton@fraser.sfu.ca
Message-ID: <anton.766613451@sfu.ca>
Source record: 275405
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Lee I read your post with interest and tried to e-mail back but it bounced
I'd be most interested in hearing about your receiver, antenna, etc that you
use to pull in INMARSAT signals and what your experience has been in what you
hear on that bird. I'm quite interested in trying to monitor this bird and
I'm looking at what options (preferably cheap) I can use. Down East Microwave
has a loop yagi and pre-amp for 1536 mhz and I'm looking for a downconverteer
as teh cost of an ICOM R7100 might include a divorce lawyer. I'd appreciate if you could
e-mail me at anton@fraser.sfu.ca, post again with a phone number or call me at
604-755-3447(days) 604-758-3038(evenings) Pacific standard. I'm hoping to
try pulling in some military comm sats today if the PRO2004, pre-amp, and
antenna come together and I point in the right direction. Hope to hear from
you (or any other INMARSAT afficionados)

Chris Anton

2748. Re: New Radio Shack mag: Radio!

Newsgroup: rec.radio.scanner
Date: 1994-04-17 23:29:12 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Apr17.182912.2229@hnrc.tufts.edu>
Source record: 275406

In article <2oq9bs$esb@vixen.cso.uiuc.edu>, dhughes@prairienet.org (Dan Hughes) writes:
>
> Chuck, I think you missed my point. I have no problem with the lack of
> technical info in the magazine--I have a problem with Radio Shack charging
> money for what is in essence a printed infomercial for Radio Shack. If
> they REALLY want to help others learn about the hobby, they should give
> the magazine free and expect to make the cost back from sales generated
> by the articles and ads in the magazine. People not already interested
> in radio are not likely to spend money on a magazine about radio, but
> they might well read if it were tucked into the bag with their purchase.
> --

I'm not sure if RS is completely to blame here. Before they started charging for the catalog, it was quite common for employees of RSs located in malls to take a pass through the mall at the end of the day to see how many catalogs they could recover (left behind, in part, by people, dragged along to the mall by another family member, who used the catalog as a diversion). I wonder if the same considerations were in effect here. (In the same vein, I'm real curious to learn how charging for the catalog affected sales. On the one hand, they saved on catalog costs; on the other hand, . . .)

RS isn't alone here. About 18 months ago, SONY started charging $5 for their catalog of consumer products. They even took out ads for it. Did anyone actually *buy* one?

2749. Re: New Radio Shack mag: Radio!

Newsgroup: rec.radio.scanner
Date: 1994-04-18 00:20:01 UTC
From: scan911@aol.com
Message-ID: <2osjnh$qve@search01.news.aol.com>
Source record: 275407

In article <1994Apr17.182912.2229@hnrc.tufts.edu>, jerry@hnrc.tufts.edu (Jerry Dallal) writes:

I guess I can look at it two ways, folks....

No. 1 -- If you don't wanna pay for it, let the RS dude whose picture is inside the magazine know. Write him a letter stating the same.

No. 2 -- The price is about half of what any other radio magazine runs, so they are cutting you a break to begin with.

Believe it or not, but if every Radio Shack store sells out of their allocated copies, the circulation for RADIO! will be well more than any other hobby radio publication, including the ham magazines.

And for what ever it's worth, I would be willing to accept story ideas on things you'd like to see in the upcoming editions. If it works for me and the other editors, we'll give it a try!

Chuck Gysi, N2DUP
Contributing editor, RADIO!
scan911@aol.com

2750. Re: New Radio Shack mag: Radio!

Newsgroup: rec.radio.scanner
Date: 1994-04-18 01:03:58 UTC
From: dhughes@prairienet.org
Message-ID: <2osm9u$fpq@vixen.cso.uiuc.edu>
Source record: 275408

In a previous article, jerry@hnrc.tufts.edu (Jerry Dallal) says:

>In article <2oq9bs$esb@vixen.cso.uiuc.edu>, dhughes@prairienet.org (Dan Hughes) writes:
>>
>curious to learn how charging for the catalog affected sales. On the one hand,
>they saved on catalog costs; on the other hand, . . .)

The Radio Shack stores around here still give the catalogs away--they
just rip out the $3.00 coupon and "pay" themselves for the catalog with that.
--

2751. filter

Newsgroup: rec.radio.scanner
Date: 1994-04-18 04:50:12 UTC
From: bushland@jolt.mpx.com.au
Message-ID: <2ot3i4$6ic@inferno.mpx.com.au>
Source record: 275409

help needed.... i am seeking high quality filters with bnc connectors to attach to scanners to filter out television and fm radio transmissions.

any help appreciated....

2752. Mexico Frequencies...

Newsgroup: rec.radio.scanner
Date: 1994-04-18 06:00:48 UTC
From: mstone@nyx10.cs.du.edu
Message-ID: <1994Apr18.060048.28347@mnemosyne.cs.du.edu>
Source record: 275410

I was just down recently in Peurto Vallarta, Mexico and brought down my
Pro 43 scanner with me .. Well I have a list of frequencies that I heard
but dunno what they are.. most of them were in Spanish.. I know some
are marine frequencies but the rest i wouln't mind finding out exactly
what they are..
Well here there are..
157.125, 156.700, 157.425, 150.390, 149.800, 158.300, 148.675, 156.450,
149.625, 158.300, 157.850, 156.750, 156.650, 160.450, 150.440, 156.400,
163.725, 155.025, 149.840, 166.425, 148.125, 162.080, 159.950, 162.600,
150.075, 156.000, 156.000, 157.850, 158.500, 148.800, 150.440, 156.875.
159.825, 148.075, 155.025, 156.950, 157.100, 155.520, 165.525, 156.375,
156.050, 156.575, 156.800, 155.950, 158.775, 158.025, 171.580, 156.975,
165.400, 151.275, 156.325, 158.775, 165.100, 143.950, 149.800, 157.175,
165.100, 143.750, 143.600.

Well all those frequencies are voice for the exception of..
150.390, 151.2750 which sounds like some kind of data bursts.
and 143.950, 143.600 which were a constant tone..

I wasn't in exactly the city of Peurto Vallarta either but in a
little village east of it called Mismoloya.. Well any help in iding
these freq's is appreciated.

Matthew

2753. Advice: Mobile scanner for Vehicle

Newsgroup: rec.radio.scanner
Date: 1994-04-18 06:04:22 UTC
From: gregm@ccwf.cc.utexas.edu
Message-ID: <gregm-170494230422@slip-2-5.ots.utexas.edu>
Source record: 275411

I'm looking in installing a scanner into my vehicle. What are the pro/s and cons of using a handlheld vs one designed for vehicles. Does any one have any experience with mobile scanners. I'm only aware of one made by uniden. Can anyone point me in the right direction?

--
Greg Middleton
gregm@ccwf.cc.utexas.edu

2754. Re: Yupiteru MVT7100 for sale (brand new in box)

Newsgroup: rec.radio.scanner
Date: 1994-04-18 06:21:42 UTC
From: edward@cs.ualberta.ca
Message-ID: <2ot8tm$k2n@scapa.cs.ualberta.ca>
Source record: 275412
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

crisp@netcom.com (Richard Crisp) writes:

>In article <CoBwCo.3qz@metronet.com> copeland@metronet.com (Charles Copeland) writes:
>>>
>>>The scanners are $700 each and the case is $30. Buyer pays shipping. I can
>>
>>I thought these went for $500 brand new. Maybe after the 26th they would
>>be worth $700.
>>

>Yep, you guys still have a few days to give Jonathan Clough your money and
>hope that it gets here before the 26th. You also have a bit of time to
>spend a couple thousand dollars to go to Tokyo and buy one yourself.

>Or you can either take your chances with customs after the 26th, or pay
>market prices.

Radio Lorenz
482 Ste. Catherine St. West
Montreal, Quebec H3B 1A6
ph: (514) 392-9200
fax: (514) 392-4767

MVT-7100 for $739can = ~540us ....

and is readily available from many other places in Canada. Just come
up and visit the true (and free) north!! :)

ed

2755. Cheap scanner antenna project idea

Newsgroup: rec.radio.scanner
Date: 1994-04-18 10:39:32 UTC
From: brucehd@ids.net
Message-ID: <1994Apr18.053932.1@ids>
Source record: 275413

Here's a cheap, quick, and although a bit ugly, excellent performing antenna idea for scanner users for vhf and up.

Parts:
10' 1-1/2" pvc pipe
10' multi-conductor rotor control cable
52 or 75 ohm coax (as much as you need, recommend lightweight stuff)
proper connector for scanner
electrical tape

Cut the piece of rotor cable in half. Strip all the conductors on one end of each and twist them together. Carefully strip one end of the coax about 1". Use a comb to unbraid the shield, and twist the strands together. Strip the center conductor about 1/2". Solder the shield to the twisted end of one of the halves of rotor cable, the center conductor to the other. Insulate with electrical tape, such that the two halves of rotor cable and coax form a "T." (Ensure the two sides don't cross.)

Now the number of conductors the rotor cable should have should equal the bands you wish to monitor. Determine a central point between the frequencies you wish to monitor in each band. (For instance in the VHF/Hi band, I usually listen to freqencies between 156 and 162 MHz, so for that band I chose 159 MHz as the center freq. Also, since my scanner is an inexpensive model covering VHF/Lo, VHF/Hi, and UHF, I opted to use a three conductor rotor cable.) Use the formula, 468/(center frequency in MHz), to determine the overall length, from end to end, for each pair of conductors. The longest length would be about 10', which centers above 40 MHz, but works well for the whole band just the same. Cut each pair for each band as you go up in frequency.

Stretch the entire antenna along the the length of the PVC pipe and secure it with the electrical tape. Also tape over the ends of each conductor to seal against moisture. Wrap the center where the coax is connected in an "X" pattern to provide strength and support to that spot.

Mount the antenna vertically. I mounted mine to a sewer vent pipe with the remainder of the electrical tape. It's ugly, but it has been up almost two years and has withstood all sorts of nasty New England weather. I know someone who mounted hers to a fire escape with a couple of hose clamps. Whatever works.

Guide the coax to your radio as neatly as you can, attempting to keep the coax as perpendicular as possible to the antenna. Cut the coax to

length and attach the connector.

What this is is basically a multiband vertical dipole. It will easily outperform a discone in the bands it is cut for, and just about any other scanner antenna out there. I know two hams who use the same design for the 2m, 135cm, and 70cm ham bands (using good quality RG-8 style coax to minimize transmission losses).

Total cost should be less than $10.

Have fun.
-b-

2756. Re: how do you monitor police 800mhz systems??

Newsgroup: rec.radio.scanner
Date: 1994-04-18 11:18:46 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.150.000B5067@ccm.hf.intel.com>
Source record: 275423

In article <766467596.AA08861@rochgte.fidonet.org>
David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:
> > From: brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ)
> > Organization: Intel Corp.

> > FYI General trunking assignments are made in 5 channel blocks,
> > separated by
> > 1MHz. So the first set might be 861.2375, 862.2375, up to 865.2375

> I have seen that statement made in a lot of places, but none of the SMRs
>that I have found in Rochester, Buffalo or Syracuse (NY) or any of the places
>in between (Bristol, Attica, etc) are set up that way. Nor are the ones in
>Niagara Falls or Toronto, Ontario.

Well, that is what the Code of Federal Regulations says, but I'm sure there
are exceptions. If it is a leased system, the channels could be all over the
place.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2757. Re: Batteries LEAKED! Please HELP!!!

Newsgroup: rec.radio.scanner
Date: 1994-04-18 11:23:21 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.151.000B63FC@ccm.hf.intel.com>
Source record: 275424
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <1994Apr15.222242.10548@kcvax1> boothc@kenyon.edu writes:

>I seem to have a serious problem. My girlfriend mistakenly unplugged
>my Pro 43 with normal energizer batteries and placed the plug in the
>charge jack. To cut to the chase, my baterries leaked a bit. Fortunately
>the scanner was in an upright position so it did not leak "up" too far.
>I just discovered this, but decided to take off the back cover before
>I proceeded. The acid has discolored the bottom circuit board (the one
>on the side facing the keypad just below the battery contacts (where they
>connect).

>How do I get the acid stabalized and hope fully removed?

>Please e-mail suggestions to me asap because our newsreader downloads news
>packs once or twice a day. I believe time is of the essence.

>Carter

>boothc@kenyon.edu
>

For some reason, my outgoing email isn't working...

I'm no chemist, but I think baking soda (maybe mixed with a little water)
should do the trick. I know it works with car batteries (lead acid), but I've
never tried it with alkalines.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2758. Re: European Lists was Re: 800 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-04-18 11:30:27 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.152.000B823F@ccm.hf.intel.com>
Source record: 275327

In article <1994Apr16.150631.1@iccgcc.cs.hh.ab.com> lieser@iccgcc.cs.hh.ab.com (x3670) writes:

>Where's the cellular band in Europe? Is it in the 900 MHz region?
>I somehow got the impression that it began at 950 MHz. I believe
>that television in Europe goes all the way to around 860 MHz, or
>perhaps even higher. Does anyone have a "general" frequency list
>for Germany, in particular?

>Thanks,
>Ed Lieser

Here is a handy list I saved from an earlier post. Don't bug me if its wrong.

From
ornews.intel.com!chnews!asuvax!gatech!howland.reston.ans.net!EU.net!ub4b!news.cs.kuleuven.ac.be!blek
ul11!alijku11!k3006e1 Tue Jan 18 09:16:31 MST 1994
Article: 1383 of rec.radio.scanner
Path:
ornews.intel.com!chnews!asuvax!gatech!howland.reston.ans.net!EU.net!ub4b!news.cs.kuleuven.ac.be!blek
ul11!alijku11!k3006e1
Organization: Johannes Kepler University Linz - Computing Center
Date: Sat, 15 Jan 1994 13:59:43 CET
From: Harald Landvoigt <K3006E1@ALIJKU11.BITNET>
Message-ID: <94015.135943K3006E1@ALIJKU11.BITNET>
Newsgroups: rec.radio.scanner
Subject: cellular frequencies info
Lines: 138

hi everbody!
scanning cellular phone frequencies is illegal in most countries....
so here is a list of cellular phone freq. you should NOT!:-) enter into your
receiver/scanner (depending on where you live)....
i found this listing in the '92 PROCOM antenna catalogue. it's not very
up to date but i think it will tell you where NOT!:-) to scan .....

have fun:-)....
Harald
==========
====

450 MHz CELLULAR NETWORKS
- in alphabetic order
- as per August 1991

COUNTRY NETWORK ABBRE MOBILETX MOBILERX TUNINGFREQ.

VIATION MHz

AUSTRIA NMT-450 AUS 451.3-455.8 461.3-465.8 456.0

BELGIUM NMT-450 BNL 451.3-455.8 461.3-465.8 456.0

CZECKOSLOVAKIA - CZ 452.0-456.5 462.0-466.5 456.5

DENMARK NMT-450 NMT 453.0-457.5 463.0-467.5 457.5

FAROE ISLANDS NMT-450 NMT 453.0-457.5 463.0-467.5 457.5

FINLAND NMT-450 NMT 453.0-457.5 463.0-467.5 457.5

FRANCE RADIOCOM2000 R2000 414.8-418.0 424.8-428.0 419.0

FRANCE SFR (NMT-F) SFR 450.0-454.6 440.0-444.6 450.0

GERMANY C-NET (C-450) CNET 450.0-455.8 460.0-465.8 455.0

HUNGARY NMT-450 HUN 465.5-470.0 455.5-460.0 465.5

ICELAND NMT-450 NMT 453.0-457.5 463.0-467.5 457.5

INDONESIA NMT-470 IND 479.0-483.5 489.0-493.5 483.5

ITALY RTMS RTMS 450.0-454.8 460.0-464.8 455.0

MALAYSIA ATUR-450 MAL 452.0-456.5 462.0-466.5 456.5

MAROCCO NMT-450 MAR 463.0-467.5 453.0-457.5 463.0

MEXICO - MEX 495.0-496.5 475.0-476.5 492.5

NETHERLANDS NMT-450 BNL 451.3-455.8 461.3-465.8 456.0

NORWAY NMT-450 NMT 453.0-457.5 463.0-467.5 457.5

OMAN - OMAN 438.4-442.9 428.4-432.9 438.0

POLAND - POL 452.5-457.0 462.5-467.0 457.0

PORTUGAL C-NET (C-450) POR 453.0-457.5 463.0-467.5 457.5

SAUDI ARABIA 1 - SAU1 458.7-463.3 448.7-453.3 459.0

SAUDI ARABIA 2 - SAU2 438.4-442.9 428.4-432.9 438.5

SCANDINAVIA NMT-450 NMT 453.0-457.5 463.0-467.5 457.5

SOUTH AFRICA C-NET (C-450) SAF 465.5-469.5 455.5-459.5 465.0

SPAIN NMT-450 ESP 454.3-458.8 464.3-468.8 459.0

SWEDEN NMT-450 NMT 453.0-457.5 463.0-467.5 457.5

THAILAND - THAI 479.0-483.5 489.0-493.5 483.5

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900 MHz CELLULAR NETWORKS
- in alphabetic order
- as per August 1991

COUNTRY NETWORK ABBRE MOBILETX MOBILERX TUNINGFREQUENCY

VIATION MHz MHz MHz

AUSTRIA ETACS ETACS 872.0-905.0 917.0-950.0 895

DENMARK NMT-900 NMT 890.0-915.0 935.0-960.0 910

EUROPE GSM GSM 890.0-915.0 935.0-960.0 910

FINLAND NMT-900 NMT 890.0-915.0 935.0-960.0 910

FRANCE Radiocom 2000 R2000 884.0-890.0 929.0-935.0 900

HONG KONG ETACS ETACS 870.0-905.0 917.0-950.0 895

ICELAND NMT-900 NMT 890.0-915.0 935.0-960.0 910

ITALY TACS TACS 890.0-902.8 935.0-947.8 910

KUWAIT ETACS ETACS 872.0-905.0 917.0-950.0 895

MACAU TACS TACS 897.5-905.0 942.5-950.0 915

MALAYSIA ETACS ETACS 872.0-905.0 917.0-950.0 895

NETHERLANDS NMT-900 NMT 890.0-915.0 935.0-960.0 910

NORWAY NMT-900 NMT 890.0-915.0 935.0-960.0 910

SCANDINAVIA NMT-900 NMT 890 0-915.0 935.0-960.0 910

SPAIN ETACS ETACS 872.0-905.0 917.0-950.0 895

SWEDEN NMT-900 NMT 890.0-915.0 935.0-960.0 910

SWITZERLAND NATEL-C NATC 890.0-915.0 935.0-960.0 910

UK ETACS ETACS 872.0-905.0 917.0-950.0 895

USA EAMPS EAMPS 824.0-849.0 869.0-894.0 845

This information is given to the best of our knowledge as per August 1991. As network frequencies are often modified
(mostly for expansion) please check with national authorities before relying completely on the frequencies stated.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2759. Re: LoJack Freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-18 11:42:08 UTC
From: x93richards5@wmich.edu
Message-ID: <1994Apr18.064208.17388@wmichgw>
Source record: 275414

In article <2ojuii$36b@vtc.tacom.army.mil>, dmsmith@tacom-emh1.army.mil (SMITH Dennis H) writes:
> LOJACK is in use in the Detroit area also. 173.075 Mhz is the frequency
> I put in my BC200XLT priority channel for several weeks, I did not
> hear a thing. Detroit (the stolen car capital of michigan) does not
> have LOJACK in there cars. Some of the burbs no longer use them.

Look closer there are 85 cars in detroit alone that have lojack.
Most units are in the IOU division. 800 trunk I hear them finding
cars all the time. All the suburbs also have it. Most are installed
in undercover units. Note the 4 18" whips are no longer needed.
The ant is in the roof now. As far as 173.075 it is a good freq.

Varified it using a PRO-43 (My job involves public safety) and
found range to be only 600-700 feet with the scanner. The lojack
unit is aprox 1/2 mile.

Isnt Detroit area easier to monitor now that most departments
have gone to the 423-425 mhz band....

Happy Monitoring

2760. Selling CA freq guides

Newsgroup: rec.radio.scanner
Date: 1994-04-18 11:43:08 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.153.000BB86D@ccm.hf.intel.com>
Source record: 275329

I have moved and no longer need a few of the frequency directories from
California.

1. Robert Kelty's (Mobile Radio Resources) "Government Radio Systems"
This book is a few years old (6th edition?), but most frequencies are still
accurate. This is the big greenish-blue guide that covers all of California
in lots of detail. New it cost about $30, I am asking $10.00

2. 1993 FCC microfiche for California. I think there are about 13 fiche. I
bought it from the Bearcat Radio Club last year for $15. Asking $5.00

I'll probably find more stuff as I unpack, but that's it for now.
Please e-mail replies.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2761. Re: IDEA - Single Band Scanners

Newsgroup: rec.radio.scanner
Date: 1994-04-18 11:47:56 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.154.000BCCE9@ccm.hf.intel.com>
Source record: 275330

In article <1994Apr16.192844.2224@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:

>In article <brett_miller.143.000D67BB@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>> In article <1994Apr13.231129.2213@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
>>
>>>Umm, why not build in all the modules?
>>
>> Good point. But I suppose the thing would become quite large. Another issue
>> is that the manufacturers will cheat because they don't like diplicate
>> components in the same box (not cost effective), so they will start combining
>> things and we will wind up with "Uniden-like" scanners again.

>The way miniaturization is working, it may well be possible to stop the box
>from getting too large. If the idea is sound, there'll be some manufacturer
>who do it and charge a premium to those who appreciate the quality (or so I'd
>hope. Guess we need a class below novice . . . naive!)

I thought of another reason not to put all units in one box. With that many oscillators, crystals, processors, etc, you'd have birdies all over the place!

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2762. Re: Question about Bearcat Scanner

Newsgroup: rec.radio.scanner
Date: 1994-04-18 14:42:53 UTC
From: Fritz@ritz.onw.com
Message-ID: <029091DRAVJKMCRIDEGP@ritz.onw.com>
Source record: 275415

The BCT-2 scanner has the ability to pick up locater beacons
that most HP's have installed in their cars. I have a friend
that just got one and I am very anxious to see it work. If
it works the way I thing it does I will not need to use
my radar detecter any more. The scanner will alert you to an officer
in the local area. I hope that helps.

FriTz at The Ritz !!!

-= Online Northwest / RITZ BBS =-
-Making the Connection-
Seattle, WA 206.248.3020
========================= !!! Automated Notice !!! ======================
E-mail replies to this user should have the following on the first line
of message text: TO: Fritz
==

2763. Tx, Rx, and PL Tone books

Newsgroup: rec.radio.scanner
Date: 1994-04-18 15:20:44 UTC
From: ckf@christa.unh.edu
Message-ID: <2ou8gc$boi@mozz.unh.edu>
Source record: 275416

I know there are alot of books, scanner guides, etc. out there, but does anyone know of a guide that covers Tx, Rx, and DTMF/PL tones too? (Mainly NH, but anything would be good.)
Most of the guides I've seen only have the Rx freq's for scanner use. Post or e-mail.. ckf@christa.unh.edu

Thanks!

Chris Fowler

2764. Re: Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-18 15:22:46 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Apr18.152246.29665@alw.nih.gov>
Source record: 275417

Doan, Thang Q. (cscc1r@rosie.uh.edu) wrote:
[stuff deleted]
: to hear both sides of a conversation while tuned to only one channel
: is that the microphone on the phone is picking up what's coming up
: on the receiver speaker of the same phone. You'll notice that phones like
: the motorola flip don't have a mike on the 'flip' mouthpice, but it housed
[stuff deleted]

I thought that this was a function of the link to the phone system and that some phone systems would echo back the caller's voice as well as that of the callee. I don't think that this has anything to do with the physical design of the phones. I'm under the impression that it's kind of the difference between "local echo" on a terminal and having the remote system echo the keystrokes. Many times the remote phone system echos back your voice so, just like on the remote computer that shows you its output as well as your keystrokes, you hear your voice and that of whomever you've called.

If I'm wrong about this, maybe someone who knows for sure can chime in.

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2765. Re: Police, Fire, and EMS Frequencies in Atlanta?

Newsgroup: rec.radio.scanner
Date: 1994-04-18 15:24:14 UTC
From: ckf@christa.unh.edu
Message-ID: <2ou8mu$bp5@mozz.unh.edu>
Source record: 275418

check the newsgroup "misc.emerg-services". Someone may be able to help
you there!

2766. Re: Virtual channels on trunk frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-18 16:01:28 UTC
From: djc@terapin.com
Message-ID: <djc.3v33@terapin.com>
Source record: 275419

> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) wrote:
>
> While I'm on a roll here, let me add that another feature used
> by police is a "capture" feature. They can press a button and hold a repeater
> so it will always be available. In a busy system, it could be very dangerous

The Oakland Police are having a lot of trouble with these new radio's. Oakland installed there GE system last year and apparently the police radio's keep going in to the emergency mode and so forth. A detective told me that these radio's are a real hassle so I guess the technology isn't working as well as they thought it would.

djc@terapin.com Out!

2767. Re: Police, Fire, and EMS Frequencies in At

Newsgroup: rec.radio.scanner
Date: 1994-04-18 17:05:31 UTC
From: jkimbro@mezzrtm.lasc.lockheed.com
Message-ID: <CoGst8.143@butch.lmsc.lockheed.com>
Source record: 275420

In article bp5@mozz.unh.edu, ckf@christa.unh.edu (Christopher K Fowler) writes:
>check the newsgroup "misc.emerg-services". Someone may be able to help
>you there!
>
>

If the original requestor will email me at jon.kimbrough@atlwin.com (not the address below!) I will try to help them out.

Jon Kimbrough jkimbro@lasc.lockheed.com
=====
Disclaimer: The opinions expressed herein, either stated or implied, are solely my own and do not reflect Lockheed's views in any manner.

2768. Re: Opinions needed about RS Antenna

Newsgroup: rec.radio.scanner
Date: 1994-04-18 17:22:31 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.160.00116094@ccm.hf.intel.com>
Source record: 275340

In article <1994Apr17.164205.2915@k12.ucs.umass.edu> bschweik@k12.ucs.umass.edu (Bill Schweikert (NMH)) writes:

>I'm looking at the Radio Shack 20-176 "VHF-HI/Air/UHF Scanner
>Roof Antenna" because of its (relatively) small size and price.
>I don't have the room to mount or conceal a discone; my antenna
>will only come out at night.

>Does anyone have experience with this antenna? Can you recommend
>a similar antenna with a similar price from another vendor?
>Please, no RS flames.
>--
>William W. Schweikert bschweik@k12.ucs.umass.edu
>Northfield Mount Hermon School Voice: 413-498-5742
>P. O. Box 2 498-3452
>Mount Hermon, MA 01354 Fax: 413-498-3010

I have one of these (I think - is it the one with 3 ground radials, two little vertical elements, and one 15" vertical element??) anyway they cost about $15 and work just fine. You are not going to pull in weak signals, but for general scanning it works well. A well kept secret is that these have good SWR on 2m and 440 for transmitting!! (I tested it).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2769. need freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-18 17:43:00 UTC
From: bill.houghtaling@wfe.chi.il.us
Message-ID: <9404181606193181@wfe.chi.il.us>
Source record: 275421

Jerry,
Nice to meet you on the here on the net. I read with interest your list of freq's in DuPage county.

I often listen to DuPage County Sheriff, Woodridge, Naperville and Lisle.

The parts I do not understand are the signals and codes used. For example, a DPS might say a "181" or a"330." Woodridge might use a four digit code. Where can I find a list of these codes.

Thanks in advance for your help.

Bill, NA9I

in Naperville

* CmpQwk #UNREG* UNREGISTERED EVALUATION COPY

2770. Re: Yupiteru MVT7100 for sale (brand new in box)

Newsgroup: rec.radio.scanner
Date: 1994-04-18 17:47:23 UTC
From: crisp@netcom.com
Message-ID: <crispCoGuqz.HJ8@netcom.com>
Source record: 275422
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <2ot8tm$k2n@scapa.cs.ualberta.ca> edward@cs.ualberta.ca (Edward Mantey) writes:
>crisp@netcom.com (Richard Crisp) writes:
>
>>Yep, you guys still have a few days to give Jonathan Clough your money and
>>hope that it gets here before the 26th. You also have a bit of time to
>>spend a couple thousand dollars to go to Tokyo and buy one yourself.
>
>>Or you can either take your chances with customs after the 26th, or pay
>>market prices.
>
>Radio Lorenz
>482 Ste. Catherine St. West
>Montreal, Quebec H3B 1A6
>ph: (514) 392-9200
>fax: (514) 392-4767
>
>MVT-7100 for $739can = ~540us ....
>
>and is readily available from many other places in Canada. Just come
>up and visit the true (and free) north!! :)
>
>ed
>

Just be aware that if you do so, that you must bring it in before the 26th
is over and that you will pay an import duty. If you bring it in after the
26th, you will be smuggling contraband.

I understand heroin is very cheap in Bangkok Thailand, but bringing it
into the US is a risky affair indeed! I certainly do not recommend it.

By the way only one of the MVTs is left now and the carrying case is gone
too. You guys may like to complain about someone making a slight profit
but when was the last time you were willing to tell your employer you
did not need your paycheck? Or when did you suggest to your grocer
that it was immoral to make a profit on a necessity like food?

There is a science of the allocation of scarce resources. It is called
economics. You may find it to be an interesting source of information
of free market dynamics.
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"

-Will Rogers

2771. Re: Tx, Rx, and PL Tone books

Newsgroup: rec.radio.scanner
Date: 1994-04-18 18:27:02 UTC
From: scan911@aol.com
Message-ID: <2oujdm$9om@search01.news.aol.com>
Source record: 275325

In article <2ou8gc$boi@mozz.unh.edu>, ckf@christa.unh.edu (Christopher K Fowler) writes:

Check with Scanner Master Books.....800-SCAN-701. They DO publish PLs!

2772. Re: Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-18 18:29:02 UTC
From: scan911@aol.com
Message-ID: <2oujhe$9pm@search01.news.aol.com>
Source record: 275326

In article <1994Apr18.152246.29665@alw.nih.gov>, weisen@alw.nih.gov (Neil Weisenfeld) writes:

The local echo idea doesn't fly. Sometimes voice is heard, other times it isn't. And that's all on the same system or tower.

2773. LOJACK and More

Newsgroup: rec.radio.scanner
Date: 1994-04-18 18:32:59 UTC
From: dmsmith@tacom-emh1.army.mil
Message-ID: <2oujor$18j@VTC.TACOM.Army.Mil>
Source record: 275328

Dennis Smith writes:
Detroit (the stolen car capital of michigan) does not
have LOJACK in there cars. Some of the burbs no longer use them.

Chuck Reti writes:
True, but the Detroit PD and most Suburban departments never
did outfit their units with LOJACK. The Michigan State Police
units in the Detroit area have a number of vehicles equipped with
LOJACK direction finders. A casual scanner listener may well never
hear the signals unless they are in their immediate vicinity, as
the signals from the activated transmitters are rather low power.

> Well Chuck Detroit is a large city (about 120 square miles) if I
> were a betting man I would bet you lived on the west side of the city.
> Over here on the N.E. side that borders Macomb county the burbs did
> in fact have LOJACK and still have but it appears in fewer quanity.

> Dennis

Look closer there are 85 cars in detroit alone that have lojack.
Most units are in the IOU division. 800 trunk I hear them finding
cars all the time. All the suburbs also have it. Most are installed
in undercover units. Note the 4 18" whips are no longer needed.
The ant is in the roof now. As far as 173.075 it is a good freq.

> What is the IOU Division ? what units are in it ?
> What takes the place of the 4 18" whips ?
> Does M.A.T.S. use it ?
> Your right Detroit is a lot easier to monitor.

2774. Re: Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-18 19:58:14 UTC
From: dseitel@crl.com
Message-ID: <2ouoom$qlf@crl.crl.com>
Source record: 275331

Jerry Smith wrote:

: h> Alot of times you can only hear one side of a celllular conversation

I thought it was because the cell phone system was, in a way, like the cordless system. Like the cordless base frequencies are in the 46s and the handsets in the 49s, I thought it was so for the two cellphone carriers, with the "handsets" (mobil) in the 825-834 and 835-845 ranges (rounded off) and the "base units" (cell sites) in the 870-879 and 880-890 ranges (rounded off, again). Someone who knows is due to clear this up shortly, I hope.

David Eitelbach

--
"Old people like to give good advice as solace for no longer being able to provide bad examples."
--La Rochefoucauld

2775. Las Vegas Freqs.....

Newsgroup: rec.radio.scanner
Date: 1994-04-18 19:59:45 UTC
From: wlhadley@cheetah.mitre.org
Message-ID: <2ouorh$gf2@newsflash.mitre.org>
Source record: 275332
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hello! I will be in Las Vegas for a couple of weeks soon and would appreciate
it if someone could post some freqs for that area!
Thanks in advance!
Bill Hadley

--

****
* William L. Hadley NASPAC System and Network Administrator *
* The MITRE Corporation 703-883-5446 *
* 7525 Colshire Drive, MS W291 Internet: wlhadley@mitre.org *
* McLean, Virginia 22102-3481 UUCP: linus!mitre.org!wlhadley *
****
* My opinions! Do you hear? MINE!!!! *
****

2776. review & call for comments on the AR3000

Newsgroup: rec.radio.scanner
Date: 1994-04-18 20:32:33 UTC
From: terminat@toicg3.to.infn.it
Message-ID: <9404181832.AA28949@toicg3.to.infn.it>
Source record: 275333

As I'm not finding reviews on my scanner, I'll post mine.
The only test paper I've found about was on a french magazine,
(Radio C.B. Magazine, 2/1992) but I found it perhaps too superficial.

My general impression, is that this is anyhow a very good apparate. It
offers continuous coverage 0.1 : 2036 Mhz, all mode, RS232 interfacing,
quite good operating commands, triple conversion, 400 memories; it is
very compact (small tabletop, 1.2 Kg.), semi-portable; its 13 auto-selected
front-end band filters reduce to some extent unavoidable intermodulation. In
general, this set offers a self contained and very well balanced compromise
of a lot of different demanding features, but will show its best when fully
interfaced.

Its price, here in Italy, has been varying greatly during the years.
Therefore I cannot say how it really competes with the choice of HF
receiver + scanner setup. It is still unclear to me how far is the AR3000
from dedicated traffic receivers, or how it compares with analogous
scanners (e.g. the Yupiteru 7100).

I'm finding a number of defects and "whish it was" that I'm going
to list (I would like to hear comments about), but perhaps I'm
just pretending too much from a receiver in which something had
to be traded off between versatility and performance. Please note
that I have a 4 years old AR3000; some defects could have been amelio-
rated in the 3000A, or may eventually be specific of my unit.

Hardware limits:

-AM selectivity is mediocre (approx 10 khz bandwidth). I feel the lack
of a variable Am bandwidth. SWL in crowded bands is too often spoiled by
the 5Khz whistle. Thinking it was a problem of i.f. detuning, I once
sent it to the service to have it retuned, but with no perceivable gain.

-In AM I do experience blocking. A strong transmitter mutes any weaker adjacent
signal lying some -+30 khz apart. I suspect this may be rather a problem
of AGC voltage (see below on squelch), because the feedback signal is
obtained from the previous to the last i.f. stage, which may have a larger
than necessary (for AM) bandwidth.

-The squelch control (essential in search mode) is not very functional.
On my set almost everything passes for knob positions below .3 and
only >S6 passes when I increase to .5. It may be a problem of adjustment,
but also reflect the inaccurate behaviour of the S-meter, which (I have
no measurements to support) seems not properly logarithmic. I have
the impression that weak signals give a high S readout when close to

stronger ones, because the S-meter averages on a larger bandwidth than
the demodulator.
Also, the squelch just mutes the a.f. output, but not the line out signal.

-The internal speaker fidelity is scarce. No tone controls exist. Clarity
improves a lot when connected to an external speaker or lineout. No
noise reduction circuitry is present. External audio equalization does
a lot, but of course is not the cure for low selectivity.

-There is no i.f. direct output for say a spectrum analyzer or a different
demodulator (say wide band AM for satellite or TV, stereo FM decoder,
sinchro SB AM decoder). A modify could be to buffer it to a backpanel
jack.

-Intermodulation IS present. I live very close to power MW transmitter,
and in the times they're on the whole band .5 : 2.5 Mhz is unusable,
with crosstalk on every possible combination of transmitter frequencies.
At evening I sometimes hear sw bc stations crosstalks on 20 : 30 Mhz, even
with a short random wire antenna. However, I don't hear crosstalk due
to FM transmitters, which are also close to my place. The 13 front
end filters seem to do their job, since strong signals don't cause
crosstalk out of their respective preselector bands.

-I'm not very satisfied with the small and clicking rotary tuning control. In
the AR3000a it has been replaced with a (I guess optically encoded) smooth
one. I would rather appreciate a jog-shuttle like the one on VCRs, and the mod
itself seems quite easy too.
The tuning is however digital, and stepping frequency causes clicks, which
eventually trigger the squelch threshold during search. The final a.f. is
briefly muted while stepping, but I prefer the line-out signal which is
unaffected and thus has a faster response.

-There is a single antenna input for the entire range. I think this however is
correct, because whichever choice on different antennas is entirely dependent
on the user setup, and should be rather left to an externally programmed
antenna switch.

-Some digital RFI is generated, expecially in the high HF and low VHF. A real
antenna connected with a shielded cable and a good earth however wash it out.

-Some small change in sensivity and background noise can be perceived when
passing across one of the 13 band boundaries (by the way, they are 0.1-0.5,
0.5-2.5, 2.5-10, 10-30, 30-50, 50-108, 108-136, 136-174, 174-224, 224-335,
335-500, 500-940, 940-2036 Mhz), but this is unavoidable, and also due to
the change of the superetherodyne scheme.

Software limitations:

-Scanning is already very versatile for such a small machine. However, auto
memory storage of catched frequencies was forgotten. Also, the oddities in
the S-metering (see above) impose manual choice when scanning non regularly
channellized bands.

-There is a priority channel lookup feature, but the attention threshold has to be the current squelch position. Apparently (see //ftp.funet.fi/pub/dx/receivers/mods/aor300.mod) in the 3000a a programmable lookup time was implemented, but it is not present on the 3000.

-The mode and the tuning step change are set with several keystrokes. I feel it quite tricky, expecially considering that I generally have to switch quickly between 50 Hz/SSB, 500Hz/Am, 1.25 Khz/nfm, 50 Khz/WFM. The step x10 command is very useful, but not enough.

Since the S-meter signal is output on the RS232, and the unit may be fully remotely commanded, all this limits can be cleverly threspassed by an external control software, thought.

I have experienced problems with the 232 interface. The cpu goes crazy very easily when the connector is plugged in/out, unless the "remote" switch on pin 7 is previously operated. This is (I understand) the reason why it was added on the 3000a. When the cpu goes on the moon, one generally has to open the set and to push the reset button (backside of the keyboard), losing all the memories. Also, I cannot interface the scanner with an Atari St, either because the TTL level Txdata is to low for that serial port or because the continuous output of the S-meter simply is too fast for the Atari bios.
Passing by, note that the RS232 speed can be set to 9600 baud with a switch on the cpu board.

++++++++++Enrico Segre

2777. Re: Yupiteru MVT7100 for sale (brand new in box)

Newsgroup: rec.radio.scanner
Date: 1994-04-18 20:45:21 UTC
From: crisp@netcom.com
Message-ID: <crispCoH2zL.E1x@netcom.com>
Source record: 275334
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave,alt.radio.scanner

In article <2ot8tm$k2n@scapa.cs.ualberta.ca> edward@cs.ualberta.ca (Edward Mantey) writes:
>Radio Lorenz
>482 Ste. Catherine St. West
>Montreal, Quebec H3B 1A6
>ph: (514) 392-9200
>fax: (514) 392-4767
>
>MVT-7100 for $739can = ~540us ....
>
>and is readily available from many other places in Canada. Just come
>up and visit the true (and free) north!! :)
>
>ed
>

And of course Mr Mantey will be happy to pay for your round trip ticket to
the great free country to the north! And to ease the pain on your wallet,
take a couple of handguns with you to sell in Canada. They aren`t permitted
to have them up there sort of like we cannot import "assault radios" here.

Boy these laws are really silly!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2778. PRO-2004 Computer interface???

Newsgroup: rec.radio.scanner
Date: 1994-04-18 20:45:46 UTC
From: mc@northshore.ecosoft.com
Message-ID: <2ourhq$f84@northshore.ecosoft.com>
Source record: 275335
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Thanks to all of you who replied to my request for information on the

Radio Shack PRO-2004-5-6 scanners. I picked up a PRO-2004 at a hamfest

a week ago and am having a lot of fun with it.

I read that there is a way to interface the PRO-2004 so it can be

controlled by a computer/software. Can any of you please tell me more

about this?

Thanks & 73 de KH6KD/W1 Michael

mc@northshore.ecosoft.com

2779. Comments wanted on ACE/AOR AR1000XLT handheld scanner???

Newsgroup: rec.radio.scanner
Date: 1994-04-18 20:47:00 UTC
From: mc@northshore.ecosoft.com
Message-ID: <2ourk4$fad@northshore.ecosoft.com>
Source record: 275336
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hello All:

Do any of you have any experience with the ACE/AOR AR1000XLT

hand-held scanner? I have heard both good and bad and would like

to hear more about this radio because a friend offered me one for

about $300.00 in trade and I'm curious to know more about it.

Thanks very much for your help.

73 de KH6KD/W1 Michael

mc@northshore.ecosoft.com

2780. Pro-39 Scanner For Sale!!!

Newsgroup: rec.radio.scanner
Date: 1994-04-18 21:26:19 UTC
From: kerr@ftp.jsc.nasa.gov
Message-ID: <CoH4vw.8x2@ftp.jsc.nasa.gov>
Source record: 275337
Cross-posted to: alt.radio.scanner,rec.radio.scanner,rec.radio.swap

Pro-39 handheld scanner for sale. Already modified to receive cell calls. Perfect condition. Includes batts, adapter and manuals. Will ship to anywhere in USA. All this for only $220.00.
Send E-mail at kerr@killerbee.jsc.nasa.gov
or
Call 713-474-9569 (home)
713-282-4874 (office)

2781. Re: New Radio Shack mag: Radio!

Newsgroup: rec.radio.scanner
Date: 1994-04-18 22:16:06 UTC
From: magnet@nRCHs022
Message-ID: <2ov0r6$pf3@corpgate.nt.com>
Source record: 275338

SCAN911 (scan911@aol.com) wrote:
: In article <2onj16$4ea@vixen.cso.uiuc.edu>, dhughes@prairienet.org (Dan Hughes)
: writes:

: To those who are being critical of RADIO!:
: Yes, Radio Shack is the primary advertiser in the magazine (notice there also
: are ads for CQ and the ARRL inside). The magazine is not designed to be
: technical in nature (there are other markets for that). RADIO!'s primary focus
: is to help others learn about the radio hobby while they are visiting their
[deletia]

I too thought, (after purchasing AND READING) this magazine that it has
usefull information I have not seen elseware. ie: charts on the radio
spectrum and UTC to local lime charts and explainations. I thought it
was very well written and easy to understand.

I would like to see more magazines like this available.

--
brad.glidewell@nt.com

2782. Re: Batteries LEAKED! Please HELP!!!

Newsgroup: rec.radio.scanner
Date: 1994-04-18 22:51:37 UTC
From: timi@mendel.berkeley.edu
Message-ID: <timi-180494145137@kustu1.berkeley.edu>
Source record: 275339

Carter (boothc@kenyon.edu) wrote:
[RE: Alkaline batteries...]
> How do I get the acid stabilized and hope fully removed?

Hmm... I don't know the chemistry for alkaline batteries, but doesn't the name suggest that the liquid is basic? I've just chopped an exhausted alkaline battery in half, dropped it in water, and checked the solution with pH paper. The indicator showed a pH of about 11; nicely basic (now I've got aqueous mercury waste to get rid off...$%&*&!!!)

A safe action is to rinse the crap off the unit with a lot of clean water (preferably distilled water but it's not crucial). And as someone else mentioned, remove the remaining corrosion with a rubber eraser or emery paper. If you can get your hands on pH paper you can test the neutralization process by letting a drop of water sit on the corroded area for a few seconds and then blotting the drop with the pH test paper (As a control point, be sure to also test the pH of the water with which you started).

BTW - Basic solutions wreak havoc on aluminum.

Good luck,
Tim Ikeda (timi@mendel.berkeley.edu - KE6GLW)

2783. Re: need freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-19 01:08:06 UTC
From: scan911@aol.com
Message-ID: <2ovatm$e7d@search01.news.aol.com>
Source record: 275341

In article <9404181606193181@wfe.chi.il.us>, bill.houghtaling@wfe.chi.il.us (Bill Houghtaling) writes:

Need Illinois public safety radio info??? Call Scanner Master for their Illinois Communications Guide ... (800) SCAN-701. Also, join Chicago Area Radio Monitoring Association. Good newsletter.

2784. Re: Morse Trivia Question

Newsgroup: rec.radio.scanner
Date: 1994-04-19 01:40:09 UTC
From: veith@cherokee.nsuok.edu
Message-ID: <1994Apr19.014009.4407@cherokee.nsuok.edu>
Source record: 275342

jqtaylor@boi.hp.com (John Quill Taylor) writes:

>I've often wondered, "What's the *highest* frequency you've ever heard
>Morse code being used?" Personally, I guess I hear it on the 440 MHz
>area repeaters that some hams use. Can anyone verify higher?

Charles (me):
How about the transponder identification for communication
satellites which are commonly downlinked in the multiple
gigahertz range? These can be heard by tuning audio subcarriers
of even common television satellites.

veith@cherokee.nsuok.edu AX25: KG5TV @ WB5AOH

2785. Windows on 155.745.

Newsgroup: rec.radio.scanner
Date: 1994-04-19 01:44:33 UTC
From: drice@nowhere
Message-ID: <znr766719697k@crl>
Source record: 275343

Has anyone ever noticed that when you press Alt-Tab from a dos window
in Windows, static can be heard on 155.745.

That is the freq of the local fire. When I'm listening to my scanner
and working on the computer, I here static on that channel when I
press Alt-Tab from a dos window.

Just an interesting piece of trivia.

Dennis Rice drice@crl.com
NAU Flagstaff drr1@nauvax.ucc.nau.edu
****Finger either address for PGP Public Key****

2786. Virtual channels on trunk frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-19 02:09:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <766770381.AA09224@rochgte.fidonet.org>
Source record: 275344

> From: johng@ecs.comm.mot.com (John Gilbert)
> Organization: Motorola, LMPS

> Virtual channels are the whole idea of a trunking system. The "modes"
> selected by the user are completely independent of the actual frequencies
> used. You might only have 5 channels, but have hundred of users and
> talkgroups.

I recently overheard a user of a local SMR complaining that he couldn't
get air time on his "dedicated" channel. I wonder if any of the sales reps
are explaining that, in a system with 50 trunked repeaters, no more than 50
users can transmit at a time - regardless of the number of "virtual" channels
that can be assigned.

==
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==

2787. Re: Las Vegas Freqs.....

Newsgroup: rec.radio.scanner
Date: 1994-04-19 02:47:38 UTC
From: cntrspy@netcom.com
Message-ID: <cntrspyCoHJrE.EMo@netcom.com>
Source record: 275345

///////

/// There is a FAQ on this somewhere, but be advised that most of the
good (read interesting) casino operations have gone to digitally encrypted
800 mhz trunking systems, ie: Mirage, Treasure Island, etc. Some have also
gone to 900 mhz trunking without encryption.

//////////////

Bill Hadley (wlhadley@cheetah.mitre.org) wrote:
: Hello! I will be in Las Vegas for a couple of weeks soon and would appreciate
: it if someone could post some freqs for that area!
: Thanks in advance!
: Bill Hadley

: --

: **
: * William L. Hadley NASPAC System and Network Administrator *
: * The MITRE Corporation 703-883-5446 *
: * 7525 Colshire Drive, MS W291 Internet: wlhadley@mitre.org *
: * McLean, Virginia 22102-3481 UUCP: linus!mitre.org!wlhadley *
: **
: * My opinions! Do you hear? MINE!!!! *
: **
--

--

//
Chris Hall
Operations Director
Executive Protection Associates, Inc.

"I'm not a lawyer, I just play one on T.V."

Opinions Expressed are those of the author and NOT those of EPAI.

PGP Key available... If you ask nicely...

2788. Re: PRO-2004 Computer interface???

Newsgroup: rec.radio.scanner
Date: 1994-04-19 03:39:49 UTC
From: baxter@kuhub.cc.ukans.edu
Message-ID: <1994Apr18.223949.62397@kuhub.cc.ukans.edu>
Source record: 275346
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <2ourhq$f84@northshore.ecosoft.com>, mc@northshore.ecosoft.com (Michael Crestohl) writes:
> Thanks to all of you who replied to my request for information on the
> Radio Shack PRO-2004-5-6 scanners. I picked up a PRO-2004 at a hamfest
> a week ago and am having a lot of fun with it.
>
> I read that there is a way to interface the PRO-2004 so it can be
> controlled by a computer/software. Can any of you please tell me more
> about this?
>
> Thanks & 73 de KH6KD/W1 Michael
> mc@northshore.ecosoft.com

Hi Mike,
We meet again. Well, you're probably talking about the HB-232 interface that Bill Cheek is selling. There's usually an ad each month in Monitoring Times. Otherwise, Bill runs a BBS in San Diego which you can FREQ files from, or just send netmail to. His BBS is called the Hertzian Connection, if memory serves me.
Another alternative is to connect to one of your local BBSs that carry SCANRADIO (the ANARC BBS at 913-345-1978 carries it), and leave Bill Cheek a message there. He checks mail there frequently.

73, Kirk

2789. PRO 30, Realistic Handheld Scanner???

Newsgroup: rec.radio.scanner
Date: 1994-04-19 06:03:11 UTC
From: u9144684@wumpus.cc.uow.edu.au
Message-ID: <2ovs6v$1td@wumpus.cc.uow.edu.au>
Source record: 275347

Hi there.

A friend of mine has the above scanner. It is OK seeing he only paid
$150.

Does anyone have the Schematics for this scanner?
Does anyone have some nice modifications that he could do to it?

Thanks.

--
Russell Noble | "In the silence I think of you,
u9144684@cc.uow.edu.au | I send a message, I hope it gets through"
russ@dwarf.apana.org.au | - INXS

2790. Re: New Radio Shack mag: Radio!

Newsgroup: rec.radio.scanner
Date: 1994-04-19 06:09:09 UTC
From: feedle@kaiwan.com
Message-ID: <2ovsi5$l8g@kaiwan.kaiwan.com>
Source record: 275348

I think that a few people out here are a little unrealistic (pardon the pun) when it comes to the magazine.. first of all, ALL magazines contain adverts, in many cases more in number than RADIO. Why then do you expect R/S to GIVE the magazines out for free? Last time I checked, Monitoring Times, Pop/Comm, QST, 73, etc. all cost money to buy. And they all have adverts in them. But you don't expect them for free, do you?

Strictly speaking as a ham AND as a Radio Shack employee, I thoroughly commend this effort to interest people in the various hobbies that surround radio. Too many people are missing out on these exciting hobbies.. and who knows: with states passing anti-scanner laws, having MORE and MORE radio hobbyists can only HELP all radio arts to thrive. The price is not an issue to most people I've talked to: I've sold many a magazine these past few days to CBers, hams, and SWL's. I've even sold one or two to non-radio types.

Naturally, you're going to get the Radio Shack perspecive. You probably won't see too many Marrymac ads, nor will you see Icom or Yaesu in there. However, the information you'll find is accurate, timely, and so far, even of interest to someone like yourself.

Perhaps you might find something new in RADIO. After all, there's a lot out there from baseband to light, and I'm sure you haven't seen it all.

Comments are strictly mine, not my employer's.
-Fedl

2791. Re: Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-19 08:12:22 UTC
From: henniger@crl.com
Message-ID: <2p03p6$ofs@crl.crl.com>
Source record: 275349

weisen@alw.nih.gov (Neil Weisenfeld) writes:

>Doan, Thang Q. (cscc1r@rosie.uh.edu) wrote:
>[stuff deleted]
>: to hear both sides of a conversation while tuned to only one channel
>: is that the microphone on the phone is picking up what's coming up

>callee. I don't think that this has anything to do with the physical design
>of the phones. I'm under the impression that it's kind of the difference

>If I'm wrong about this, maybe someone who knows for sure can chime in.
>--Neil

Some cellphones are specifically designed to not generate this this.
Some are specifically designed to generate it.
People feel more comfortable when they can hear themselves talk.

Mick
(wb5von)

2792. Re: how do you monitor police 800mhz systems??

Newsgroup: rec.radio.scanner
Date: 1994-04-19 09:24:41 UTC
From: mulligan@ACM.ORG
Message-ID: <2p080p$i9l@hopper.acm.org>
Source record: 275350

In various articles, it was written:

BM> FYI General trunking assignments are made in 5 channel blocks, separated
BM> by 1MHz. So the first set might be 861.2375, 862.2375, up to 865.2375

DS> I have seen that statement made in a lot of places, but none of the
DS> SMRs that I have found in Rochester, Buffalo or Syracuse (NY) or any of
DS> the places in between (Bristol, Attica, etc) are set up that way. Nor are
DS> the ones in Niagara Falls or Toronto, Ontario.

BM> Well, that is what the Code of Federal Regulations says, but I'm sure
BM> there are exceptions. If it is a leased system, the channels could be all
BM> over the place.

Assignments near the U.S.-Canadian border are subject to their own special rules. In Region 2 (71-81 deg W, within 100 km of the border), the FCC assigns only 180 channels in the 851-866 MHz range. These are spaced at 25 kHz steps from 851.00-853.25 MHz and 863.75-866.00 MHz (on the odd 12.5 kHz points). There are 36 5-channel groups for trunks, with spacing of 18 channels in a group (i.e. Group 1 consists of channels 1-19-37-55-73). Given the first freq. in a group, the remaining four occur at 0.450 MHz intervals.

Now, ... what was the original question ?
/* barry /&

2793. Wanted: scanner frequencies for Los Angeles area

Newsgroup: rec.radio.scanner
Date: 1994-04-19 11:01:37 UTC
From: adler@atlas.West.Sun.COM
Message-ID: <2p0dmh$ock@abyss.West.Sun.COM>
Source record: 275351

I just got a new toy, a pro2006. Can someone email me or post
a frequency list for the West Los Angeles area (e.g. LAPD, LAFD, CHP).

adler@west.sun.com

2794. Re: Morse Trivia Question

Newsgroup: rec.radio.scanner
Date: 1994-04-19 12:42:26 UTC
From: zlau@arrl.org
Message-ID: <1994Apr19.124226.5781@arrl.org>
Source record: 275352

John Quill Taylor (jqtaylor@boi.hp.com) wrote:

: I've often wondered, "What's the *highest* frequency you've ever heard
: Morse code being used?" Personally, I guess I hear it on the 440 MHz
: area repeaters that some hams use. Can anyone verify higher?

4.4e14 Hz. Modulated laser diode (red light).
(line of sight)

10368 MHz (220 miles, Rochester NY to Manchester, VT)
Tropospheric ducting was good enough to switch to
voice (SSB).
--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

2795. Re: Virtual channels on trunk frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-19 12:47:18 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.161.000CCA30@ccm.hf.intel.com>
Source record: 275371

In article <766770381.AA09224@rochgte.fidonet.org>
David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:

> > Virtual channels are the whole idea of a trunking system. The "modes"
> > selected by the user are completely independent of the actual frequencies
> > used. You might only have 5 channels, but have hundred of users and
> > talkgroups.

> I recently overheard a user of a local SMR complaining that he couldn't
>get air time on his "dedicated" channel. I wonder if any of the sales reps
>are explaining that, in a system with 50 trunked repeaters, no more than 50
>users can transmit at a time - regardless of the number of "virtual" channels
>that can be assigned.

When there are no repeaters available you get a beep when you key the radio,
telling you its busy. The whole trunking concept is based on the fact that
that there is a lot of dead time between conversations, where other
conversations can take place. Now if everyone was long winded, the system
would always be busy...I guess that's why Hams don't use trunked systems :-)

I'm sure that they do a study on current radio traffic patterns before they
design the trunked system. A system with heavy usage must have more repeaters
(i.e. REAL CHANNELS). So if traffic increases they need to add more
frequencies. Or talk less.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2796. Scanner Kit

Newsgroup: rec.radio.scanner
Date: 1994-04-19 13:03:05 UTC
From: erik@fishtank.equinox.gen.nz
Message-ID: <766760585.14snx@fishtank.equinox.gen.nz>
Source record: 275353

Hi!

I understand that there is a kit around somewhere that can scan cordless phone freqs. Does anybody know anything about this, or any other kits that can be made up? I want to get into Scanning, but have miminal money to put into it.

Cheers,
Martin

2797. Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-19 13:15:19 UTC
From: russell@cbnewsd.cb.att.com
Message-ID: <CoICtL.6ur@cbnewsd.cb.att.com>
Source record: 275354
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy

Ted Moran of C.A.R.M.A. (Chicago Area Radio Monitoring Association) brought this to my attention. This should be of intrest to the amateur community as well as the scanner enthusiast. Even if you do not live in Illinois, it would be worth writing the Illinois Legislature and the Governor, voicing your opposition to this bill. Your state might be next!

>FLASH - IMPORTANT - ACT NOW...
>
>HOUSE BILL 4180 - 88TH GENERAL ASSEMBLY
>STATE OF ILLINOIS 1993 AND 1994
>
>INTRODUCED BY REPRESENTATIVE CROSS ON 12 APRIL 1994
>
>SYNOPSIS AS INTRODUCED 720 ILCS 5/31-9 NEW
>
>LRB8814416RCMB Sec.31-9
>
>Amends the Criminal code of 1961. Prohibits the possession of a
>receiver or transceiver capable of monitoring or broadcasting
>police, fire, or other municipal radio frequencies unless the
>device operates exclusively on alternating current power. Penalty
>is a Class B misdemeanor. Exempts peace officers, fire officials,
>municipal employees, agents acting in an official capacity, and
>the press.
>
>THIS IS OUTLANDISH! Write to the members of the Illinois
>Leigslature, and the Governor. Especially this fellow Cross. This
>is clearly in violation of the FCC directive on laws restricting
>the possession of amateur radio equipment. Your PRO-2006 and most
>other Base radios can be powered by 12VDC, and thus would be made
>illegal under this propsal. Pass this message onto other BBS
>systems. Notify every amateur radio operator you know, and the
>ARRL. Get ready to write a lot of letters. I will post a complete
>address list for the Illinois House of Reps in the next few days.
>
>Note that the press are exempt. Act now or dont complain when
>they arrest you for listening to the radio. This is not a joke.
>This is real. Its time once again to defend our rights, what are
>you going to do? - Ted / Chicago Area Radio Monitoring Association.

--
Russell Keating, N9LIL ------------> Send email to: russell1@intgp1.att.com

2798. Re: Why Is Cellular Sometimes One-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-19 14:53:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <bed_9404191245@blkcat.fidonet.org>
Source record: 275355

I believe you are right about the "echoing back feature". Locally here (NY state) one business band company DOES echo back, the other DOES NOT. It is an option, why it was done in the first place, I don't know.

--
|Fidonet: Tom Eagan 1:109/239
|Internet: Tom.Eagan@f239.n109.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

2799. Re: Why Is Cellular Sometimes One-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-19 14:58:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <bee_9404191245@blkcat.fidonet.org>
Source record: 275356

Are you sure that it is within the came Co. Locally here (NYS) one
company DOES, one DOES NOT. You can tell which group it is by the
talk-back feature.
--
|Fidonet: Tom Eagan 1:109/239
|Internet: Tom.Eagan@f239.n109.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

2800. Comments Wanted On Ace/aor Ar1000xlt Hand

Newsgroup: rec.radio.scanner
Date: 1994-04-19 15:03:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <bef_9404191245@blkcat.fidonet.org>
Source record: 275357

I have had one for several years and am still not sure if I like it.
It has way too many birdies and squelch level is different depending on
the band you are listening too. 100 channels is a bit much per bank
(you spent too much time locking/unlocking. On the other hand it is
MUCH better on the 800 Mhz band than either my PRO34 or BC200. I
probably would not have bought it knowing what I know now.
--
|Fidonet: Tom Eagan 1:109/239
|Internet: Tom.Eagan@f239.n109.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

2801. Re: LoJack Freqs ???

Newsgroup: rec.radio.scanner
Date: 1994-04-19 15:21:06 UTC
From: slitel@cadre.com
Message-ID: <1994Apr19.152106.19152@fripp.ri.cadre.com>
Source record: 275358

Don't know the freq's but Lo-Jack is in use in all of Mass, New Jersey, Florida
and as I understand in LA County, CA and coming on-line in RI.

In article wbloss@delphi.com, wbloss@delphi.com writes:
>Franklin Warlick <dscdlwx@gsusgi2.gsu.edu> writes:
>
>>I am looking for information on the LoJack car recovery system. The
>
>Hi Franklin,
>A few years ago the frequency 173.075 MHz was reported in USSN to have
>been allocated for the Lojack system. It would only be data type
>comms, no voice. I have not verified this frequency, and as far as I
>know, LoJack is only in use around Boston. I'd think if you find
>data on this freq and have any more info it would be worth a post
>to the net.
>Gluck
>
>Wally Bloss
>WB0BAV
>A Human

2802. Re: Yupiteru MVT7100 for sale (brand new in box)

Newsgroup: rec.radio.scanner
Date: 1994-04-19 15:56:37 UTC
From: starr@katzen.rand.org
Message-ID: <2p0uvl$mgm@katzen.rand.org>
Source record: 275359
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Newsgroups: rec.radio.scanner
From: crisp@netcom.com (Richard Crisp)
Subject: Re: Yupiteru MVT7100 for sale (brand new in box)

crisp@netcom.com (Richard Crisp) writes:

>Yep, you guys still have a few days to give Jonathan Clough your money
>hope that it gets here before the 26th.

At $100+ savings, with warrantee, that's not a bad option.

Buying from a source whose price hasn't floated
with the calendar...has a certain satisfaction. :-)

Other postings indicate that shipping takes 5 days from the UK.
Some of that is spent getting out of FedEx's customs clearing house,
after the package has cleared customs.

>There is a science of the allocation of scarce resources. It is called
>economics. You may find it to be an interesting source of information
>of free market dynamics.

Agreed, and if Javiation, Radio Lorenz, et al, are still
taking orders for units on hand, then there's no scarcity for another 2-3 days,
and no need for people to pay a premium.

On a separate topic:
I've heard that there is a customs form for
taking an item (e.g., 800mhz-capable radio) out of the country,
and not have customs problems when returning.
Anyone know the form #?
Any advantage to getting the form date-stamped now --
prior to the 26th?

2803. Radio Shack PRO-43 vs Bearcat BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-04-19 15:56:46 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <CoIKAM.Kz9@mozo.cc.purdue.edu>
Source record: 275360
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

I am looking to buy a scanner shortly, and have narrowed the choices to the above listed models (I think the model #s are right). They have the frequency coverage I'm looking for without getting over $350 (the RS model is right at the limit). Does anyone have good or bad experiences with the two models?

Right now I'm leaning towards the Bearcat since I can get it for just over $300. However, I've been told that RS will be having a sale shortly (within next two weeks) and the PRO-43 may be put on sale.

Any comments on the two scanners (or other recommendations in the $250-$350 range) are appreciated.
--
Mark D. Conner Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue University Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

2804. one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-19 16:24:38 UTC
From: crisp@netcom.com
Message-ID: <crispCoILL2.I6s@netcom.com>
Source record: 275361
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave

Out of the five I brought back to the states, only one is left. These puppies went in less than 36hrs after hitting the shores. If anyone wants the last one, it is still available, is brand new in the box with all accessories and is still the bargain price of $700

I know that there is some guy in Canada that will sell for less and if you happen to be there it is a great deal, but if you want one from a non-domestic source, better do it damn soon because after the 26th, you may as well be importing cocaine or machineguns because they will be just as illegal to import.

So complain about the price but when you have the goods, and they are wanted supply and demand dictate pricing. The price is $700 and the buyer pays shipping.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2805. Re: Cellular Notebook Interceptor

Newsgroup: rec.radio.scanner
Date: 1994-04-19 16:25:26 UTC
From: ala@austin.ibm.com
Message-ID: <CoILME.2Axt@austin.ibm.com>
Source record: 275362

Thanks for supplying the information I requested Darren. I'll be contacting them today.

Al

.signature undergoing reconstruction at this time. No email please-it will bounce.

DISCLAIMER: THE ABOVE POST IS ENTIRELY MINE AND MINE ALONE. I DO NOT SPEAK FOR ANYONE, BUT MYSELF.

2806. Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-19 17:36:09 UTC
From: shawnlg@netcom.com
Message-ID: <shawnlgCoIow9.J7L@netcom.com>
Source record: 275363

After reading some of the FTP files on oak.oakland.edu in /pub/hamradio/mods/tandy, it seems that every radio shack scanner and (I suppose) most other scanners come with software capable of monitoring cellular frequencies, but a jumper or a pin allows the software to determine that these are not to be scanned. Removing the jumper must set a different logic level on the microprocessor pin that can be read by software.

Why is this done? If it is truly illegal to scan these frequencies, wouldn't it make sense for the software itself to be unable to do so? Is the easy mod put there to attract sales from people who like to delve in quazi-illegal stuff? Are these frequencies used for something else in other countries where the scanner is sold?

--
Shawn Gordhamer
shawnlg@netcom.com
Rochester, Minnesota USA

2807. Re: Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-19 17:41:02 UTC
From: shawnlg@netcom.com
Message-ID: <shawnlgCoIp4F.JoL@netcom.com>
Source record: 275364

My cellular phone, when scanned, seems to transmit only my side of the conversation. The tower which talks to my phone, when scanned, only seems to transmit its side - thus people can't hear both sides when scanning me (hurray!) However, some other scans reveal very clearly both sides, and others reveal one side much softer than the other, but still hearable. No post has really explained this.

I don't think in all cases where you can hear both sides its because the mic on the phone is picking up the earpiece, because the scans I refer to come from the tower, not the phone.

--
Shawn Gordhamer
shawnlg@netcom.com
Rochester, Minnesota USA

2808. Re: Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-19 17:45:24 UTC
From: shawnlg@netcom.com
Message-ID: <shawnlgCoIpBo.K7z@netcom.com>
Source record: 275365

>Some cellphones are specifically designed to not generate this this.
>Some are specifically designed to generate it.
>People feel more comfortable when they can hear themselves talk.

Yes, but I would think most people scan by listening to the tower, not
the phone itself. Sometimes the tower echos, and sometimes it doesn't.
--
Shawn Gordhamer
shawnlg@netcom.com
Rochester, Minnesota USA

2809. Re: New Radio Shack mag: Radio!

Newsgroup: rec.radio.scanner
Date: 1994-04-19 18:32:52 UTC
From: hwcco@chevron.com
Message-ID: <9404191032.AA52527@swordfish.chvpkh.chevron.com>
Source record: 275366

In article <2ov0r6$pf3@corpgate.nt.com>, magnet@nRCHs022 (Brad Glidewell)
writes:
> I too thought, (after purchasing AND READING) this magazine that it has
> usefull information I have not seen elseware. ie: charts on the radio
> spectrum and UTC to local lime charts and explainations.

Although I was somewhat put off by all the Radio Shack ads, I have to
agree with Brad. The radio spectrum chart is one of the best I've seen
and certainly the best in a small (11x17inch) format.

Chevron pays me for my knowledge of geology, not this stuff!

Bill Corea Chevron Overseas Petroleum Inc
hwcco@chevron.com San Ramon, California

2810. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-19 18:39:23 UTC
From: bglover@netcom.com
Message-ID: <bgloverCoIrtn.1K7@netcom.com>
Source record: 275367

Shawn Gordhamer (shawnlg@netcom.com) wrote:

: After reading some of the FTP files on oak.oakland.edu in
: /pub/hamradio/mods/tandy, it seems that every radio shack scanner and (I
: suppose) most other scanners come with software capable of monitoring
: cellular frequencies, but a jumper or a pin allows the software to
: determine that these are not to be scanned. Removing the jumper must set
: a different logic level on the microprocessor pin that can be read by
: software.

: Why is this done? If it is truly illegal to scan these frequencies,
: wouldn't it make sense for the software itself to be unable to do so? Is
: the easy mod put there to attract sales from people who like to delve in
: quazi-illegal stuff? Are these frequencies used for something else in
: other countries where the scanner is sold?
: --
: Shawn Gordhamer
: shawnlg@netcom.com
: Rochester, Minnesota USA

Shawn,
I guess you have never heard of satellites and other things that use
the 800mhz band. Some satellites when downconverted put the resultant
frequencies in the 800-900mhz band, in fact some sats down convert to a
range of about DC to 2000 mhz. Just because it is not an over the air
use don't for one minute suspect the the cellular frequencies only
belong in some FCC bueracrats mind to cellular. It just is not so.

I use my scanner on the output of a dish down converted to 700-1500
mhz to listen to some radio stations and other legit services.

I guess the feeling is that if you ban radios that tune a frequency
the frequency is now secure. Big joke huh? Buy some nickel-dime
parts and you have a mixer. Listen to the mixer output and the
banned frequencies are back. Gonna ban the parts to?

These stupid scanner laws are the result of feel good liberals.
We passed a law so it is now fixed. If you want security, then
build a secure system. But I guess that is too hard.

The real dupes are the public which beleives the feel good types,
and actually think the cell phones are secure.

Bill Glover ... kk6pw ... CIS 71220,2755 ... bglover@netcom.com
Weimar Software, San Jose, CA
--
Bill Glover ... kk6pw

bglover@netcom.com Weimar Software San Jose, CA

2811. Re: how do you monitor police 800mhz systems??

Newsgroup: rec.radio.scanner
Date: 1994-04-19 19:02:39 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2p19sf$qe5@slinky.cs.nyu.edu>
Source record: 275368

In article <2p080p$i9l@hopper.acm.org>, mulligan@ACM.ORG (F. Barry Mulligan) writes:
In the last of a bunch of articles, Barry mentioned:

|> Assignments near the U.S.-Canadian border are subject to their own special
|> rules. In Region 2 (71-81 deg W, within 100 km of the border), the FCC assigns
|> only 180 channels in the 851-866 MHz range. These are spaced at 25 kHz steps
|> from 851.00-853.25 MHz and 863.75-866.00 MHz (on the odd 12.5 kHz points).
|> There are 36 5-channel groups for trunks, with spacing of 18 channels in a
|> group (i.e. Group 1 consists of channels 1-19-37-55-73). Given the first freq.
|> in a group, the remaining four occur at 0.450 MHz intervals.

|> Now, ... what was the original question ?
|> /* barry /&

Now that we have explained the assignment criteria, how are people supposed
to listen to all of this?

To the kind poster from Motorola: NJSP uses your system, how can scanner
listeners monitor a single subgroup? Are the subgroups constantly updated on
the control channel? I was actually hoping that a different PL is encoded
into each transmission based on the subgroup. There are well enough PL's
to cover a large number of independent subgroups, right? Has that ever been
tried? I guess since the computer has to determine what output frequency
is available at the time, it might as well tell each radio to change to the
appropriate frequency at the appropriate moment.

Oh well.

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

2812. Monitoring Times subscription

Newsgroup: rec.radio.scanner
Date: 1994-04-19 19:04:07 UTC
From: berling@reis60.alleg.edu
Message-ID: <2p19v7$734@mustang.alleg.edu>
Source record: 275369

Anyone have an address and a price for a subscription to
Monitoring Times? I've been trying to find one but have been
unsuccessful. Thanks in advance.

Gordon

--
Gordon Berlin berling@alleg.edu
Hershey Vol. Fire Co. Allegheny College
Hersheypark Safety and Security Meadville, PA
Hershey, PA "Oh my God! Sunshine!
"Chocolatetown, U.S.A."
"Yes, ma'am, that really is the smell of chocolate in the air."

2813. pro-38 (us) mods

Newsgroup: rec.radio.scanner
Date: 1994-04-19 19:18:00 UTC
From: Hans-joergen.Strandby@f239.n109.z1.fidonet.org
Message-ID: <6c8_9404191049@blkcat.fidonet.org>
Source record: 275370

wanted mods for the pro-38 "scanner"...

... Catch the Blue Wave!
___ Blue Wave/QWK v2.12
--
|Fidonet: Hans-joergen Strandby 1:109/239
|Internet: Hans-joergen.Strandby@f239.n109.z1.fidonet.org
|
| Standard disclaimer: The views of this user are strictly his own.

2814. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-19 20:24:09 UTC
From: andy@clark.net
Message-ID: <2p1el9$m12@clarknet.clark.net>
Source record: 275372

russell.w.keating (russell@cbnewsd.cb.att.com) wrote:

: Ted Moran of C.A.R.M.A. (Chicago Area Radio Monitoring Association)
: brought this to my attention. This should be of intrest to the
: amateur community as well as the scanner enthusiast. Even if you do
: not live in Illinois, it would be worth writing the Illinois
: Legislature and the Governor, voicing your opposition to this bill.
: Your state might be next!

: >FLASH - IMPORTANT - ACT NOW...
: >
: >HOUSE BILL 4180 - 88TH GENERAL ASSEMBLY
: >STATE OF ILLINOIS 1993 AND 1994
: >
: >INTRODUCED BY REPRESENTATIVE CROSS ON 12 APRIL 1994
: >
: >SYNOPSIS AS INTRODUCED 720 ILCS 5/31-9 NEW
: >
: >LRB8814416RCMB Sec.31-9
: >
: >Amends the Criminal code of 1961. Prohibits the possession of a
: >receiver or transceiver capable of monitoring or broadcasting
: >police, fire, or other municipal radio frequencies unless the
: >device operates exclusively on alternating current power. Penalty
: >is a Class B misdemeanor. Exempts peace officers, fire officials,
: >municipal employees, agents acting in an official capacity, and
: >the press.

I'm not sure, but it seems like a possible loophole might be to use an
AC-ONLY scanner in your vehicle, powering it via an AC portable power
inverter (Radio Shack # 22-132). Although the car's DC battery is the
original source of the power, the scanner itself still operates on
alternating current. Bet that would make an interesting test case! ;)

But, my guess is, the bill is worded in such a manner as to preclude this
possiblity. : (

2815. ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-19 20:50:16 UTC
From: zlew14@NAP.AMOCO.COM
Message-ID: <1994Apr19.155016.14936@amoco.com>
Source record: 275373

This is a cross posting from CIS and requires immediate attention.

FLASH - IMPORTANT - ACT NOW

HOUSE BILL 4180 - 88TH GENERAL ASSEMBLY STATE OF ILLINOIS 1993 AND 1994

INTRODUCED BY REPRESENTATIVE CROSS ON 12 APRIL 1994

SYNOPSIS AS INTRODUCED 720 ILCS 5/31-9 NEW

LRB8814416RCMB Sec.31-9

Amends the Crminal code of 1961. Prohibits the possession of a receiver or transceiver capable of monitoring or broadcasting police, fire, or other municipal radio frequencies unless the device operates exclusively on alternating current power. Penalty is a Class B misdemeanor. Exempts peace officers, fire officials, municipal employees, agents acting in an official capacity, and the press.

THIS IS OUTLANDISH! Write to the members of the Illinois

Leigslature, and the Governor. Especially this fellow Cross. This is clearly in violation of the FCC directive on laws restricting the possession of amateur radio equipment. Your PRO-2006 and most other Base radios can be powered by 12VDC, and thus would be made illegal under this propsal. Pass this message onto other BBS systems. Notify every amateur radio operator you know, and the ARRL. Get ready to write a lot of letters. I will post a complete address list for the Illinois House of Reps in the next few days. Note that the press are exempt. Act now or dont complain when they arrest you for listening to the radio. This is not a joke. This is real. Its time once again to defend our rights, what are you going to do? - Ted / Chicago Area Radio Monitoring Association.

--- Maximus 2.01wb
* Origin: Radio Hobby * 708-238-1901 * Chi-Net Hub * (1:115/747)

==========
Larry Wall Amoco Chemical Co. Email: LEWALL@AMOCO.COM
VAX System Manager Voice: 708.420.4487 CIS: 70534,2301
Technical Support Services X.400: C=US A=ATTMAIL P=AMOCO S=Wall G=Lawrence I=E
All Opinions expressed are my own!!!
"AVAST, YE SCURVY CORPORATE SWABS!! PREPARE TO BE BOARDED" --- Bloom County
==========

2816. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-19 21:39:16 UTC
From: hymowitz@whatever.cs.jhu.edu
Message-ID: <2p1j24$pmt@blaze.cs.jhu.edu>
Source record: 275374

and lo, there was much rejoicing among the people, as
russell@cbnewsd.cb.att.com (russell.w.keating) writes:

>Ted Moran of C.A.R.M.A. (Chicago Area Radio Monitoring Association)
>brought this to my attention. This should be of intrest to the
>amateur community as well as the scanner enthusiast. Even if you do

>>HOUSE BILL 4180 - 88TH GENERAL ASSEMBLY
>>STATE OF ILLINOIS 1993 AND 1994

>>Amends the Criminal code of 1961. Prohibits the possession of a
>>receiver or transceiver capable of monitoring or broadcasting
>>police, fire, or other municipal radio frequencies unless the
>>device operates exclusively on alternating current power. Penalty

hmmm...

new york city owns at least one radio station. when i was in school, it
was wnye 91.5 fm. would that make it a municipal radio frequency?

if chicago owns a radio station, and you listen to it in your car, are you
in violation?

>>is a Class B misdemeanor. Exempts peace officers, fire officials,
>>municipal employees, agents acting in an official capacity, and
>>the press.

and the /press/?

--hymie hymowitz@cs.jhu.edu
GCS d+(--)@ -p+ c++(+++) l++ u++ e+ m+(++) s/--- n-/-- h- f+(-) g+ w++ t+ !r y+

Scientists tell us that the fastest animal on earth, with a top speed of 120
feet/second, is a cow that has been dropped out of a helicopter. --Dave Barry
---

2817. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-19 21:55:39 UTC
From: mrmoose@netcom.com
Message-ID: <mrmooseCoJ0ws.Bv6@netcom.com>
Source record: 275275

In article <CoICtL.6ur@cbnewsd.cb.att.com> russell@cbnewsd.cb.att.com (russell.w.keating) writes:
>
....
>>Amends the Criminal code of 1961. Prohibits the possession of a
>>receiver or transceiver capable of monitoring or broadcasting
>>police, fire, or other municipal radio frequencies unless the
>>device operates exclusively on alternating current power. Penalty
....
....
>>
>>the possession of amateur radio equipment. Your PRO-2006 and most
>>other Base radios can be powered by 12VDC, and thus would be made
....

I'm not usually hyperparanoid (merely average-style paranoid), but
Tripp Lite in Chicago would be happy with this since they make a
line of power inverters (generating a 110VAC square wave from 12VDC).

Probably far-fetched....

2818. Re: Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-19 22:00:51 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2p1kaj$1pk@umcc.umcc.umich.edu>
Source record: 275276

In article <2p03p6$ofs@crl.crl.com>,
Mickey R Henniger <henniger@crl.com> wrote:
>weisen@alw.nih.gov (Neil Weisenfeld) writes:
>
>>Doan, Thang Q. (cscc1r@rosie.uh.edu) wrote:
>>[stuff deleted]
>>: to hear both sides of a conversation while tuned to only one channel
>>: is that the microphone on the phone is picking up what's coming up
>
>>callee. I don't think that this has anything to do with the physical design
>>of the phones. I'm under the impression that it's kind of the difference
>
>>If I'm wrong about this, maybe someone who knows for sure can chime in.
>>--Neil
>
>Some cellphones are specifically designed to not generate this this.
>Some are specifically designed to generate it.

This sounds pretty silly to me. The cell site/MTSO isn't going to
distinguish the two types (more likely programming) of CMTs that Mick
claims exist.

>Mick
>(wb5von)

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

2819. Re: What to do when Batteries Leak.

Newsgroup: rec.radio.scanner
Date: 1994-04-19 22:15:34 UTC
From: boothc@kenyon.edu
Message-ID: <1994Apr19.171534.10715@kcvax1>
Source record: 275277

I originally posted that my girlfriend much to my chagrin plugged my pro-43's power source in to the charging jack. Only one problem, it didn't have my recharables in it. As a result the Duracell's leaked (not Energizer's like I originally posted - too frustrated). Fortunately the Pro 43 was in an upright position and the leakage did not go "up" into the circuits too far. After posting I called a Chemistry Professor who suggested exactly what Hugh Wells and a few others did. All is well now, but the Warranty is obviously null and void 'cause all the white imprinted battery directions came off....guess it's an open invitation to start doing all the other mods besides the 800.

I guess the most important differentiation to make is whether your batteries were "base" or "acidic." I'm not a chem person, nor profess to be even remotely clued in, however as we all do it, I will infer a few things.

Please Correct me if I am wrong.

1. If batteries are Alkalines - use vinegar.
2. If batteries are non alkalines - use ammonia.
3. An excellent way to "clean" the circuits is with ethanol after the Procedure.
4. Most damage will transpire before you notice the problem, and in reality your "neutralizing" is infact just cleaning up the mess already made.
5. Cover up the "charging" jack if using nonrechargeables in your scanner with a power cord. A piece of electrical tape works just fine -- or just keep your rechargables in all the time. I will.
6. Keep your scanner "upright," even if attached to and external antenna. If *any* problems occur with batteries the mess will either drift down, or harm they keyboard area, probably less expensive to repair.
7. Check your batteries frequently. You will feel as foolish as I did having your expen$ive scanner ruined by a $5-8 set of batteries.
8. If you have problems determing which type of battery you have, just drip some of the leakage onto any "avaiable surface" and try each of the two chemicals. I believe the proper one will react.
9. Q-tips worked well for the procedure.
10. Use a well lit area if opening the scanner.
Ground yourself -- no static
Don't lose small screws.
Write down exactly in order what you remove, so you can replace it.
11. If you don't understand what this all means don't do it. IT WILL VOID YOUR WARRANTY UNLESS YOU CAN PROVE THAT THE UNIT IS AT FAULT.

enough babbling..

Thank You to all who responded. You were of great help.

Carter

Hugh Wells writes:
> In your case where Energizer cells were used, neutralize with kitchen ammonia.
> Use a cotton swab and bathe the affected area. If necessary to remove crusted
> material, gently scratch with an Exacto knife blade. Continue to bathe the
> affected area with solution until there is no evidence of foaming/reaction.
>
> Then, the most important step is to wash out the ammonia and acid with water.
> Again, use a swab and flush the area many times and dry completely to remove
> all traces of water.
>
> Because the cell leakage and cleaning process removes all surface protection,
> restore moisture as best possible. Clear fingernail polish should be used on
> all non-contact surfaces. A light film of oil may be placed on contact
> surfaces.
>
> If the leakage had been from an alkaline cell, such as a nicad, use vinegar and
> follow the same process as indicated above.
>
> 73
>
> Hugh Wells, W6WTU

--
Carter G. Booth
boothc@kenyon.edu

2820. Re: MaryMac, other lowball scanner resellers?

Newsgroup: rec.radio.scanner
Date: 1994-04-20 00:13:22 UTC
From: ccopreb@phantom.oit.gatech.edu
Message-ID: <2p1s32$hrc@phantom.oit.gatech.edu>
Source record: 275278

In <Apr.10.13.18.38.1994.16863@pegasus.rutgers.edu> chiun@pegasus.rutgers.edu (Remo Williams) writes:

>EMail replies, 1-800's and relative prices on Pro-43's and 2006, 2026's...?

Marymac two weeks ago (incl shipping and everything):

Pro-43 $288
Pro-2026 $195

--
Earl Barfield -- Operations Department / Information Technology
Georgia Institute of Technology, Atlanta Georgia, 30332
Internet: Earl.Barfield@oit.gatech.edu ccopreb@prism.gatech.edu
earl@fantasy.gatech.edu ccopreb@oit.gatech.edu

2821. Re: Windows on 155.745.

Newsgroup: rec.radio.scanner
Date: 1994-04-20 00:34:14 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2p1ta6$cjg@cronkite.ocis.temple.edu>
Source record: 275279

Dennis Rice (drice@nowhere) wrote:
: Has anyone ever noticed that when you press Alt-Tab from a dos window
: in Windows, static can be heard on 155.745.

Geez, consider yourself lucky. I get it on all frequencies.

--

[AUTO .Sig posting]

##
# #
Scanner BBS 610-525-4004
14.4K / 24 hours/day / no ratios / CD ROM
120 min/day / no verification
call today and do all the downloading you
want! that is what it's here for!
# #
Specializing in Scanner & Ham radio files
and catering to Cellular phone interests
and Text files galore.
# #
##

2822. Illinois Scan Ban Proposed

Newsgroup: rec.radio.scanner
Date: 1994-04-20 00:43:40 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2db47bd0@f747.n115.z1.fidonet.org>
Source record: 275280

Here is a couple of key addresses to voice your opposition to Illinois House Bill 4180, the proposed banning of DC powered scanning equipment. Tom Cross is the Representative proposing this bill.

Illinois Rep. Tom Cross
541 Countryside Shopping Center
Yorkville, IL 60560

2138 -O Stratton Building
Springfield, IL 62706

Illinois Govonor Jim Edgar
State Capitol
Springfield, IL 62706

Representatives for your district may be found by calling your local public library.

* * NON-RESIDENTS OF ILLINOIS...Your input is just as important. If this law is passed, this may give YOUR representatives to propose laws similiar to this in your state. Please send your letters to the above two individuals.

Jerry

2823. Re: Windows on 155.745.

Newsgroup: rec.radio.scanner
Date: 1994-04-20 01:51:06 UTC
From: scan911@aol.com
Message-ID: <2p21qa$1ie@search01.news.aol.com>
Source record: 275281

In article <znr766719697k@crl>, drice@nowhere (Dennis Rice) writes:

And I get static when I move around the mouse and my HT is on the local
repeater, 146.790. Computers aren't supposed to be in the shack, hi!

2824. MVT 7100 for sale: $580

Newsgroup: rec.radio.scanner
Date: 1994-04-20 01:56:00 UTC
From: marc.tebeka@spacebbs.com
Message-ID: <6.5697.1585.0NAE9536@spacebbs.com>
Source record: 275282

I have 2 new Yupy MVT 7100 for sale. $580 each!

Marc

2825. Re: Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-20 02:00:13 UTC
From: jimz@infinet.com
Message-ID: <2p22bd$8qs@rigel.infinet.com>
Source record: 275283

Shawn Gordhamer (shawnlg@netcom.com) wrote:

: I don't think in all cases where you can hear both sides its because the
: mic on the phone is picking up the earpiece, because the scans I refer to
: come from the tower, not the phone.
: --
: Shawn Gordhamer
: shawnlg@netcom.com
: Rochester, Minnesota USA

Of course all of my observations are hypothetical (since I would _never_ do anything illegal), but I've noticed that most of the time when the cell call is one-sided on my scanner, the side on the cell phone is the one that can't be heard. I've also noticed that once in a while the side that is unhearable slowly fades in until I can hear it. I always attributed this to the phone being too far away to hear but the tower to which it is communicating being close enough.

I dunno, 'cause this brings up some problems as well. But that's how I figured it before I started reading this thread.

Later!

--
/+-\
jimz@infinet.com	What's better than roses on your piano?
Call me Wookie;	Finger me for the answer.
everyone else	
does.	Disc: Don't even bother listening to me.
\-+/

2826. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-20 04:04:29 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2p29kd$c9g@dancer.cc.bellcore.com>
Source record: 275284

In article <bgloverCoIrtn.1K7@netcom.com>,
William Glover <bglover@netcom.com> wrote:
>Shawn Gordhamer (shawnlg@netcom.com) wrote:
>
>: After reading some of the FTP files on oak.oakland.edu in
>: /pub/hamradio/mods/tandy, it seems that every radio shack scanner and (I
>: suppose) most other scanners come with software capable of monitoring
>: cellular frequencies, but a jumper or a pin allows the software to
>: determine that these are not to be scanned. Removing the jumper must set
>: a different logic level on the microprocessor pin that can be read by
>: software.
>
>: Why is this done? If it is truly illegal to scan these frequencies,
>: wouldn't it make sense for the software itself to be unable to do so? Is
>: the easy mod put there to attract sales from people who like to delve in
>: quazi-illegal stuff?

Remember the mods described are for scanners that
were designed before the current ban on scanners
with cellular coverage was passed. Thus, those scanners
originally covered the 800mhz band, but the individual
manufacturers often altered the software to exclude
cellular to give the appearance of the unit excluding
cellular. Subsequently, since the cellular exclusion
so implimented, was little more than a software patch,
it took little effort for people to discover how to
"unpatch" the exclusion of the cellular.

As to the new scanners on the market which are "supposed"
to be not easily modifiable by law, only time will
tell how well manufacturers have designed their
units to, in fact, not be field modifiable to
regain cellular coverage.

>I guess the feeling is that if you ban radios that tune a frequency
>the frequency is now secure. Big joke huh? Buy some nickel-dime
>parts and you have a mixer. Listen to the mixer output and the
>banned frequencies are back. Gonna ban the parts to?
>
>These stupid scanner laws are the result of feel good liberals.
>We passed a law so it is now fixed. If you want security, then
>build a secure system. But I guess that is too hard.
>
>The real dupes are the public which beleives the feel good types,
>and actually think the cell phones are secure.

Amen to that. If, the new crop of scanners does prove to be
unmodifiable, then you'll see a bunch of tech articles on
how to build a broadband downverter. As pointed out above, the parts
to build such a unit are not of any special electrical
design that they could be readily banned from sale. It should
be interesting to see how things go as the once the stock of
cellular cabable scanners disappears from store stocks.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

2827. Re: Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-20 04:09:56 UTC
From: rpetteng@pipeline.com
Message-ID: <2p29uk$dsn@pipeline.com>
Source record: 275285

scan911@aol.com (SCAN911) wrote:

>
>In article <1994Apr18.152246.29665@alw.nih.gov>,
>weisen@alw.nih.gov (Neil Weisenfeld) writes:
>
>The local echo idea doesn't fly. Sometimes voice is
>heard, other times it isn't. And that's all on the
>same system or tower.
>

If your cell system's "base" carrys both sides of some cell calls and only one side of others chances are one of the parties in the "one-sided" calls is outside the local calling area. Not all cell systems handle outside calls this way but I've seen/heard some that do.

Roger Pettengill - rpetteng@pipeline.com

2828. Re: INFO ON THE ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-04-20 04:30:34 UTC
From: danm@hebron.connected.com
Message-ID: <2p2b5a$por@hebron.connected.com>
Source record: 275286

In article <2onbns$8eo@jake.esu.edu>, Barbara Prynda <prynda@esu.edu> wrote:
> Does anyone have any thoughts on the ICOM R1. I would like to
>upgrade my exsisting Bearcat 200xlt to something a little better. Thanks
>for any suggestions and/or comments.

Sam,
I doubt you are going to be entirely satisifed with an ICOM R1 as
a replacement for your BC 200. I own an R! and love it, but have to
acknowledge it's manifold shortcomings. In high RF enviornments it has
images all over the 460.xxx MHZ band in which most UHF police
transmissions are assigned. It is almost stome deaf on MW and HF
(shortwave). Only the strongest signals will get through on those bands.
It has images and intermod problems (see above) that will drive you buggy
at times.
HAving said all that, I wouldn't aprt with mine for the world.
I've done a side by side with a Yupi MVT-7100 and acknowledge a
noticeable edges for the Yupi, though not enough of one to convince me
that "trading up" is worthwhile. The size is neat and it does a nice job
on military A/C. There is something "cute" or neat about it and I really
enjoy it... but I CANNOT recommend it to anyone as their sole or primary
scanner. It may perforem adequately in low RF (rural) enviornments, but
it ahs some limitations and operational quirks that migh frustrate many
users.
--
==
+ Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ...+
+ Auburn, WA | and whoever is playing against the New York Mets! +
+ GEnie:D.MORISSEAU | INTERNET ADDR: danm@hebron.connected.com +

2829. Re: MVT 7100 for sale: $580

Newsgroup: rec.radio.scanner
Date: 1994-04-20 04:39:02 UTC
From: armadillo1@aol.com
Message-ID: <2p2bl6$5os@search01.news.aol.com>
Source record: 275287

In article <6.5697.1585.0NAE9536@spacebbs.com>, marc.tebeka@spacebbs.com (Marc Tebeka) writes:

Marc-
I might be interested in one. Email the particulars to the return address on this message.

Ken

2830. Re: Windows on 155.745.

Newsgroup: rec.radio.scanner
Date: 1994-04-20 05:14:30 UTC
From: pckwong@hkuxb.hku.hk
Message-ID: <CoJL87.Jv3@hkuxb.hku.hk>
Source record: 275288

Dennis Rice (drice@nowhere) wrote:
: Has anyone ever noticed that when you press Alt-Tab from a dos window
: in Windows, static can be heard on 155.745.
:
: That is the freq of the local fire. When I'm listening to my scanner
: and working on the computer, I here static on that channel when I
: press Alt-Tab from a dos window.
:
: Just an interesting piece of trivia.
: ----------

Move your scanner serveral feet away from the computer, if you
still heard, your computer got poor shielding. Most possibly
from the switching power supply. Try scan near close to your
computer, you'll find them from 14X-15X MHz.

- Philips WOng, VR2XVI

2831. Cobra Scanner

Newsgroup: rec.radio.scanner
Date: 1994-04-20 11:09:04 UTC
From: marc.stayman@n9csa.com
Message-ID: <940421043125406@n9csa.com>
Source record: 275289

I am the owner of a cobra SR-15 scanner. I am sure that the scanner was made for cobra by one of the major scanner manufactures. I am interested in finding the potential modifications of this radio but have found none for this model. If you have any idea of other names that this radio was marketed under, I would be able to search for modifications for the other names. So if you could help me by supplying me with potential modifications or perhaps other names that the Cobra SR-15 radio was sold under, I would be grateful. Thanx

2832. For Sale: Pro-43 w/800mhz. MOD Complete

Newsgroup: rec.radio.scanner
Date: 1994-04-20 13:07:56 UTC
From: blangos@wtcp.DaytonOH.NCR.COM
Message-ID: <2865@wtcp.DaytonOH.NCR.COM>
Source record: 275290

PRO-43 only 6 months old with Nicads and AC/Battery Charger. Will ship
anywhere in the USA. No scratches, etc. Price: $275.00
--
Bruce Langos
Workstation Products Division
Bruce.Langos@wtcp.DaytonOH.NCR.COM
...!uunet!ncrcom!ciss!wtcp!blangos

2833. Re: MaryMac, other lowball scanner resellers?

Newsgroup: rec.radio.scanner
Date: 1994-04-20 13:48:21 UTC
From: ccopreb@phantom.oit.gatech.edu
Message-ID: <2p3br5$d0q@phantom.oit.gatech.edu>
Source record: 275291

> What is "MaryMac" and where are they? Enquiring minds need to
> know. Seriously.

Marymac is a Radio Shack franchise store that sells Radio Shack products through the mail at lower prices than the Radio Shack catalog. They don't charge tax (unless you live in TX) and they include the cost of shipping in the cost of the item.

Marymac Industries
22511 Katy Freeway
Katy (Houston), TX 77450
1-713-392-0747
1-800-231-3680
FAX 1-713-574-4567

--
Earl Barfield -- Operations Department / Information Technology
Georgia Institute of Technology, Atlanta Georgia, 30332
Internet: Earl.Barfield@oit.gatech.edu ccopreb@prism.gatech.edu
earl@fantasy.gatech.edu ccopreb@oit.gatech.edu

2834. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-20 14:33:54 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2p3egi$cbp@dancer.cc.bellcore.com>
Source record: 275025
Cross-posted to: rec.radio.scanner,rec.radio.amateur.policy

>: >FLASH - IMPORTANT - ACT NOW...
>: >
>: >HOUSE BILL 4180 - 88TH GENERAL ASSEMBLY
>: >STATE OF ILLINOIS 1993 AND 1994
>: >
>: >INTRODUCED BY REPRESENTATIVE CROSS ON 12 APRIL 1994
>: >
>: >SYNOPSIS AS INTRODUCED 720 ILCS 5/31-9 NEW
>: >
>: >LRB8814416RCMB Sec.31-9
>: >
>: >Amends the Criminal code of 1961. Prohibits the possession of a
>: >receiver or transceiver capable of monitoring or broadcasting
>: >police, fire, or other municipal radio frequencies unless the
>: >device operates exclusively on alternating current power. Penalty
>: >is a Class B misdemeanor. Exempts peace officers, fire officials,
>: >municipal employees, agents acting in an official capacity, and
>: >the press.

ATTENTION!!!!

Note the impact of this proposed law is far beyond any existing
"scanner" law found in other states. This proposed law makes
POSSESSION ANYWHERE a crime. If this law is passed, everyone
in Illinois that currently owns a DC powered scanner will be
technically required to dispose of them or be in violation of
the law. Likewise, anyone driving through or otherwise visiting
the state of Illinois and has in his/her possession a DC
powered scanner will be in violation of the law.

Under this proposed law, if you have a mobile scanner or a portable
in the trunk of your car, in your home, etc. you are violating
the law.

As to the exemptions, isn't it nice to know that as citizens, you are
afforded less rights than members of the press.

If the state of Illinois passes this law, watch for it to be
emulated in other states.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

2835. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-20 16:05:46 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Apr20.160546.23885@alw.nih.gov>
Source record: 275292

William Glover (bglover@netcom.com) wrote:
[stuff edited]
: These stupid scanner laws are the result of feel good liberals.
: We passed a law so it is now fixed. If you want security, then
: build a secure system. But I guess that is too hard.

: The real dupes are the public which beleives the feel good types,
: and actually think the cell phones are secure.
[stuff edited]

Bill,

Can you provide us with the liberal/conservative count for the voting
on the ECPA or are you just blowing hot air? I always thought that is was
the result of "law and order" conservatives. Be careful not to shoot
yourself (and your argument, and all of us who also hate the monitoring laws)
in the foot.

I'm not saying that you're wrong. I honestly don't know. But I listen for
truth, not hot air.

Regards,
Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2836. Need good deal on BC 2500XLT, new or used.

Newsgroup: rec.radio.scanner
Date: 1994-04-20 16:51:44 UTC
From: kerr@ftp.jsc.nasa.gov
Message-ID: <CoKHIA.4yw@ftp.jsc.nasa.gov>
Source record: 275293
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

I am looking for the best deal on a new Bearcat 2500XLT or a
good deal on a used 2500XLT. If anyone has a suggestion or an
offer I would appreciate it a whole lot.

Thanks in advance. Ted.

kerr@killerbee.jsc.nasa.gov
(H)713-474-9569
(O)713-282-4874

2837. BC 760 xlt for cellular??

Newsgroup: rec.radio.scanner
Date: 1994-04-20 16:52:23 UTC
From: sbrackstone@admin1.memphis.edu
Message-ID: <1994Apr20.115223.17097@admin1.memst.edu>
Source record: 275294

Are the current production models of the Uniden BC 760xlt modifiable to receive cellular frequencies? Date of manufacture code is OJ IC.

Sam

2838. Re: Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-20 16:58:02 UTC
From: scan911@aol.com
Message-ID: <2p3muq$gof@search01.news.aol.com>
Source record: 275295

In article <2p29uk$dsn@pipeline.com>, rpetteng@pipeline.com (Roger Pettengill) writes:

I'll check that out. But it doesn't make sense to echo LOCAL calls, but not long-distance ones. Maybe there is a dif between calling in or out of the system, too. I wish a cellular techie would join in!

2839. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-20 17:15:28 UTC
From: kennish@kabuki.EECS.Berkeley.EDU
Message-ID: <2p3nvg$rp3@agate.berkeley.edu>
Source record: 275296
Cross-posted to: rec.radio.scanner,rec.radio.amateur.policy

FLASH - IMPORTANT - ACT NOW...

HOUSE BILL 4180 - 88TH GENERAL ASSEMBLY
STATE OF ILLINOIS 1993 AND 1994

INTRODUCED BY REPRESENTATIVE CROSS ON 12 APRIL 1994

SYNOPSIS AS INTRODUCED 720 ILCS 5/31-9 NEW

LRB8814416RCMB Sec.31-9

Amends the Criminal code of 1961. Prohibits the possession of a
receiver or transceiver capable of monitoring or broadcasting
police, fire, or other municipal radio frequencies unless the
^^^^^^
device operates exclusively on alternating current power. Penalty
is a Class B misdemeanor.

(stuff deleted)

I guess this would also make radar detectors illegal too...

-Ken

2840. Re: MaryMac, other lowball scanner resellers?

Newsgroup: rec.radio.scanner
Date: 1994-04-20 17:23:18 UTC
From: jones@jethro.atmo.arizona.edu
Message-ID: <2p3oe6$8p1@auggie.CCIT.Arizona.EDU>
Source record: 275297

and as of last week: HTX-202 170.00

cgj

2841. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-20 17:31:36 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.766863096@constellation.ecn.purdue.edu>
Source record: 275298

zlew14@NAP.AMOCO.COM (LEWALL@AMOCO.COM) writes:

>This is a cross posting from CIS and requires immediate attention.
>FLASH - IMPORTANT - ACT NOW
>HOUSE BILL 4180 - 88TH GENERAL ASSEMBLY STATE OF ILLINOIS 1993 AND 1994
>INTRODUCED BY REPRESENTATIVE CROSS ON 12 APRIL 1994
>SYNOPSIS AS INTRODUCED 720 ILCS 5/31-9 NEW
>LRB8814416RCMB Sec.31-9
>Amends the Crminal code of 1961. Prohibits the possession of a receiver or
>transceiver capable of monitoring or broadcasting police, fire, or other
>municipal radio frequencies unless the device operates exclusively on
>alternating current power. Penalty is a Class B misdemeanor. Exempts peace
>officers, fire officials, municipal employees, agents acting in an official
>capacity, and the press.

You know, I think it would behoove us if someone in a position
to do so would start investigating the creeps that keep trying to
submit this sort of garbage legislation around the country. I
strongly have my doubts that it is JUST some alleged public
safety concerns that are driving these things. If I'm right about
that, we need to find out WHAT the driving force is.....

>onto other BBS systems. Notify every amateur radio operator you know, and the
>ARRL. Get ready to write a lot of letters. I will post a complete address list

PTTTHHPPPTTT!!!! ARRL? Hell, they can't even protect Amateur
Radio anymore, let alone deal with scanners. Forget the ARRL and
go to individual hams - you'll get more done.

I'll have to keep watch over here in Indiana - since our
state congresscritters are copycats and apparently can't think of
anything on their own. :-)

Duane

2842. Re: Monitoring Times subscription

Newsgroup: rec.radio.scanner
Date: 1994-04-20 18:11:26 UTC
From: gduna@snafu.NoSubdomain.NoDomain
Message-ID: <2p3r8e$sd@dr-pepper.East.Sun.COM>
Source record: 275299

In article <2p19v7$734@mustang.alleg.edu>, berling@reis60.alleg.edu (Gordon Berlin) writes:
|> Anyone have an address and a price for a subscription to
|> Monitoring Times? I've been trying to find one but have been
|> unsuccessful. Thanks in advance.
|>
|> Gordon
|>
|> --
|> Gordon Berlin berling@alleg.edu
|> Hershey Vol. Fire Co. Allegheny College
|> Hersheypark Safety and Security Meadville, PA
|> Hershey, PA "Oh my God! Sunshine!
|> "Chocolatetown, U.S.A."
|> "Yes, ma'am, that really is the smell of chocolate in the air."

Gordon:

Try Email to them direct if they have not already responed directly
they are on the internet at grove@rock.concert.net

geo.

2843. Aftermarket antennas for PRO-43?

Newsgroup: rec.radio.scanner
Date: 1994-04-20 18:44:14 UTC
From: jswan@elaine53.Stanford.EDU
Message-ID: <JSWAN.94Apr20114414@elaine53.Stanford.EDU>
Source record: 275300

Are there any antennas for the PRO-43 that will work better than the coil-loaded telescoping whip that RS sells?

I'm interested primarily in ~155 and ~460 MHZ emergency bands, as well as in 2m hams.

BTW I'm quite new to scanning and like the PRO-43 a lot, except for the incredibly annoying lack of lockout on search. It is also a battery pig--I seem to get only about 4 hours out of 6 fully charged nicads.

Also, how does it function with a mobile antenna? Any problems?

Jay

2844. RS Telescoping scanner antenna?

Newsgroup: rec.radio.scanner
Date: 1994-04-20 18:52:56 UTC
From: tfoecke@nist.gov
Message-ID: <9404201452.AA56962@steel.nist.gov>
Source record: 275301

Does anyone have a model number for the telescoping antenna from RS for my scanner?

tfoecke@nist.gov

2845. MVT7100 Programing Question

Newsgroup: rec.radio.scanner
Date: 1994-04-20 19:23:25 UTC
From: dmsmith@tacom-emh1.army.mil
Message-ID: <2p3vfd$6k4@VTC.TACOM.Army.Mil>
Source record: 275302

I could not find this in the manual and I had no luck trying it on my own.
I have seven trunked channels in bank 1 in programmed scan mode (P-SCAN).
Several of these channels switch between voice and MDT use. When used by
the MDT I want to lock it out. Is it possible to lock out any of these
channels while in the P-SCAN MODE ? I tried the function + skip keys but
it does not work in P-SCAN. I could take this channel out of P-SCAN
then lock it out, but that seems like the hard way to do it.

Any Ideas ?

Thanks in advance

2846. Re: HELP with RS Pro 39!

Newsgroup: rec.radio.scanner
Date: 1994-04-20 19:47:51 UTC
From: stujorda@eku.acs.eku.edu
Message-ID: <1994Apr20.144751.2272@eku.acs.eku.edu>
Source record: 275303

In article <CoAA8K.47o@zimmer.CSUFresno.EDU>, rafaels@zimmer.CSUFresno.EDU (Rafael Solis) writes:
> I got a PRO 39 from a friend with no antenna (dond ask me why!) and no
> manual. The machine seems in good shape (it powers on!. I already
> got the antenna however the manual was not available at RS. Could
> anybody send me (via E-mail) the basics of how to program this monster
> (beauty). Many thanks.
>
> Raphael.
>
>

Although Radio Shack didn't have a manual in the store, they can still order one through what is called consumer mail. it is an internal warehouse that they have, that carries items like old manuals. the manual you receive, might just be a photocopy of an orginal, but you would still have one.
Darrell Jordan--Stujorda@acs.eku.edu

2847. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-20 20:42:36 UTC
From: barryc@mpd.tandem.com
Message-ID: <1994Apr20.204236.12701@integrity.uucp>
Source record: 275304
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave

Richard Crisp posts:

>I know that there is some guy in Canada that will sell for less and if you
>happen to be there it is a great deal, but if you want one from a
>non-domestic source, better do it damn soon because after the 26th,
>you may as well be importing cocaine or machineguns because they will be
>just as illegal to import.

-a good example of a run on sentence...

That Guy in Canada is:

Radio Lorenz
482 Ste. Catherine St. West
Montreal, Quebec H3B 1A6
ph: (514) 392-9200
fax: (514) 392-4767

MVT-7100 for $570 US with shipping, handling and customs fee.

Example:
I sent a money order FEDEX Tuesday, he`s shipping Wednesday for arrival via
UPS expedited on Friday. With warranty and and after sales service that`s
not too bad. (I called him 10 minutes after he received my FEDEX and he
was already packing it for UPS to pickup)

RE legalities:

So what if it`s against the law... Why let a little thing like that stop
you? I have no problem breaking laws, it's getting caught I`m worred
about. I speed, jaywalk, yes and have even used my mobile scanner in
New Jersey (is it still illegal?). Furthermore I`ve torn the tag off of
a mattress before (a hanging offence in some states). Just because it`s
the law doesn't mean its a good idea (except for profiteers) or justified.

Busted importing a scanner, hate to have that on my record. Better some-
thing respectable like a SEC violation, insider trading or lying to Congress.
>So complain about the price but when you have the goods, and they are wanted
>supply and demand dictate pricing. The price is $700 and the buyer pays
>shipping.

What was your cost? Do I get a warranty, after sales services, after
sales accessories - in stock? Next year?

I`d consider this price gouging myself. Some people sell water in a
drought for $10 a gallon or plywood before a hurricane for 5-10x it's
cost. That`s the dark side of capitalism, greed.

Enjoy your money.

--
Barry D. Chalcroft / N5NWI Tandem Computers ISD, Austin,TX
Work: (512) 244-8723 The Home of "UNIX with Integrity""
EMAIL: barryc@mpd.tandem.com bchalcroft@delphi.com
76500.2177@compuserve.com barryc@cactus.org

2848. Re: Virtual channels on trunk frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-20 20:45:38 UTC
From: a23169@nightowl
Message-ID: <1994Apr20.204538.17294@schbbs.mot.com>
Source record: 275305

In article <djc.3v33@terapin.com> djc@terapin.com (Don Coco) writes:
> > brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) wrote:
> >
> > While I'm on a roll here, let me add that another feature used
> > by police is a "capture" feature. They can press a button and hold a repeater
> > so it will always be available. In a busy system, it could be very dangerous
>
>
> The Oakland Police are having a lot of trouble with these new radio's. Oakland installed there GE system last year
and apparently the police radio's keep going in to the emergency mode and so forth. A detective told me that these
radio's are a real hassle so I guess the technology isn't working as well as they thought it would.
>
> djc@terapin.com Out!

They should have bought a Motorola system!

Regards,
Joe Bakas

Motorola Corporate Telecommunications
TX: 1-602-441-3292 FAX: 1-602-441-5455 PAGER 1-602-227-5711

2849. CTR-76 VOX recorder "hang time" mod

Newsgroup: rec.radio.scanner
Date: 1994-04-20 20:51:54 UTC
From: copeland@metronet.com
Message-ID: <CoKsMJ.5yI@metronet.com>
Source record: 275306
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Radio Shack has the CTR-76 on sale for $35 (regular $50) and here is
a conversation I've had about mods for it:

>>Unfortunately the "hang time" of the voice activator is 5-12 seconds.
>>This is to long, wastes tape between police call transmissions.
>>DOES ANYONE HAVE A MOD FOR THIS YET?

>I was looking inside the CTR-76 and found that capacitor C23 was part
>of the RC circuit for the hang time. I put a 12K ohm resistor in
>parallel with C23 and now I have a very short hang time (maybe too
>short depending on your needs, less than one second).

Your suggestion works great. I tried a 50K resistor across C23 and
the hand time is just right (2 to 3 seconds).

I also noticed that there is a pot maked "speed" on the circuit board.
I haven't tried it, but I'm sure you could slow it down to get more
tape time (record time vs. recording quality). Probably slowing a
45 minute tape to 60 minutes would show no degradation of audio
quality.

2850. Anyone ever used counters?

Newsgroup: rec.radio.scanner
Date: 1994-04-20 21:31:30 UTC
From: gesman@ionews.io.org
Message-ID: <2p46vi$o4l@ionews.io.org>
Source record: 275307

Does anyone has any experience using frequency counters for scanning?
Does it helps much? What if you're close to some strong signal source,
like radio station or so, would counter still be helpful?
Any opinions about ATH-15 model (1-1,500 MHZ)?

Thanks,

--
Gleb Esman.

2851. Re: Freq request (NE/MASS)

Newsgroup: rec.radio.scanner
Date: 1994-04-20 21:39:05 UTC
From: hhf63@aol.com
Message-ID: <2p47dp$jo0@search01.news.aol.com>
Source record: 275308

In article <CLJ3Iw.47G@world.std.com>, mtiernan@world.std.com (Michael C Tiernan) writes:

Lotus Development Corp. is licensed to operate on the following frequencies: 462.2000, 462.2250, 462.3250, 462.3500, 464.7375, & 464.9750, you should find them one one of these.

2852. Re: Monitoring Times subscription

Newsgroup: rec.radio.scanner
Date: 1994-04-20 22:24:02 UTC
From: lasercpts@aol.com
Message-ID: <2p4a22$k7q@search01.news.aol.com>
Source record: 275309

In article <2p19v7$734@mustang.alleg.edu>, berling@reis60.alleg.edu (Gordon Berlin) writes:

Monitoring Times
PO Box 98
Brasstown, NC 28902
704-837-9200

2853. Re: MVT7100 Programing Question

Newsgroup: rec.radio.scanner
Date: 1994-04-20 23:30:49 UTC
From: dseitel@crl.com
Message-ID: <2p4dv9$2qk@crl.crl.com>
Source record: 275310

SMITH Dennis H wrote:
: I could not find this in the manual and I had no luck trying it on my own.
: I have seven trunked channels in bank 1 in programmed scan mode (P-SCAN).
: Several of these channels switch between voice and MDT use. When used by
: the MDT I want to lock it out. Is it possible to lock out any of these
: channels while in the P-SCAN MODE ? I tried the function + skip keys but
: it does not work in P-SCAN. I could take this channel out of P-SCAN
: then lock it out, but that seems like the hard way to do it.

I can't get it to work. Using "Pass" (Func-C/AC) doesn't do it in
programmed scan mode, either.

David Eitelbach
--
"Old people like to give good advice as solace for no longer being able
to provide bad examples."
--La Rochefoucauld

2854. BBS

Newsgroup: rec.radio.scanner
Date: 1994-04-21 01:12:40 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2p4ju8$fst@cronkite.ocis.temple.edu>
Source record: 275311

Does anyone have any other numbers for bbs's, except mine??
thanks. camter28@astro.ocis.temple.edu
[AUTO .Sig posting]

```
##################################################
# #
# Scanner BBS 610-525-4004 #
# 14.4K / 24 hours/day / no ratios / CD ROM #
# 120 min/day / no verification #
# call today and do all the downloading you #
# want! that is what it's here for! #
# #
# Specializing in Scanner & Ham radio files #
# and catering to Cellular phone interests #
# and Text files galore. #
# #
##################################################
```

2855. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-21 01:44:00 UTC
From: cliffs@bauhaus.eng.sun.com
Message-ID: <2p4lp0$n4u@engnews2.Eng.Sun.COM>
Source record: 275312

William Glover (bglover@netcom.com) wrote:
: Shawn Gordhamer (shawnlg@netcom.com) wrote:

: These stupid scanner laws are the result of feel good liberals.
: We passed a law so it is now fixed. If you want security, then
: build a secure system. But I guess that is too hard.
: --
: Bill Glover ... kk6pw
: bglover@netcom.com Weimar Software San Jose, CA

Be careful what you say about liberals unless you are going to back
it up with facts. I'm much more concerned with real privacy issues
than politics. What have *you* done to change this law? Write a letter,
tell you firends, etc.

--
Cliff Skolnick | "It worked much better in a fantasy, imagination is
cliffs@sun.com | something that comes easy to me...While I pretend to
(415) 336-5820 | touch you, you pretend to feel. Passion is no ordinary
I think. I am. | word." -- Graham Parker

2856. Case for the Yuppy puppy?

Newsgroup: rec.radio.scanner
Date: 1994-04-21 02:21:43 UTC
From: wier@merlin.etsu.edu
Message-ID: <wier-200494202143@csci-wiermac.etsu.edu>
Source record: 275313

Sorry about that - couldn't resist that subject line.

I've heard that there are two cases for the 7100, a plastic
one and a leather one. Any opinions on which to go with?
The price seems similar. And I don't want to go around
using a $600 radio naked (oops, that doesn't sound
right either...)

Please drop me a note or post here.

THANKS

======== insert usual disclaimers here ============
Bob Wier, East Texas State U., Commerce, Texas
keeper of the Adobe Photoshop, MC68HC11, ICOM mailing lists
wier@merlin.etsu.edu (watch for address change)

2857. Re: Why is cellular sometimes one-sided?

Newsgroup: rec.radio.scanner
Date: 1994-04-21 02:27:00 UTC
From: dseitel@crl.com
Message-ID: <2p4o9k$r5o@crl.crl.com>
Source record: 275314

In alt.radio.scanner in the "Cellular" thread, in which the poster asks for the cellular freqs, the last two sentences of the response are:

" Mobiles transmit 45 MHz below the base (824.040-848.970) and are usually repeated by the base. Channels are .030 MHz apart."

I am wondering, of course, if the first sentence might relate to this discussion?

David Eitelbach

--
"Old people like to give good advice as solace for no longer being able to provide bad examples."
--La Rochefoucauld

2858. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-21 02:28:19 UTC
From: wier@merlin.etsu.edu
Message-ID: <wier-200494202819@csci-wiermac.etsu.edu>
Source record: 275315

> >FLASH - IMPORTANT - ACT NOW
> >HOUSE BILL 4180 - 88TH GENERAL ASSEMBLY STATE OF ILLINOIS 1993 AND 1994
> >INTRODUCED BY REPRESENTATIVE CROSS ON 12 APRIL 1994
> >SYNOPSIS AS INTRODUCED 720 ILCS 5/31-9 NEW
> >LRB8814416RCMB Sec.31-9
> >Amends the Crminal code of 1961. Prohibits the possession of a receiver or
> >transceiver capable of monitoring or broadcasting police, fire, or other
^^^^^^^^^

Since that would appear to restrict the ownership of ham radio rigs with wideband receive capability it appears to put the proposed law squarely in conflict with the FCC regulatory powers over transmitters. Plus of course a lot of current ham rigs run ONLY on DC - to run them in the house you have to have an AC to DC power supply (like my ICOM 735).

If it passes in this form it will undoubtedly be taken to federal court as a jusridictional conflict between the state and the feds. Sure would be nice to avoid the legal fees to the nation (via the FCC) and to the people of Ill (both the feds and the state) to fight that out...

======== insert usual disclaimers here ============
Bob Wier, East Texas State U., Commerce, Texas
keeper of the Adobe Photoshop, MC68HC11, ICOM mailing lists
wier@merlin.etsu.edu (watch for address change)

2859. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-21 03:02:27 UTC
From: mrmoose@netcom.com
Message-ID: <mrmooseCoL9s3.4Ht@netcom.com>
Source record: 275316
Cross-posted to: rec.radio.scanner,rec.radio.amateur.policy

One could use an inverter (to generate a 110 VAC square wave from 12 VDC) to power an AC scanner in the car. Tripp Lite, based in Chicago, makes inverters. Hmm...maybe they know someone in the Illinois legislature...c'mon now...

2860. Re: INMARSAT

Newsgroup: rec.radio.scanner
Date: 1994-04-21 03:11:19 UTC
From: rrolf@gpu.srv.ualberta.ca
Message-ID: <2p4qsn$b8a@quartz.ucs.ualberta.ca>
Source record: 275317
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

lee@tosspot.sv.com (Lee Reynolds) writes:
^^^^^^^^^^^^^^^^^^ this address bounces!

:>1. Anyone have any schedules for AFRTS?

:>2. I've been busy profiling the bird and have a fair part of it's
:> activity mapped - does anyone have a formal layout of the thing's
:> channelization? (There're some channels which obviously carry only
:> data, but I can't tell if it's satellite telemetry, relay of
:> data from elsewhere or just housekeeping for the voice channels!)
See the Feb & Mar issues of Monitoring times for some answers (I think, I
only browsed the mags in a store).

:> If you should reply, please email me directly as well as posting to
:>the group. <lee@tosspot.sv.com>

Well, fella, my mail just bounces off your address. Maybe you need a word
with your sysadmin about your DNS record.

--RRolf@gpu.srv.ualberta.ca

2861. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-21 04:45:25 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2p50d5$q2m@samba.oit.unc.edu>
Source record: 275318

For those of you who are interested, here's some info I got with gopher/ftp:
I know this is from January 1993, but if anyone can update/inform as to a
newer list on the internet, that would be good. (Especially because the
seemingly infamous Representative Cross doesn't seem to appear on this
list).

```
*****************************************
* Input by Van Pelt Library Reference *
* Send comments, questions, corrections to *
* Mark Colvson, 8-7555 or colvson@a1.relay *
*****************************************

Source: U. of San Diego Gopher
(teetot.acusd.edu)
Directory: /pub/QRD/qrd/info/GOVT

US Senate, 103rd Congress phone and fax numbers
===============================================

Information from US Congress Yellow Book, January 1993

p st name phone fax
= == ======================== ============== ==============
...
D IL Moseley-Braun, Carol 1-202-224-2854 na
D IL Simon, Paul 1-202-224-2152 1-202-224-0868

*****************************************
* Input by Van Pelt Library Reference *
* Send comments, questions, corrections to *
* Mark Colvson, 8-7555 or colvson@a1.relay *
*****************************************

Source: U. of San Diego Gopher
(teetot.acusd.edu)
Directory: /pub/QRD/qrd/info/GOVT

103rd Congress phone and fax numbers
====================================

The following information is from the US Congress "Yellow Book," Jan. 1993.
Four seats were vacant at that time, in CA, MS, OH, and WI. The list
below of 436 people includes 5 non-voting members, from Guam (GU), Puerto
Rico (PR), Samoa (SA), Virgin Islands (VI), and DC. (some of those
abbreviations may be wrong)

Corrections welcome.
```

```
p st representative phone fax
=================================================================
...
D IL Collins, Cardiss 1-202-225-5006 1-202-225-8396
D IL Costello, Jerry F. 1-202-225-5661 1-202-225-0285
D IL Durbin, Richard J. 1-202-225-5271 1-202-225-0170
D IL Evans, Lane 1-202-225-5905 1-202-225-5396
D IL Lipinski, William O. 1-202-225-5701 1-202-225-1012
D IL Poshard, Glendal W. 1-202-225-5201 1-202-225-1541
D IL Reynolds, Mel 1-202-225-0773 na
D IL Rostenkowski, Daniel 1-202-225-4061 na
D IL Rush, Bobby L. 1-202-225-4372 1-202-226-0333
D IL Sangmeister, George 1-202-225-3635 1-202-225-4447
D IL Yates, Sidney R. 1-202-225-2111 1-202-225-3493
R IL Crane, Philip M. 1-202-225-3711 na
R IL Ewing, Thomas 1-202-225-2371 1-202-225-8071
R IL Fawell, Harris W. 1-202-225-3515 1-202-225-9420
R IL Gutierrez, Luis V. 1-202-225-8203 1-202-225-7810
R IL Hastert, J. D. 1-202-225-2976 1-202-225-0697
R IL Hyde, Henry J. 1-202-225-4561 1-202-226-1240
R IL Manzullo, Donald 1-202-225-5676 1-202-225-5284
R IL Michel, Robert H. 1-202-225-6201 1-202-225-9461
R IL Porter, John E. 1-202-225-4835 1-202-225-0157
```

Sherrod

```
--
-------------------------------------------------------------------------------
\ The above does not represent OIT, UNC-CH, laUNChpad, or its other users. /
-------------------------------------------------------------------------------
```

2862. Re: Hts With Extended Rx

Newsgroup: rec.radio.scanner
Date: 1994-04-21 05:32:00 UTC
From: sgross@pinyon.libre.com
Message-ID: <2p534g$8ee@pinyon.libre.com>
Source record: 275319

Tom Eagan (Tom.Eagan@f239.n109.z1.fidonet.org) wrote:
: I have an Yeasu FT-470. It can be programmed out of band (keyboard
: functions) and works very well in the VHF HI and UHF bands. It has no
: LO band VHF and no 800 capability and only 18 channels on each band -
: BUT - it can be had fairly cheap and will do double duty if you only
: want to (sometimes) carry one radio. It will search both VHF and UHF
: and does have a priority feature. I found mine at a Pawn shop for
: $250.
: --
: |Fidonet: Tom Eagan 1:109/239
: |Internet: Tom.Eagan@f239.n109.z1.fidonet.org
: |
: | Standard disclaimer: The views of this user are strictly his own.

How sensitive is the receiver out of the ham bands? Also, how selective
is it?

--
Stephen C. Gross T-4, PLT 707 Pilot B737
America West Airlines
4000 E. Skyharbor Blvd. phone: (602) 860-8051
Phoenix, AZ 85034 e-mail: sgross@libre.com

2863. Re: LoJack Freqs ???

Newsgroup: rec.radio.scanner
Date: 1994-04-21 05:52:45 UTC
From: jthurs@ukelele.gcr.com
Message-ID: <jthurs.766907460@ukelele>
Source record: 275320

plaws@comp..uark.edu (Peter Laws) writes:

>wbloss@delphi.com writes:

>>Franklin Warlick <dscdlwx@gsusgi2.gsu.edu> writes:
>>
>>>I am looking for information on the LoJack car recovery system. The
>>
>>Hi Franklin,
>>A few years ago the frequency 173.075 MHz was reported in USSN to have
>That sounds right ...
>>know, LoJack is only in use around Boston. I'd think if you find
>The entire state of Mass, actually. And significant parts of NJ and FL,
>if I'm not mistaken. Look for the 4 antenna Doppler array on the roof
>the LoJack equipped cruisers ...
..and in the Washington DC area in several jurisdictions..
Could make for some interesting transmitter hunting for the techies out there.
--Jason
==========
| Jason Thurston | thurs_j@cs.odu.edu |
| Firefighter III/EMT-A | jthurs@gcr.com |
| Dumfries-Triangle Rescue Squad, Stations 3-Rescue & 17 |
| Prince William County, Virginia, USA |
==========

2864. POLICE BBS

Newsgroup: rec.radio.scanner
Date: 1994-04-21 08:51:30 UTC
From: kevincur@netcom.com
Message-ID: <kevincurCoLpxu.G61@netcom.com>
Source record: 275321
Cross-posted to: uk.radio.amateur,alt.law-enforcement,alt.prisons,rec.radio.amateur.homebrew,rec.radio.amateur.equipment,rec.radio.scanner,rec.radio.amateur.misc,rec.radio.cb,rec.radio.shortwave,alt.radio.scanner,misc.emerg-services

```
IMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM:
: :
: Large selection of file areas...Crime Prevention Information, :
: Ham Radio, Law Enforcement and General Software. Many Door :
: areas are available-Try them--they are entertaining & Fun!! :
: C.O.P.S BBS is available 24 hours a day, 7-days a week. :
: 8-N-1 supports up to 14.4 baud rate. :
: Thousands of CD-ROM files on-line!!! :
: :
: Check It Out TODAY! ! ! :
: :
: C.O.P.S. B B S :
: San Jose, CA :
: U.S.A :
: (408) 996-7790 :
: Tell them Kevin sent you!! :
:MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM:
--
-------------------------------------------------------------------------------
Kevin Curry
P.O. Box 7083 The night prowler strikes again!
Fremont, CA 94537-7083
E-Mail - kevincur@netcom.com
Never insult seven men, when all you're packin' is a six gun - Zane Gray
-------------------------------------------------------------------------------
```

2865. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-21 09:11:56 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.164.0009332E@ccm.hf.intel.com>
Source record: 275186
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave

In article <a10554.766924360@giant> a10554@giant.rsoft.bc.ca (David Tse) writes:

>That guy has been advertising too strongly here, I suggested he leaves
>a little space, as it is not at all within Internet regulation (at
>least on this side of the Internet) to put what is considered commercial
>traffic here. How do I determine it is commercial traffic? What else
>would you think it is? I usually don't mind some selling in the
>wrong group, but he is literally pushing his product with sales pitch!

>If there is trouble because of this, I suggest sending copy of his
>post to the administration at his host (which is public access commercial
>Internet service.)

I think we are getting a little too worked up here. Richard has been on the net for a lot of years, and he is not the bad guy people are making him out to be.

Since the National Science Foundation gave up control of their portion of the internet, the are no "rules" on what can be done over the internet. The only rules now are "netiquete". I'm sure Richard knows all about that already.

Richard was just using supply and demand. If his price is too high then no one would buy them, he would then lower the price until they were sold. I personally think he was jumping the gun a little, but if he got his asking price for the scanners, then obviously the demand was high enough to justify the price. (although the sales pitch was a bit strong for the net)

What people seem to be worked up over, is that he is profiteering over Usenet, but I don't think that's the real issue. If Richard were go to Japan and buy the Yupi for $400, bring them back to the U.S. and sell them for $450, you can bet no one would complain. They would welcome such a deal. He is still making a profit, but providing a serivce by selling the scanners below what the average Joe could get them for. My point is, what he is doing is no different. If people dish out their cash, then that is an indication that it IS a good deal - even at $700, otherwise they wouldn't buy it.

The real issue is whether the people who purchased from Richard knew that the scanner is still available from other sources at a "cheaper" price. Here on the net, people are always trying to help people find the best deal. So if someone is selling the scanner at a higher price we feel it is our duty to warn everyone. I guess that is what is happening here, but the warnings should be directed at the buyers, NOT at Richard. The price of the Yupi has been posted he MANY times in the past (as well as the April 26 deadline), so if folks are still willing to pay $700, they either don't READ the messages here OR they feel that $700 is worth it. Flaming Richard isn't going to

change either of these.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2866. Re: Anyone ever used counters?

Newsgroup: rec.radio.scanner
Date: 1994-04-21 09:31:00 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.165.00098498@ccm.hf.intel.com>
Source record: 275188

In article <2p46vi$o4l@ionews.io.org> gesman@ionews.io.org (Gleb Esman) writes:

>Does anyone has any experience using frequency counters for scanning?
>Does it helps much? What if you're close to some strong signal source,
>like radio station or so, would counter still be helpful?
>Any opinions about ATH-15 model (1-1,500 MHZ)?

I owned one for about a year and then sold it. My personal opinion is that if you are not the type to drive around for the specific purpose of determining a frequency, then you will never use it. Just having it with you, is not going to provide much useful info. For finding new frequencies, you have to be fairly close to the transmitter.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

2867. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-21 10:32:40 UTC
From: a10554@giant.rsoft.bc.ca
Message-ID: <a10554.766924360@giant>
Source record: 275322
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave

That guy has been advertising too strongly here, I suggested he leaves a little space, as it is not at all within Internet regulation (at least on this side of the Internet) to put what is considered commercial traffic here. How do I determine it is commercial traffic? What else would you think it is? I usually don't mind some selling in the wrong group, but he is literally pushing his product with sales pitch!

If there is trouble because of this, I suggest sending copy of his post to the administration at his host (which is public access commercial Internet service.)

Thank you for your attention :).
David Tse
--
David Tse, VE7MDT Internet: a10554@giant.rsoft.bc.ca
I will prefer e-mail sent to above address.
My PO Box is CANCELLED, please do not use.

2868. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-21 12:38:03 UTC
From: ah595@cleveland.Freenet.Edu
Message-ID: <2p5s3b$t2d@usenet.INS.CWRU.Edu>
Source record: 275323

In a previous article, wb9omc@constellation.ecn.purdue.edu (Duane P Mantick) says:

>
> You know, I think it would behoove us if someone in a position
>to do so would start investigating the creeps that keep trying to
>submit this sort of garbage legislation around the country. I
>*strongly* have my doubts that it is JUST some alleged public
>safety concerns that are driving these things. If I'm right about
>that, we need to find out WHAT the driving force is.....
>

That's a good question. Maybe if we knew WHY he introduced
this law we could fight it better!

Eric

2869. Re: Case for the Yuppy puppy?

Newsgroup: rec.radio.scanner
Date: 1994-04-21 12:54:11 UTC
From: schuster@panix.com
Message-ID: <2p5t1j$fj5@panix2.panix.com>
Source record: 275324

In article <wier-200494202143@csci-wiermac.etsu.edu>,
Bob Wier <wier@merlin.etsu.edu> wrote:
>Sorry about that - couldn't resist that subject line.
>
>I've heard that there are two cases for the 7100, a plastic
>one and a leather one. Any opinions on which to go with?
>The price seems similar. And I don't want to go around
>using a $600 radio naked (oops, that doesn't sound
>right either...)

The plastic case protects the keyboard from dust and numeral wear, and the
display from scratches. But it's soft vinyl and will wear too; also it
makes the display even more difficult to read.

The leather case is thick and tough, but does nothing to protect the
display or keypad.

Take your choice. I find myself using the vinyl one the most.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

2870. ILL SCAN BANN, PLEASE CALL

Newsgroup: rec.radio.scanner
Date: 1994-04-21 13:15:03 UTC
From: zlew14@NAP.AMOCO.COM
Message-ID: <1994Apr21.081503.14882@amoco.com>
Source record: 275175

Here's another cross posting from CIS. It includes the phone number of
the rep that proposed the bill TOM CROSS. I am urging anyone who wants to
keep their scannner in Illinois to call his office as well as your local rep.
and voice your opinion. Boy wouldn't it be nice to get a INTERNET ADDRESS
for these people. If I find more address and phone numbers I will post them
at a later time.

Larry

Illinois House Bill 4180, which makes illegal the possession of any
scanner that can be DC power operated, was sent to committee on 14
April, 94. It wil be discussed before committee on 21 April, 94, Room
D1, at the Straton Building, In Springfield, Illinois. The general
public will be allowed to testify before the committee at that time.
You will need to arrive early and obtain a witness slip if you plan
to testify.

This Bill was proposed by Rep. Tom Cross, from Yorkville, Illinois.
His Yorkville office number is (708) 553-0000. His Springfield Office
number is (217) 782-1331. The current status of the bill may be
checked by calling the clerks office in Springfield - (217) 782-7192.

More information will be posted here soon. We urge you to appear in
Springfield Thursday morning for a real show of force. In the
meantime, why not contact Rep. Cross at his office and let him know
how you feel. Write a letter to your Illinois House representative
and the Governor. Stand up and be counted, fight for your rights or
lose them forever! - Ted / Chicago Area Radio Monitoring Association.

Jerry

Larry Wall Amoco Chemical Co. Email: LEWALL@AMOCO.COM
VAX System Manager Voice: 708.420.4487 CIS: 70534,2301
Technical Support Services X.400: C=US A=ATTMAIL P=AMOCO S=Wall G=Lawrence I=E
All Opinions expressed are my own!!!
"AVAST, YE SCURVY CORPORATE SWABS!! PREPARE TO BE BOARDED" --- Bloom County
---

2871. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-21 13:39:07 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2p5vlr$kj3@dancer.cc.bellcore.com>
Source record: 275176

In article <wier-200494202819@csci-wiermac.etsu.edu>,
Bob Wier <wier@merlin.etsu.edu> wrote:
>> >FLASH - IMPORTANT - ACT NOW
>> >HOUSE BILL 4180 - 88TH GENERAL ASSEMBLY STATE OF ILLINOIS 1993 AND 1994
>> >INTRODUCED BY REPRESENTATIVE CROSS ON 12 APRIL 1994
>> >SYNOPSIS AS INTRODUCED 720 ILCS 5/31-9 NEW
>> >LRB8814416RCMB Sec.31-9
>> >Amends the Crminal code of 1961. Prohibits the possession of a receiver or
>> >transceiver capable of monitoring or broadcasting police, fire, or other
> ^^^^^^^^^
>
>Since that would appear to restrict the ownership of ham radio rigs with
>wideband receive capability it appears to put the proposed law squarely
>in conflict with the FCC regulatory powers over transmitters. Plus of
>course a lot of current ham rigs run ONLY on DC - to run them in the
>house you have to have an AC to DC power supply (like my ICOM 735).
>
>If it passes in this form it will undoubtedly be taken to federal court
>as a jusridictional conflict between the state and the feds. Sure would
>be nice to avoid the legal fees to the nation (via the FCC) and to the
>people of Ill (both the feds and the state) to fight that out...
> Bob Wier, East Texas State U., Commerce, Texas

But the jurisdictional question/issue would ONLY be as to the effect
of the law on licensed amateur radio operators (hams). If that happened,
it wouldn't invalidate the law, it would merely eliminate the law's
impact on hams. Personally, I detest these laws and as both a ham
and scanner enthusiast worked towards changing the old New Jersey
law to one that allows scanners anywhere. The law was changed for
the benefit of both hams and non-hams. Hopfully, the same approach
will be taken by the combined efforts of hams and non-hams to fight
this proposed law in IL.

Having said that, remember that all the IL legislature needs to do
to avoid conflicting with federal jurisdiction relative to hams
would be to add "amatuer radio operators" to the list of
exempted people. Also,, even if the law passes in its current
form (without a ham exemption), don't expect the FCC to go to bat
against the state on a jurisdictional issue. That, unfortunately,
will only happen when a ham is charged for violating the law
AND it will be the burden of the ham to prove to the IL courts that
hams should not be charged under the statute by basis of federal
pre-emptive rights.

Also, I cross-posted the notice about the proposed new law to
the "autos" newsgroups as I agree with another poster that suggested
that the law (at least according to the synopsis) could be
interpreted to ban radar detectors also.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

2872. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-21 13:39:38 UTC
From: horak@convex.com
Message-ID: <horak.766935578@convex.com>
Source record: 275177
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave

In <1994Apr20.204236.12701@integrity.uucp> barryc@mpd.tandem.com (Barry Chalcroft) writes:

>That Guy in Canada is:

>Radio Lorenz
>482 Ste. Catherine St. West
>Montreal, Quebec H3B 1A6
>ph: (514) 392-9200
>fax: (514) 392-4767

>MVT-7100 for $570 US with shipping, handling and customs fee.

I'm getting pretty much the same deal. He told me that the import
restriction only applies to dealers and that he is not restricted
selling it to me as an individual. Of course, he could be wrong
but either way, I'm getting it before the deadline.

David

2873. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-21 13:42:28 UTC
From: crisp@netcom.com
Message-ID: <crispCoM3Es.3pE@netcom.com>
Source record: 275178
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave

In article <1994Apr20.204236.12701@integrity.uucp> barryc@mpd.tandem.com (Barry Chalcroft) writes:
>
>I`d consider this price gouging myself. Some people sell water in a
>drought for $10 a gallon or plywood before a hurricane for 5-10x it's
>cost. That`s the dark side of capitalism, greed.

Comparing price gouging in times of a natural disaster where people's lives and property are at risk to rising prices of some hobby equipment when supplies are disrupted is blatantly irresponsible. I would say a far fairer comparison would be to the price rises of things like AK47 and AR15 rifles after the government arbitrarily decided they would stop importation of the former and severly restrict manufacture and sale of the latter.

We all know what you mean, but your gripe is misdirected. You should vent your ire at your elected congressional delegation, not someone that is simply trying to make a buck. I noticed that when Saddam invaded the Kuwait that oil prices rose sharply overnight. There is a simple explanation for this: when supplies are disrupted prices rise.

Greed, like it or not, is what motivates all in business. Many will not admit it, but the fact is they are all in it for a profit. I have no problem with it at all. Many feel that profit is immoral.

For an example of how well systems work when the profit motive is removed have a look at the formerly Communist countries. They abhorred profit, felt all should have in accordance with their needs, and today you can't even buy a week's worth of food with a month's wages.

You would do well in the Democratic People's Republic of Korea, perhaps the last bastion of communism. The guy to contact is Kim Il-Sung.

By the way it is possible to hear him on my Yupiteru, just tune 6576 or 9977 at 1100utc!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2874. Ill scan ban "LAW WORDING"

Newsgroup: rec.radio.scanner
Date: 1994-04-21 13:47:04 UTC
From: zlew14@NAP.AMOCO.COM
Message-ID: <1994Apr21.084704.15556@amoco.com>
Source record: 275179

Here is the exact wording for the illinois scan ban proposal.
Larry

Illionis House Bill 4180 Amends the Criminal Code of 1961. Prohibits the possession of a receiver or Transceiver capable of monitoring or broadcasting police, fire, or other municipal frequency operates exclusively on alternating current power. Penalty is a Class B misdemeanor. Exempts peace officers, fire officials, municipal employees, agents acting in an official capacity, and the press.

the wording is as follows:

HB4180

AN ACT to amend the criminal code of 1961 by adding Section 31-9.

Be it enacted by the People of the State of Illinois, represented in the General Assembly:

Section 5. The Criminal Code of 1961 ia amended by adding Section 31-9 as follows:

(720 ILCS 5/31-9 new)

Sec. 31-9. Poertable scanners.

(a) A person, other than a peace officer, fire offical, other municipal employee, agent acting in a officail capacity, or member of the press, shall not possess a receiver or transceiver capable of monitoring or broadcasting police, fire, or other municipal radio frequencies unless the device operates exclusively on alternating current power.

(b) Violation of subsection (a) of theis Section is a Class B misdemeanor.
==========
Larry Wall Amoco Chemical Co. Email: LEWALL@AMOCO.COM
VAX System Manager Voice: 708.420.4487 CIS: 70534,2301
Technical Support Services X.400: C=US A=ATTMAIL P=AMOCO S=Wall G=Lawrence I=E
All Opinions expressed are my own!!!
"AVAST, YE SCURVY CORPORATE SWABS!! PREPARE TO BE BOARDED" --- Bloom County
==========

2875. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-21 13:54:43 UTC
From: crisp@netcom.com
Message-ID: <crispCoM3z8.4C6@netcom.com>
Source record: 275180
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave

In article <1994Apr20.204236.12701@integrity.uucp> barryc@mpd.tandem.com (Barry Chalcroft) writes:
>
>RE legalities:
>
>So what if it`s against the law... Why let a little thing like that stop
>you? I have no problem breaking laws, it's getting caught I`m worred

Who's loss will it be if it is siezed by customs (assuming you have it mailed or shipped to you)? If it is the loss of the seller, then it seems fine to take the risk. If the risk is yours, understand that you may be out $570+ dollars and have nothing to show for it but elevated blood pressure. If I understood the details of your transaction, then you sent the money in advance. It would appear that stated or not, you are assuming the risk.

>What was your cost? Do I get a warranty, after sales services, after

Barry, in all fairness, do you ask this question regarding cost (hence profit) to the merchants you shop with? I dare say not. Why is it OK for your landlord or grocer to make a profit on goods and services they provide to you and it is not OK for me to? Is it Ok to make profits on necessities and not on hobby equipment?

--
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(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2876. What Bands are Illegal to Scan

Newsgroup: rec.radio.scanner
Date: 1994-04-21 14:44:31 UTC
From: shawnlg@netcom.com
Message-ID: <shawnlgCoM6A7.JnJ@netcom.com>
Source record: 275181

I have heard much about how it is illegal to scan cellular phones. What else is illegal? Cordless? Mobile phones on other bands? If someone has access to the law or understands it, what exactly does it say about listening to these frequencies? What is the class of crime?

--

Shawn Gordhamer
shawnlg@netcom.com
Rochester, Minnesota USA

2877. Re: Anything comparable or better than Yupiteru MVT-7100?

Newsgroup: rec.radio.scanner
Date: 1994-04-21 14:52:13 UTC
From: crisp@netcom.com
Message-ID: <crispCoM6n1.4yx@netcom.com>
Source record: 275182

In article <2op925$rg@crl2.crl.com> mjr@crl.com (Matthew Rapaport) writes:
>In article <CoCyGK.2AD@metronet.com> copeland@metronet.com (Charles Copeland) writes:
>>
>>Its my understanding the 7100 is a good scanner (>30mhz), but not a good
>>shortwave receiver (<30mhz). I tried to get the best of both, on a budget.
>>I bought a used PRO-2006 ($250) at a pawn store. And a used Sony 2010 ($220)
>>here on the internet. Both of these are on the verge of going out of
>>production. Hope their will be some equivalent replacements in the future.
>>
>>
>Not so... For a HANDHELD, the MVT-7100 is very good <30Mhz No, it can't
>compete with a base unit, but I can listen to the major b-casters while
>walking around the house with the stock whip antenna, and I have picked up
>military and ham on SSB, etc. I'd say the issue here is HT vs base/mobile.
>For an HT, there is nothing I've heard of that comes close to the 7100

Matthew is right. I regularily use my *used* MVT7100 for monitoring HF
military traffic while driving around in my car. I open the sunroof and
poke the antenna out. Good old 11176 comes in great (USB, of course),
and I have even logged Air Force 1 twice on 6812USB. It is true that
the tuning is a bit off and is noticable on SSB, but it is only
a minor irritation and it is very easy to tweak considering the 50hz steps
.

Someone complained that 50hz steps ae too coarse for effective SSB use.
They are half as coarse as is found on a Sony 2010 or a SonySW55. Both
of these radios enjoy a fine reputation in this and other news groups.
I personally find 50hz fine, but greatly prefer the 1Hz tuning I have
on my WJ HF1000 or the three Racals I recently sold to get the WJ. With
those puppies you can nail the thing right on!

I have bought and used all of the popular handheld scanners, and find
nothing compares with the Yupi 7100. Because I am such a big fan of it
and because I like to buy new radio gear, I have attempted to provide
a service to the radio community by extolling the virtues of the 7100,
and even bring a few of them in for the benefit of the lucky few that
have been able to get them. No one that has bought one from me has
ever complained about it, and I typically get email from very satisfied
owners after they got them.

If you can find one, get it!

--
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"It is a good thing that we do not get as much government as we pay for"

-Will Rogers

2878. INMARSAT (legalities of monitoring it?) was re: INMARSAT

Newsgroup: rec.radio.scanner
Date: 1994-04-21 14:56:10 UTC
From: crisp@netcom.com
Message-ID: <crispCoM6tn.5B0@netcom.com>
Source record: 275183
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <anton.766613451@sfu.ca> anton@fraser.sfu.ca (Tricia Anton) writes:
>Lee I read your post with interest and tried to e-mail back but it bounced
>I'd be most interested in hearing about your receiver, antenna, etc that you
>use to pull in INMARSAT signals and what your experience has been in what you
>hear on that bird. I'm quite interested in trying to monitor this bird and
>I'm looking at what options (preferably cheap) I can use. Down East Microwave
>has a loop yagi and pre-amp for 1536 mhz and I'm looking for a downconverteer
>as teh cost of an ICOM R7100 might include a divorce lawyer. I'd appreciate if you could
>e-mail me at anton@fraser.sfu.ca, post again with a phone number or call me at
>604-755-3447(days) 604-758-3038(evenings) Pacific standard. I'm hoping to
>try pulling in some military comm sats today if the PRO2004, pre-amp, and
>antenna come together and I point in the right direction. Hope to hear from
>you (or any other INMARSAT afficionados)
>
>Chris Anton
>

While I am not a lawyer, I believe it is just as illegal to monitor INMARSAT
as it is to monitor cellular. Reading the penalties in the ECPA, it appears
the penalties for monitoring cellular are *reduced* in comparison to the
penalties for monitoring other services where you are not the intended
recipient. It may be worth reading Title 18USC section 2511 if you
would like the straight scoop.

--
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"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2879. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-21 15:11:45 UTC
From: jep@unlinfo.unl.edu
Message-ID: <2p653h$pl1@crcnis1.unl.edu>
Source record: 275184
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave

```
: So complain about the price but when you have the goods, and they are wanted
^^^^^^^^^^^^^^^^^^^^^^^^
: supply and demand dictate pricing. The price is $700 and the buyer pays
: shipping.
: --
: Richard Crisp Cupertino, Ca. crisp@netcom.com
: (415) 903-3832 wk (408) 253 4541 fax
: "It is a good thing that we do not get as much government as we pay for"
: -Will Rogers

Ok, I will.

Richard,
The last time I remember you selling these, you had one new one
for..$575 as I recall. Now you have a batch of five you are (have
been) selling. Hmmm... As I recall you can only bring three non FCC
approved radio devices into the country for PERSONAL use at one time.

Here's an address for you-
424 Customhouse
555 BNattery Street
San Francisco, CA 94111

It's your local FCC office. Go there and turn yourself in.

Steve, N0SFE
--
_/_/_/_/_/ _/ _/ _/_/_/_/ | Stephen Kemal Panarelli
_/ _/ _/ _/ _/ | University of Nebraska
_/_/_/_/_/ _/_/_/ _/_/_/_/ | Electrical Engineering
_/ _/ _/ _/ | jep@unlinfo.unl.edu
_/_/_/_/_/ _/ _/ _/ | panzar@yoda.unl.edu
```

2880. Mods for PRO-46?

Newsgroup: rec.radio.scanner
Date: 1994-04-21 15:28:17 UTC
From: trask@ASLVX1.SUGAR-LAND.ANADRILL.SLB.COM
Message-ID: <2p662h$htn@sndsu1.sinet.slb.com>
Source record: 275185

I am looking for any mods for the PRO-46. I have mods for almost any other
"PRO" series scanner.
Thanks in advance,
Fred

Trask@sugar-land.anadrill.slb.com

2881. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-21 16:27:18 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Apr21.162718.18582@alw.nih.gov>
Source record: 275187

Shawn Gordhamer (shawnlg@netcom.com) wrote:

[stuff about mods to scanners edited]

: Why is this done? If it is truly illegal to scan these frequencies,
: wouldn't it make sense for the software itself to be unable to do so? Is

[more stuff edited]

Here's my take on this (and someone will bludgeon me if I'm wrong)...

The ``clip a diode here, put a jumper there stuff'' is the result of the fact that the United States isn't the only place in the world and that the scanners are often sold all over the world. The manufacturers generally invented ways that *they* could easily modify the scanner to adhere to the local laws of whatever countries they were trying to market (or, indeed, import) their scanner in(to).

The easyness of the mods is only going away because US law specifically, as of April 26, requires that they make the units unmodifiable (whatever that means). It seems as if elsewhere the burden to obey the law is somewhat more on the user of the device than on the manufacturer.

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

2882. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-21 16:31:53 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2p69pp$3bf@dancer.cc.bellcore.com>
Source record: 275189

In article <2p5s3b$t2d@usenet.ins.cwru.edu>,
Eric J. Hess <ah595@cleveland.Freenet.Edu> wrote:
>
>In a previous article, wb9omc@constellation.ecn.purdue.edu (Duane P Mantick) says:
>
>> You know, I think it would behoove us if someone in a position
>>to do so would start investigating the creeps that keep trying to
>>submit this sort of garbage legislation around the country. I
>>*strongly* have my doubts that it is JUST some alleged public
>>safety concerns that are driving these things. If I'm right about
>>that, we need to find out WHAT the driving force is.....
>>
> That's a good question. Maybe if we knew WHY he introduced
>this law we could fight it better!

Odds are the bill is the result of:
1- A request by the State Police and/or one or more of the various
police associations that exist in the state,
2- The legislator's reaction to hearing about a crime that was
committed where the criminals were using a scanner, or
3- Both 1 and 2 above.

Unfortunately police organizations tend to have the ear and
leverage with at least several legislators in any governing
body. Often pthe police want everything their way with no
regard what-so-ever to individual rights, freedoms, etc.

Sorry if this sounds extreme, but if you were around when CB radio
first became the rage, the police would have loved to have them banned
too.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

2883. Any opinions on Shinwa scanners?

Newsgroup: rec.radio.scanner
Date: 1994-04-21 16:46:51 UTC
From: "Michael G. Mattock" <mattock@rand.org>
Message-ID: <2p6alr$s04@rand.org>
Source record: 275190

I am considering buying a Shinwa total coverage scanner.
Has anyone on the net had good or bad experiences with Shinwa?

Thanks,

Michael

Michael Mattock | RAND
Voice: (310) 393-0411 x6548 | 1700 Main Street
Internet: Michael_Mattock@rand.org | Santa Monica, CA 90407-2138

2884. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-21 16:47:35 UTC
From: dbashaw@synoptics.com
Message-ID: <CoMBzB.D2M@synoptics.com>
Source record: 275191

Someone said:
>: >Amends the Criminal code of 1961. Prohibits the possession of a
>: >receiver or transceiver capable of monitoring or broadcasting
>: >police, fire, or other municipal radio frequencies unless the
>: >device operates exclusively on alternating current power. Penalty
>: >is a Class B misdemeanor. Exempts peace officers, fire officials,
>: >municipal employees, agents acting in an official capacity, and
>: >the press.

A friend of mine from Iran says there is a good, but risky, business
in his home land for providing radios for monitoring the freqs of the
enforcement types. Perhaps Illinois will be in need of such a service soon.
Anybody game for a possible new business venture :((this was his idea, not mine).

Dave Bashaw
wa6qwl

P.S. Will they have to pry the scanners from the cold, dead fingers of yall out
there in Illinois? Or are you gonna come peaceful-like?

2885. Re: RS Telescoping scanner antenna?

Newsgroup: rec.radio.scanner
Date: 1994-04-21 16:52:16 UTC
From: dseitel@crl.com
Message-ID: <2p6b00$ssu@crl.crl.com>
Source record: 275192

Tim Foecke wrote:
: Does anyone have a model number for the telescoping antenna from RS for my
: scanner?

I'm not sure this is what you're after, but the center-loaded
telescoping BNC-connector one is #20-006.

David Eitelbach

--
"Old people like to give good advice as solace for no longer being able
to provide bad examples."
--La Rochefoucauld

2886. Re: digital celluar

Newsgroup: rec.radio.scanner
Date: 1994-04-21 17:50:02 UTC
From: crisp@netcom.com
Message-ID: <crispCoMEvE.9F2@netcom.com>
Source record: 275193
Cross-posted to: alt.radio.scanner,rec.radio.scanner,talk.politics.firearms

In article <940420222607381@info-net.com> ken.gettys@info-net.com (KEN GETTYS) writes:
>Arn't the celluar service providers switching to digital signals and
>therefore making the celluar transmittions unlistenable via scanners
>anyway?

yes this is what is now happening. It will take some time before the
analog gear is phased out, but it does serve to underscore the silliness
of the new law.

The new law banning cellular capable scanners is very similar to what
happened with certain firearms in 1986. First machineguns were
required to be registered in 1934. In 1986 manufacture of machine
guns for sale to civilians was made illegal with previously registered
ones remaining legal and salable. Now in 1994, the whole combined
force of the media, the lawmakers and various special interest groups
have joined forces to eliminate all gun ownership.

In 1934 the first laws were put on the books at the Federal level
to protect radio and wire communications. In 1986 (see the pattern?)
the ECPA was passed with a large amount of lobbying by the cellular
telephone industry association. In 1992, we got the scanner ban
jammed down our throats. Now we are reading of legislation in Illinois
making it illegal to *possess* a battery powered scanner.

The path the gun banners are taking is precisely the same as the one
being taken by the scanner banners (kinda of catchy name, Scanner Banner).
It is important to recognize that the government is out to destroy our
hobby despite the fact that the overwhelming majority of scanner listeners
are doing so for their own personal enjoyment and are presenting a threat
to no one.

I get really disgusted with the notion that the government is here to
help and protect us and is doing so by encroaching my liberties on a
daily basis. I have never considered myself anything like a radical,
but to listen to the rhetoric be spouted by the congresscritters one
would think that anyone that likes to shoot or listen to radios, is
some kind of leftist terrorist or some wild eyed kook. I for one
really resent this.

I'd be interested in other opinions others may have on this.

--
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(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"

-Will Rogers

2887. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-21 17:50:20 UTC
From: dseitel@crl.com
Message-ID: <2p6ecs$73k@crl.crl.com>
Source record: 275194

William Glover wrote:
: ...These stupid scanner laws are the result of feel good liberals....

I sure don't know how the vote tally breaks down, but would be surprised to find it a "liberal" effort. "Conservatives" seem much better at getting the government off the backs of business than off the backs of individuals--ironic, to me. These words are slippery as descriptive terms. In medicine, it is "conservative" to rip open a guy's chest and strap in some leg veins, "radical" to tell him to diet, exercise and cut down fats. Also, "liberal" has become a loaded word, further reducing its value as a descriptive term. It works fine for demonizing the opposition, though.

I know it sounds here like I *am* a liberal, but I'm really neither. I just have a problem with these labels.

David Eitelbach
--
"Old people like to give good advice as solace for no longer being able to provide bad examples."
--La Rochefoucauld

2888. Realistic PRO-2024

Newsgroup: rec.radio.scanner
Date: 1994-04-21 18:11:37 UTC
From: rp4541@albnyvms.bitnet
Message-ID: <1994Apr21.181137.28557@sarah.albany.edu>
Source record: 275195

I was wondering if anyone know the Modifications for the Realistic PRO-2024. It is the 60 ch. model with 10 band coverage (up to 512 mHz). Thankyou very much on any help you can give me!

Thankyou,

Ron rp4541@albnyvms.bitnet.edu

2889. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-21 18:43:13 UTC
From: crisp@netcom.com
Message-ID: <crispCoMHC1.DrD@netcom.com>
Source record: 275196

In article <2p29kd$c9g@dancer.cc.bellcore.com> whs70@dancer.cc.bellcore.com (sohl,william h) writes:
>Amen to that. If, the new crop of scanners does prove to be
>unmodifiable, then you'll see a bunch of tech articles on
>how to build a broadband downverter. As pointed out above, the parts
>to build such a unit are not of any special electrical
>design that they could be readily banned from sale. It should
>be interesting to see how things go as the once the stock of
>cellular cabable scanners disappears from store stocks.
>
>

One thing you can count on, the price of cellualar capable scanners will not be less than today. Thank the feds for creating a windfall profit opportunity for the lucky ones in possession of stock.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2890. frequency allocation.

Newsgroup: rec.radio.scanner
Date: 1994-04-21 18:51:08 UTC
From: aq479@cleveland.Freenet.Edu
Message-ID: <2p6hus$3kn@usenet.INS.CWRU.Edu>
Source record: 275197

My fire dpartment is presently using "low band" 46.46 Mhz as
our primary freq with some other alternate channels for
fireground etc. I have heard that the FCC is palnning on
reallocating the frequencies in this range for other use and better
use of the spectrum. Can anyone confirm this and if so, when will
it be done, and more importantly, what will they do to those
organizations that remain in that frequency range?

thanks
#####
--
"Skigs" aka Paul Sincaglia

Fire Protection Engineer Firefighter/EMT
Morrison Knudsen Chagrin Falls FD
--
Hear the news AS IT HAPPENS. Become a Radio Scanner Monitor.
For more information, e-mail:
aa617@po.cwru.edu, aa667@po.cwru.edu or, xx192@po.cwru.edu
Scanner Enthusiasts do it with Frequency...

2891. FireNet

Newsgroup: rec.radio.scanner
Date: 1994-04-21 19:10:48 UTC
From: b1y1m39@kato.BELL-ATL.COM
Message-ID: <CoMIM0.9K7@kato.BELL-ATL.COM>
Source record: 275198
Cross-posted to: rec.radio.scanner,misc.emerg-services,alt.radio.scanner

I'm interested in starting a FireNet notification network
here in the Phila. area. I currently have an alphanumeric
pager from SkyTel. If anyone else who is on that system is
interested (anywhere in their coverage area across the US),
please reply.

To keep message costs to a minimum, message size would be limited
to 80 characters. If there's enough interest, notification of
other major incidents could be included.

I will summarize to those who respond.

Thanks,

Bob Esposito
Rescue Captain
Station 44 - Montgomery Co., PA

--
==========
Bob Esposito | Voice/Voice-Mail: (610) 278-2595
Bell Atlantic Corp. | FAX: (610) 278-2708
Philadelphia, Pa. | Internet: b1y1m39@kato.bell-atl.com

2892. LOOKING FOR YAGI ANTENNA DESIGN

Newsgroup: rec.radio.scanner
Date: 1994-04-21 19:27:14 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Apr21.152240.1@cad3.uccb.ns.ca>
Source record: 275199

I AM STILL LOOKING FOR DIRECTIONS TO BUILD A YAGI DIRECTIONAL
ANTENNA FOR CELLULAR.
IF SOMEONE OUT THERE HAS SUCH INFO COULD YOU PLEASE SEND IT TO ME.
I WILL GLADLY PAY FOR PHOTOCOPING AND POSTAGE.
NEED SOMETHING WITH A DIAGRAM SO I CAN BUILD FROM SCRATCH.
THANK-YOU IN ADVANCE

RLING@CAD.UCCB.NS.CA

RON LING
PO BOX 275
SYDNEY NOVA SCOTIA
CANADA, B1P-6H1

2893. Re: Anything comparable or better than Yupiteru MVT-7100?

Newsgroup: rec.radio.scanner
Date: 1994-04-21 19:40:54 UTC
From: wier@merlin.etsu.edu
Message-ID: <wier-210494134054@csci-wiermac.etsu.edu>
Source record: 275200

In article <crispCoM6n1.4yx@netcom.com>, crisp@netcom.com (Richard Crisp) wrote:

>
> I have bought and used all of the popular handheld scanners, and find
> nothing compares with the Yupi 7100. Because I am such a big fan of it
> and because I like to buy new radio gear, I have attempted to provide
> a service to the radio community by extolling the virtues of the 7100,
> and even bring a few of them in for the benefit of the lucky few that
> have been able to get them. No one that has bought one from me has
> ever complained about it, and I typically get email from very satisfied
> owners after they got them.
>
> If you can find one, get it!
>
> --
> Richard Crisp Cupertino, Ca. crisp@netcom.com

I have to jump in here and say that I've exchanged mail with Richard a number of times and he seems like a reasonable guy. I think people are over-reacting here. In fact I had queried him a few times on doing a purchase myself, but always seemed to hit a period where he didn't have one. In the meantime, I had a friend go to London to a conference and so had them bring one back for me.

If he feels like the going market should be a certain price, so be it. It doesn't put him in the same light as the lawyers or Jesus freaks who post to 3,500 newsgroups simultaneously, or the guys with the Dave Rhodes pyramid schemes...

======== insert usual disclaimers here ============
Bob Wier, East Texas State U., Commerce, Texas
keeper of the Adobe Photoshop, MC68HC11, ICOM mailing lists
wier@merlin.etsu.edu (watch for address change)

2894. Re: Case for the Yuppy puppy?

Newsgroup: rec.radio.scanner
Date: 1994-04-21 19:43:10 UTC
From: crisp@netcom.com
Message-ID: <crispCoMK3y.IvJ@netcom.com>
Source record: 275201

In article <wier-200494202143@csci-wiermac.etsu.edu> wier@merlin.etsu.edu (Bob Wier) writes:
>Sorry about that - couldn't resist that subject line.
>
>I've heard that there are two cases for the 7100, a plastic
>one and a leather one. Any opinions on which to go with?
>The price seems similar. And I don't want to go around
>using a $600 radio naked (oops, that doesn't sound
>right either...)
>
>Please drop me a note or post here.
>
>

I know that Matthew Rappaport has tried both cases (he is another satisfied customer of mine, btw), and has opinions regarding the relative merits of the two cases. But whatever case you get GET A CASE to preserve the little cute numbers from wearing off the keys. They are sometimes hard to find as the Yupi's are such a cult item, but they are worth the look.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2895. HAM repeater frequencies (potential FAQ)

Newsgroup: rec.radio.scanner
Date: 1994-04-21 20:05:08 UTC
From: P.J.Hinton@nd.edu
Message-ID: <2p6m9k$99j@news.nd.edu>
Source record: 275202

I'm fairly new to scanning (less than four months), so please forgive me
if this is an FAQ.

In <<Police Call>>, there is a listing of frequencies and their allocations
(e.g., cordless telephones, public safety, railroads, etc.). I noticed that
there are several bands which are designated for HAM radio, and I am interested
in listening to frequencies being used in my area. The problem is that I have
no SEARCH option on my scanner, and there's no one I know personally who could
answer this question. Could someone out there direct me to a useful reference
listing HAM repeaters or even perhaps provide some of the frequecies used in
the area near South Bend and Mishawaka? Thanks in advance.

Regards,

P.J. Hinton
Graduate Student--University of Notre Dame Chemical Engineering Department

INTERNET: P.J.Hinton@nd.edu

2896. FLASH! -- Illinois anti-scanner/transceiver bill derailed

Newsgroup: rec.radio.scanner
Date: 1994-04-21 20:19:22 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CoMLsD.IrD@cbnewse.cb.att.com>
Source record: 275203
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

x
I just spoke with Rep. Tom Cross, my Illinois (Republi-
can) congressman who introduced IL House Bill 4180,
essentially outlawing portable and mobile scanners and
transceivers with extended frequency coverage.

He has shelved the bill temporarily and will reintro-
duce a much different version later. The new version
will make it a crime to *use* a radio receiver like a
scanner in the commission of a crime.

Cross said he was originally prompted by police groups
who are frustrated by gang members and criminals using
scanners. Now, that he has heard from several people
protesting 4180, he realizes the side effect of outlaw-
ing scanners and regrets that the original bill was
drafted so poorly.

Cross asked me how I heard about the bill and I told
him "a computer network at Bell Labs." I told him I
would let people know the results of our conversation.

--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

2897. Re: INMARSAT (for Lee Reynolds. Others can ignore)

Newsgroup: rec.radio.scanner
Date: 1994-04-21 20:42:32 UTC
From: rrolf@gpu.srv.ualberta.ca
Message-ID: <2p6ofo$dcd@quartz.ucs.ualberta.ca>
Source record: 275237
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Sorry for the bandwidth guys, but this is an interesting topic, and we need to fix this problem.

Lee, I get your mail but tosspost.sv.com does not exist! Whois can't find you. Lookup can't see you. Are you a Slip connection? in which case you can't get mail without inconveniencing everyone, so don't even try. We have a lot of users here (via slip) who send mail, and then wonder why replys bounce. You have to be connected all the time to get mail directly. Try finding someone to host your mail, and direct it there.

The other possibility is that your MX record has a typo (srv for sv perhaps). Only your sysadmin can know for sure.

Good luck. Try mailing yourself with a full domain spec to see if your DNS is working correctly.

Robert

2898. Help with final decision on a Scanner purchase?

Newsgroup: rec.radio.scanner
Date: 1994-04-21 21:19:42 UTC
From: habu@inca.gate.net
Message-ID: <2p6qle$d6s@inca.gate.net>
Source record: 275204

I am about to purchase either a Icom R1 or a RS Pro-43,anybody have reasons why I should lean one way or the other. I plan to use it for general scanning,I already own a Bc200xlt but would like a little more frequency coverage. Any comments would be appreciated.

Thanks Mike

2899. Re: FLASH! -- Illinois anti-scanner/transceiver bill derailed

Newsgroup: rec.radio.scanner
Date: 1994-04-21 21:50:47 UTC
From: kevinc@cbnewsf.cb.att.com
Message-ID: <CoMq0o.HLB@cbfsb.cb.att.com>
Source record: 275205

In article <CoMLsD.IrD@cbnewse.cb.att.com> parnass@cbnewse.cb.att.com (Bob Parnass, AJ9S) writes:

>
>x
> He has shelved the bill temporarily and will reintro-
> duce a much different version later. The new version
> will make it a crime to *use* a radio receiver like a
> scanner in the commission of a crime.

Bob, isn't it already illegal to do this? Like against an FCC rule?

So it would be redundant.

And my hunch is it would also still ban radar detectors (used in commission of the "crime" of speeding).

> Cross said he was originally prompted by police groups
> who are frustrated by gang members and criminals using
> scanners. Now, that he has heard from several people
> protesting 4180, he realizes the side effect of outlaw-
> ing scanners and regrets that the original bill was
> drafted so poorly.

Hate to be so pessimisstic, but he's gotta be a twit then. IF they are sold in radidio schlock........ there's gotta be a legit use....

> Cross asked me how I heard about the bill and I told
> him "a computer network at Bell Labs." I told him I
> would let people know the results of our conversation.

Might help to remind him that he might want to research his proposals a little better before he inserts foot in mouth.

Kevin

2900. Pro-41 and Milwaukee

Newsgroup: rec.radio.scanner
Date: 1994-04-21 21:55:05 UTC
From: flint@csd4.csd.uwm.edu
Message-ID: <2p6snpINN3q4@uwm.edu>
Source record: 275206

I have just recently came into possession of the Pro-41 handheld
scanner. I have a couple questions on it. First is it any good.
Secondly, where might I get some info on how to use it (it did not come
with instructions)
Also, anyone out there know some good freqs for the Milwaukee area?

2901. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-21 21:59:39 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.766965579@constellation.ecn.purdue.edu>
Source record: 275207

Sherrod.Munday@launchpad.unc.edu (Sherrod Munday) writes:

>For those of you who are interested, here's some info I got with gopher/ftp:
>I know this is from January 1993, but if anyone can update/inform as to a
>newer list on the internet, that would be good. (Especially because the
>seemingly infamous Representative Cross doesn't seem to appear on this
>list).

[list of US congresscritters from Illinois]

Great list for future reference, espeically for people to contact and try
and get the stpuid and idiot recent US scanner law repealed.

However, as far as the Illinois law goes, it would be more useful,
I should think, to post a list of *ILLINOIS STATE* legislators, not
US Senators And US Representatives.

In spite of that, my compliments on posting a useful list.

Duane

2902. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-21 22:00:14 UTC
From: drt@world.std.com
Message-ID: <CoMqGF.9rF@world.std.com>
Source record: 275208
Cross-posted to: rec.radio.scanner,rec.radio.amateur.policy

sohl,william h (whs70@dancer.cc.bellcore.com) wrote:
: >: >FLASH - IMPORTANT - ACT NOW...
: >: >
: >: >HOUSE BILL 4180 - 88TH GENERAL ASSEMBLY
: >: >STATE OF ILLINOIS 1993 AND 1994
: >: >
: >: >INTRODUCED BY REPRESENTATIVE CROSS ON 12 APRIL 1994
: >: >
: >: >SYNOPSIS AS INTRODUCED 720 ILCS 5/31-9 NEW
: >: >
: >: >LRB8814416RCMB Sec.31-9
: >: >
: >: >Amends the Criminal code of 1961. Prohibits the possession of a
: >: >receiver or transceiver capable of monitoring or broadcasting
: >: >police, fire, or other municipal radio frequencies unless the
: >: >device operates exclusively on alternating current power. Penalty
: >: >is a Class B misdemeanor. Exempts peace officers, fire officials,
: >: >municipal employees, agents acting in an official capacity, and
: >: >the press.

: ATTENTION!!!!

: Note the impact of this proposed law is far beyond any existing
: "scanner" law found in other states. This proposed law makes
: POSSESSION ANYWHERE a crime. If this law is passed, everyone
: in Illinois that currently owns a DC powered scanner will be
: technically required to dispose of them or be in violation of
: the law. Likewise, anyone driving through or otherwise visiting
: the state of Illinois and has in his/her possession a DC
: powered scanner will be in violation of the law.

"Far beyond" is right! Like most shortwave radios, which can recieve
plenty of HF municipal frequencies. You've got a 2010 or YB-400?
Sell it, or face criminal prosecution! (Those BBC World Service
Hoodlums - fifth columnists, don'tcha know!)

Or most TV sound receivers. (Don't try to tune below channel 7!)

Or those "5-band" jobs, sitting in most people's attics, that show up
at garage sales. My mother still uses hers. She listens to gardening
shows. I guess Illinois would disbar her. My father used to get a
weather report on one (smack in the middle of you-know-which forbidden
band!) before sailing.

Your grandmother might be a criminal and not even know it.

And isn't *any* transciever capable of broadcasting? A tot's walkie-talkie can relay police transmissions from a "legal" scanner. Not to mention CBs, business band, GMRS, amateur, taxicab, you name it. All "capable," right? Even, I guess, private ambulance mobile rigs. Maybe cordless phones? Cellular? *All* outlawed?

Are airports "municipal"? Criminal pilots - no exemptions for them! How about the Natick Neighborhood Bus? That's how it's listed. Real security risk, there.

Geez! Even the President on Air Force One doesn't scramble *every* call!

When radios are outlawed, only outlaws will have radios. Especially since that's going to be everybody. Civil disobedience seems really quite unavoidable. Very civil - none more so, since the "criminals" won't even be doing anything.

In an age in which governments seem incapable of enforcing law, why create millions more criminals in a necessarily ineffective bid to do what could be done effectively through other means? Secure transmissions are easily purchased. Hell, AT&T has a digital 900 MHz phone out, on sale at Sears. Surely the sovereign state of Illinois can apply the technology to their needs. Are rights really of so little value to legislators?

Consitutional issues abound. Like, overly broad? Unconstitutionally vague? Federal jurisdiction only?

Wedged idea of the decade.

End soapbox. Out with the stationery.

-drt

|David R. Tucker KG2S 8P9CL drt@world.std.com|

2903. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-21 22:03:37 UTC
From: crisp@netcom.com
Message-ID: <crispCoMqM1.7Kt@netcom.com>
Source record: 275209
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

In article <2p5s3b$t2d@usenet.INS.CWRU.Edu> ah595@cleveland.Freenet.Edu (Eric J. Hess) writes:
>
>In a previous article, wb9omc@constellation.ecn.purdue.edu (Duane P Mantick) says:
>
>>
>> You know, I think it would behoove us if someone in a position
>>to do so would start investigating the creeps that keep trying to
>>submit this sort of garbage legislation around the country. I
>>*strongly* have my doubts that it is JUST some alleged public
>>safety concerns that are driving these things. If I'm right about
>>that, we need to find out WHAT the driving force is.....
>>
>
> That's a good question. Maybe if we knew WHY he introduced
>this law we could fight it better!
>
>Eric

It probably is the typical knee jerk reaction so popular these days among the "big government" fans: someone uses a gun or a radio to help them commit a crime: therefore by eliminating guns and radios it will be harder next time for the same modus operandi to be used.

This fails to acknowledge the fact that very few of the scanners and guns in the hands of the public are ever used in the commission of a crime. This doesn't bother the "big government" people, all they want to do is fix one problem and simply have their blinders on for the problems they create.

Lots of crummy laws are created by well intentioned people. The problem is that only a dolt is capable of being elected these days, because if you have ever done anything of significance, someone will have a way of making it appear that you are corrupt, immoral or greedy.

When you elect dolts, expect this sort of crap. The solution is to toss the bums out of office. Unfortunately we radio folks have the reputation created by the media riding the coattails of the dolts, of being a bunch of voyeuristic perverts that like to eavesdrop on private and personal conversations and that no one should be allowed to do that. So as a result it is easy to convince John and Jane Knuckledragger that this is a good thing and that no one that is honest and forthright will have any problem with it. And so what happens is that little by little we lose all of our personal liberties. Singapore is a good example of well intentioned

government run amuck.

If you drop a frog into boiling water, it will try to jump out. If you put it into a cold pot of water and slowly heat it up then by the time the frog figures out what is going on it is too late and he is cooked.

This is what is happening to all of our personal liberties. Gun banning radio banning, where will it stop?

Remember that without firearms and communications equipment there is not much that the people can do to rid themselves of an oppressive government. This is a very serious matter and our inaction today will leave a hell of a mess for our grandchildren.

It appears that the current administration is very sympathetic to the "ban-it" people.

Dangerous times indeed!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2904. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-21 23:25:39 UTC
From: stevew@sheridan.ncd.com
Message-ID: <2p721jktv1@rosebud.ncd.com>
Source record: 275026
Cross-posted to: rec.radio.scanner,rec.radio.amateur.policy

I understand everyone's concern... but last I heard is that there is a full federal pre-emption by FCC concerning this sort of thing for amateurs I suspect that it would be difficult to convince the cop on the beat that you are within your rights...and it might even take a court case to get it beaten into the state's head that the exemption exists... but it should be sufficient.

Am I wrong about this? And I would think that pointing out the exemption would certainly get the state to add amateurs to the list.

Any comments?

Steve KA6S

2905. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-21 23:41:21 UTC
From: holmanji@ohsu.edu
Message-ID: <1994Apr21.234121.22993@ohsu.edu>
Source record: 275210
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave

Traditionally the individuals involved in the radio hobby have not been highly motivated by wanting to make a profit from fellow hobbyists. How many times have you given a beginner a good deal on a used radio? How many times has someone given you a good deal? The radio hobby has always proceeded on the assumption that we will all attempt to act in the best interest of each other.

Of course, we expect companies to make a fair profit on equipment, and typically one has a different relationship with a profit-making company than with an individual, and has different expectations from that relationship.

What bothers me in this case is that an individual, whom we expect to act as a fellow hobbyist, is acting like a profit-making company. If the individual in question desires to make an income by lightly fleecing his fellow-hobbyists for soon-to-be-contraband items, well, I guess that tells us what kind of relationship he wants to have with the rest of us.

2906. Disney Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-22 00:46:48 UTC
From: cirop26@elm.circa.ufl.edu
Message-ID: <2p76poINNbis@no-names.nerdc.ufl.edu>
Source record: 275211

Could someone please E-mail me the list of disney freqs. that were posted about a month or so ago. I missed them, and am currently having a hard time with the newsreader. THANKS!!!

David Parks
--CIROP26@elm.circa.ufl.edu

2907. SMR Vs Cellular

Newsgroup: rec.radio.scanner
Date: 1994-04-22 01:45:18 UTC
From: lawrence@ionews.io.org
Message-ID: <2p7a7f$482@ionews.io.org>
Source record: 275212
Cross-posted to: rec.radio.scanner,alt.cellular,alt.cellular-phone-tech

I am looking for more information on SMR (Specialized mobile radio).
Recently, I have heard a lot of talks about SMR being a direct competition to
cellular. My impression of SMR has always been radio used by police, taxi,
ambulance...etc. Has digital technology enable SMRs to function just like
a cellular?

I have seen a photo of a Motorola SMR phone which looks just like a cellular
phone. They claim cheaper price (like free local calls), superior coverage,
more features such as pager, messaging capabilities etc..
So what's the catch here? What is the limitation of SMR? Is it in anyway
superior to Cellular?
There are more and more infomercials about SMR licensing - is it a scam?

Lawrence
lawrence@io.org lawrence.kwan@canrem.com
--
Lawrence Kwan | lawrence@io.org
Toronto, Ontario | lawrence.kwan@canrem.com
Canada | 1:229/15
--

2908. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-22 02:02:10 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2p7b72$4rb@bigfoot.wustl.edu>
Source record: 275213
Cross-posted to: rec.radio.scanner,rec.radio.amateur.policy

Steve Wilson (stevew@sheridan.ncd.com) wrote:
: I understand everyone's concern... but last I heard is that there is a full
: federal pre-emption by FCC concerning this sort of thing for amateurs
: I suspect that it would be difficult to convince the cop on the beat
: that you are within your rights...and it might even take a court case
: to get it beaten into the state's head that the exemption exists... but it
: should be sufficient.

All the more reason to be an amateur, but the point is power of government
vs. people's rights, not so much whether *we* can tote our toys. Can they
really say that we cannot have things that can receive radio frequencies???
I'm glad I live in Missouri and Texas, and not Illinois!!!

--jesse

2909. Re: INMARSAT (for Lee Reynolds. Others can ignore)

Newsgroup: rec.radio.scanner
Date: 1994-04-22 02:24:12 UTC
From: jacob@mayhem.cwru.edu
Message-ID: <2p7cgc$abd@usenet.INS.CWRU.Edu>
Source record: 275214
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <2p6ofo$dcd@quartz.ucs.ualberta.ca>,
Robert Rolf <rrolf@gpu.srv.ualberta.ca> wrote:

>Lee, I get your mail but tosspost.sv.com does not exist! Whois can't find
>you. Lookup can't see you. Are you a Slip connection? in which case

The problem is in the address you are looking up. His original
post arrived here including the following

>From: lee@tosspot.sv.com (Lee Reynolds)
> If you should reply, please email me directly as well as posting to
>the group. <lee@tosspot.sv.com>

Note that it's tosspot, not tosspoSt.

I find the records for this just fine, and whois does indeed know
about sv.com. Individual machines will usually not be listed in
the whois database.

(boring evidence below)

jacob@mayhem ~ $ whois -h rs.internic.net sv.com
Souhegan Valley Domain Park (SV-DOM)
73B Granite Avenue,
Greenville, NH 03048

Domain Name: SV.COM

Administrative Contact, Technical Contact, Zone Contact:
Reynolds, Lee (LR670) lee@tosspot.sv.com
(603) 878-4077

Record last updated on 02-Aug-93.

Domain servers in listed order:

ULOWELL.UML.EDU 129.63.1.1
NS.OC.COM 192.82.215.88

The InterNIC Registration Services Host ONLY contains Internet
Information(Networks, ASN's, Domains, and POC's).
Please use the whois server at nic.ddn.mil for MILNET
Information.

jacob@mayhem ~ $ nslookup -query=any tosspot.sv.com
Server: ns2.CWRU.Edu
Address: 129.22.4.3

```
Non-authoritative answer:
tosspot.sv.com preference = 10, mail exchanger = ulowell.uml.edu

Authoritative answers can be found from:
SV.com nameserver = ULOWELL.UML.EDU
SV.com nameserver = NS.OC.COM
SV.com nameserver = mustang.uml.edu
SV.com nameserver = ns.mitek.com
ulowell.uml.edu internet address = 129.63.1.1
NS.OC.COM internet address = 192.82.215.88
mustang.uml.edu internet address = 129.63.33.2
--
And above all, get carried away | Jacob DeGlopper, EMT-A, N3RHI
not with the glow-tape, or thy | Case Western Reserve University
stage will be like unto an airport. | jrd5@po.cwru.edu
-- Proverb XV, The Techie Gospel |
```

2910. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-22 02:37:06 UTC
From: scan911@aol.com
Message-ID: <2p7d8i$97d@search01.news.aol.com>
Source record: 275215

In article <CoKr9J.98M@cbnewsc.cb.att.com>, rats@cbnewsc.cb.att.com (RS PRO-43) writes:

Not only all that, but it also will ban all handheld scanners and 2M and some 440 handhelds, all 2M and some 440 ham mobile gear used in your home, as well as all portable TVs that can receive UHF channels 14 and 15, which is used for public safety in Chicago area!!!

2911. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-22 03:54:34 UTC
From: ericd@comtch.iea.com
Message-ID: <2p7hpq$ofn@krel.iea.com>
Source record: 275216

: Odds are the bill is the result of:
: 1- A request by the State Police and/or one or more of the various
: police associations that exist in the state,
: 2- The legislator's reaction to hearing about a crime that was
: committed where the criminals were using a scanner, or
: 3- Both 1 and 2 above.
According to my memory, which is as geting close to failure now
that I'm almost done with college (17 more days), there is a provision in
the FCC regulations reguarding scanners which already covers that. I
can't remember the EXACT number, but I think it's like Section 97 or
something like that, but what is says in part is "IF you are commiting a
crime, and you are useing a scanner to aid and abet your crime, and they
catch you/can prove it, you will have an additional 3 years in FEDERAL
prison time."

Understand, my mind is about toast now that it's getting down to
the wire for my schooling...so the numbers could be TOTALLY off...but the
gist of it is if you scanning while your a crook, you'll do MORE time.
As for State Police...well, I honestly think they need to deal more with
us citizens which listen to scanners just for the informational
value...and who want to become dispacters.

Happy scanning...

--
+--------------------------+----------------------------------+
| Eric J. Dahlquist | Vote for Ed Schermerhorn. |
| <ericd@comtch.iea.com> | Tough Choices from a Tough name! |
+--------------------------+----------------------------------+

2912. Re: FLASH! -- Illinois anti-scanner/transceiver bill derailed

Newsgroup: rec.radio.scanner
Date: 1994-04-22 04:16:41 UTC
From: crisp@netcom.com
Message-ID: <crispCon7vt.FoG@netcom.com>
Source record: 275217

In article <CoMLsD.IrD@cbnewse.cb.att.com> parnass@cbnewse.cb.att.com (Bob Parnass, AJ9S) writes:
>
>x
> I just spoke with Rep. Tom Cross, my Illinois (Republi-
> can) congressman who introduced IL House Bill 4180,
> essentially outlawing portable and mobile scanners and
> transceivers with extended frequency coverage.
>
> He has shelved the bill temporarily and will reintro-
> duce a much different version later. The new version
> will make it a crime to *use* a radio receiver like a
> scanner in the commission of a crime.
>
> Cross said he was originally prompted by police groups
> who are frustrated by gang members and criminals using
> scanners. Now, that he has heard from several people
> protesting 4180, he realizes the side effect of outlaw-
> ing scanners and regrets that the original bill was
> drafted so poorly.
>
> Cross asked me how I heard about the bill and I told
> him "a computer network at Bell Labs." I told him I
> would let people know the results of our conversation.
>
>--
>==
> Copyright 1994, Bob Parnass, AJ9S
> AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

Bob, you have done a great service for your country. Having a single law such as this on the books anywhere in our country establishes a dangerous precedent. It is frightening to see that a single poorly advised legislator could actually cause such a dangerous breach in our liberties to occur with so little thought.

In law, precedent is everything. It is what the courts use to guide them in their decisions. Legislators use it as well.

One of the most troubling aspects of the so called "Scanner Ban" which is nearing complete implementation is that for the first time in out history, there is a law which declares specific frequencies off limits to reception. It is one thing to prohibit a specific class of service from being monitored, but it is quite another to restrict frequencies, which are a natural resource.

One can easily imagine someone somewhere at some time in the future using the cell band prohibition as justification by precedent for banning the police frequencies, or the fire frequencies or any other frequencies. In the limit it would appear all we wind up with is the Broadcast Bands and the Amateur bands. I don't know if you've read the specs on teh German version of the Icom R7100 or R7000, but that is about all the leave behind after hacking up a fine receiver.!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2913. Howard Stern and Ramada Inn's

Newsgroup: rec.radio.scanner
Date: 1994-04-22 05:20:32 UTC
From: sd2498@albnyvms.bitnet
Message-ID: <1994Apr22.052032.19182@sarah.albany.edu>
Source record: 275218

Howard Stern is coming up to Albany, NY tommorow, and I was wondering if anyone had any of his security's freq's. He will be staying (?), at least he will be having his political party meetings and stuff at the Ramada Inn. If anyone knows freqs for hotel security, or anything like that please let me know. Also, what is the general freq range that I should be searching in for this kind of thing??? Thanks

+---+
|Steve Disick State University at Albany |
|Internet: SD2498@albnyvms.bitnet SUNY: School for the "gifted"|
| |
|"I won't crash it, it's a beer truck!" <--Strange Brew |
+---+

2914. Re: FLASH! -- Illinois anti-scanner/transceiver bill derailed

Newsgroup: rec.radio.scanner
Date: 1994-04-22 05:21:02 UTC
From: sirjeeves@aol.com
Message-ID: <2p7mru$b9r@search01.news.aol.com>
Source record: 275219

In article <CoMLsD.IrD@cbnewse.cb.att.com>, parnass@cbnewse.cb.att.com (Bob Parnass, AJ9S) writes:

Bob (and everyone else):

Below is a copy of a post of this subject on Compuserve (where there has been much more traffic!). As a result of this, a friend here in St. Louis, MO took a day off to go stick up for everyone at this hearing on Thursday morning. Below is his post/results.... If you have a CI$ account, please send him a thank-you note. It's not often that you come across someone who is willing to take a day off work and drive 400 miles for something like this.
-Mike Baranowski

Thanks to Ted Moran's behind-the-scenes efforts, the original draft of Illinois House Bill 4180, which put pretty Draconian restrictions on scanner and Amateur equipment, has been abandonded. In its place will be an amendment which will supercede it in its entirety, and this new version will remain on the docket as HB 4180.

The new amendment - again thanks to Ted - will be styled after the recent Chicago scanner law, which makes it a crime to use a scanner in the commission of a crime. The final draft will not be available until tomorrow as wording and penalty details are polished. The author of the bill, Rep. Tom Cross, will be fax'ing the text to Ted Moran for final review before presentation to the General Assembly. The *amended* bill carries a "Do Pass" recommendation from the Judiciary II Committee.

We are not *entirely* out of the water, as the committee Chairman indicated that the revised bill is to be subject to full debate - he has the option of recommending "short debate", which curtails the amount of discussion and revision after committee review. If someone outside of Rep. Cross's office and the committee feels a need to beef it up again, then it *may* get altered. (I doubt this would happen. They are quickly approaching the end of the legislative season, and a "Do Pass" from a committee is a fairly strong stamp of approval. But write and/or call your representative, anyway.)

On a personal note, in meeting with Rep. Cross outside the committee chambers, I found him to be an extremely pleasant and well-intentioned individual, who very quickly realized the mess that was created in the original draft once the technical (electronic and legal) problems were highlighted by us. He was happy to accept the suggestions, and stated during the meeting that the original version being considered had numerous problems, and that he was drafting the new version in concert with the "individuals at the table" - us.

Hey, folks - how often do we get to write our own legislation, hmmm? I left the details to Ted, who could draw on his recent Chicago experience.
...mm

2915. Re: Help with final decision on a Scanner purchase?

Newsgroup: rec.radio.scanner
Date: 1994-04-22 05:28:57 UTC
From: csdfg@selway.umt.edu
Message-ID: <1994Apr22.052857.29515@selway.umt.edu>
Source record: 275220

I'm not familiar with the Pro 43, but I sure do love my R1. It's got the kind of broadband coverage you're looking for, it performs well enough (of course it has its problems, but don't we all?), and its small size makes it extremely portable. I'd buy another in a minute!

Good luck.

73s
David F. Glass, KB7ZGX
Missoula, MT
csdfg@selway.umt.edu

2916. Re: FLASH! -- Illinois anti-scanner/transceiver bill derailed

Newsgroup: rec.radio.scanner
Date: 1994-04-22 06:42:22 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2p7rke$bu4@umcc.umcc.umich.edu>
Source record: 275221

In article <CoMLsD.IrD@cbnewse.cb.att.com>,
Bob Parnass, AJ9S <parnass@cbnewse.cb.att.com> wrote:
>
>x
> I just spoke with Rep. Tom Cross, my Illinois (Republi-
> can) congressman who introduced IL House Bill 4180,
> essentially outlawing portable and mobile scanners and
> transceivers with extended frequency coverage.
>
> He has shelved the bill temporarily and will reintro-
> duce a much different version later. The new version
> will make it a crime to *use* a radio receiver like a
> scanner in the commission of a crime.
>

Great! I hope that people who wrote to him to complain about Bill
4180 (& even those who didn't) will send him a card/letter THANKING HIM
for having the decency & integrity to pull the proposal, once he realized
that it would have a negative effect on law-abiding radio hobbyists.

Bob, can you post a mailing (& e-mail??) address for IL Rep. Cross?

Making it illegal to use a scanner during the commission of a crime is
nice, but anyone planning to pull an armed robbery on a liquor store
isn't going to leave his or her scanner at home, in fear of the
additional charge if they're caught.

With millions of scanners out there, the solution is for the law
enforcement agencies to encrypt their radio circuits. EVen this isn't
fool-proof, as a smart crook might look at the signal strength (on input
if over a repeater system) of the secure transmission & be able to
roughly determine the proximity of the po-lice... Despite my having
many scanners, as a taxpayer & member of society, I'm willing to pay my
share so that the law enforcement agencies can secure their transmissions.

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

2917. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-22 07:38:00 UTC
From: dan@amcomp.com
Message-ID: <042294023854Rnf0.77b9@amcomp.com>
Source record: 275222
Cross-posted to: junk,rec.radio.scanner,rec.radio.amateur.policy

jlw3@cec3.wustl.edu (Jesse L Wei) writes:

>All the more reason to be an amateur, but the point is power of government
>vs. people's rights, not so much whether *we* can tote our toys. Can they
>really say that we cannot have things that can receive radio frequencies???
>I'm glad I live in Missouri and Texas, and not Illinois!!!

Sure they can. And it will cost you THOUSANDS of dollars IF you can prove
to a court that you are right! I never thought the US could degrade to
this point. It sickens me. We all need to become obnoxious to the 'elected
representitives' about all this stuff. They are power hungry and need a
reality check (Before they succede and WE need the reality check).

Dan N8PKV
--
"No free man shall ever be de-barred the use of arms. The strongest
reason for the people to retain their right to keep and bear arms is
as a last resort to protect themselves against tyranny in government."
-Thomas Jefferson

2918. Re: HAM repeater frequencies (potential FAQ)

Newsgroup: rec.radio.scanner
Date: 1994-04-22 08:02:30 UTC
From: burke@ux4.cso.uiuc.edu
Message-ID: <2p80am$moe@vixen.cso.uiuc.edu>
Source record: 275223

P.J.Hinton@nd.edu (P.J. Hinton) writes:

>Could someone out there direct me to a useful reference
>listing HAM repeaters or even perhaps provide some of the frequecies used in
>the area near South Bend and Mishawaka? Thanks in advance.

The best reference is the ARRL Repeater Directory - $6 or possibly cheaper
at Hamfests. The 1991-92 edition lists the following frequencies in your area:

Mishawaka 147.09 South Bend 145.29
147.33 146.94
224.26 147.225
444.10 147.39
223.94
442.50
443.85
444.00

You'll find that most traffic exists on the 144-148 band, followed by 440 and
then 220.

- Christopher Burke, N9UIN

2919. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-22 08:20:40 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Apr22.012040.3998@cmkrnl>
Source record: 275224

In article <2p29kd$c9g@dancer.cc.bellcore.com>, whs70@dancer.cc.bellcore.com (sohl,william h) writes:
> Amen to that. If, the new crop of scanners does prove to be
> unmodifiable, then you'll see a bunch of tech articles on
> how to build a broadband downverter.

Either that, or ... if the RF circuitry can handle the locked-out range, ie if the limitations are strictly in the programming, a lot of other possibilities come to mind. If the programming is in a PROM, this of course can be changed.

The most ambitious approach would be to rip out the entire microprocessor and memory and replace them with something new. Remember, tuning the scanner is a matter of applying the right voltages to varactor diodes, programming frequency synthesizers, and so on. This simply involves getting the right logic states out of the right pins on the uP at the right times. If the factory-supplied uP can't be persuaded to emit a certain set of logic states at a certain set of times, it can be replaced with one that will. ("You can be replaced!")

Might as well add a bunch more features too. How about:

- built-in support for truly enormous memories

- adjustable bank limits

- selectable "bank sets" ("I want my virtual banks 1 through 10 to be physical banks 23, 2, 19, 45, ...")

- automatic search-and-store, recording number of hits on each frequency so stored

- channel pairs for repeater uplink/downlink pairs (when carrier drops on one channel of a pair, scanner automatically looks at the other half of the pair for the next signal, before reverting to general scan)

and, of course,

- a high-speed EIA232 port, designed in from the beginning, with provision for uploading and downloading channel memories, full control of scanner, full readout of scanner condition, etc., etc.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

2920. Re: Illinios scanner ban law

Newsgroup: rec.radio.scanner
Date: 1994-04-22 13:13:07 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.17.000D3865@cornell.edu>
Source record: 275252

Steve Wilson urges hams to write to their representatives to exempt hams. First this is real shortsighted of him to want to look out for only a select group. This efects everyone whether you own a scanner or not. This is an erosion of your liberties plain and simple. If we let our neighbor be effected then surely we are next. While I do not ordenarilly agree with the NRA in their approach that even a little bit is too much, I am beginning to agree that they may be right. Our liberties are being nibbled to extinction, rather than being done away with wholesale. If we simply sit and wait for the next guy to act then we are going to be sitting on our asses when they open the door and take what ever they decide you aren't allowed to watch, listen to read etc... Paranoid? Maybe but it is slowly happening. Remember you can beat someone to death with a wiffle bat. It just takes a lot longer!
Carl (EX-Jarhead) Semper Fi

2921. Re: how do you monitor police 800mhz systems??

Newsgroup: rec.radio.scanner
Date: 1994-04-22 14:51:24 UTC
From: netzel@neon.afsac.wpafb.af.mil
Message-ID: <netzel.767026284@neon.afsac.wpafb.af.mil>
Source record: 275225

jackson@longlast.cs.nyu.edu (Steven Jackson) writes:

>In article <2p080p$i9l@hopper.acm.org>, mulligan@ACM.ORG (F. Barry Mulligan) writes:
>In the last of a bunch of articles, Barry mentioned:
>
>|> Assignments near the U.S.-Canadian border are subject to their own special
>|> rules. In Region 2 (71-81 deg W, within 100 km of the border), the FCC assigns
>|> only 180 channels in the 851-866 MHz range. These are spaced at 25 kHz steps
>|> from 851.00-853.25 MHz and 863.75-866.00 MHz (on the odd 12.5 kHz points).
>|> There are 36 5-channel groups for trunks, with spacing of 18 channels in a
>|> group (i.e. Group 1 consists of channels 1-19-37-55-73). Given the first freq.
>|> in a group, the remaining four occur at 0.450 MHz intervals.

>|> Now, ... what was the original question ?
>|> /* barry /&

>Now that we have explained the assignment criteria, how are people supposed
>to listen to all of this?

>To the kind poster from Motorola: NJSP uses your system, how can scanner
>listeners monitor a single subgroup? Are the subgroups constantly updated on
>the control channel? I was actually hoping that a different PL is encoded
>into each transmission based on the subgroup. There are well enough PL's
>to cover a large number of independent subgroups, right? Has that ever been
>tried? I guess since the computer has to determine what output frequency
>is available at the time, it might as well tell each radio to change to the
>appropriate frequency at the appropriate moment.

>Oh well.

.....by Jove!!! I think he's got it!....actually unless you have
an actual transceiver (of the kind used in the trunked system) and
programmed by the public service agency with the "trunking scheme"
you can't follow the action. There are some software packages out
there that can follow the trunking freq changes but unless you have a
PC (MS-DOS type), software, interface cable and a scanner designed
for external computer control you'r SOL.....

>--
>Steven Jackson New York University
>Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
>jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
> "Not in my head.. so I don't have to think.." -- Nik Fiend

2922. Re: Help with final decision on a Scanner purchase?

Newsgroup: rec.radio.scanner
Date: 1994-04-22 14:54:24 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-220494065423@earl.llnl.gov>
Source record: 275226

In article <2p6qle$d6s@inca.gate.net>, habu@inca.gate.net (Michael Fink)
wrote:
>
> I am about to purchase either a Icom R1 or a RS Pro-43,anybody have
> reasons why I should lean one way or the other. I plan to use it for
> general scanning,I already own a Bc200xlt but would like a little more
> frequency coverage. Any comments would be appreciated.
>
I had a R1 and was lucky to sell it for what I paid (got it from Japan).
Icom tried to put too much radio in too small a package. The cellular was
unsearchable and other nasty things showed up all over the public service
bands. The SW and AM were very marginal. Get a PRO-43, far fewer problems.

My 2 cents.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

2923. Re: LoJack Freqs ???

Newsgroup: rec.radio.scanner
Date: 1994-04-22 14:55:05 UTC
From: wps@ElSegundoCA.NCR.COM
Message-ID: <6012@tdbunews.teradata.COM>
Source record: 275227

This is from the FCC database here in CA. Looks like Lo Jac HQ is in TN or so the license seems to indicate that.

43.1200 WNPY604 IS LO JAC ENTERPRISES INC Exp: 07/31/1994
POB 387 - HERMITAGE TN 370760000 Elev:
FBT - US HAAT:
20K0F3E Lat/Long: 000000/0000000 AZI: 000000 POL: GAIN: 0000

43.1200 WNPY604 IS LO JAC ENTERPRISES INC Exp: 07/31/1994
POB 387 - HERMITAGE TN 370760000 Elev:
MO - US HAAT:
20K0F3E Lat/Long: 000000/0000000 AZI: 000000 POL: GAIN: 0000

43.2800 WNPY604 IS LO JAC ENTERPRISES INC Exp: 07/31/1994
POB 387 - HERMITAGE TN 370760000 Elev:
MOI - US HAAT:
20K0F3E Lat/Long: 000000/0000000 AZI: 000000 POL: GAIN: 0000

+---+
| Bill Starkgraf wps@ElSegundoCA.ncr.com |
| AT&T Global Information Solutions (310) 524-5754 |
| El Segundo, CA (800) 222-8372 x5754 |
| |
| Call: KD6UQB Simi Settlers ARC |
| Simi Valley, CA |
+---+

2924. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-22 15:08:31 UTC
From: austin@physics.unc.edu
Message-ID: <2p8p9f$i68@bigblue.oit.unc.edu>
Source record: 275228
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

I, for one, am smarter than a frog, and that is exactly the point.

You are using precisely the same convincing illogic that allows Catherine McKinnon to equate pornography and murder in courts of law. Radicalism of the left and right are more similar to each other than either is to moderation.

Because two ideas, carried to their extremes, share certain elements, they must therefore be identical. Nonsense.

Every significant constitutional issue is about balancing rights one against another. The Supreme Courts doesn't sit back and ask themselves "are we going to grant them their constitutional rights today? It's Thursday. Today we deny them their constitutional rights." Give these guys some credit. Its about which rights are judged most important, which arguments are the most compelling.

It is undeniable that gun control and the control of communications devices (I hesitate to lump them together, for the analogy is a poor one), taken to extreme, constitutes a serious breach of our fundamental rights. It's the job of the courts and of the legislature (a job which the supreme court, at least, takes very seriously) to determine when a law has gone too far.

If we're all as stupid as frogs such a subtle and complex system will fail. And there's a lot of indication that that might be what's happening. But the answer is for us all to somehow gain a little more subtlety in our thinking, not to fall back on radical stands that deny the complexity of the problems.

If I'm in a pot of warm water, I might find it pleasurable for a while. If I sense that the heat is being turned up, I'll be wary, but I'm not gonna start jerking around like a hot frog. If the water begins to get too hot (and it's not anywhere near that point now) I'll get out and see what I can do about it. As long as I think there's a good reason for turning up the heat, and as long as I'm not too close to cooked, and as long as I'm convinced that there's a limit on how far they'll turn it up, I'll tolerate it and support it.

We've got housewives blowing away foreigners and getting off for it, gangs using anti-tank weapons on police cars, and murder rates many thousands of times as large as comparable European nations (just as free--in some respects more so). I think it's time to turn up the heat a little bit.

Jim Austin

****
What opinions?
****

2925. Re: need freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-22 15:10:00 UTC
From: Alexander.Tait@f747.n115.z1.fidonet.org
Message-ID: <2db7dab8@f747.n115.z1.fidonet.org>
Source record: 275229

-=> Quoting Bill.houghtaling@wfe.chi. to All <=-

Bi> From: bill.houghtaling@wfe.chi.il.us (Bill Houghtaling)

Bi> Jerry,
Bi> Nice to meet you on the here on the net. I read with interest your
Bi> list of freq's in DuPage county.

Bi> I often listen to DuPage County Sheriff, Woodridge, Naperville and
Bi> Lisle.

Bi> The parts I do not understand are the signals and codes used. For
Bi> example, a DPS might say a "181" or a"330." Woodridge might use a
Bi> four digit code. Where can I find a list of these codes.

Those codes signals are used for describing the type of action
provided. They also indicate what type of crime.

Example: DPS code 28-9 is a disturbance call that is unfounded
any code ending in 9 is unfounded.

Units on DuComm often call in with a signal "9"
their code for a traffic stop.

I have the complete and authentic list for DPS but releasing that
info over the internet is in my opinion, a bad idea. I wish to
preserve their security as these haven't been published in any
scanner books. The codes for DuComm are widely availible.

I see you live in Naperville, I do also. I'm usually on
AFAR UHF 444.300 114.8 PL. You can't miss me on the air as I
use Motorola radios with MDC-1200 unit ID on key-up.

Alex KB9HDB

Bi> Thanks in advance for your help.

Bi> Bill, NA9I

Bi> in Naperville

Bi> * CmpQwk #UNREG* UNREGISTERED EVALUATION COPY
Bi> -!- rfmail 0.5.0.1
Bi> ! Origin: Wheaton File Exchange BBS 708-462-1508 (1:115/511)

... A thief believes that everybody steals.
___ Blue Wave/QWK v2.11

2926. Re: Virtual channels on

Newsgroup: rec.radio.scanner
Date: 1994-04-22 15:12:02 UTC
From: Alexander.Tait@f747.n115.z1.fidonet.org
Message-ID: <2db7db32@f747.n115.z1.fidonet.org>
Source record: 275230

-=> Quoting A23169
ightowl to All <=-

A2> From: a23169@nightowl

A2> In article <djc.3v33@terapin.com> djc@terapin.com (Don Coco) writes:
> > brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) wrote:
> >
> > While I'm on a roll here, let me add that another feature used
> > by police is a "capture" feature. They can press a
> > button and hold a repeater
> > so it will always be available. In a busy system, it
> > could be very dangerous
>
>
> The Oakland Police are having a lot of trouble with these new radio's.
> Oakland installed there GE system last year
A2> and apparently the police radio's keep going in to the
A2> emergency mode and so forth. A detective told me that
A2> these
A2> radio's are a real hassle so I guess the technology isn't
A2> working as well as they thought it would.
>
> djc@terapin.com Out!

A2> They should have bought a Motorola system!
A2>

My thoughts exactly. My town of Naperville has a trunked system
from you guys, yet they still manage to fiddle with the Emergency
Man-Down button causing all sorts of trouble. Ah, trunking.....

... Does this come in XXXXXXXX Dolby SURROUND XXXXXXXX
___ Blue Wave/QWK v2.11

2927. Re: FLASH! -- Illinois anti-scanner/transceiver bill derailed

Newsgroup: rec.radio.scanner
Date: 1994-04-22 15:19:29 UTC
From: crisp@netcom.com
Message-ID: <crispCoo2KI.GIK@netcom.com>
Source record: 275231

In article <2p7rke$bu4@umcc.umcc.umich.edu> tim@umcc.umcc.umich.edu (Tim Tyler) writes:
>
> With millions of scanners out there, the solution is for the law
>enforcement agencies to encrypt their radio circuits. EVen this isn't

The last thing I want to see happen is for the local police to encrypt
their communications. This is a really dumb idea. The reason is is a dumb
idea is because the police need to know that we can monitor what they
are doing. Otherwise the very arrogant police (around here they are)
get even more so. Remember the "gorillas in the mist" comments in the
wake of the Rodney King beating? Well this sort of crap will become
rampant as soon as the local fuzz are running crypto. It is always
tempting to the techno oriented folks to assume that technology is
the solution to everything. I like technology, it has its place,
but this is not where it should be used.

Crypto is fine for the military, but not for the police. I know
I want to know that these guys are on the up and up, because
we have so many cases of them not being so. One of the most
dangerous combinations I can imagine is a disarmed public
incapable of monitoring the law enforcement authorities.

It is time to go back an re-think the problem and the solution.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2928. Re: MVT7100 Programing Question

Newsgroup: rec.radio.scanner
Date: 1994-04-22 15:35:12 UTC
From: dgoodman@aol.com
Message-ID: <2p8qrg$i42@search01.news.aol.com>
Source record: 275232

In article <2p3vfd$6k4@VTC.TACOM.Army.Mil>, dmsmith@tacom-emh1.army.mil (SMITH Dennis H) writes:

>>Is it possible to lock out any of these channels while in the P-SCAN MODE ?

The channel skip function does not operate while in P-SCAN mode. This good in some situations, but not in yours. It's good when you want to increase the number of virtual scanning banks when some banks have 10 or less frequencies: mark the 10-or-less group as skip channels, but also write them to P-SCAN memories. Then you can scan either group independent of each other.

Danny Goodman

2929. Re: how do you monitor police 800mhz systems??

Newsgroup: rec.radio.scanner
Date: 1994-04-22 15:42:51 UTC
From: tdtay@chevron.com
Message-ID: <tdtay.5.2DB7F07A@chevron.com>
Source record: 274635

In article <2p19sf$qe5@slinky.cs.nyu.edu> jackson@longlast.cs.nyu.edu (Steven Jackson) writes:

[stuff deleted]

>Now that we have explained the assignment criteria, how are people supposed
>to listen to all of this?

>To the kind poster from Motorola: NJSP uses your system, how can scanner
>listeners monitor a single subgroup? Are the subgroups constantly updated on
>the control channel? I was actually hoping that a different PL is encoded
>into each transmission based on the subgroup. There are well enough PL's
>to cover a large number of independent subgroups, right? Has that ever been
>tried? I guess since the computer has to determine what output frequency
>is available at the time, it might as well tell each radio to change to the
>appropriate frequency at the appropriate moment.

>Oh well.

>--
>Steven Jackson New York University
>Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
>jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
> "Not in my head.. so I don't have to think.." -- Nik Fiend

One major advantage of a trunked radio system is that they make it very difficult to monitor a particular talk group. On any given repeater, the conversation immediately following the police dispatcher might be a garbage truck (assuming municipal system).

To answer your question, the control channel of a Smartnet I trunked system sends the following data stream:

1) Background Data Word (BDW) - 3600 baud with pattern 0B19DF00, used for sync only, tells the mobiles this is a Motorola system.

2) System ID Outbound Signal Word (OSW) - inserted into the BDW at least once every 3 seconds. Contains the system ID and control channel information.

3) Grant/Busy OSW - contains fleet, subfleet, individual mobile ID, and voice channel assignment or status information.

When a mobile hits PTT, it sends in an Inbound Signal Word (ISW) requesting a channel. The controller looks for an open frequency, if one is available, it will send out the information instructing the radios that are "turned" to that talk group to change over to the open frequency.

The Grant/Busy OSW contains information about all of the currently assigned channels. That way, a user that turns his radio on during the middle of a conversation will change over to the channel so he can listen in. Also, a mobile might go into a fade situation (under a bridge, behind a building, etc.), causing it to lose contact. No problem, the mobile goes back to the control channel, hears the Grant/Busy OSW, and knows what channel to go back to.

At the beginning of a conversation, the assigned talk channel sends out a high speed handshake (3600 baud). This is the same info as the Grant/Busy OSW and serves as a double check to make sure that all of the radios that switched over were supposed to. A low speed handshake (150 baud) is sent out durring the conversation to keep the radios on the channel. As mentioned above, a mobile that looses the low speed HS will revert back to the control channel. When the conversation is complete, a disconnect word (300 baud) is sent out to mute the mobiles and send them back to the control channel.

The mobiles also send out a connect tone when they are talking on a channel. This is like a PL, but is the same for every talk group on the system. When the user unkeys the mic, a disconnect tone is sent (163Hz) to tell the system the conversation is finished. Depending on the system configuration, this either starts the hang timer or drops the channel immediately.

I hope I did not bore everyone with the details. All of the above reasons contribute to the difficulty in monitoring trunked systems. From a design point of view, trunked systems are great. I get a lot of flexability and functionality in a system that is spectrum efficient. And there is a benefit to having a system that is harder to monitor. We have a scanner in our shop to monitor our system. We can't use it to follow a conversation, only the check the performance of the individual channels. I have to use my trunked portable to follow conversations.

Just my 4 cents worth (too long for 2 cents),
David

Note: These are my views and not necessarily those of my employer!

/ David S. Taylor Texas A&M '87 Engineer, RF Systems /
/ Chevron Information Technology Co. Base Technology Dept. /
/ 1300 South Beach Blvd. Rm 2187 dtay@chevron.com /
/ La Habra, CA 90631 310-694-7280 /
/ /
/ If you want truly to understand something, try to change it." /
/ - Kurt Lewin - /

2930. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-22 16:15:50 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.767031350@constellation.ecn.purdue.edu>
Source record: 275233
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

crisp@netcom.com (Richard Crisp) writes:

>It appears that the current administration is very sympathetic to the
>"ban-it" people.

Keep in mind that it was Pres. Bush, not Pres. Clinton, that signed
the US Scanner Ban into law.

Duane

2931. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-22 16:19:54 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.144.000A5537@CCCS.UMN.EDU>
Source record: 275234

In article <2p50d5$q2m@samba.oit.unc.edu> Sherrod.Munday@launchpad.unc.edu (Sherrod Munday) writes:
>From: Sherrod.Munday@launchpad.unc.edu (Sherrod Munday)
>Subject: Re: ILLINOIS scan ban, ACT NOW
>Date: 21 Apr 1994 04:45:25 GMT

>For those of you who are interested, here's some info I got with gopher/ftp:
>I know this is from January 1993, but if anyone can update/inform as to a
>newer list on the internet, that would be good. (Especially because the
>seemingly infamous Representative Cross doesn't seem to appear on this
>list).

Why would you expect an Illinois state legislator to show up on a Congressional list?

There were some posts on CI$ yesterday to the effect that there was suppose to be a hearing on this bill yesterday evening. It seems that the push behind the bill is the fear that gang members are starting to carry scanners to monitor the police. I would imagine that this has the gangs quivering in their boots :-(

--rick

+---+
| Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
| Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |
| Cancer Screening Trial voice: (612) 627-4151 |
| University of Minnesota fax: (612) 627-4158 |
| 212 Ontario St SE, Suite 202 |
| Minneapolis, MN 55414 |
+---+

2932. Re: FLASH! -- Illinois anti-scanner/transceiver bill derailed

Newsgroup: rec.radio.scanner
Date: 1994-04-22 16:20:22 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.767031622@constellation.ecn.purdue.edu>
Source record: 275235

crisp@netcom.com (Richard Crisp) writes:

>One of the most troubling aspects of the so called "Scanner Ban" which
>is nearing complete implementation is that for the first time in out
>history, there is a law which declares specific frequencies off limits
>to reception. It is one thing to prohibit a specific class of service
>from being monitored, but it is quite another to restrict frequencies,
>which are a natural resource.

Glad you think so. Please express your dissatisfaction
to Sen. Coats of Indiana, who was most strongly *opposed* to the
scanner ban and tell him you're interested in seeing it repealed.

Last I knew, he and a few others were still interested in this....

And by all means, sound out your own congresscritters about
this and lobby them to support the repeal of this horrible law.

>One can easily imagine someone somewhere at some time in the future
>using the cell band prohibition as justification by precedent for
>banning the police frequencies, or the fire frequencies or any other
>frequencies. In the limit it would appear all we wind up with is
>the Broadcast Bands and the Amateur bands. I don't know if you've
>read the specs on teh German version of the Icom R7100 or R7000, but
>that is about all the leave behind after hacking up a fine receiver.!

More than likely, it will be a private enterprise. Since
the FCC is now engaging in this "spectrum auction" shit, what
you'll see happening is some other industry group who "buys" a
chunk of spectrum much like the cell-phone people did, and then
throws money around to get it declared sacred, much like the
cell-phone people did.

I think we need to form an organization, something along
the lines of "Taxpayers for Spectral Freedom" or something along
those manner of thinking. If we could come up with a cute Acronym
that spells "S.C.A.N." or "SCANNER" or something like that, it
might be amusing if nothing else, and catchy and easy to remember.

Obviously the "S" could stand for "Spectrum"..... :-)

Duane

2933. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-22 16:22:40 UTC
From: joe@netcom.com
Message-ID: <joeCoo5Hs.6q2@netcom.com>
Source record: 275083
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave

Richard Crisp is a dyed-in-the-wool radio hobbiest trying to sell his personal toys. I personally completed $1,000 plus deals with Richard and enjoy his informative postings.

If you don't want to buy from Richard, that's ok but I enjoy his capitalistic postings!

--
Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046

2934. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-22 16:53:22 UTC
From: crisp@netcom.com
Message-ID: <crispCoo6wy.HMG@netcom.com>
Source record: 275236
Cross-posted to: rec.radio.swap,rec.radio.scanner

In article <1994Apr21.234121.22993@ohsu.edu> holmanji@ohsu.edu (Jim Holman) writes:
>Traditionally the individuals involved in the radio hobby have not been
>highly motivated by wanting to make a profit from fellow hobbyists. How
>many times have you given a beginner a good deal on a used radio? How
>many times has someone given you a good deal? The radio hobby has always
>proceeded on the assumption that we will all attempt to act in the best
>interest of each other.
>

This is, of course, one person's opinion. How many times have we been to hamfests and seen the same hobbyist guys out in the same parking slots trying to sell the same stuff for the same prices that are too high?

No one is trying to rip off anyone. There is nothing immoral about making a buck when supply and demand changes. If you doubt this, look at the commodities markets. There will be a frost in Brazil and guess what, coffee prices rise. This happens all the time. Individuals can benefit as well. For example I often trade stocks in the anticipation of making a profit.

I have given many beginners excellent deals on truly excellent equipment and gone way out of my way to provide useful help. This will not change.

If your job had you travelling to Tokyo frequently and you knew you could pick up an extra scanner that was highly sought after in the US and you knew you could make $100 off of it, wouldn't you be tempted to do so?

Another way of looking at what is going on is that we are just establishing what the fair market value is for a commodity after a trade restriction is put in place. Whenever the government does things like that, there are always winners and losers. This is the free market system.

No one is not acting in the best interst of the hobby. I am no different than the guy offering an NRD525 for $975 that I recently saw advertsied on the net. His price is way out of line with recent prices and no one is flaming him. The difference here is that I am being totally open about the fact that I intend to profit from a windfall opportunity, just the same as you would if you had rental houses and there was suddenly a major run-up in house rental prices.

Maybe the openness is disturbing to you and others? Maybe you like your speculators to be more discreet about how they conduct their affairs? I think the whole thing is a fascinating thing to observe

because we see a classic market action in place before our eyes in slow motion. There is clearly a disruption in supply. Everybody knows prices are going to be affected. No one knows how much. There is clearly a spread between the bid and asked prices and they will converge.

Where will they stabilize? Maybe $700, maybe $800, maybe $600? I don't know but I am betting my own money that they will stabilize closer to the $700 I ask than the $580 you can buy them for in Canada. At least in the US that is.

--

Someone asked about how many I brought in. Well I travelled with three folks and each of us got a legal number of them. The other guys decided they liked the idea of making a few bucks so I offered to handle disposing of them. No one person brought more than two in. One guy kept one for himself.

We each told Customs what we had, paid our duty and left the airport. No one asked us about any FCC forms etc. If the Government needs special forms and declarations filled out, then they should be efficient enough` to make this information available to those charged with enforcing the laws.

If we had been informed that we had to keep these devices, then that is what we would have done. The risk is borne by the speculator. Everyone understands this. When you speculate, sometimes you win, sometimes you lose.

Hillary Clinton understands this!

>What bothers me in this case is that an individual, whom we expect to
>act as a fellow hobbyist, is acting like a profit-making company.

You should speak for yourself. It is not clear to me based on reading recent posts by Mr Miller and Dr. Wier that your opinion is held by all. Furthermore, I would argue that I am acting just like a great many hobbyists that haunt the great flea markets. Everyone out there selling is trying to make a buck, mainly to allow them to engage in a bigger way their hobby. This is the American way and if you have a problem with it, then you will simply be a bothered person.

>If the individual in question desires to make an income by lightly
>fleecing his fellow-hobbyists for soon-to-be-contraband items, well,
>I guess that tells us what kind of relationship he wants to have with
>the rest of us.

Again, I have time and again offered advice, sold good equipment at fair prices, and generally tried to contribute to the common knowledge base in this hobby. At the same time I see nothing wrong with making a buck in the process. We are simply establishing the new fair market price for a scarce commodity by this exercise.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"

-Will Rogers

2935. Re: FLASH! -- Illinois anti-scanner/transceiver bill derailed

Newsgroup: rec.radio.scanner
Date: 1994-04-22 16:54:53 UTC
From: mahjmac@netcom.com
Message-ID: <mahjmacCoo6zI.9tM@netcom.com>
Source record: 275238

In <CoMLsD.IrD@cbnewse.cb.att.com> parnass@cbnewse.cb.att.com (Bob Parnass, AJ9S) writes:

[some stuff deleted]
> He has shelved the bill temporarily and will reintro-
> duce a much different version later. The new version
> will make it a crime to *use* a radio receiver like a
> scanner in the commission of a crime.
[more stuff deleted]

Hmmm, this is certainly good news, but it is my understanding that the ECPA already makes it illegal to use a scanner in the commision of a crime. In fact, aren't crimes illegal? What good is making scanners illegal in the use of crimes if in fact crime is illegal, and yet still occurs? Sort of like the worthless feel-good gun banning agenda!
--

| Michael A. Hotz J.M. Allen Creations mahjmac@netcom.com |
| Of course my opinions represent those of my company, I own it! ;-) |

2936. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-22 17:06:06 UTC
From: nvankest@rodan.syr.edu
Message-ID: <1994Apr22.170606.23703@newstand.syr.edu>
Source record: 275097
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave

Organization: Syracuse University, Syracuse, NY
Keywords:

In article <brett_miller.164.0009332E@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>In article <a10554.766924360@giant> a10554@giant.rsoft.bc.ca (David Tse) writes:
>
>>That guy has been advertising too strongly here, I suggested he leaves
>>a little space, as it is not at all within Internet regulation (at
>>least on this side of the Internet) to put what is considered commercial
>>traffic here. How do I determine it is commercial traffic? What else
>>would you think it is? I usually don't mind some selling in the
>>wrong group, but he is literally pushing his product with sales pitch!
>
>>If there is trouble because of this, I suggest sending copy of his
>>post to the administration at his host (which is public access commercial
>>Internet service.)
>
>I think we are getting a little too worked up here. Richard has been on the
>net for a lot of years, and he is not the bad guy people are making him out to
>be.
>
>Since the National Science Foundation gave up control of their portion of the
>internet, the are no "rules" on what can be done over the internet. The only
>rules now are "netiquete". I'm sure Richard knows all about that already.
>
>Richard was just using supply and demand. If his price is too high then no
>one would buy them, he would then lower the price until they were
>sold. I personally think he was jumping the gun a little, but if he got his
>asking price for the scanners, then obviously the demand was high enough to
>justify the price. (although the sales pitch was a bit strong for the net)
>
>What people seem to be worked up over, is that he is profiteering over Usenet,
>but I don't think that's the real issue. If Richard were go to Japan and buy
>the Yupi for $400, bring them back to the U.S. and sell them for $450, you can
>bet no one would complain. They would welcome such a deal. He is still
>making a profit, but providing a serivce by selling the scanners below what
>the average Joe could get them for. My point is, what he is doing is no
>different. If people dish out their cash, then that is an indication that it
>IS a good deal - even at $700, otherwise they wouldn't buy it.
>
>The real issue is whether the people who purchased from Richard knew that the
>scanner is still available from other sources at a "cheaper" price. Here on

>the net, people are always trying to help people find the best deal. So if
>someone is selling the scanner at a higher price we feel it is our duty to
>warn everyone. I guess that is what is happening here, but the warnings
>should be directed at the buyers, NOT at Richard. The price of the Yupi has
>been posted he MANY times in the past (as well as the April 26 deadline), so
>if folks are still willing to pay $700, they either don't READ the messages
>here OR they feel that $700 is worth it. Flaming Richard isn't going to
>change either of these.
>
>
>Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
>Intel Corp.
>American Fork, UT

I agree.... but if he wants to sell his radios, why doesn't he go to
rec.radio.swap instead of trying to force it on us?????

2937. Re: FLASH! -- Illinois anti-scanner/transceiver bill derailed

Newsgroup: rec.radio.scanner
Date: 1994-04-22 17:15:16 UTC
From: crisp@netcom.com
Message-ID: <crispCoo7xI.KzL@netcom.com>
Source record: 275239

In article <mahjmacCoo6zI.9tM@netcom.com> mahjmac@netcom.com (Michael A. Hotz) writes:
>In <CoMLsD.IrD@cbnewse.cb.att.com> parnass@cbnewse.cb.att.com (Bob Parnass, AJ9S) writes:
>
>[some stuff deleted]
>> He has shelved the bill temporarily and will reintro-
>> duce a much different version later. The new version
>> will make it a crime to *use* a radio receiver like a
>> scanner in the commission of a crime.
>[more stuff deleted]
>
>Hmmm, this is certainly good news, but it is my understanding that the ECPA
>already makes it illegal to use a scanner in the commision of a crime. In
>fact, aren't crimes illegal? What good is making scanners illegal in the
>use of crimes if in fact crime is illegal, and yet still occurs? Sort
>of like the worthless feel-good gun banning agenda!
>--

you are right! All of the crimes being committed by the gangs and other
violent members of our society are just that: crimes. Every drive
by shooting, crack deal and bank robbery are already crimes. Yet
so often once the perpetrators are arrested, convicted and confined they
are released from jail way before the sentence clock expires. I am
very reluctant to accept new laws further infringing my personal
liberties when I know the acts that I am to be protected from are
already crimes and the perps are not being held fully accountable for
their actions. The penal and parole system in this country are
seriously broken and passing more laws further restricting your and my
liberty will do nothing to correct that fact.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2938. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-22 17:47:40 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Apr22.124740.2261@hnrc.tufts.edu>
Source record: 275240

In article <1994Apr22.012040.3998@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
> In article <2p29kd$c9g@dancer.cc.bellcore.com>, whs70@dancer.cc.bellcore.com (sohl,william h) writes:
>> Amen to that. If, the new crop of scanners does prove to be
>> unmodifiable, then you'll see a bunch of tech articles on
>> how to build a broadband downverter.
>
> Either that, or ... if the RF circuitry can handle the locked-out range, ie if
> the limitations are strictly in the programming, a lot of other possibilities
> come to mind. If the programming is in a PROM, this of course can be changed.
>

Correct me if I'm wrong . . .

After April 26, not only will it be illegal to import or manufacture scanners (being interpreted my the manufacturers to *include* transceivers) that receive the forbidden frequencies, but it will be illegal to build your own.

I don't know how this relates to scanners that are already modifiable. Right now, it's not illegal to modify your scanner for extended RX or, at least, I haven't heard anyone make the claim that it is. So all the fiddling around and modifications are within the law (just don't listen). I don't know how this will change after April 26.

2939. Re: Help with final decision on a Scanner purchase?

Newsgroup: rec.radio.scanner
Date: 1994-04-22 17:52:29 UTC
From: berling@reis60.alleg.edu
Message-ID: <2p92st$5da@mustang.alleg.edu>
Source record: 275241

In article <2p6qle$d6s@inca.gate.net> habu@inca.gate.net (Michael Fink)
writes:
> I am about to purchase either a Icom R1 or a RS Pro-43,anybody have
> reasons why I should lean one way or the other. I plan to use it for
> general scanning,I already own a Bc200xlt but would like a little more
> frequency coverage. Any comments would be appreciated.

Judging from the flow in the newsgroup and a few friends'
reactions, go with the Pro-43. You'll be happier in the long run, I
suspect.

Gordon Berlin * berling@alleg.edu *
Hershey Vol. Fire Co. * Allegheny College *
Hersheypark Safety and Security * Meadville, PA *
Hershey, PA * *
"Chocolatetown, U.S.A." * May 16th FREEDOM! *
****

2940. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-22 17:55:48 UTC
From: rkeefe@indyvax.iupui.edu
Message-ID: <1994Apr22.125548.5214@ivax>
Source record: 275242
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave

In article <1994Apr20.204236.12701@integrity.uucp>, barryc@mpd.tandem.com (Barry Chalcroft) writes:

>
> I`d consider this price gouging myself. Some people sell water in a
> drought for $10 a gallon or plywood before a hurricane for 5-10x it's
> cost. That`s the dark side of capitalism, greed.
>
>
> --
> Barry D. Chalcroft / N5NWI Tandem Computers ISD, Austin,TX
> Work: (512) 244-8723 The Home of "UNIX with Integrity""
> EMAIL: barryc@mpd.tandem.com bchalcroft@delphi.com
> 76500.2177@compuserve.com barryc@cactus.org

Water selling for $10 per gallon in a drought encourages those with water to bring it to those without, a positive event for those in need of water. Price controls result in no incentive to bring water in, and a continued shortage. When enough water is brought in, the price declines. Ditto for plywood.

If you don't like the price, don't pay it. Please take your complaints to alt.socialism.

Robert Keefe
rkeefe@indyvax.iupui.edu

2941. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-22 18:04:09 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <CooA72.CzL@cbnewsc.cb.att.com>
Source record: 275243
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

|I, for one, am smarter than a frog, and that is exactly the point.

|You are using precisely the same convincing illogic that allows Catherine
|McKinnon to equate pornography and murder in courts of law. Radicalism
|of the left and right are more similar to each other than either is to
|moderation.

And also irrelevant. Being "smarter than a frog" i.e. an "intellectual" doesn't mean squat in the face of deadly force. All the brainpower in the world didn't mean diddly to Pol Pot's soldiers when they emptied the cities and cleansed Cambodia of their intellectuals. And who can forget the Peoples Republic of China and what the Red Guard did to their intellectuals?

If you haven't seen "Schindler's List" yet, I suggest you do. There's a scene in there where an "intellectual," a civil engineer, objects to some particular aspect of the construction of a building. Yes, Mr. Engineer is quite proud of his intellect in telling his Nazi captors that they are incorrectly constructing a building. The Nazi captors shoot him, and then adopt his engineering change to the building.

Being "smarter than a frog" doesn't stop government soldiers from killing you; being "smarter than a frog" and equipping yourself with an AR-15 or AK-47 can. Which is precisely what the attacks on civilian owned military-style semi-automatics are all about in the USA.

2942. Re: Illinios scanner ban law

Newsgroup: rec.radio.scanner
Date: 1994-04-22 18:12:36 UTC
From: dseitel@crl.com
Message-ID: <2p942k$cl5@crl.crl.com>
Source record: 275244

Carl Steckler wrote:

: ...If we let our neighbor be effected then surely we are next...

I think you are right.

If we don't act to preserve the liberty of everyone (even if we
don't like them or what they do), our own liberty will evaporate. We need
to pay less attention to what our neighbor is doing and more attention to
what the government is doing, IMHO.

David Eitelbach
--
"Old people like to give good advice as solace for no longer being able
to provide bad examples."
--La Rochefoucauld

2943. Re: FLASH! -- Illinois anti-scanner/transceiver bill derailed

Newsgroup: rec.radio.scanner
Date: 1994-04-22 18:18:00 UTC
From: dseitel@crl.com
Message-ID: <2p94co$cvt@crl.crl.com>
Source record: 275245

Michael A. Hotz wrote:

: ...In fact, aren't crimes illegal? What good is making scanners illegal
: in the use of crimes if in fact crime is illegal....

I have tormented myself with these thoughts, too. I wish I knew
the answer, but I don't. Perhaps someone who does will post.

David Eitelbach
--
"Old people like to give good advice as solace for no longer being able
to provide bad examples."
--La Rochefoucauld

2944. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-22 18:33:37 UTC
From: jkearman@arrl.org
Message-ID: <1994Apr22.183337.10844@arrl.org>
Source record: 275085
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave

Well, my friend just called to say he'd bought the last MVT-7100 Lorenz had in stock, promised for Monday or Tuesday delivery.

You might get one in time from Javiation, otherwise, you'll have to pay Richard Crisp for his foresight! Used ones do show up--I bought my 7100 used for $450 last November.

The people we ought to be flaming are the fools who voted for this dumb law. Without it, I probably never would have bought a scanner in the first place. Now I own two and listen frequently. Good work, Congress!

Good listening.

Jim (I got mine) Kearman

2945. PRO-46 Opinions

Newsgroup: rec.radio.scanner
Date: 1994-04-22 18:54:37 UTC
From: nsadp@access3.digex.net
Message-ID: <2p96hd$8cj@news1.digex.net>
Source record: 275246

I just got a PRO-46 and would like some feedback from experts before my 30-day chance to return it expires? I'm new to this, but the 46 had a good sale price so I took the plunge. I looked at the PRO-39 too. WHat is HYPERSCAN and does it make a big difference? I mainly want to monitor cordless phone, would hyperscan help that? Thanks for the advice, I'm just learning so I need all the help I can get! -- Paul --

2946. Mods for PRO-46?

Newsgroup: rec.radio.scanner
Date: 1994-04-22 19:08:16 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2db8a411@f747.n115.z1.fidonet.org>
Source record: 275247

tr> I am looking for any mods for the PRO-46. I have mods for almost any
tr> other "PRO" series scanner.
tr> Thanks in advance,

Here you go, Fred...

Product: Realistic PRO-46 by Radio Shack
Purpose: Restoration of full 800 Mhz coverage

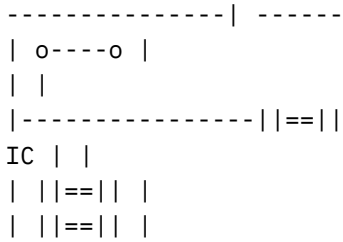
The modification of this unit is from the May, 1993 issue of
Monitoring Times, published by Grove Enterprises.

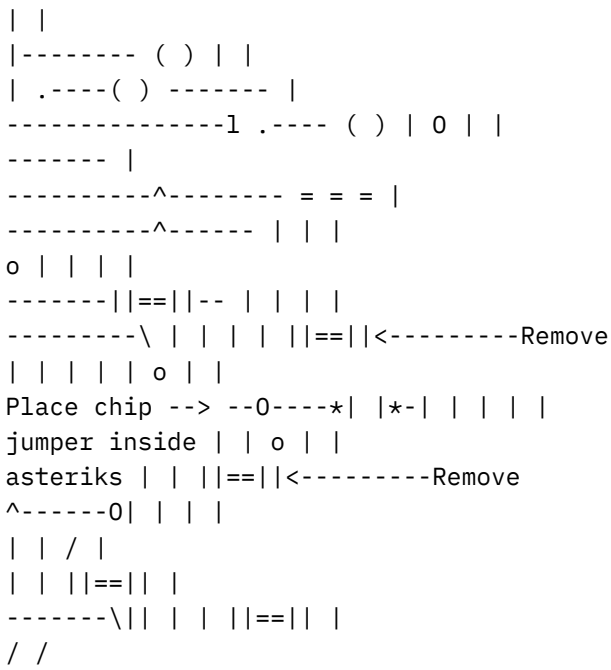
** Disclaimer: All modifications are done at your own risk. This
product uses surface mount components which can be easily damaged.
Do not perform this modification if you are not experienced with
this type of circuitry. This will void the warranty of your scanner.

** Listening to certain portions of the 800 Mhz band is prohibitted
by United States law.

Modification of PRO-46 for full 800 Mhz coverage with 30 Khz stepping
available.

1. Remove the battery pack, battery door and antenna.
2. Remove the four black screws from the back of the radio, then
push upward on the bottom of the rear of the case, carefully
swinging it upward and removing it.
3. Carefully insert a small screwdriver between the two boards
next to the interconnect plug in the lower right corner. Gently
pry the top board up to separate it and set it aside.
4. Unsolder the copper-coated plastic shield from the microprocessor
and set it aside. ** CAUTION!! Too much heat will damage the
shield. **
5. Locate the two chip jumpers imprinted with "0". Carefully unsolder
and remove both.
6. Solder one chip jumper across the two upper most unused solder
pads. (Soldering a jumper across the lower two pads changes the
30-50 Mhz band to 68-88 Mhz.)
7. Reverse steps 1-4. The modification is completed.





Jerry

2947. Re: Morse Trivia Question

Newsgroup: rec.radio.scanner
Date: 1994-04-22 19:26:13 UTC
From: veith@cherokee.nsuok.edu
Message-ID: <1994Apr22.192613.18204@cherokee.nsuok.edu>
Source record: 275248

zlau@arrl.org (Zack Lau (KH6CP)) writes:

>John Quill Taylor (jqtaylor@boi.hp.com) wrote:

>: I've often wondered, "What's the *highest* frequency you've ever heard
>: Morse code being used?" Personally, I guess I hear it on the 440 MHz
>: area repeaters that some hams use. Can anyone verify higher?

>4.4e14 Hz. Modulated laser diode (red light).
>(line of sight)

>10368 MHz (220 miles, Rochester NY to Manchester, VT)
>Tropospheric ducting was good enough to switch to
>voice (SSB).
>--
>Zack Lau KH6CP/1 2 way QRP WAS
> 8 States on 10 GHz
>Internet: zlau@arrl.org 10 grids on 2304 MHz

Wow!!! Way to go, Zack!!!
Charles veith@cherokee.nsuok.edu KG5TV @ WB5AOH

2948. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-22 19:35:04 UTC
From: crisp@netcom.com
Message-ID: <crispCooEEG.E3L@netcom.com>
Source record: 275249
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

In article <2p8p9f$i68@bigblue.oit.unc.edu> austin@physics.unc.edu (Jim Austin) writes:
>I, for one, am smarter than a frog, and that is exactly the point.
>
>You are using precisely the same convincing illogic that allows Catherine
>McKinnon to equate pornography and murder in courts of law. Radicalism
>of the left and right are more similar to each other than either is to
>moderation.
>
Boy, I have totally missed that connection. Could you go over that one
again a bit more slowly...

>It is undeniable that gun control and the control of communications devices
>(I hesitate to lump them together, for the analogy is a poor one), taken to

I actually think the analogy is a very good one, but that is my personal
opinion and clearly others do not agree.

>extreme, constitutes a serious breach of our fundamental rights. It's the job
>of the courts and of the legislature (a job which the supreme court, at least,
>takes very seriously) to determine when a law has gone too far.
>
>If we're all as stupid as frogs such a subtle and complex system will fail.
>And there's a lot of indication that that might be what's happening. But the
>answer is for us all to somehow gain a little more subtlety in our thinking,
>not to fall back on radical stands that deny the complexity of the problems.
>
>If I'm in a pot of warm water, I might find it pleasurable for a while. If I
>sense that the heat is being turned up, I'll be wary, but I'm not gonna start
>jerking around like a hot frog. If the water begins to get too hot (and it's
>not anywhere near that point now) I'll get out and see what I can do about it.
>As long as I think there's a good reason for turning up the heat, and as long
>as I'm not too close to cooked, and as long as I'm convinced that there's a
>limit on how far they'll turn it up, I'll tolerate it and support it.
>

The frog analogy apparently wasn't good enough to get my point across:

The point I am trying to make is there is a insidious chipping away at our
liberties that is occurring. If the government did everything all at once,
there would be rioting in the streets. They are too smart for that they
do it a little at a time. First we saw RICO being passed to combat organized
crime. This is a good thing. Now we see it being twisted around being used
for things it was never intended for such as attacking pro-lifer's attempts
to shut down abortion clinics. Then we have the whole gun control farce,
and now radio bans. The point is if in 1992 all of this was attempted, there

would have been zero chance that it would have made it into law
and if it did there may well have been rioting in the streets.But little
by little you and I have fewer liberties now than we did 20 years ago,
and are no safer or better off for it.

Those that stand by and do nothing are no better than a frog. Parnass
did the right thing by contacting and educating Mr Cross. We all owe him
a big thanks. Many many bad laws are railroaded through by well intentioned
people that simply do not understand or care about the full ramifications
of their action.

I'd also like to see a bit of tie in to specific acts where anti tank
weapons have been used against police cars and a bit more info on the house
wife that blew away foriegners and got away with it.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2949. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-22 19:53:13 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Apr22.195313.3310@rsg1.er.usgs.gov>
Source record: 275250
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave

In article <1994Apr22.125548.5214@ivax>, rkeefe@indyvax.iupui.edu (Robert Keefe) writes:
|> In article <1994Apr20.204236.12701@integrity.uucp>, barryc@mpd.tandem.com (Barry Chalcroft) writes:
|> >
|> > I`d consider this price gouging myself. Some people sell water in a
|> > drought for $10 a gallon or plywood before a hurricane for 5-10x it's
|> > cost. That`s the dark side of capitalism, greed.
|> >

Can you please either let this thread die, or keep it off rec.radio.swap
since it is not an ad..............

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

2950. PRO2006 ON SALE SOON IN N.S. CANADA

Newsgroup: rec.radio.scanner
Date: 1994-04-22 19:57:00 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Apr22.155224.1@cad3.uccb.ns.ca>
Source record: 275251

If anybody in Nova Scotia is reading this, please note!!
The pro2006 scanner is going on sale soon.
reg price--539.95 can
sale price-399.95 can
bye

2951. What is the best antenna?

Newsgroup: rec.radio.scanner
Date: 1994-04-22 20:32:04 UTC
From: Matt_Sales@aardvark.bah.rochester.ny.us
Message-ID: <00043DF4.fc@aardvark.bah.rochester.ny.us>
Source record: 275253

I have a Uniden-Bearcat BC172XL /20 channel scanner and the antenna that comes withit is only a foot and a half or so. Can somone inform me on a good antenna that would be compatible with the BC172XL and allow me to recieve clearer reception?

Thanks

Matt_Sales@aardvark.bah.rochester.ny.us
** Via the Aardvark Burrow BBS - 1-716-383-1372**

2952. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-22 20:46:00 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2p9d28$qgs@dancer.cc.bellcore.com>
Source record: 275254

In article <1994Apr22.124740.2261@hnrc.tufts.edu>,
Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
>In article <1994Apr22.012040.3998@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>> In article <2p29kd$c9g@dancer.cc.bellcore.com>, whs70@dancer.cc.bellcore.com (sohl,william h) writes:
>>> Amen to that. If, the new crop of scanners does prove to be
>>> unmodifiable, then you'll see a bunch of tech articles on
>>> how to build a broadband downverter.
>>
>Correct me if I'm wrong . . .
>
>After April 26, not only will it be illegal to import or manufacture scanners
>(being interpreted my the manufacturers to *include* transceivers) that receive
>the forbidden frequencies, but it will be illegal to build your own.

The law prohibits manufacture, not home built. Now one might argue
that the ban on manufacturing could also be applied against an
individual who builds just one unit, but I really doubt it.
I think the term manufacture implies a true business endeavor (i.e.
assembly line, many units built, etc.) Bottom line is that even
if you were illegally building your own, how would anyone
determine when you built it (before or after 4/26/94)?

Remember too, no one appears to have been prosecuted for ever
listening to cellular, ECPA law or not. I really don't think
the Feds would care at all about someone building their own
equipment, indeed, how would anyone ever know about it
anyway?

>I don't know how this relates to scanners that are already modifiable. Right
>now, it's not illegal to modify your scanner for extended RX or, at least, I
>haven't heard anyone make the claim that it is. So all the fiddling around and
>modifications are within the law (just don't listen). I don't know how this
>will change after April 26.

It won't change at all. The 4/26 date is the cutoff for importation and
manufacture. Nothing in the 4/26 effective law prohibits modification.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

2953. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-22 21:24:58 UTC
From: crisp@netcom.com
Message-ID: <crispCooJHM.MD4@netcom.com>
Source record: 275255
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

In article <wb9omc.767031350@constellation.ecn.purdue.edu>
wb9omc@constellation.ecn.purdue.edu (Duane P Mantick) writes:
>crisp@netcom.com (Richard Crisp) writes:
>
>>It appears that the current administration is very sympathetic to the
>>"ban-it" people.
>
> Keep in mind that it was Pres. Bush, not Pres. Clinton, that signed
>the US Scanner Ban into law.
>
>Duane
>

You are right, and Reagan signed the ECPA and the Machine gun ban of
1986.

The point I am making is that there is a furor or gun banning
sentiment unseen in the history of this country underway now.
And the current Administration is certainly fueling the fire.

And the ill-advised Brady Bill was signed by our number one draft dodger!
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2954. Re: PRO2006 ON SALE SOON IN N.S. CANADA

Newsgroup: rec.radio.scanner
Date: 1994-04-22 21:28:57 UTC
From: phybs@mizzou1.missouri.edu
Message-ID: <phybs.85.00157C31@mizzou1.missouri.edu>
Source record: 275267

In article <1994Apr22.155224.1@cad3.uccb.ns.ca> rling@cad3.uccb.ns.ca writes:
>From: rling@cad3.uccb.ns.ca
>Subject: PRO2006 ON SALE SOON IN N.S. CANADA
>Date: 22 Apr 1994 16:57:00 -0300

>If anybody in Nova Scotia is reading this, please note!!
>The pro2006 scanner is going on sale soon.
>reg price--539.95 can
>sale price-399.95 can
>bye

Why only in Nova Scotia ? I saw a comment about a RS sale (can't remember what item) in NS and found that it was not true for RS in Ontario. Sales in Ontario were different than in US. But sales in Missouri are the same in MI and NY etc. Why ? Are there separate RS empires up there ?

2955. Re: FLASH! -- Illinois anti-scanner/transceiver bill derailed

Newsgroup: rec.radio.scanner
Date: 1994-04-22 21:29:01 UTC
From: crisp@netcom.com
Message-ID: <crispCooJoD.Mu9@netcom.com>
Source record: 275256

In article <wb9omc.767031622@constellation.ecn.purdue.edu>
wb9omc@constellation.ecn.purdue.edu (Duane P Mantick) writes:
>
> Glad you think so. Please express your dissatisfaction
>to Sen. Coats of Indiana, who was most strongly *opposed* to the
>scanner ban and tell him you're interested in seeing it repealed.
>
> Last I knew, he and a few others were still interested in this....
>

Does anyone know if any members of congress or the senate are licensed Hams?

Alternatively, does anyone have a complete list of all 535 members of both
houses? I suppose I could run them one by one through the callisgn server....

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2956. Bearcat 142XL Questions

Newsgroup: rec.radio.scanner
Date: 1994-04-22 21:48:00 UTC
From: U086236@adpdp2.lanl.gov
Message-ID: <22APR199414485482@adpdp2.lanl.gov>
Source record: 275257

Someone wants to sell me a Bearcat 142XL.
1. What features does it have?
2. What is the frequency range?
3. What's it worth?
4. It it worth picking up? I have three RS scanners now.
5. Can it be modified (Cel phone freqs)?

2957. IL LAW UPDATE

Newsgroup: rec.radio.scanner
Date: 1994-04-22 22:11:28 UTC
From: Ted.Moran@f747.n115.z1.fidonet.org
Message-ID: <2db83d80@f747.n115.z1.fidonet.org>
Source record: 275258

From the Chicago Area Radio Monitoring Association, 6143 W. Touhy Ave, Chicago, Illinois, 60646. Voice - (312) 631-5560 FAX-(312) 631-6499

We attended a committee meeting of the Illinois House Judiciary 2 panel on April 21st in Springfield. Among the bills discussed was House Bill 4180, which in it's original form makes illegal the possession of any scanner that can be DC power operated. Other than our group of 3 hobbyists only one other person showed up to support our cause. He was a amateur radio operator from out of state. This was a far cry from the show of force we had hoped for.

Before and after the committee meeting we seemed to make some progress with the bill's sponsor, Rep. Tom Cross, along the lines of getting the bill re-written (amended) to resemble the current Chicago City law, which makes it a crime to use a radio to aid or abet the commission of any other crime. We are withholding judgment on the matter until we see this re-written version. This will probably happen on 24 April, 94, and we will keep you posted.

Our testimony with the committee was rather heated at times. They did not appear to be willing to recognize that scanner listening is a legitimate hobby. The overall atmosphere of the committee did not seem favorable to our cause. The committee chairman introduced Representative Frias to testify for the bill, and identified him as a Chicago Police Officer. During his testimony, Rep. Frias stated; "It's vitally important that we (the Illinois House of Representatives) immediately start taking some steps to prevent citizens from monitoring police frequencies."

This Bill was proposed by Rep. Tom Cross, from Yorkville, Illinois. His Yorkville office number is (708) 553-0000. His Springfield Office number is (217) 782-1331. While Rep. Cross appears to be willing to work with us in re-writing this bill (HB4180), it's vitally important that you express your feelings about this to him. We don't want him to change his mind at the last minute.

Should you care to discuss his position regarding the right of law abiding citizens to monitor publicly owned airwaves passing through their homes, Representative Rafael "Ray" Frias (Democrat - 1st Ward / Chicago) may be reached via his Chicago office at 4106 S. California, Chgo, IL, 60632 (312) 890-0125. His Springfield Office phone number is (217) 782-3316.

No one we spoke with mentioned receiving any feedback on this issue from their constituents. We were saddened by the lack of turnout at

the committee hearing. In comparison, the committee voted against a gun control measure. This may have been the result of the room being packed with Illinois NRA members. It would appear the committee members feel radios are more dangerous than guns.

We can guarantee that if the hobby community does not stand up for it's rights it is going to lose them and the hobby along with it. We really will not be interested in hearing your moans when your radios are confiscated unless you have done something to prevent this from happening. Dont sit back and think that there is nothing you can do. There is a lot you can do and now is the time to do it. Make a call, make a lot of calls, tell other hobbyists, write a letter, write a lot of letters, repost this message on other hobby BBS systems. Tell your Illinois House Representative that you are a law abiding citizen who supports law enforcement and that you dont want them to take away your radio.

We will post here on Monday evening and let you know if the bill has been changed to permit the ownership of radios by law abiding citizens. The current status of the bill may be checked by calling the clerks office in Springfield - (217) 782-7192. Happy Scanning - Ted Moran, editor CARMA Newsletter

2958. Icom R1 for sale

Newsgroup: rec.radio.scanner
Date: 1994-04-22 22:47:29 UTC
From: r_egeland@cc.colorado.edu
Message-ID: <2p9k61$iqp@lace.Colorado.EDU>
Source record: 275259

I am selling my Icom R-1. I don't really listen to anything but police and ham radio, so I find no need for it's extensive features.

For those unfamilliar with the R-1, the following is a list of features (from my memory):

- Full coverage from 0.5 to 1300 Mhz
- Smallest scanner produced (about 2" x 1.5" x 4")
- Wideband FM (TV, Radio), Narrow FM (police, cellular), and AM modes for any frequency
- 0.5, 1, 5, 10, 12.5, 25, 30, and 50 kHz step rates (receives any form of transmission)
- Programable Search limits (ex. will search from 860-890 MHz), with any channel spacing (useful for cellular - will effectively scann every single cellular channel while only taking up two numers in the memory.
- "Search and Store" function - searches for activity in a specified range of frequencies and stores any found (great for finding unknown frequencies)
- Runs about 8 hours on internal battery, or runs for days with optional battery pack (I don't have that, though)
- All kinds of other functions that I haven't even learned how to use yet!

The scanner has ALL accessories, as well as the directions, box, and packaging. I think the scanner retails for about $400 from Grove (I'm not sure of the exact price, but it's somewhere around there - check for yourself). I am selling the unit for $295, which seems to be the average price on the net. The scanner has no scratches or damage of any kind.

Please respond directly to me.
Ryan Egeland

R_Egeland@cc.colorado.edu

(719) 389-7205

902 N. Cascade
Colorado Springs, Colorado 80946

2959. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-22 23:04:14 UTC
From: uncia@selway.umt.edu
Message-ID: <1994Apr22.230414.17052@selway.umt.edu>
Source record: 275260
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

In article <2p8p9f$i68@bigblue.oit.unc.edu>,
Jim Austin <austin@physics.unc.edu> wrote:
>I, for one, am smarter than a frog, and that is exactly the point.

Ribbit!

>If we're all as stupid as frogs such a subtle and complex system will fail.
>And there's a lot of indication that that might be what's happening. But the
>answer is for us all to somehow gain a little more subtlety in our thinking,
>not to fall back on radical stands that deny the complexity of the problems.

The problem isn't that we aren't thinking correctly, it is that we are
being fed incorrect information on which to apply the thinking,
subtlely or otherwise. See Nightline last night? We are scaring
ourselves into giving up our liberties.

>If I'm in a pot of warm water, I might find it pleasurable for a while. If I
>sense that the heat is being turned up, I'll be wary, but I'm not gonna start
>jerking around like a hot frog. If the water begins to get too hot (and it's
>not anywhere near that point now) I'll get out and see what I can do about it.

Yeah, but what if they make you think the water is cold, when its not ?
You'll beg to have the heat turned up.

>As long as I think there's a good reason for turning up the heat,

CRIME INCREASING DRAMATICALLY !! (_not_, its actually going down,but thats
what they feed us)

>and as long as I'm not too close to cooked,

YOU DON"T NEED THESE UNIMPORTANT RIGHTS ANYWAY !! (remember, no one _needs_
a nasty, evil baby killing assault weapon)

>and as long as I'm convinced that there's a limit on how far they'll turn
>it up,

REALLY, WE DON'T WANT YOUR "SPORTING" GUNS !! (see .sig below, still
convinced ?)

>I'll tolerate it and support it.

THE FROGS ARE BEGGING FOR MORE HEAT, ER, WE MEAN THE PEOPLE ARE BEGGING
FOR GUN CONTROL !!

>We've got housewives blowing away foreigners and getting off for it,

Where? A lot? Come on!

>gangs using anti-tank weapons on police cars,

a) Anti-tank weapons are illegal, last I checked, anyway overkill on a car.
b) Where? A lot? Come on!

>and murder rates many thousands of times as large as comparable European
>nations (just as free--in some respects more so).

Yeah, like Switzerland, where 40% of the homes are equipped with government
issue assault rifles, personal anti-tank weapons, and private firearms.

>I think it's time to turn up the heat a little bit.

The problem with this analogy is that there is only one possible
response, turn up the heat.

The problem with your thinking is that there is only one response,
restrict freedom.

This is a not an analogy, this is life.
We can lower crime without banning guns or radios, if we want to.
We can also alow crime to rise WHILE we ban guns and radios, if we want to.
Choose.
>**
> What opinions?
>**

Thems mine.

Jim Johnson

HUD secretary Henry Cisneros on "protected" guns and "sporting purposes":
"I mean, a 30-06 deer rifle with a scope is the kind of weapon that's in
use [by gangs] and the kind of weapon that was confiscated the other night."
++

2960. Mod for Pro-2030?

Newsgroup: rec.radio.scanner
Date: 1994-04-22 23:17:07 UTC
From: jwiens@mondrian.CSUFresno.EDU
Message-ID: <CooooJ.89u@zimmer.CSUFresno.EDU>
Source record: 275261

Has anyone seen a mod for the Pro-2030? I haven't been able to find one on the major ftp sites.

Thanks!

-Jeff

2961. Re: one last Yupiteru MVT7100 left (new, $7

Newsgroup: rec.radio.scanner
Date: 1994-04-22 23:36:42 UTC
From: rja@batcomfs.Eng.Sun.COM
Message-ID: <2p9n2a$rke@engnews2.Eng.Sun.COM>
Source record: 275262
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave

In article pl1@crcnis1.unl.edu, jep@unlinfo.unl.edu (Stephen Panarelli) writes:
>
> : So complain about the price but when you have the goods, and they are wanted
> ^^^^^^^^^^^^^^^^^^^^^^^^
> : supply and demand dictate pricing. The price is $700 and the buyer pays
> : shipping.
> : --
> : Richard Crisp Cupertino, Ca. crisp@netcom.com
> : (415) 903-3832 wk (408) 253 4541 fax
> : "It is a good thing that we do not get as much government as we pay for"
> : -Will Rogers
>
> Ok, I will.
>
> Richard,
> The last time I remember you selling these, you had one new one
> for..$575 as I recall. Now you have a batch of five you are (have
> been) selling. Hmmm... As I recall you can only bring three non FCC
> approved radio devices into the country for PERSONAL use at one time.
>
> It's your local FCC office. Go there and turn yourself in.

Steve, I won't comment on whether what Richard did was legal or not
because I'm not an attorney. However I have to wonder why you and
others are bitching so strongly about this. ANYONE could have bought
a Yupi from the stateside sellers, or from Javation, etc., for the past
year or so. If they wanted to wait until now and wring their hands
over not doing so, and/or sustain the added expense of pre-ban prices,
that's their problem. Richard is doing them a service by making the
units available. I'm willing to be that that he's perhaps cleared
enough to pay for shipping, plus perhaps pay for one for himself.
Such is the American Way. He's not hurting anyone by what he's
doing. Lay off eh?

Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

2962. PRO-41 AND MILWAUKEE

Newsgroup: rec.radio.scanner
Date: 1994-04-22 23:52:05 UTC
From: exe00007@char.vnet.net
Message-ID: <2p9nv5$a8o@char.vnet.net>
Source record: 275263

References: <2p6snpINN3q4@uwm.edu>

FF> Also, anyone out there know some good freqs for the Milwaukee area?

MPD Districts 1,2,5 460.075
MPD Districts 4,7 460.225
MPD Districts 3,6 460.350

MFD Dispatch 154.385

Milwaukee Sheriff 453.225

Mitchell Field Tower 119.100

Those are just a few of the ones I monitor. You might check out some of the local BBS's in the Milwaukee area. I think Exec-PC has some freq files worth perusing.

Pete Fanning
Internet: fanningp@music.lib.matc.edu
* RM 1.3 01722 * --T-A+G-L-I+N-E--+M-E-A+S-U-R+I-N-G+--G-A+U-G-E--

2963. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-23 02:36:57 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Apr22.193657.4006@cmkrnl>
Source record: 275264

In article <1994Apr22.124740.2261@hnrc.tufts.edu>, jerry@hnrc.tufts.edu (Jerry Dallal) writes:
> In article <1994Apr22.012040.3998@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>> In article <2p29kd$c9g@dancer.cc.bellcore.com>, whs70@dancer.cc.bellcore.com (sohl,william h) writes:
>>> Amen to that. If, the new crop of scanners does prove to be
>>> unmodifiable, then you'll see a bunch of tech articles on
>>> how to build a broadband downverter.
>>
>> Either that, or ... if the RF circuitry can handle the locked-out range, ie if
>> the limitations are strictly in the programming, a lot of other possibilities
>> come to mind. If the programming is in a PROM, this of course can be changed.
>>
>
> Correct me if I'm wrong . . .
>
> After April 26, not only will it be illegal to import or manufacture scanners
> (being interpreted my the manufacturers to *include* transceivers) that receive
> the forbidden frequencies, but it will be illegal to build your own.

So, what's your point?

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

2964. Re: INMARSAT (legalities of monitoring it?) was re: INMARSAT

Newsgroup: rec.radio.scanner
Date: 1994-04-23 03:19:04 UTC
From: emd@ham.almanac.bc.ca
Message-ID: <HqT8kc1w165w@ham.almanac.bc.ca>
Source record: 275087
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

crisp@netcom.com (Richard Crisp) writes:

> In article <anton.766613451@sfu.ca> anton@fraser.sfu.ca (Tricia Anton) writes
> >Lee I read your post with interest and tried to e-mail back but it bounced
> >I'd be most interested in hearing about your receiver, antenna, etc that you
> >use to pull in INMARSAT signals and what your experience has been in what yo
> >hear on that bird. I'm quite interested in trying to monitor this bird and
> >I'm looking at what options (preferably cheap) I can use. Down East Microwa
> >has a loop yagi and pre-amp for 1536 mhz and I'm looking for a downconvertee
> >as teh cost of an ICOM R7100 might include a divorce lawyer. I'd appreciate
> >e-mail me at anton@fraser.sfu.ca, post again with a phone number or call me
> >604-755-3447(days) 604-758-3038(evenings) Pacific standard. I'm hoping to
> >try pulling in some military comm sats today if the PRO2004, pre-amp, and
> >antenna come together and I point in the right direction. Hope to hear from
> >you (or any other INMARSAT afficionados)
> >
> >Chris Anton
> >
>
> While I am not a lawyer, I believe it is just as illegal to monitor INMARSAT
> as it is to monitor cellular. Reading the penalties in the ECPA, it appears
> the penalties for monitoring cellular are *reduced* in comparison to the
> penalties for monitoring other services where you are not the intended
> recipient. It may be worth reading Title 18USC section 2511 if you
> would like the straight scoop.
>

Please note the address of the previous poster to you, Richard. sfu.ca is
Simon Fraser University in Vancouver, B.C. Canada. We're not subject to
the ECPA or other U.S. regulations.

In any case, I've never heard of a single prosecution in Canada for
listening to anything. Reporting the content or using it may be a
different matter, however.

emd@ham.alamanac.bc.ca Robert Smits, Ladysmith B.C.

2965. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-23 03:40:48 UTC
From: fiedler@netcom.com
Message-ID: <fiedlerCop0w0.Lt6@netcom.com>
Source record: 275265
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

rats@cbnewsc.cb.att.com (Morris the Cat) writes:

>If you haven't seen "Schindler's List" yet, I suggest you do. There's
>a scene in there where an "intellectual," a civil engineer, objects to
>some particular aspect of the construction of a building. Yes, Mr.
>Engineer is quite proud of his intellect in telling his Nazi captors
>that they are incorrectly constructing a building. The Nazi captors
>shoot him, and then adopt his engineering change to the building.

Her.
--
David Fiedler UUCP:infopro!david Internet:david@infopro.com or david@ost.com
USMail:InfoPro Systems, PO Box 220 Rescue CA 95672 Phone:916/677-5870 FAX:-5873
"Spice are the variety of life."

2966. Re: LoJack Freqs ???

Newsgroup: rec.radio.scanner
Date: 1994-04-23 03:51:01 UTC
From: scan911@aol.com
Message-ID: <2pa5v5$qi6@search01.news.aol.com>
Source record: 275266

In article <6012@tdbunews.teradata.COM>, wps@ElSegundoCA.NCR.COM (Bill Starkgraf) writes:

nope....wrong Lojack. The one you have there is Lo Jac and probably is a construction firm being an industrial radio service license. Lojack was successful in stealing 173.075 MHz nationwide from the FBI. 73, Chuck
scan911@aol.com

2967. Scanner Wanted....

Newsgroup: rec.radio.scanner
Date: 1994-04-23 04:57:02 UTC
From: terupe@waikato.ac.nz
Message-ID: <1994Apr23.165702.27928@waikato.ac.nz>
Source record: 275268

Hello All,
Could someone please tell me where I could purchase a cheap
good Scanner, possibly and preferably New Zealand.
If not in NZ never to mind a cheap one else where would do.
possibly in the market for $NZ $300, which is I think about
$160 USA dollars. So if anyone could tell me I could purchase a cheap one,
I would very much appreciate it.

2968. Scanner info wanted...

Newsgroup: rec.radio.scanner
Date: 1994-04-23 04:58:23 UTC
From: terupe@waikato.ac.nz
Message-ID: <1994Apr23.165823.27929@waikato.ac.nz>
Source record: 275269

Seeing that I am about to purchase a Scanner is there
a FTP site for info on scanners, and Frequencies of
Cell phones, and police etc.
Ta.

2969. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-23 05:08:02 UTC
From: sirjeeves@aol.com
Message-ID: <2paafi$rdh@search01.news.aol.com>
Source record: 275270

In article <1994Apr21.234121.22993@ohsu.edu>, holmanji@ohsu.edu (Jim Holman) writes:

>What bothers me in this case is that an individual, whom we expect to
>act as a fellow hobbyist, is acting like a profit-making company.
>If the individual in question desires to make an income by lightly
>fleecing his fellow-hobbyists for soon-to-be-contraband items, well,
>I guess that tells us what kind of relationship he wants to have with
>the rest of us.

Just FYI...I spoke with the FCC today regarding importing non-FCC certified equipment by individuals. I was surprised to find out that it is illegal for one to re-sell non-FCC certified devices, whether a company or an individual. One can import these devices for personal use, and that is it. I guess it gets to the same thing a ticket scalping. I will sell you this pencil for $600, and give you this radio for free....Hmmm. I am going to obtain a copy of the FCC codes just to confirm this and see exactly how it is written.

-Mike

2970. Antenna help

Newsgroup: rec.radio.scanner
Date: 1994-04-23 05:17:17 UTC
From: tillek@wings.micro.umn.edu
Message-ID: <Cop572.MIG@news.cis.umn.edu>
Source record: 275271

I was given an antenna that is supposed to be able to work with my scanner.
I dont know the brand name, but it is about 12 feet long, and has about
1 1/2 foot attachments on it. It looks something like this:

```
\ /
\ /
---------------o----------------
/ | \
/ | \
|
```

Anyone know the type, frequencies, or anything usefull?

It has a regular screw in coax connector.

-Keith

2971. Got my first scanner

Newsgroup: rec.radio.scanner
Date: 1994-04-23 05:35:57 UTC
From: hayden@krypton.mankato.msus.edu
Message-ID: <1994Apr23.003557.4968@vax1.mankato.msus.edu>
Source record: 275272

I just wanted to pass along to everyone a quick report.

I'm VERY new to scanning, but have been meaning to get a scanner for quite a few years. Anyways. I finally broke down and decided to spend the cash.

After taking a look at the high-end hand-helds, it came down to either thr PRO-43 or the Bearcat 2500XLT. I decided to get the bearcat, dispite the review someone mailed me that pointed out intermod problems. I don't live in a big city, so there is very little traffic here.

Anyways, I mail-ordered the scanner from Communications Electronics Inc. for a price of $329 (there was a $25 coupon in in the last edition of PC). It arrived in less than a week.

I had a list of frequencies that a local radio buff had given me for the local police, and without having to even read a manual I was able to punch them in and get the unit scanning. First report, a three-car hit-n-run.

I'm really quite happy with the scanner. It seems well made and has oodles of features to meet almost any need. With 400 channels (20 banks of 20), I shoudl have more than enough playing room. I won't list the individual features of the unit as that has been done previous.

I will, though, point out a couple of small complaints that I have. Most of these are more questions of ergonomics than anything.

1) When you lock the keyboard out, you can no longer utilize the light. It'd be nice to be able to lock out the keyboard but still turn it on, since fumbling in the dark you are sure to mess something up with an unlocked keyboard.

2) There is no way to go directly to a channel or bank. Either you have to page up/down with a button or use the rotary knob. it'd be nice to be able to at least designate a bank to go directly to and then you could fine-tune with button or knob.

3) The 'leather-like" carrying case is REALLY cheap. One good jolt while it is hanging on your belt and it seems like it'd be torn apart. I don't know if there is a 3rd party manufacturer of a better case, but the stock one really is flimzy.

4) When in scan mode, the word 'SCAN' scrolls across the face. Maybe it's just me, but I wanna see numbers flashing! No biggie, just something that bothered me :-)

5) Black LED is hard to read. I'd like to have that florescent
green on black for a display. Then there'd be no need for a light
either. You know the colour I mean, you've seen it on construction signs
and the like. It can be seen equally well in both light and dark.

Anyways, dispite the above, it's a good unit and I'm happy with it. As
this is the first hand-held I've owned, and the first of this
high-quality, I don't have much of a comparison with other brands and
models out there, but for what I have seen, this is a good unit.

--
____ Robert A. Hayden <=> hayden@krypton.mankato.msus.edu
\ /__ -=-=-=-=- <=> -=-=-=-=-
\/ / Finger for Geek Code Info <=> Political Correctness is
\/ Finger for PGP 2.3a Public Key <=> P.C. for "Thought Police"
-=-=-=-=-=-=-=-
(GEEK CODE 1.0.1) GAT d- -p+(---) c++(++++) l++ u++ e+/* m++(*)@ s-/++
n-(---) h+(*) f+ g+ w++ t++ r++ y+(*)

2972. What about new Pro 51 from Radio Shack?

Newsgroup: rec.radio.scanner
Date: 1994-04-23 05:47:42 UTC
From: "Scudder, James" <AE85@ACADEMIC.NEMOSTATE.EDU>
Message-ID: <22APR94.25698767.0037@ACADEMIC.NEMOSTATE.EDU>
Source record: 275273

I just saw a new Pro 51 in Radio Shack today. Is it supposed to
be the non-800mhz restoreable replacement for the Pro 43, or will
the Pro 43 stay around in modified form? The price on the Pro 51
was somewhat less than the Pro 43, but the clutzy sales guy couln't
find any specs on the Pro 51 so I could not compare features.

| |
| James Scudder "What's a HAM anyway?" |
| WB0RPS |
| ae85%nemomus.bitnet@academic.nemostate.edu |
| |

2973. road trip! TX -> CA - NM, AZ, NV, CA freqs?

Newsgroup: rec.radio.scanner
Date: 1994-04-23 09:03:01 UTC
From: fontenot@actlab.rtf.utexas.edu
Message-ID: <2pao85$mnl@geraldo.cc.utexas.edu>
Source record: 275274

hello,

I am driving from Texas to San Francisco soon. I am going through New Mexico, Arizona, and Nevada on the way. I have a few questions:

1) Are there any laws in these states which I should know about? I have a Pro-43.

2) Anyone got any interesting frequencies? I would especially like to hear about freqs for Las Vegas (yes, I know I should probably not take my scanner into a casino).

3) How does one keep one's non-scanner-listening girlfriend from killing them in the first 100 miles? ;-)

Thank you for you time,

Dwayne Fontenot

2974. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-23 09:50:30 UTC
From: wier@merlin.etsu.edu
Message-ID: <wier-230494035030@csci-wiermac.etsu.edu>
Source record: 275125

In article <2paafi$rdh@search01.news.aol.com>, sirjeeves@aol.com (Sir Jeeves) wrote:

> Just FYI...I spoke with the FCC today regarding importing non-FCC certified
> equipment by individuals. I was surprised to find out that it is illegal for
> one to re-sell non-FCC certified devices, whether a company or an individual.
> One can import these devices for personal use, and that is it. I guess it gets
> to the same thing a ticket scalping. I will sell you this pencil for $600, and
> give you this radio for free....Hmmm. I am going to obtain a copy of the FCC
> codes just to confirm this and see exactly how it is written.
>
> -Mike

Kind of reminds me of fireworks - most of the stands you see now have a "buy one - get one FREE" offer. I've never found out why they do this. I figure it must be either a) to avoid paying sales tax on 1/2 of the sales or b) to get around some kind of law regarding selling explosives. Anyone know?

Please e-mail since this isn't really rec.radio.scanners...

THANKS

======== insert usual disclaimers here ============
Bob Wier, East Texas State U., Commerce, Texas
keeper of the Adobe Photoshop, MC68HC11, ICOM mailing lists
wier@merlin.etsu.edu (watch for address change)

2975. Re: Antenna help

Newsgroup: rec.radio.scanner
Date: 1994-04-23 10:12:51 UTC
From: hcorn@virtcity.demon.co.uk
Message-ID: <767095971snz@virtcity.demon.co.uk>
Source record: 275126

Scanner Antenna:

The limitations of drawing with ASCII characters may have been too great, but I think you have a discone. If so, it is broadband - which is why it is such good news for scanners; most antennas are single-band. The exact coverage depends on the length of the various elements and the angle of the elements to eachother.

--
Peter Sommer G8PRR >||
at the Virtual City
London N4 4SR United Kingdom
Other e-mail: hcorn@cix.compulink.co.uk CompusServe: 100012,2610

2976. Re: PRO2006 ON SALE SOON IN N.S. CANADA

Newsgroup: rec.radio.scanner
Date: 1994-04-23 11:18:47 UTC
From: mtiernan@world.std.com
Message-ID: <CopM3C.HMD@world.std.com>
Source record: 275127

<rling@cad3.uccb.ns.ca> wrote:
> If anybody in Nova Scotia is reading this, please note!!
> The pro2006 scanner is going on sale soon.
> reg price--539.95 can
> sale price-399.95 can
What's the CAN/US exchange rate now? What's the sale price work
out to in US$?
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

2977. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-23 11:22:29 UTC
From: pfc@ripco.com
Message-ID: <CopM9H.EAF@rci.ripco.com>
Source record: 275128

Wouldn't ex-post facto laws come into play?

--
"I'd rather have a bottle in front of me than a ---Paul Frank Covello
- frontal lobotomy!" * E-MAIL: pfc@ripco.com * INTERNET: pfc@rci.ripco.com *
---
* GOPHER: gopher.ripco.com * TALK: pfc@foley.ripco.com * FTP: ftp.ripco.com *

2978. Re: Bearcat 142XL Questions

Newsgroup: rec.radio.scanner
Date: 1994-04-23 12:56:36 UTC
From: dhughes@prairienet.org
Message-ID: <2pb5u4$9nd@vixen.cso.uiuc.edu>
Source record: 275129

In a previous article, U086236@adpdp2.lanl.gov (U086236) says:

>Someone wants to sell me a Bearcat 142XL.
> 1. What features does it have?
> 2. What is the frequency range?
> 3. What's it worth?
> 4. It it worth picking up? I have three RS scanners now.
> 5. Can it be modified (Cel phone freqs)?
>
This radio has 10 scan channels plus weather search. 29-54, 136-174,
and 406-412. Scan delay, one priority, channel lockout. No cellular, no
aircraft. Sells new for $69.95. For an extra 20 bucks you can get the
172, which scans 20 channels including aircraft.
--

2979. Re: INMARSAT (legalities of monitoring it?) was re: INMARSAT

Newsgroup: rec.radio.scanner
Date: 1994-04-23 13:39:51 UTC
From: crisp@netcom.com
Message-ID: <crispCopsMG.Bn2@netcom.com>
Source record: 275130
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <HqT8kc1w165w@ham.almanac.bc.ca> emd@ham.almanac.bc.ca writes:
>crisp@netcom.com (Richard Crisp) writes:
>Please note the address of the previous poster to you, Richard. sfu.ca is
>Simon Fraser University in Vancouver, B.C. Canada. We're not subject to
>the ECPA or other U.S. regulations.
>
>In any case, I've never heard of a single prosecution in Canada for
>listening to anything. Reporting the content or using it may be a
>different matter, however.

You are right, and I should have noticed. There are a lot of us Yanks
that are monitoring Inmarsat and the interest has picked up immensely
after Montitoring Slime ran a two part series recently on Inmarsat.

Trouble is that when something like that comes up, it usually catches
the attention of the legislatures and hastens the onslaught of further
restrictive legislation. It is too bad that Grove et al has to hasten
the demise of the hobby they make their livlihood from. There are
a lot of interesting things in the air that no-one is talking about
and as far as I am concerned, it is better that way.

At Dayton, usually a group of us get together to talk about the untalkable.
That's the way to do it, and it is more fun that way too as it stays more
"under wraps".
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2980. Two Way Radios

Newsgroup: rec.radio.scanner
Date: 1994-04-23 14:00:54 UTC
From: jkwiatkowski@attmail.com
Message-ID: <9404231400.AA08236@cs.utexas.edu>
Source record: 275131

If anyone has any two way radios on 154.570 or on any GMRS frequecies that they wish to sell,please contact me at my e-mail address above.I know this isn't necessarily the correct list for this,but thought I'd mention it anyway.
Also,I am trying to locate local frequencies that are used by a local Police Department but I find that they have some that don't seem to be published anywhere.how can I obtain that information??
John

2981. Sacramento CA Freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-23 15:21:03 UTC
From: strech1@aol.com
Message-ID: <2pbecv$573@search01.news.aol.com>
Source record: 275132

Known Sacramento Frequencys for Scanner Use
all freqs in megahertz
CHP
North (gold) South (black)
mobil 42.20 42.70
base 42.12 42.46
Statewide Tactical 42.34 base and 42.18 mobil
State Lawnet 155.070
OES 146.310

Sacto.County Sheriff SOME POLICE CODES
ch1 north patrol 453.900 187-homicide
ch2 records/tactical 453.250 192-manslaughter
ch3 south patrol 453.575 207-kidnap
ch4 long range tactical 453.675 211-armed robbery
ch5 short range tactical 453.475 217-attempt murder
data 453.625 240-assault
242-battery
Sacto City Police 243-assault on officer
downtown patrol 460.050 245-assault deadly weapon
south patrol 460.200 261-rape
east patrol 460.325 273A-child neglect
north patrol 460.475 278-child stealing
- More (Y)/N/NS? ns
records/tactical 460.425 288-lewd conduct
emergency 460.275 314-indecent exposure
new 800mhz-811.7125 812.7125 856.7125 415-disturbance(fight)
417-man with gun
Sacto City Fire 447-arson
ch7 154.190 459-burglary
ch5 154.235 470-forgery
ch8 154.280 480-felony hit and run
ch4 154.295 487-grand theft
ch9 154.325 488-theft
ch6 154.385 23152-drunk driver
ch3 155.880 10851-stolen vehicle
Metro Airport 458.050
20001-hit and run injuries
Sutter County Fire 154.250 20002-hit and run no injuries
Yolo County Fire 154.445 901-auto accident
Yolo County Sheriff 154.800 911-bomb
917-suspiciuos vehicle
Sacto. County Fire 922-drunk
main 154.190 924-enroute the station

mutual aide 154.280 927-suspicious person
tac4 154.325 940-meet an officer(s)
tac5 154.430 996A-unexploded bomb
999-officer needs help
Mednets 10-1 received poorly
5.....463.100 10-2 received clearly
4.....463.075 10-4 acknowledged
10-7 off the air (break)
Foothill Ambulance 155.295 10-9 repeat
Cordova Ambulance 155.160 10-8 in service
Superior Ambulance 155.265 10-20 location
10-21 telephone
News Media 10-33 emergency traffic
KGNR Airwatch 161.730 and 455.800
KCRA (3) 450.550
KXTV (10) 450.650

Weather
Sacto. 162.400
S.F. 162.550

Mobile telephone (vhf) 152.510

Aeronautical
Sacto. Metro Tower (main landing and approach) 125.700
Oakland Center High Altitude Control (after above freq.) 127.950
(above 2 freqs allow following large airliners in and out of metro airport)
McClellan Tower 124.600 and 369.200
McClellan Ground Control 225.400
USCG McClellan 169.250
Beale Tower 276.150
Mather Tower 120.650 and 348.400
Mather SAC primary- 311.000 secondary-321.000
Flight Service Centers 122.000 and 255.400
Inflight Emergencys 121.500 and 243.000
United Airlines 129.500

Sacto Metro Approach Control
NW-124.500/271.300
NE 119.100/340.900
SW 125.250/257.900
SE 127.400/285.600

Utilities
SMUD 153.410
PG&E 153.590
CALTRANS 45.160

New 800 Mhz frequencys (user inputs requested!)
Sacto County
858.7125
859.7125

860.7125
Sacto City
811.7125
812.7125
856.7125
857.7125

813.950...unknown
880.000-885.000 cellular mobile telephone repeaters (info only)

Maritime
USCG Ch 16 emergency 156.800 (outside antenna required in Sacto)
USCG ch 22 auxillary 157.100
ship to ship ch 77 156.875
intership ch 6 156.30
bridge to bridge 1 watt ch 13 156.600
fishing 156.425/156.525

Codes
code 2 - respond immediately
code 3 - use lights and siren
code 4 - situation under control
code 5 - stake out
code 6 - investigation
code 6 - car wash
code 7 - meal break
code 33 - emergency
code 900 - dire emergency

Above Courtesy of Amigaexpress scanner users group.
Frequencys will be updated as available.
Contact Amihost in private mail to join this group.

AMIGA EXPRESS BULLETINS
1: Current Member Bulletin
2: Nasa News Monthly
3: Scanner Frequencys
4: Sacto.Amiga.Comp.Club
5: Almanac
6: Other BBS's
7: System Rules
8: About the Amiga Express
A: Another Amiga BBS
B: Telecom Standards
C: Encryption Standards
F: Galactic Empire Instructions
G: World Power Instructions

Selection, L)ist, or E)xit:

Sacramento Frequency Outline
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Sacramento Sheriff
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453.900 Ch 1 North Patrol
453.250 Ch 2 Records
453.575 Ch 3 South Patrol
453.675 Ch 4 Tactical (repeater)
453.475 Ch 5 Tactical (simplex)
453.950 Ch 6 Airport & Jails

Unit Identifiers
----------------
First Digit --- District No.
Second Digit -- Order of entry to district
Third Letter -- Shift
Fourth Digit -- Number of officers in unit

Example: 31D2 "Thirty One David Two"
Fair Oaks District, first car in district that day,
3pm - 1am shift, two man unit.

No. District
------------
1 North Highlands, Rio Linda
2 Foothill, Carmichael
3 Orangevale, Fair Oaks
4 Country Club, Arden
5 Rancho Cordova
6 Florin
7 Delta, Rancho Seco

Shift
-----
A 10pm - 8am
B 6am - 4pm
C 9am - 7pm
D 3pm - 1am
E 6pm - 4am

Star: Helicopter unit Ranger: River & Park patrol
Mounted: Horseback Patrol DA: District Attorney unit

200 - 299: Administrative C1-C6: Complaint operators
400 - 499: Juvenile, Parole S1: Communication supervisor
500 - 599: Detectives P1: Patrol Watch Commander
800 - 899: Tech. Services J1: Main Jail
R1: Records
D1: Detectives

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Sacramento Police
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460.050 Ch 1 Downtown patrol
460.200 Ch 2 South patrol
460.325 Ch 3 East patrol
460.475 Ch 4 North patrol
460.425 Ch 5 Records/Tactical
460.075 Ch 6 Tactical
460.275 Ch 7 Detective
856.712 Data
857.712 Data

California Highway Patrol

County ## Chan Base Mobile
------ -- ---- ---- ------
Statewide Blue 42.34 42.18
Sacramento North 46 Gold 42.12 42.20
Sacramento South 112 Black 42.46 42.70
Amador 94 White 42.56 42.72
Calaveras 49 White 42.56 42.72
Contra Costa 19 Purple 42.40 42.16
ElDorado West 44 Green 42.54 42.24
ElDorado East 13 Gray 42.48 42.68
Placer West 45 Green 42.54 42.24
Placer East 80 Gray 42.48 42.68
San Joaquin 62 White 42.56 42.72
Solano 22 Purple 42.40 42.16
Sutter 43 Brown 42.50 42.82
Yolo 47 Green 42.54 42.24
CHP Academy Brown 42.50 42.82
"TAC" 55mph units Blue 42.34 42.18

CHP Mobile Extenders

154.905 Ch 1 (Extender operation)
154.920 Ch 2 (Interagency operation)

The mobile extender system allows the officer to communicate using a portable radio on his belt. The car radio repeats to and from the portable so the officer will be in touch with the dispatcher at all times. This system operates at a 1/4 watt and is limited in range.

MEDNET repeaters

Hospital Call Dial MEDNETS
-------- ---- ---- -------
Sac. County control KGR347 9-5-3-1-7-4
American River KQY810 #4420 5-1-7-3
Auburn Faith 2-6-7-8
Community KSZ245 #4424 5-3-1-7

Davis Community #4065 1-7-3-5
Kaiser KRB367 #4414 5-3-1-7
Marshall (Placerville) 6-2-4-8
Mather AFB #4440 4-7-3-5
Mercy General KDB447 #4418 3-7-5-1
Mercy San Juan KJB861 #4410 4-5-7-3
Methodist KVZ679 #4412 7-5-1
Roseville KRM770 #4033 4-5-7-3
Sacramento Med. Center KGR348 #4407 3-4-1-7
Student Health UCD #4066 1-7-3-5
Sutter General KDB445 #4422 5-1-7
Sutter Memorial KDB446 #4416 3-5-1-7
Twin Lakes (Folsom) #4422 4-5-3-7
Woodland Memorial #4063 1-7-3-5
Yolo General #4061 1-7-3-5

155.340 Blue Mednet
463.000 Med 1 Yolo
463.025 Med 2 Placer
463.050 Med 3 Sacramento
463.075 Med 4 Placer, Sierra
463.100 Med 5 Sacramento
463.125 Med 6 Yuba, Placer, Ed Dorado
463.150 Med 7 Sacramento, Yolo
463.175 Med 8 Nevada, Sierra
462.950 Med 9 Sacramento (County Control)
462.975 Med 10

Media

450.550 KCRA TV Ch.3 News
450.112 KCRA TV Ch.3 Eng
153.960 KCRA TV Ch.3 Production
450.100 KCRA TV Ch.3 Eng
450.587 KVIE TV Ch.6
450.650 KXTV TV Ch.10 News
450.387 KXTV TV Ch.10 Eng
450.150 KXTV TV Ch.10 News
450.450 KOVR TV Ch.13 News
450.612 KOVR TV Ch.13 Eng
450.575 KOVR TV Ch.13 News
450.600 KOVR TV Ch.13 News
450.125 KRBK TV Ch.31
450.250 KTXL TV Ch.40
450.800 KFBK Radio 1530
455.925 KFBK Radio 1530
450.925 KFBK Radio 1530
450.850 KFIA Radio 710
161.730 KGNR Radio 1320 Airwatch

450.312 KGNR Radio 1320 Rptr
450.700 KGNR Radio 1320 Remote Pickup
455.700 KGNR Radio 1320 Cue
161.640 KRAK Radio 1140
450.050 KRAK Radio 1140
450.150 KRAK Radio 1140
450.350 KROY Radio 96.9
455.980 KROY Radio 96.9
450.075 KROY Radio 96.9

2982. Reno-Tahoe Freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-23 15:26:03 UTC
From: strech1@aol.com
Message-ID: <2pbemb$599@search01.news.aol.com>
Source record: 275133

RENO/TAHOE AREA FREQUENCY GUIDE

FREQUENCY	AGENCY
39.3400	NEVADA COUNTY SHERIFF DISPATCH
39.6800	PLACER COUNTY SHERIFF PRIMARY
42.5000	NEVADA HIGHWAY PATROL-F2
42.5600	NEVADA HIGHWAY PATROL-F7
42.5800	NEVADA GAMING CONTROL
42.5000	NEVADA HIGHWAY PATROL-F6
42.7000	NEVADA HIGHWAY PATROL-F3
42.7400	NEVADA HIGHWAY PATROL-F5
42.7800	NEVADA HIGHWAY PATROL, RURAL
42.8000	NEVADA HIGHWAY PATROL-F8
42.8800	NEVADA HIGHWAY PATROL-F4 RENO
42.9400	NEVADA HIGHWAY PATROL-F1 RURAL
45.1000	EL DORADO COUNTY SHERIFF SECONDARY
45.3000	EL DORADO COUNTY SHERIFF PRIMARY
46.3600	NEVADA COUNTY FIRE
117.9000	CANNON ATIS
118.1000	STEAD-RENO AIR RACES
118.4000	SOUTH TAHOE TOWER
118.5000	STEAD-RENO AIR RACES
118.7000	CANNON TOWER
119.2000	CANNON APPROACH DEPARTURE
120.8000	CANNON APPROACH/DEPARTURE
121.9000	CANNON GROUND
121.9000	SOUTH TAHOE GROUND
122.2000	CANNON FSS
122.3500	CANNON FSS
122.5000	CANNON FSS
122.8000	STEAD UNICOM
122.9500	CANNON ATIS
123.1000	CIVIL AIR PATROL
124.9000	CANNON CLEARANCE DELIVERY
125.8000	CANNON ATIS
126.3000	CANNON APPROACH/DEPARTURE
126.3000	STEAD APPROACH/DEPARTURE
127.9500	SOUTH TAHOE APP/DEPR
128.8000	CANNON-OAKLAND CENTER
128.8000	SOUTH TAHOE APP/DPRT
134.4500	CANNON-OAKLAND CENTER
151.3400	NEVADA STATE PARKS
151.4750	NEVADA DIV OF WILDLIFE

151.6250 RENO AIR RACES
151.7500 RENO AIR RACES
151.7750 EL DORADO CASINO
151.8050 HARRAH'S
151.9250 RENO AIR RACES
152.3600 RENO AIR RACES
153.9500 S. TAHOE FIRE, DISPATCH
154.0100 PLACER COUNTY FIRE
154.1150 SPARKS POLICE
154.1450 CARSON CITY FIRE
154.1750 CARSON CITY FIRE
154.2350 N. TAHOE FIRE DISPATCH
154.2650 FIRE CHIEF NET
154.2800 FIRE CHIEF NET
154.2800 S.TAHOE FIRE, SECONDARY
154.2950 FIRE CHIEF NET
154.3400 EL DORADO COUNTY FIRE
154.4000 PLACER COUNTY FIRE
154.4300 CARSON CITY FIRE, PRIMARY
154.5150 RAMADA INN
154.5400 SANDS MOTOR INN
154.5700 FITZGERALD'S
154.6250 CARDA HOTELS
154.6250 RAMADA INN
154.6500 S. TAHOE POLICE, SECONDARY
154.7250 WASHOE COUNTY SHERIFF
154.7400 DOUGLAS COUNTY SHERIFF DISPATCH
154.8450 EL DORADO COUNTY SHERIFF EXTENDERS
154.8900 DOUGLAS COUNTY SHERIFF
154.9200 S. TAHOE POLICE, CLEMARS
154.9500 WASHOE COUNTY SHERIFF
155.0100 WASHOE COUNTY SHERIFF DETECTIVE
155.0250 DOUGLAS COUNTY FIRE
155.1300 SPARKS POLICE DISPATCH
155.1450 NEVADA EMS, RURAL MEDICAL
155.1750 PLACER COUNTY SHERIFF EXTENDERS
155.2050 SEARCH & RESCUE TEAMS
155.3100 WASHOE COUNTY SHERIFF DISPATCH, TAHOE
155.3700 WASHOE COUNTY DA
155.4300 JUVINILE AUTHORITIES
155.5200 CARSON CITY SHERIFF
155.5200 WASHOE COUNTY SHERRIF DISPATCH,RENO
155.5350 CARSON CITY SHERIFF
155.6850 CARSON CITY SHERIFF
155.8500 SPARKS POLICE, CAR TO CAR
155.9400 RENO LOCAL GVT
155.9700 CARSON CITY SHERIFF DISPATCH
155.9850 WASHOE COUNTY SHERIFF, CAR TO CAR
156.0300 S. TAHOE POLICE DISPATCH
158.7450 TRUCKEE MEADOWS FIRE DISPATCH

158.7750 SPARKS FIRE
158.8950 NEVADA DIV OF FORESTRY
158.9400 TRUCKEE MEADOWS FIRE SOUTH NET
158.9950 NEVADA DIV OF FORESTRY
159.2700 NEVAD DI OF FORESTRY
159.3450 NEVAD DIV OF FORESTRY
159.8800 TRUCKEE MEADOWS FIRE NORTH NET
171.5750 USFS LAKE TAHOE BASIN MGMT
172.3750 USFS LAKE TAHOE BASIN MGMT
453.0500 RENO FIRE, FIREGROUND
453.1000 WASHOE COUNTY GVT
453.2500 RENO FIRE
453.3000 NEVADA GAMING CONTROL
453.3500 RENO POLICE, AIRPORT
453.4000 RENO POLICE, DETECTIVES
453.4500 RENO FIRE, AIRPORT
453.5000 RENO AIRPORT POLICE
453.5500 RENO POLICE
453.5750 RENO POLICE-CAR TO CAR
453.6000 RENO POLICE, RECORDS-INVESTIGATION
453.6500 RENO POLICE DISPATCH, NORTH-DOWNTOWN
453.7000 RENO POLICE, DISPATCH-SOUTH
453.7500 RENO FIRE, PRIMARY
453.8125 RENO AIRPORT OPERATIONS
460.0500 WASHOE COUNTY JAIL
460.0750 RENO POLICE, TACTICAL
460.2000 WAQSHOE COUNTY SHERIFF
460.2125 EL DORADO COUNTY SHERIFF
460.6375 N. TAHOE FIRE
461.1250 CIRCUS CIRCUS
461.2250 BALLY'S
461.3000 PLAZA HOTEL
461.3250 PEPPERMILL INN
461.7000 HILTON
461.8500 HILTON
461.8500 SAHARA
461.9000 CIRCUS CIRCUS
461.9250 BALLY'S
462.1750 COMSTOCK
462.7500 EL DORADO
462.7750 HILTON
462.8000 HOLIDAY INN
462.8250 BALLY'S
462.8750 HAROLD'S CLUB
462.9500 MT PLUTO
462.9750 REMSA/CAREFLIGHT DISPATCH
463.1250 MT PLUTO-NORTH TAHOE
463.1500 HORIZON HOTEL-SOUTH TAHOE
463.1750 RENO SCOUT PEAK
463.2500 CIRCUS CIRCUS

463.2500 HARVEY'S
463.3000 CIRCUS CIRCUS
463.5750 CIRCUS CIRCUS
463.6750 CASINO SERVICES
463.7000 RENO HOUSING AUTHORITY
463.7250 CHEERS HOTEL
463??250 EL DORADO
463.9250 HARRAH'S
463.9750 PIONEER
464.0500 RENO SPA
464.1250 SUNDOWNER
464.2000 FITZGERALD'S
464.3750 HOLIDAY INN
464.5250 PEPPERMILL INN
464.5750 BALLY'S
464.6250 HILTON
464.8500 EL DORADO
464.8500 SAHARA
464.8750 HARRAH'S
464.9250 ONSLOW HOTEL
855.8125 HORSESHOE
857.9125 DOLD DUST INN
859.9125 BALLY'S
859.9375 CALIF STATE PARKS

2983. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-23 15:27:07 UTC
From: crisp@netcom.com
Message-ID: <crispCopxL7.K1w@netcom.com>
Source record: 275134
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

In article <2paafi$rdh@search01.news.aol.com> sirjeeves@aol.com (Sir Jeeves) writes:
>Just FYI...I spoke with the FCC today regarding importing non-FCC certified
>equipment by individuals. I was surprised to find out that it is illegal for
>one to re-sell non-FCC certified devices, whether a company or an individual.
>One can import these devices for personal use, and that is it. I guess it gets
>to the same thing a ticket scalping. I will sell you this pencil for $600, and
>give you this radio for free....Hmmm. I am going to obtain a copy of the FCC
>codes just to confirm this and see exactly how it is written.
>
>-Mike

FYI, all offers to sell the last Yupiteru are hereby withdrawn. The importer
has decided to keep it for himself citing the bellyaching by the crybabies
in the net and the FCC issue. You guys have won, we are scum and hereby
apologize to all for our sin of being capitalists.

Hail Comrade!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2984. Monterey CA Freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-23 15:55:04 UTC
From: strech1@aol.com
Message-ID: <2pbgco$5jm@search01.news.aol.com>
Source record: 275135

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AGENCY FREQ OUT FREQ IN
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***BUSINESS***
ASILOMAR 462.8875 467.8875
ASILOMAR 157.6200
ASILOMAR 460.8875 465.8875
ASILOMAR 463.3375
AT&T PEBBLE BEACH 461.3000 466.3000
CARMEL VALLEY COUNTRY CLUB 154.6000
CARMEL VALLEY RANCH 463.5250
DOUBLE TREE INN 464.4250 469.4250
DOUBLE TREE INN 154.6000
HIGHLANDS INN 151.8650
HYATT 151.9550
HYATT 463.4875 468.4875
HYATT 151.8050
HYATT PAGING 154.6250
JIM RUSSEL RACING SCHOOL 466.3625
JIM RUSSEL RACING SCHOOL 862.2625
MONTEREY BEACH HOTEL 464.5250
MONTEREY BAY AQUARIUM 464.8250 469.8250
MONTEREY BAY AQUARIUM 464.9250 469.9250
MONTEREY PLAZA HOTEL 462.0125 467.0125
PEBBLE BEACH LODGE 464.7500 469.7500
PEBBLE BEACH CO 464.4000 469.4000
PEBBLE BEACH CO 153.8000
PEBBLE BEACH CO 464.9750 469.9750
PEBBLE BEACH CO 464.4750 469.4750
PEBBLE BEACH CO GOLF 469.5875
PEBBLE BEACH CO GOLF 469.5625
PEBBLE BEACH CO GOLF 469.5125
PEBBLE BEACH CO GOLF 469.5375
RANCHO CANADA GOLF 463.6625
SHERITON 464.5750 469.5750
SUNSET CENTER, CARMEL 151.8350
***CABS***
CARMEL TAXI-JOE'S 461.3000 466.3000
GOLDEN STATE CAB 152.2700 157.5300
YELLOW CAB 152.3300 157.5900
***COUNTY/PARKS***
LAGUNA SECA HOST OPS 468.6625
LAGUNA SECA HOST OPS 468.7125
LAGUNA SECA HOST OPS 465.7125
LAGUNA SECA MARSHALL OPS 460.8125
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LAGUNA SECA MARSHALL OPS 460.7375 465.7375
LAGUNA SECA MARSHALL OPS 460.7125 465.7125
LAGUNA SECA MED 1 467.9375
LAGUNA SECA MED 2 461.3750 465.6875
LAGUNA SECA MED 3 468.0625
LAGUNA SECA MED 4 461.3750
LAGUNA SECA TRANSPORTATION-CARTS 467.9375
LAGUNA SECA TRANSPORTATION 468.7125
LAGUNA SECA TRANPSORTATION 460.7875
MONTEREY FAIRGROUNDS 453.9500 458.9500
MONTEREY-SALINAS TRANSIT 453.5000 458.5000
PINNACLES NATIONAL MONUMENT 170.0500 169.4000
COPS
ASILOMAR SECURITY 157.6800
CARMEL POLICE 154.7100 155.4300
CHP MONTEREY-BASE(BLACK) 42.4600
CHP MONTEREY-MOBILE(BLACK) 42.7000
CLEMARS (CH 3) 154.9200
DEL REY OAKS PD CH 10 153.9650
DEL REY OAKS POLICE PRIMARY 155.4900
FBI MONTEREY-HUCKLEBERRY HILL 167.4375 163.9625
FISH & GAME AREA 2 151.4300 159.4200
FISH & GAME AREA 1 151.4150 159.4350
FT ORD POLICE CH1, 2 SIMP 141.2250 143.2500
FT ORD POLICE CH3, 4 SIMP 141.3750 143.3750
MARINA PUBLIC SAFETY 158.8350 155.7750
MONTEREY AIRPORT PD/FIRE 155.8050
MONTEREY COUNTY SHERIFF CH6 155.1600
MONTEREY COUNTY PARKS CH1 151.1600
MONTEREY COUNTY PARKS CH2 151.3400
MONTEREY COUNTY SHERIFF CH1 159.0900 155.7300
MONTEREY COUNTY SHERIFF CH2,3 158.9100 155.5950
MONTEREY COUNTY SHERIFF CH4 155.9700
MONTEREY COUNTY SHERIFF CH13 159.2100
MONTEREY PARKING 158.8500
MONTEREY PENN COLLEGE 154.8900
MONTEREY POLICE PRIMARY 155.4900 154.7850
MONTEREY POLICE CH 6 154.8600
NAVY SCHOOL SECURITY 140.7250
PACIFIC GROVE POLICE 155.5350 154.8150
PEBBLE BEACH SECURITY 152.3000
SALINAS POLICE CH 1 PRIMARY 460.1750 465.1750
SALINAS POLICE CH 2 RECORDS 460.0250 465.0250
SALINAS POLICE 460.3000 465.3000
SALINAS POLICE TACTICAL 460.3750
SAND CITY POLICE 155.6850 154.7250
SEASIDE POLICE 155.6850 154.7250
STATE PARKS 855.4875
STATE PARKS, MNTRY-SUR 855.9625 810.9625
FIRE

BIG SUR FIRE 46.0800 46.5000
CDF 1 151.3550 159.3000
CDF 2 151.2650 159.3300
CDF AIR BLUE 151.2800
CDF AIR GREEN 151.2950
CDF AIR TO GROUND 119.9250
CDF AIR VICTOR 122.9250
CDF AIR YELLOW 151.3100
CDF LOCAL MNTRY, SN BNTO 151.2500 159.4050
FIRE BROWN 154.2050
FIRE FT ORD CH3 165.0625
FIRE GOLD-PG/CARMEL,VLY 154.1750
FIRE GREEN-SALINAS 154.2050 154.9950
FIRE GREY/BLUE-MONTERY/SEASIDE 153.8900
FIRE HIGHLANDS & SOUTH 153.9800 154.4000
FIRE ORANGE 154.2350
FIRE RED-MONTEREY COUNTY 154.3700 156.1050
FIRE SILVER 153.8600
FIRE WHITE-1/MUT AID 154.2800
FIRE WHITE-2/MUT AID 154.2650
FIRE WHITE-3/MUT AID 154.2950
FIRE YELLOW-MONTEREY COUNTY 154.3700 156.1050
FT ORD FIRE CH1, 2 SIMP 149.8000 150.4500
LOS PADRES AIR TAC 166.6750
MONTEREY AIRPORT FIRE 155.8050
NAVY SCHOOL FIRE & SECURITY 140.0500
USFS-CDF AIR GUARD 168.6250
MEDICAL
A1 AMBULANCE/SALINAS 155.2050
FT ORD AMBULANCE 407.2250
FT ORD MED CH 1 148.7500 149.7750
FT ORD MED CH 2 148.8000
MED 1, BIG SUR 463.0000 468.0000
MED 2, SALINAS 463.0250 468.0250
MED 6, MONTEREY 463.1250 468.1250
MED 10, MONTEREY 462.9750 467.9750
RAILROADS
ROARING CAMP RAILROAD 151.9250
SOUTHERN PACIFIC RR 160.3200
SOUTHERN PACIFIC RR 161.5500
SOUTHERN PACIFIC RR 160.8900 161.0400
TOWING
CARMEL CHEVERON 157.4700
MATTESON & BEERS TOWING 154.5400
MONTEREY GARAGE 150.9500
MONTEREY GARAGE 157.5000
ORDSIDE TOWING 150.8600
SLIMS TOWING 462.7000 467.7000
WAYSIDE TOWING 150.8150

Stretch, Bay Area Scanner Enthusiasts

2985. Rochester area scannists

Newsgroup: rec.radio.scanner
Date: 1994-04-23 15:56:02 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <767126101.AA09911@rochgte.fidonet.org>
Source record: 275136

A couple of weeks ago I posted a message about starting a scanner notification service in the Rochester, NY area. Only 3 local people expressed any interest. I guess I may have put the cart before the horse, so here is a more basic idea that may be better:

Scanner radio enthusiasts in the Greater Rochester (NY) area are invited to help form a new radio club. Many of us already belong to national or regional scanner groups, but none are able to concentrate as much as we would like on local issues. And none provide the regular face-to-face contact that makes sharing common interests even more enjoyable.

To allow for relatively easy travel to club meetings, as well as serving an area of manageable size with a notification network, I am inviting potential members from the following counties initially:

Monroe, Wayne, Ontario, Livingston, Genesee and Orleans.

If scannists from more distant counties such as Cayuga, Yates, Wyoming or wherever would like to be included, you are most welcome.

Potential benefits of a local scanning club include:

Rapid dissemination of radio system changes.
Group purchase power for scanners and accessories.
A common voice in legislative issues affecting our hobby.
(Did you know that Rochester has an ordinance banning
ALL portable and mobile scanner use without a permit?)
Notification of major incidents when we are away from our scanners.
(More on this in a moment.)
Personal acquaintance with others who share your monitoring
interests and specialties.
Help from more experienced scannists to improve your hobby.

What about this notification thing?

Many communities on the US coasts have notification networks that use either 2-way GMRS radios or alphanumeric pagers to alert members to significant events. Several of these groups share information with each other, so members can optionally receive alerts for newsworthy major incidents in locations far out of their scanners' range.

Most notification networks have dispatchers who monitor scanners and receive telephone tips from members. They relay the information to the rest of the group. Some dispatchers are paid and some are volunteer. Naturally, there is also some expense involved in using a paging service, or in having GMRS equipment. If our local scanning club wants to get involved in notification, we will have to find out what it

would cost and decide whether we want to spend the money on it.

If these ideas sound interesting to you, I will set up an informational meeting where we can decide what directions our new club will take and how it will operate. I need to know how many people to expect so that I can arrange for appropriate space. Please contact me by May 1, 1994.

Here's how to reach me:

By phone during evenings and weekends at (716) 254-1726.
By Internet electronic mail to david.stark@rochgte.fidonet.org
By US Mail to David Stark, 580 Seneca Pkwy, Rochester, NY, 14613-1020
By Fidonet Netmail to 1:2613/333.2

Thanks and 73 de NF2G.

2986. California Scanner Law

Newsgroup: rec.radio.scanner
Date: 1994-04-23 15:57:02 UTC
From: strech1@aol.com
Message-ID: <2pbgge$5k7@search01.news.aol.com>
Source record: 275137

Here is the text of the law pertaining to scanner use in the Golden State:

Section 636.5 Wrongful Interception and Divulgence of Police
Radio Communication.

Any person not authorized by the sender, who intercepts any
police radio service communications, by use of a scanner or other
means, for the purpose of using that communication to assist in the
commission of a criminal offense or to avoid or escape arrest, trial,
conviction, or punishment or who divulges to any person he or she knows
to be a suspect in the commission of any criminal offense, the
existence, contents, substance, purport, effect or meaning of that
communication concerning escape from arrest, trial, conviction, or
punishment is guilty of a misdemeanor.
Nothing in this section shall preclude prosecution of any person
under section 31 or 32.
As used in this section "police radio service communications"
means a communications authorized by the Federal Communications
Commission to be transmitted by a station in the police radio
service. Leg.H. 1976 ch. 1129, 1991 ch. 515.

Stretch, Bay Area Scanner Enthusiasts

2987. Re: Anything comparable or better than Yupiteru MVT-7100?

Newsgroup: rec.radio.scanner
Date: 1994-04-23 17:12:00 UTC
From: sean@sdg.dra.com
Message-ID: <1994Apr23.121200.656@sdg.dra.com>
Source record: 275138

In article <wier-210494134054@csci-wiermac.etsu.edu>, wier@merlin.etsu.edu (Bob Wier) writes:
> I have to jump in here and say that I've exchanged mail with Richard a
> number of times and he seems like a reasonable guy. I think people are
> over-reacting here. In fact I had queried him a few times on doing a
> purchase myself, but always seemed to hit a period where he didn't
> have one. In the meantime, I had a friend go to London to a conference
> and so had them bring one back for me.

It sure sounds like Richard is in the business of importing radios for the purposes of resale.

--
Sean Donelan, Data Research Associates, Inc, St. Louis, MO
Domain: sean@dra.com, Voice: (Work) +1 314-432-1100

2988. Re: Ill scan ban "LAW WORDING"

Newsgroup: rec.radio.scanner
Date: 1994-04-23 17:24:00 UTC
From: sean@sdg.dra.com
Message-ID: <1994Apr23.122400.657@sdg.dra.com>
Source record: 275139

> HB4180
>
> AN ACT to amend the criminal code of 1961 by adding Section 31-9.
>
> Be it enacted by the People of the State of Illinois, represented in the
> General Assembly:
>
> Section 5. The Criminal Code of 1961 ia amended by adding Section 31-9 as
> follows:
>
> (720 ILCS 5/31-9 new)
>
> Sec. 31-9. Poertable scanners.
>
> (a) A person, other than a peace officer, fire offical, other municipal
> employee, agent acting in a officail capacity, or member of the press, shall
^^^^^^^^^^^^^^^^^^^
> not possess a receiver or transceiver capable of monitoring or broadcasting
> police, fire, or other municipal radio frequencies unless the device operates
> exclusively on alternating current power.
>
> (b) Violation of subsection (a) of theis Section is a Class B misdemeanor.

How does Illinois define a "member of the press?" If I send a videotape
to CNN Newshounds or publish things on the Internet, does that make me a
member of the press?

--
Sean Donelan, Data Research Associates, Inc, St. Louis, MO
Domain: sean@dra.com, Voice: (Work) +1 314-432-1100

2989. Re: Batteries LEAKED! Ple

Newsgroup: rec.radio.scanner
Date: 1994-04-23 17:35:00 UTC
From: jack.treger@channel1.com
Message-ID: <40.1808.2433.0NE1988D@channel1.com>
Source record: 275140

```
AD>lease HELP!!!
AD>Message-ID: <2orpa3$c0p@apakabar.cc.columbia.edu>
AD>Newsgroups: rec.radio.scanner,rec.radio.amateur.misc
AD>Organization: Columbia University

AD>I've never cleaned battery acid off electronics before, but from my
AD>chemistry background, I would think something like a solution of
AD>baking soda (sodium bicarbonate) would help neutralize the acid.
AD>But please get a second opinion before trying this.
```

Hey you guys. Batteries do not leak acid. They leak alkali, which can be nuetralized with acid. But don't bother. If you haven't already nuetralized it, then by now, atmospheric CO2 has. What's left? Just some solid potassium carbonate- just brush it off and forget about it. If no electronic damage has been done by now, your OK.

• SLMR 2.1a • POST NO BILLS

2990. Minnesota Freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-23 18:01:04 UTC
From: RSWANSO@auvm.american.edu
Message-ID: <94113.140105RSWANSO@auvm.american.edu>
Source record: 275141

I know in the past people have posted lists to rec.radio.scanner of frequencies that they have compliled. Does anyone please have a list of frequencies for the Minnesota area, especially the Twin Cities. If you don't have a list but you know of some interesting or especially busy frequencies, please send them to me or post it to Netnews. Thank you very much for your assistance!

---Reid Swansonn
E-mail: RSwanso@American.edu

2991. Re: Antenna help

Newsgroup: rec.radio.scanner
Date: 1994-04-23 19:06:47 UTC
From: dseitel@crl.com
Message-ID: <2pbrk7$r0a@crl.crl.com>
Source record: 275142

Keith Dalluhn wrote:

```
: \ /
: \ /
: ---------------o----------------
: / | \
: / | \
: |
```

Looks kinda like Route 50 going across Nevada to me.

Actually, similar (?) to Scantenna in Grove catalog or Channel Master in AES catalog. The Grove one is 7.5 feet high, though. Other one doesn't say. Is this some kind of psychological test?

David Eitelbach

--
"Old people like to give good advice as solace for no longer being able to provide bad examples."
--La Rochefoucauld

2992. Re: LoJack Freqs ???

Newsgroup: rec.radio.scanner
Date: 1994-04-23 20:03:58 UTC
From: carson@siggraph.org
Message-ID: <carson-230494120358@carson.slip.netcom.com>
Source record: 275143

In article <dscdlwx.766248446@gsusgi1.gsu.edu>, dscdlwx@gsusgi2.gsu.edu (Franklin Warlick) wrote:

> I am looking for information on the LoJack car recovery system.

Last week LA Sheriff's helicopter pilot asked for the frequency over the ait to enter into his scanner. (This happened on Aero Bureau Dispatch (ABD).) The dispatcher told him 173.06 was the frequency to program into his scanner. I have not intercepted either this or the other reported frequency (173.075) so I cannot conform them.

2993. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-23 20:05:41 UTC
From: austin@physics.unc.edu
Message-ID: <2pbv2l$qd4@bigblue.oit.unc.edu>
Source record: 275088
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

Yeah, but what if they make you think the water is cold, when its not ?
You'll beg to have the heat turned up.

>As long as I think there's a good reason for turning up the heat,

CRIME INCREASING DRAMATICALLY !! (_not_, its actually going down,but thats
what they feed us)

>and as long as I'm not too close to cooked,

YOU DON"T NEED THESE UNIMPORTANT RIGHTS ANYWAY !! (remember, no one _needs_
a nasty, evil baby killing assault weapon)

>and as long as I'm convinced that there's a limit on how far they'll turn
>it up,
ETC

You make some good points. I'm not going to fall into the trap of arguing
with something I agree with. I don't deny (in fact I assert) that the
extremists on both sides are out to lunch. When they come for my hunting
rifle I'll be standing there elbow to elbow with my neighbors, and mine'll
be loaded (and the shotgun, too).

But when they come for the guns built to kill people, they have my support.
Problem is, often as not that handgun Hank bought for Thelma to protect
herself when he's out of town ends up killing Hank, or one of the kids,
or some poor fellow who wants directions at 9 pm. It's not a real deterrent,
either to crime or to the latest oppressive regime.

I don't think too much of rights when they're only on paper. Show me the
real, tangible effect it has on people. I really don't see great harm in
controlling handguns, assault rifles, etc. I know people who collect them
who might be pissed off (at least until they realize how much it increases
the value of their collection). A few people are deprived of a hobby, and a
few others aren't deprived of their lives. Sounds like a good bargain to me.

I have this a suspicion that where your line of thinking ends up is in wealthy
suburban communities with big security fences and the latest alarm systems,
George cleaning his guns in the workshop for his weekend trip to the game farm
while Deloris does her nails and
outside the gate the less priviledged people live in fear.

If we can reduce crime more cheaply, lets do it. But I hope you've got
something better in mind than building more prisons and not coddling
the criminals.

Yeah, so I exaggerated. Next time I'll be more careful. You're right.
No question about it--
the crime problem is exaggerated (looks like I'm not helping things). We just had a little side show here in NC, where the governor called a special legistlative session on crime, and everybody took the opportunity to get their names in the paper and their faces on TV talking about how awful crime is. Meanwhile a local independent paper investigated the criminal records of the legislators, and found an extraordinarily high rate of felons. Also asked them about their support for the state sodomy law (yeah, we have one). About half a dozen expressed their support for the law, then when asked about their personal habits they all said it was "nun'v yur damn bizness." Go figure.

In any case, I stand by my main point, that it's wrong to equate the extreme with the middle. If I take one step west I'm not in San Francisco.

I found your little "translation" rather dull. Passing my words through an ideological filter doesn't reveal any deeper truth, but it does make them a little easier to understand.

Why to you "conservative" types always act like everybody else is an idiot?

Jim Austin

2994. Re: Wanted: scanner frequencies for Los Angeles area

Newsgroup: rec.radio.scanner
Date: 1994-04-23 20:10:31 UTC
From: carson@siggraph.org
Message-ID: <carson-230494121031@carson.slip.netcom.com>
Source record: 275144

In article <2p0dmh$ock@abyss.West.Sun.COM>, adler@atlas.West.Sun.COM (Bruce Adler [Contractor]) wrote:

> I just got a new toy, a pro2006. Can someone email me or post
> a frequency list for the West Los Angeles area (e.g. LAPD, LAFD, CHP).
>
> adler@west.sun.com

Most of these can be obtained from a variety of books that you can purchase at radio hobby stores.

On the other hand, I have an extensive collection of mostly simplex frequencies used in undercover and surveillance operations by federal state and local agencies in the LA area. I can e-mail or post these if there is any demand.

2995. Re: FireNet

Newsgroup: rec.radio.scanner
Date: 1994-04-23 20:18:51 UTC
From: mpage@netcom.com
Message-ID: <mpageCoqB3G.9Ex@netcom.com>
Source record: 275145
Cross-posted to: rec.radio.scanner,misc.emerg-services,alt.radio.scanner

Bob Esposito (b1y1m39@kato.BELL-ATL.COM) wrote:

: I'm interested in starting a FireNet notification network
: here in the Phila. area. I currently have an alphanumeric
: pager from SkyTel. If anyone else who is on that system is
: interested (anywhere in their coverage area across the US),
: please reply.

: To keep message costs to a minimum, message size would be limited
: to 80 characters. If there's enough interest, notification of
: other major incidents could be included.

: I will summarize to those who respond.

: Thanks,

: Bob Esposito
: Rescue Captain
: Station 44 - Montgomery Co., PA

: --
: ==
: Bob Esposito | Voice/Voice-Mail: (610) 278-2595
: Bell Atlantic Corp. | FAX: (610) 278-2708

: Philadelphia, Pa. | Internet: b1y1m39@kato.bell-atl.com

Bob, I would recommend that you look for members within the Philadelphia area
even though Skytel has U.S. coverage. Each area has their own FireNet-type
system and you CAN NOT cover more than the area you can hear and control. AND
you don't want to interfer with another system!!! Tom FireNet California
--
==
| Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436 | |
|==================================
	MEDIA PAGE
Internet: mpage@netcom.com	Breaking News Stories to
CIS: 71674,1610	the News Media since 1978
==

2996. PRO-32 METER ?

Newsgroup: rec.radio.scanner
Date: 1994-04-23 21:07:12 UTC
From: Pj_Butts@lhaven.UUmh.Ab.Ca
Message-ID: <Pj_Butts.4ysa@lhaven.UUmh.Ab.Ca>
Source record: 275146

I wish to add a signal strength meter to my scanner.
Anyone have any idea's.
I look forward to your reply.thanx.

-- Via DLG Pro v1.0

Preferred: Pj_Butts@LHaven.UUmh.AB.CA
Alternate: Pj.Butts@f3002.n134.z1.fidonet.org

2997. Re: Sacramento CA Freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-23 21:30:11 UTC
From: crisp@netcom.com
Message-ID: <crispCoqEEC.BCJ@netcom.com>
Source record: 275147

Nice list, thanks
rdc

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

2998. Re: Mods for PRO-46?

Newsgroup: rec.radio.scanner
Date: 1994-04-23 21:42:08 UTC
From: strech1@aol.com
Message-ID: <2pc4ng$9gm@search01.news.aol.com>
Source record: 275148

In article <2p662h$htn@sndsu1.sinet.slb.com>,
trask@ASLVX1.SUGAR-LAND.ANADRILL.SLB.COM writes:

Mods For pro 46
RADIO SHACK PRO-46 CELLULAR MOD

Note: This modification will void your scanner's warranty. It is illegal
to monitor cellular telephone conversations.

1) Remove battery pack, antenna and back of radio (4 screws). Push up to
release rear of case.
2) Pry the top board off and out from the lower right corner (there is a
connector between the boards)
3) Unsolder the copper-coated plastic RF shield (don't overdo the heat).
4) Remove two chip jumpers imprinted with a "0" near each other at the
bottom of the board; one is above the other.
5) Between the jumpers and slightly to the left is another set of jumper pads;
solder one of the removed jumpers across them.
6) There is another set of pads below the ones you just jumpered;
connecting a jumper here switches the 30-50 MHz band to 68-88 MHz for
foreign use.
7) Reverse steps 1-3; that's it.

I have an illustrated version of this, it's easier to understand where the
unmarked jumpers and pads are, (and I'm no keyboard artist) Send a request to:
4108@mgs.com

and I'll try and send out a few....

2999. Opinions on AOR1000 or BC2500XLH

Newsgroup: rec.radio.scanner
Date: 1994-04-23 21:45:05 UTC
From: habu@inca.gate.net
Message-ID: <2pc4t1$121h@inca.gate.net>
Source record: 275149

I would appreciate it if any owners of either the AOR1000 or the BC2500XLH could give me there opinions of these radios. I am leaning towards ordering a Pro-43 on Monday and am wondering if I could do better.

Thanks

Mike

3000. Newbie Needs DC/MD Freqs..

Newsgroup: rec.radio.scanner
Date: 1994-04-23 22:38:54 UTC
From: nsadp@access3.digex.net
Message-ID: <2pc81u$125@news1.digex.net>
Source record: 275150

Anyone out there in DC/MD area who knows the "good" freqs for the locals,
I'd appreciate a mail msg listing same. I just got a scanner
and am starting out fresh. Any tips to publications too. Thanks!

-- Paul --

3001. Re: Ill scan ban "LAW WORDING"

Newsgroup: rec.radio.scanner
Date: 1994-04-23 22:52:09 UTC
From: kbarger@cellar.org
Message-ID: <m2B0kc6w164w@cellar.org>
Source record: 275151

zlew14@NAP.AMOCO.COM (LEWALL@AMOCO.COM) writes:

> (a) A person, other than a peace officer, fire offical, other municipal
> employee, agent acting in a officail capacity, or member of the press, shall
> not possess a receiver or transceiver capable of monitoring or broadcasting
> police, fire, or other municipal radio frequencies unless the device operates
> exclusively on alternating current power.

exCUSE me??? I could say lots about this law. (Like what, if any, are the provisions for grandfathering? If they want to ban use of scanners in cars, that's one thing--but how can they ban a battery-powered radio used in your own home? And are they aware of a little gadget, I believe around $100, that will allow you to operate AC-powered devices from you car cigarette lighter?)

But what I really want to know is, what did the "members of the press" do to deserve an exemption? No offense to any journalists reading this, but they are civilians, and not (it seems to me) deserving of any special privileges we mere consumers of the mass media are not entitled to.

--
Kyle Barger
kbarger@cellar.org

3002. Re: Two Way Radios

Newsgroup: rec.radio.scanner
Date: 1994-04-24 01:15:05 UTC
From: vuckovicga@aol.com
Message-ID: <2pch6p$br3@search01.news.aol.com>
Source record: 275152

In article <9404231400.AA08236@cs.utexas.edu>, jkwiatkowski@attmail.com (John Kwiatkowski) writes:

:If anyone has any two way radios on 154.570 or on any GMRS frequecies that
:they wish to sell,please contact me at my e-mail address above.I know this
:isn't necessarily the correct list for this,but thought I'd mention it
:anyway.

I have one Motorola P100 VHF radio... It has both PL and DPL, two channels, belt case, charger and 1 battery. It is in brand new condition...

I'm looking for $250 for it... If you want to bargain, leave me a message.

George

3003. Re: Wanted: scanner frequencies for Los Angeles area

Newsgroup: rec.radio.scanner
Date: 1994-04-24 01:21:37 UTC
From: nelsonf@netcom.com
Message-ID: <nelsonfCoqp41.Hp4@netcom.com>
Source record: 275153

Steve Carson (carson@siggraph.org) wrote:
> In article <2p0dmh$ock@abyss.West.Sun.COM>, adler@atlas.West.Sun.COM (Bruce
> Adler [Contractor]) wrote:

> > I just got a new toy, a pro2006. Can someone email me or post
> > a frequency list for the West Los Angeles area (e.g. LAPD, LAFD, CHP).
> >
> > adler@west.sun.com

> Most of these can be obtained from a variety of books that you can purchase
> at radio hobby stores.

> On the other hand, I have an extensive collection of mostly simplex
> frequencies used in undercover and surveillance operations by federal state
> and local agencies in the LA area. I can e-mail or post these if there is
> any demand.

I would like these frequencies. I also have a file with many calif.
public safety freqs. Its called CALALL.ZIP and its about 500k. I will
upload it or make it available to those who request it.

--

Nelson Fernandez nelsonf@netcom.com

3004. Re: INMARSAT (legalities of monitoring it?) was re: INMARSAT

Newsgroup: rec.radio.scanner
Date: 1994-04-24 01:33:35 UTC
From: gt3441b@prism.gatech.edu
Message-ID: <2pci9f$h7j@acme.gatech.edu>
Source record: 275082
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

emd@ham.almanac.bc.ca writes:

>In any case, I've never heard of a single prosecution in Canada for
>listening to anything. Reporting the content or using it may be a
>different matter, however.

Hmm. Last I heard (2 years ago) "listening" for police radar was
illegal up north - but then so is it in CT, DC, and VA.

-Pete

--
Pete Presti
Georgia Institute of Technology, Atlanta Georgia, 30332
uucp: ...!{decvax,hplabs,ncar,purdue,rutgers}!gatech!prism!gt3441b
Internet: gt3441b@prism.gatech.edu

3005. INMARSAT (legalities of monitoring it?) was re: INMARSAT

Newsgroup: rec.radio.scanner
Date: 1994-04-24 01:43:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <767193511.AA00000@rochgte.fidonet.org>
Source record: 275154

> From: crisp@netcom.com (Richard Crisp)
> Organization: Netcom Online Communications Services (408-241-9760
> login: guest)

> While I am not a lawyer, I believe it is just as illegal to monitor
INMARSAT
> as it is to monitor cellular. Reading the penalties in the ECPA, it

I'm glad you aren't, because it isn't.

3006. Icom R1 filter bandwidth

Newsgroup: rec.radio.scanner
Date: 1994-04-24 02:38:07 UTC
From: jpotts@crl.com
Message-ID: <2pcm2f$bcf@crl2.crl.com>
Source record: 275155

I am interested in improving the selectivity of the Icom R1. I am experienced in soldering surface mount components so I am not worried about working on the radio. I need to know which of the three filters is the cause of the poor performance. It is most likely the 10.7 MHz or the 455KHz filter. Is there a drop in replacement filter that would do the job.

John Potts

jpotts@crl.com

3007. Re: Scanner Buff Data base Shareware

Newsgroup: rec.radio.scanner
Date: 1994-04-24 03:55:16 UTC
From: Jay Levine <jay3475@delphi.com>
Message-ID: <xqzvbJE.jay3475@delphi.com>
Source record: 275156

Hi.

I have a scanner program which I wrote and have had out as shareware for
several years. I think people like it since many have registered.
If you are interested, send me your address and I will send you the sharewae
version.

3008. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-24 05:03:07 UTC
From: mgreeny@uxa.ecn.bgu.edu
Message-ID: <2pcuib$ql8@news.ecn.bgu.edu>
Source record: 275157

I'm totally against this latest attempt by Illinois to control us even
more than they already do -- but realizing that Illinois is the fucked
up state that it is -- politics-wise -- what does it take to be
considered a member of the Press? I've got a laser printer! and could
certainly publish my own newsletter...

sohl,william h (whs70@dancer.cc.bellcore.com) wrote:
: In article <2p5s3b$t2d@usenet.ins.cwru.edu>,
: Eric J. Hess <ah595@cleveland.Freenet.Edu> wrote:
: >
: >In a previous article, wb9omc@constellation.ecn.purdue.edu (Duane P Mantick) says:
: >
: >> You know, I think it would behoove us if someone in a position
: >>to do so would start investigating the creeps that keep trying to
: >>submit this sort of garbage legislation around the country. I
: >>*strongly* have my doubts that it is JUST some alleged public
: >>safety concerns that are driving these things. If I'm right about
: >>that, we need to find out WHAT the driving force is.....
: >>
: > That's a good question. Maybe if we knew WHY he introduced
: >this law we could fight it better!

: Odds are the bill is the result of:
: 1- A request by the State Police and/or one or more of the various
: police associations that exist in the state,
: 2- The legislator's reaction to hearing about a crime that was
: committed where the criminals were using a scanner, or
: 3- Both 1 and 2 above.

: Unfortunately police organizations tend to have the ear and
: leverage with at least several legislators in any governing
: body. Often pthe police want everything their way with no
: regard what-so-ever to individual rights, freedoms, etc.

: Sorry if this sounds extreme, but if you were around when CB radio
: first became the rage, the police would have loved to have them banned
: too.

: Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.
: --
: Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
: Morristown, NJ email via UUCP bcr!cc!whs70
: 201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

--
Microcomputer Support Specialist, Student Residential Programs, WIU,

Macomb, IL 61455 Internet: mgreeny@uxa.ecn.bgu.edu, greeny@srp.wiu.bgu.edu
GEnie: GREENY (once a month, Internet's preferred)
AOL: GREENY1@AOL.COM (really infrequently....use the internet!)

3009. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-24 05:08:03 UTC
From: scan911@aol.com
Message-ID: <2pcurj$ef4@search01.news.aol.com>
Source record: 275158

In article <2p3nvg$rp3@agate.berkeley.edu>, kennish@kabuki.EECS.Berkeley.EDU (Ken A. Nishimura) writes:

Radar detectors already are outlawed in commercial vehicles in Illinois. Signs at the border inform you so. Welcome to Illinois!

3010. Re: Two Way Radios

Newsgroup: rec.radio.scanner
Date: 1994-04-24 05:13:03 UTC
From: scan911@aol.com
Message-ID: <2pcv4v$eh7@search01.news.aol.com>
Source record: 275159

In article <9404231400.AA08236@cs.utexas.edu>, jkwiatkowski@attmail.com (John Kwiatkowski) writes:

Check road department and business band freqs. Many police departments show up there. Also, local govt freqs.

3011. Re: lll scan ban "LAW WORDING"

Newsgroup: rec.radio.scanner
Date: 1994-04-24 05:15:02 UTC
From: scan911@aol.com
Message-ID: <2pcv8m$ei4@search01.news.aol.com>
Source record: 275160

In article <1994Apr23.122400.657@sdg.dra.com>, sean@sdg.dra.com writes:

As a member of the press, I don't think it would fly. Most of us news folks carry press credentials signed by ranking editors. In New Jersey, the state police issued press ID.

3012. Lake County IL freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-24 06:44:54 UTC
From: willcare@interaccess.com
Message-ID: <willcare.8.001DB1F6@interaccess.com>
Source record: 275172

I'm in need of some freqs for Lake County IL. I have some, but am missing a few of the fire channels. One sided conversations are VERY aggravating! Any help appreciated.
Bill

3013. RE: ILLINOIS ANTI SCANNE

Newsgroup: rec.radio.scanner
Date: 1994-04-24 06:48:00 UTC
From: john.tant@exchange.com
Message-ID: <2d.5586.603.0N850180@exchange.com>
Source record: 275161

>>Message-ID: <2p721jktv1@rosebud.ncd.com>
>Newsgroup: rec.radio.scanner,rec.radio.amateur.policy
>Organization: Network Computing Devices Inc., Mt. View, CA, USA

>I understand everyone's concern... but last I heard is that there is a ful
>federal pre-emption by FCC concerning this sort of thing for amateurs
>I suspect that it would be difficult to convince the cop on the beat
>that you are within your rights...and it might even take a court case
>to get it beaten into the state's head that the exemption exists... but it
>should be sufficient.

>Am I wrong about this? And I would think that pointing out the exemption
>would certainly get the state to add amateurs to the list.

>Any comments?

>Steve KA6S

Yes, I've a comment. There's no reason for the law at all. Simply seeking an exemption for hams isn't the issue. That would still acknowledge the philosophical validity of the law.

I am d#### sick and tired of the friggin' government treating law abiding citizens as the criminals. If some jackass uses a scanner to show up at the scene of an emergency and get in the way, prosecute the jerk for interfering at the site of an emergency or something. Leave those of us who use a scanner to AVOID such things alone. I listen to the scanner if I go across town. If I hear of an accident on Hwy 1, I'll take Hwy 2. Who the hell wants to get tied up in the traffic mess around an accident? I'm not there, which should make the authorities happy. I'm not caught in the traffic jam, which definately makes ME happy. It's a win-win situation.

BTW, I'm an unhappy ham living in the state (oops, Commonwealth) of Virginia, the only state in the whole U S of A which still outlaws the private use of radar detectors. I guess it interferes with the state's being able to extract extra money from the populace.

John

---
* WaveRdr 1.0 [NR] * UNREGISTERED EVALUATION COP

3014. RE: ILLINOIS SCAN BAN, A

Newsgroup: rec.radio.scanner
Date: 1994-04-24 06:48:00 UTC
From: john.tant@exchange.com
Message-ID: <2d.5589.603.0N850183@exchange.com>
Source record: 275162

Jim Austin writes:

>as I'm not too close to cooked, and as long as I'm convinced that there's
>limit on how far they'll turn it up, I'll tolerate it and support it.

That's the problem, I tend to follow the camel's nose philosophy of what I expect from my govt. I remember when the sales tax in Tx was "just going to be two percent." Those power-hungry politicritters don't know when to quit!

John

---
* WaveRdr 1.0 [NR] * UNREGISTERED EVALUATION COP

3015. RE: FLASH! -- ILLINOIS A

Newsgroup: rec.radio.scanner
Date: 1994-04-24 06:48:00 UTC
From: john.tant@exchange.com
Message-ID: <2d.5588.603.0N850182@exchange.com>
Source record: 275163

Tim Tyler writes:

> Making it illegal to use a scanner during the commission of a crime is
>nice, but anyone planning to pull an armed robbery on a liquor store
>isn't going to leave his or her scanner at home, in fear of the
>additional charge if they're caught.

That's fine. Add another year or two to the guy's sentence.

> With millions of scanners out there, the solution is for the law
>enforcement agencies to encrypt their radio circuits. EVen this isn't
>fool-proof, as a smart crook might look at the signal strength (on input
>if over a repeater system) of the secure transmission & be able to
>roughly determine the proximity of the po-lice... Despite my having
>many scanners, as a taxpayer & member of society, I'm willing to pay my
>share so that the law enforcement agencies can secure their transmissions.

Not me! I don't want them encrypted, or freq hopping trunked, either!

FIRST: Don't forget, if I pay taxes, then they're my employees. I can't
think of any other situation where the employees get to hide their work
activities from their boss(es).

SECOND: I don't trust my government. PERIOD! I want to be able to listen
in on occasion.

THIRD: As I mentioned in another posting, I use my scanner to find out
where accidents and such are so that I can STAY AWAY, and know to use any
alternate routes I have available.

John

Scariest words in the USA: "Hi! I'm from the government and I'm here to
help."

---
* WaveRdr 1.0 [NR] * UNREGISTERED EVALUATION COP

3016. FLASH! -- ILLINOIS ANTI-

Newsgroup: rec.radio.scanner
Date: 1994-04-24 06:48:00 UTC
From: john.tant@exchange.com
Message-ID: <2d.5587.603.0N850181@exchange.com>
Source record: 275164

```
>>>Message-ID: <CoMLsD.IrD@cbnewse.cb.att.com>
>Newsgroup: rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave
>rec.radio.amateur.misc
>Organization: AT&T Bell Laboratories, Naperville, IL

x
> I just spoke with Rep. Tom Cross, my Illinois (Republi-
> can) congressman who introduced IL House Bill 4180,
> essentially outlawing portable and mobile scanners and
> transceivers with extended frequency coverage.

> He has shelved the bill temporarily and will reintro-
> duce a much different version later. The new version
> will make it a crime to *use* a radio receiver like a
> scanner in the commission of a crime.

> Cross said he was originally prompted by police groups
> who are frustrated by gang members and criminals using
> scanners. Now, that he has heard from several people
> protesting 4180, he realizes the side effect of outlaw-
> ing scanners and regrets that the original bill was
> drafted so poorly.

> Cross asked me how I heard about the bill and I told
> him "a computer network at Bell Labs." I told him I
> would let people know the results of our conversation.

>--
>============================================================================
>===
> Copyright 1994, Bob Parnass, AJ9S
> AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

M U C H B E T T E R ! ! ! ! ! ! ! ! !

I'm all for prosecuting the bloody hell out of somebody who uses a scanner
to commit a crime. That's where the emphasis SHOULD be! Leave law-abiding
citizens ALONE!

Whew!

John

---
* WaveRdr 1.0 [NR] * UNREGISTERED EVALUATION COP
```

3017. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-24 07:46:14 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Apr24.074614.26583@hpcvaac.cv.hp.com>
Source record: 275165

sirjeeves@aol.com (Sir Jeeves) writes:
:
: Just FYI...I spoke with the FCC today regarding importing non-FCC certified
: equipment by individuals. I was surprised to find out that it is illegal for
: one to re-sell non-FCC certified devices, whether a company or an individual.

Hm, this is something new - and I find it hard to believe - especially for individuals.

Bill

3018. Arizona Scanner Club

Newsgroup: rec.radio.scanner
Date: 1994-04-24 08:11:58 UTC
From: drice@crl.com
Message-ID: <znr767172091k@crl>
Source record: 275166

Is there a scanner club in Arizona?

If not, is there anyone who would be interested in being involved in one?

Dennis Rice drice@crl.com
NAU Flagstaff drr1@nauvax.ucc.nau.edu

-----BEGIN PGP PUBLIC KEY BLOCK-----
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=I2qw
-----END PGP PUBLIC KEY BLOCK-----

Dennis Rice drice@crl.com
NAU Flagstaff drr1@nauvax.ucc.nau.edu

-----BEGIN PGP PUBLIC KEY BLOCK-----
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=I2qw
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3019. Rs DSP Review!

Newsgroup: rec.radio.scanner
Date: 1994-04-24 08:13:17 UTC
From: an40747@anon.penet.fi
Message-ID: <082303Z24041994@anon.penet.fi>
Source record: 275167

Review Of Radio Shack Digital Signal Processor with Amplified Speaker

Catalog Number: 21-543
Price: $79.99

Specifications:

Frequency Response:

DSP Out Mode: 300-3000 Khz

NR Mode:
Wide Position: 200-2959 Khz
Med. Position: 200-2500 Khz
Narrow Position: 200-2000 Khz

CW Mode:
Wide Position: 269-1231 Hz
Med. Position: 500-2600 Hz
Narrow Position: 800-2000 Hz

SSB Mode:
Wide Position: 300-3000 Hz
Med. Position: 500-2600 Hz
Narrow Position: 800-2000 Hz

Total Harmonic Distortion: 1.0% Typical
S/N Ratio: 55 dB
Audio Input Level: 3 V Peak to Peak (Max)
Heterodyne Rejection: (SSB/NR mode) 40 dB (max)
Noise Reduction (NR Mode): 20 dB (Typical)

Dimensions: 1 15/16 X 4 9/16 X 7-1/16 inches
Weight: 1 lb 4 oz.

Review:

These are my personal experiences with the unit. I was in search of
something to accomplish 3 basic purposes:

1: Reduce noise, to be able to listen to weak signals, and remove
interference from computers, power lines, etc.

2: To remove heterodynes, those annoying whines and squeals.

3: To remove adjacent frequency interference.... "bleedover"

Test Equipment:

CB Radio: Cobra 19 Plus
Shortwave Reveiver: Panasonic RF-B45 with supplied indoor longwire antenna.
Scanner: Bearcat BC-855 XLT

Noise Reduction:

CB: Alternator whine was _dramatically_ reduced. Ignition pops still were present, although reduced slightly. Some atmospheric noise was removed, although, not as much as I would have liked.
I'll give the unit a "B" here

Shortwave: computer interference was slightly reduced... not a lot. My computer, a Tandy Color Computer 3 is about the noisiest computer known to mankind... Your computer may or may not affect your reception. Atmospheric noise was cut somewhat, in some cases, enough to allow me to pull out stations not previously understood. Other noise, such as light dimmers, appliance, etc was reduced up to 50 percent. Sideband noise reduction was much better than on AM. Looks like a grade of "C" overall

Scanner: The unit did _wonders_ on FM... Certain 800 Mhz signals were cleaned up dramatically. On some systems, a high pitched whine is present. This whine was totally removed. Static noise was reduced, if not eliminated. My tests did not cover the AM aircraft band. A grade of "B" works for me.

Ratings: Scanner use won out... Then came a mobile CB, Shortwave SSB, and in last place SWL AM. In all cases the unit _did_ help, just some applications better than others. Overall I will give the unit a "C" in noise Reduction....

Heterodyne Reduction:

In _all_ applications the unit 75% of the time eliminated ALL whines. In the Remaining 25%, the whine was reduced to the point that the target signal was clearly understood. This unit is perfect for those plagued with heterodynes. I give the unit a definite "A+" for heterodyne reduction.

Adjacent Frequency Rejection:

In all cases, the unit either reduced this not at all, or moderately. Forget it if your primary needs are the elimination of "bleedover" On Shortwave SSB, it performed in some cases acceptable however. A "D" here.

Overall Evaluation:

Sound Quality is reduced with the unit's DSP function engaged. You have to lose some quality of sound in order for the unit to do its job. None of my applications require audiophile sound anyway.
Overall, the unit rates a "C" for me. It is not a "miracle cure" for the ills of radio reception. Neither is it a "dog". It helps, but does not turn a signal into a flawless, clean, pure audio signal.

These are my own personal evaluations, using the specific equipment I noted above. Others have given the unit _much_ better ratings than I have.

For the price, the unit, in my opinion _is_ worth it. You will find no unit anywhere similar for the price.

For the Technically Curious:

There is no schematic provided in the users manual. Also, I have not opened the unit to determine the components used. Reportedly, the main circuit board is shielded, making a quick look impossible. It could take a little work to view the guts of the system.
As the unit obviously uses some sort of program to do the job, future upgrades, could be possible by a chip change (my opinion only) to update the software.

I am available at the following email addresses:

Delphi: JWILKERSON
CompuServe: 71140,77

Internet:

jwilkerson@delphi.com
71140.77@compuserve.com
john.wilkerson@tcr.com

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

3020. Re: Scanner Kit

Newsgroup: rec.radio.scanner
Date: 1994-04-24 08:22:09 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Apr24.082209.27210@hpcvaac.cv.hp.com>
Source record: 275168

erik@fishtank.equinox.gen.nz (Martin Petersen) writes:
:
: I understand that there is a kit around somewhere that can scan cordless
: phone freqs. Does anybody know anything about this, or any other kits
: that can be made up? I want to get into Scanning, but have miminal money
: to put into it.

I doubt if there is a kit - scanner circuitry is fairly complex.

However, you should be able to buy a scanner from radio shack that covers
the band - at a cost of less than $100.

Bill

3021. Has anyone cracked Uniden 9100 900MHz cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-04-24 08:29:23 UTC
From: mball@netcom.com
Message-ID: <mballCor8x0.GAs@netcom.com>
Source record: 275169

I lost track of the occasional discussions of scanning particular
models of 900MHz cordless phones. These kind of phones were hard to
find but I brought home the Uniden and AT&T 9120 to evaluate. I kept
the Uniden for stupid-consumer reasons I don't think I was able to make
a very good evaluation of the radio characteristics.

Both phones say "digital" only Uniden claims "spread spectrum". Any
way to tell? What scanners can receive it?

Anyone have experience with the less-pricey phones?
Was Tropez the brand with quality control problems and 450MHz harmonics?
Sony doesn't say "digital". Is it?
What about the Bell[South|North|East|West] phones?

Here's the scanner related hi-lites, like anyone cares:
- could not detect either phone with my BC200XLT using a 800MHz antenna
in the frequency range specified in the manual.
(900MHz on the 200XLT is full of images--cellular, TV--it's hard to
really tell if what you hear is actually transmitting at 900MHz)
- rubber ducky on 200XLT may have picked up AT&T, but the clutter was
even werse.
- don't have a freq counter.
- Uniden caused substantial interference with AT&T.

regards,
mark

3022. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-24 08:42:06 UTC
From: crisp@netcom.com
Message-ID: <crispCor9I6.sM@netcom.com>
Source record: 275170

In article <2pcurj$ef4@search01.news.aol.com> scan911@aol.com (SCAN911) writes:
>In article <2p3nvg$rp3@agate.berkeley.edu>, kennish@kabuki.EECS.Berkeley.EDU
>(Ken A. Nishimura) writes:
>
>Radar detectors already are outlawed in commercial vehicles in Illinois. Signs
>at the border inform you so. Welcome to Illinois!

Radar detectors are outlawed in trucks *throughout* the US. This was
recently enacted.
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3023. Re: INMARSAT (legalities of monitoring it?) was re: INMARSAT

Newsgroup: rec.radio.scanner
Date: 1994-04-24 10:56:10 UTC
From: a10554@giant.rsoft.bc.ca
Message-ID: <a10554.767184970@giant>
Source record: 275086
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

>crisp@netcom.com (Richard Crisp) writes:
>>
>> While I am not a lawyer, I believe it is just as illegal to monitor INMARSAT
>> as it is to monitor cellular. Reading the penalties in the ECPA, it appears
>> the penalties for monitoring cellular are *reduced* in comparison to the
>> penalties for monitoring other services where you are not the intended
>> recipient. It may be worth reading Title 18USC section 2511 if you
>> would like the straight scoop.
>>
While you on some other posts hold against most "bans", here you
reminded others to fall into the US "bans". Didn't you say you
don't like gov't passing all these bans? May be it's good if the US
can pass it for Canada , erh? :) :)

sorry about the bandwidth again.
David Tse
--
David Tse, VE7MDT Internet: a10554@giant.rsoft.bc.ca
I will prefer e-mail sent to above address.
My PO Box is CANCELLED, please do not use.

3024. Re: INMARSAT (legalities of monitoring it?) was re: INMARSAT

Newsgroup: rec.radio.scanner
Date: 1994-04-24 11:00:28 UTC
From: a10554@giant.rsoft.bc.ca
Message-ID: <a10554.767185228@giant>
Source record: 275089
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

gt3441b@prism.gatech.edu (Peter William Presti) writes:

>emd@ham.almanac.bc.ca writes:

>Hmm. Last I heard (2 years ago) "listening" for police radar was
>illegal up north - but then so is it in CT, DC, and VA.

Only in certain provinces, like Alberta then some. British Columbia
has been fine since 1992, luckily :).

>-Pete
>--
>Pete Presti
>Georgia Institute of Technology, Atlanta Georgia, 30332
>uucp: ...!{decvax,hplabs,ncar,purdue,rutgers}!gatech!prism!gt3441b
>Internet: gt3441b@prism.gatech.edu
--
David Tse, VE7MDT Internet: a10554@giant.rsoft.bc.ca
I will prefer e-mail sent to above address.
My PO Box is CANCELLED, please do not use.

3025. Re: Icom R1 filter bandwidth

Newsgroup: rec.radio.scanner
Date: 1994-04-24 12:02:10 UTC
From: schuster@panix.com
Message-ID: <2pdn42$ij7@panix2.panix.com>
Source record: 275171

In article <2pcm2f$bcf@crl2.crl.com>, John Potts <jpotts@crl.com> wrote:
>I am interested in improving the selectivity of the Icom R1. I am
>experienced in soldering surface mount components so I am not worried
>about working on the radio. I need to know which of the three filters
>is the cause of the poor performance. It is most likely the 10.7 MHz or
>the 455KHz filter. Is there a drop in replacement filter that would do
>the job.

Get the service manual, an appointment with your opthalmologist, and have
a play. The circuit boards stand upright in a narrow cavity, and are
soldered in place at the bottom of that cavity.

The ultimate rejection of this model is limited as much by the cheap
filters as by reciprocal mixing of spurs from the noisy synthesizer.
That's why you get images of signals hundreds of KHz away from their real
frequency.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3026. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-24 13:34:04 UTC
From: fs@cs.tulane.edu
Message-ID: <2pdsgc$s05@news.cs.tulane.edu>
Source record: 275090
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

<2pbv2l$qd4@bigblue.oit.unc.edu> austin@physics.unc.edu Jim Austin :
>
> Problem is, often as not that handgun Hank bought for Thelma
> to protect herself when he's out of town ends up killing Hank,
> or one of the kids, or some poor fellow who wants directions at 9 pm.

> When they come for my hunting rifle I'll be standing there
> elbow to elbow with my neighbors, and mine'll be loaded
> (and the shotgun, too). But when they come for the guns
> built to kill people, they have my support.

Guns built to kill people (tyrants, criminals, wild savages)
is what the 2nd Amendment is all about. As far as I'm concerned,
when those are gone, to h*ll with your hunting rifle.
I don't give a sh*t about your hobbies.

3027. Re: Case for the Yuppy puppy?

Newsgroup: rec.radio.scanner
Date: 1994-04-24 14:44:16 UTC
From: philscott@delphi.com
Message-ID: <BO3vbZQ.philscott@delphi.com>
Source record: 275173

Regarding cases for the MVT7100, I'm using one of 'the Pouches' when carrying around the Yupi or travelling..can't get at the keys or display, but good protection even in a fall.
Phil in Philadelphia, N3KDJ

3028. Re: Aftermarket antennas for PRO-43?

Newsgroup: rec.radio.scanner
Date: 1994-04-24 14:46:00 UTC
From: philscott@delphi.com
Message-ID: <JM-PzvY.philscott@delphi.com>
Source record: 275174

Jerold Loren Swan <jswan@elaine53.Stanford.EDU> writes:

>Are there any antennas for the PRO-43 that will work better than the
>coil-loaded telescoping whip that RS sells?

You might try the Diamond RH-77 (x) and the Austin Condor...they're both
great in the range you're after.

3029. Dayton Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-04-24 14:54:26 UTC
From: ppddgc@uwovax.uwo.ca
Message-ID: <1994Apr24.105426.1@uwovax.uwo.ca>
Source record: 275075

Could someone supply me with a short list of frequencies for the DAYTON Ohio area?

I would like to preprogram my scanner for my trip to the Hamvention. Also, what are the laws in Ohio regarding scanner usage.

Dave Colvin VE3ZDC
Univ. of Western Ontario
ppddgc@uwoadmin.uwo.ca

ARES DEC
CANWARN Severe Weather Watch
Civil Air Search and Rescue

3030. Changing frequency of Motorola Hand-Helds

Newsgroup: rec.radio.scanner
Date: 1994-04-24 15:59:41 UTC
From: eln@drycas.club.cc.cmu.edu
Message-ID: <2pe53u$mea@nntp.club.cc.cmu.edu>
Source record: 275076

Does have any information on changing frequency of Motorola Spirit VHF Business band hand-helds.

There is a four position dip switch under the battery case that I suspect may change frequencies.

Because Motorola only charges $7.50, I can't believe they are doing anything but changing a switch or DIP jumper.

3031. Re: Case for the Yuppy puppy?

Newsgroup: rec.radio.scanner
Date: 1994-04-24 17:20:26 UTC
From: crisp@netcom.com
Message-ID: <crispCorxI2.FF@netcom.com>
Source record: 275077

In article <BO3vbZQ.philscott@delphi.com> philscott@delphi.com writes:
>Regarding cases for the MVT7100, I'm using one of 'the Pouches' when
>carrying around the Yupi or travelling..can't get at the keys or display, but
>good protection even in a fall.
>Phil in Philadelphia, N3KDJ

The thing I think is important to remember is that the little number
on the keys *will* wear off with normal use. The plastic case Yupiteru
sells will protect your radio from that. I think with them going for
more than $700 (grin) it is a good idea to protect your investment.
I wonder how much the crybabies will beg people to sell them for
in a month (see excerpted private email below).

"I bought the last R100 HRO had (it is my 2nd). They have no more 800 MHz
scanners or similar except Alinco amateur transcievers thagt receive such. EEB is
also dry, Both tell me they have fewer than expected because fed agencies,
especially DEA, bought out their stack on R7100 and bought others. These agencies are
trying to avoid the paperwaork and reduced availability of the new law.
Apparently the paperwork and delays caused by such are expected to be unpleasant."

"
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3032. FAQ?

Newsgroup: rec.radio.scanner
Date: 1994-04-24 17:31:30 UTC
From: mccormac@mprgate.mpr.ca
Message-ID: <1994Apr24.173130.4230@mprgate.mpr.ca>
Source record: 275078

Hi all,

Is there an FAQ for this group?? Are cellular mods for popular scanners listed therein? Where can I download the FAQ from?

I just purchased a Realistic PRO-2026 and I want to do any mods that I can before I install it in the dash of my car. If the mods are not in the FAQ, would someone be kind enough to email them to me.

Thanks in advance...

Chris K. McCormack
mccormac@mprgate.mpr.ca

3033. Re: FAQ?

Newsgroup: rec.radio.scanner
Date: 1994-04-24 18:11:02 UTC
From: strech1@aol.com
Message-ID: <2pecnm$oiv@search01.news.aol.com>
Source record: 275093

Take off the cover, near the front of the scanner is a bare wire jumper labled "L201" cut this jumper for 800 mhz restoration.

3034. Re: Lake County IL freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-24 18:29:33 UTC
From: tedtrost@delphi.com
Message-ID: <9404241428591.tedtrost.DLITE@delphi.com>
Source record: 275079

I used to live in Libertyville.

Lake County's fire frequencies split the county into 4 quadrants.

Libertyville, Mundelein, VH, Lake Bluff, etc. 154.430
Waukegan, Gurnee, Newport, Zion 154.325
Fireground 154.265
Antioch, Fox Lake, etc. 154.400
Barrington, Lake Zurich, Southwest communities 153.890

Keep in mind, however, that you may be hearing one-sided conversations
because the portables and mobiles are so weak that you can only hear the
bases. That is why the bases often repeat what the portable/mobile said
before they acknowledge.

Ted Trost
Internet: tedtrost@delphi.com Delphi: TEDTROST CompuServe: 71175,1043
Amateur radio station N1RDQ "I like beer. On occasion I will even
drink a beer to celebrate a major event such as the fall of communism
or the fact that our refrigerator is still working." --Dave Barry

3035. Uploading to Oakland Ham FTP area

Newsgroup: rec.radio.scanner
Date: 1994-04-24 20:22:41 UTC
From: wy1z@bach.coe.neu.edu
Message-ID: <WY1Z.94Apr24162242@bach.coe.neu.edu>
Source record: 275096
Cross-posted to: rec.radio.amateur.misc,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

Many people have uploaded files to the ham radio area on
oak.oakland.edu (/pub/hamradio/incoming).

But, what many have failed to do is e-mail me after the upload.

This presents at least two problems: 1) Notification in a timely manner,
resulting in a delay in access for others; 2) If anything is wrong with the
upload, I don't have anyone to contact for a retransfer.

What is the moral? If you upload a file to the FTP area, please let me know.

Thanks much.

73,
Scott

--
```
==============================================================================
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na |
|----------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - ftp.std.com pub/hamradio |
==============================================================================
```

3036. Re: Ill scan ban "LAW WORDING"

Newsgroup: rec.radio.scanner
Date: 1994-04-24 21:02:34 UTC
From: sean@sdg.dra.com
Message-ID: <1994Apr24.160234.665@sdg.dra.com>
Source record: 275098

In article <2pcv8m$ei4@search01.news.aol.com>, scan911@aol.com (SCAN911) writes:
> As a member of the press, I don't think it would fly. Most of us news folks
> carry press credentials signed by ranking editors. In New Jersey, the state
> police issued press ID.

No problem, I'm the ranking editor of the "Donelan Dispatch." I'll just
sign my own press credentials.

In New Jersey, how do the state police decide who to issue press ID's too?
Would you be more or less likely to write a story critical of the New
Jersey state police if you knew they could revoke your press ID? If
"member of the press" means having a police issued press ID, does that
really mean "member of the press" is a term of art for "police
approved reporter?"

If the government gets to define what is considered the press, what does
that mean for idea of freedom of the press. Can the government shutdown
a reporter just by defining her not to be a member of the press.
--
Sean Donelan, Data Research Associates, Inc, St. Louis, MO
Domain: sean@dra.com, Voice: (Work) +1 314-432-1100

3037. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-24 21:13:11 UTC
From: steiners@indirect.com
Message-ID: <2pend7$1bj@herald.indirect.com>
Source record: 275099
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

Jim Austin (austin@physics.unc.edu) writes:
>
> When they come for my hunting rifle I'll be standing there elbow to
> elbow with my neighbors, and mine'll be loaded (and the shotgun,
> too).
>
> But when they come for the guns built to kill people, they have my
> support.

don't look now, but your scoped 30-06 is now a "sniper rifle" and
your 12-gauge is the weapon of choice for criminals. both are far
more lethal than any "assault weapon".

"extremist" is nothing more than a perjorative, which can be applied
to you and your "hunting weapons" even more easily than it was to
those who own guns with black plastic stocks.

by the time they come for your hunting rifles, there won't be any
neighbors to stand "elbow to elbow" with. you'll learn the same
lesson pastor Niemoller did, but yours will be even more painful. he
simply didn't speak up for the demonized members of his society.

you actively helped.

jason

--
"...It's better to have a gun and not need it
than to need a gun and not have one."
TRUE ROMANCE
`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,` steiners@indirect.com `,`,`,`

3038. San Fransisco Scanner Shops?

Newsgroup: rec.radio.scanner
Date: 1994-04-24 21:25:42 UTC
From: "p.d. specht" <ppdpds@julian.uwo.ca>
Message-ID: <2peo4m$1la@falcon.ccs.uwo.ca>
Source record: 275100

I recently sold my Bearcat 100XLT and am in the market for something
better. I will be enjoying a week in San Fransisco in early May and
would to hear from anyone who can direct me to a someplace where I could
pick up a decently priced 2500XLT or 8500XLT.
Thank you.

Paul Specht
ppdpds@julian.uwo.ca or ppdpds.uwoadmin.uwo.ca

(519)661-3301

3039. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-24 22:16:39 UTC
From: an030@cleveland.Freenet.Edu
Message-ID: <2per47$85m@usenet.INS.CWRU.Edu>
Source record: 275101
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

In a previous article, fs@cs.tulane.edu (Frank Silbermann) says:

>
><2pbv2l$qd4@bigblue.oit.unc.edu> austin@physics.unc.edu Jim Austin :
>>
>
>> When they come for my hunting rifle I'll be standing there
>> elbow to elbow with my neighbors, and mine'll be loaded
>> (and the shotgun, too). But when they come for the guns
>> built to kill people, they have my support.

What an incredible idiot.

I don't need *this* guy behind me.

--

" Bill Clinton is not a criminal "
- Lynn Wallace

3040. IDEA -Ultimate Scanner Summary to date

Newsgroup: rec.radio.scanner
Date: 1994-04-24 22:34:26 UTC
From: vhealey@crl.com
Message-ID: <2pes5i$pv5@crl2.crl.com>
Source record: 275102

Here are some of the ideas I have recieved regarding what would make
a better scanner design. If your idea is not listed either email me at
vhealey@crl.com or post to a usenet scanner area. Please preface
all ideas or followups with the keyword IDEA to allow for a fast
topic search when looking at mail or USENET threads.

Victor Healey Ki4je Internet: vhealey@crl.com
==========
This is a great thread. If we continue with our list of dream scanner
features (and someone listens) maybe we'll see some *really* cool, albeit
expensive, equipment in a year or so. Here are some of mine off of the top
of my head:

1) An activity alarm. I may want to program in a new frequency that I'm
unsure if it's in use and I'd love to have an "alarm" that would go off when
a certain channel shows some activity. That way I could go on with my
normal monitoring, but still notice if one of my new channels shows some
activity.

2) The data channel skip that Uniden has recently advertised. If it does
what it sounds like it should, it would make trunked system monitoring much
nicer.
--
Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
==========
Two features that I've been thinking about lately are:

1. Temporary lockout keys. Often a frequency that I scan has some noise on it
that stops scanning. I hate to hit lockout, since I know I'll forget about it
tomorrow. My idea would be to have a lockout button that only locks the
channel out for 10 minutes or some similar period. After the time is up, the
channel becomes unlocked automatically. If the interference is still there,
you can hit the button again.

2. Have a memory pool. Lets say you have 1000 channels. The user should be
able to assign the channels in the banks they want - they put in their own
dividers- i.e. ch 1 - 27 make bank 1, 27-200 make bank 2, etc. The user
selects how many channels go in each bank. You could have one bank of 1000, 2
banks of 500, or whatever you need in each bank. The banks could be selected
with softkeys - like the newer HP calculators. A key has an area on the
display that shows what the key function is (the user programs the alpha
characters). So the bank 1 key might say: LOCAL PD or FIRE. This way you can
select banks by name. My 2500XLT has 20 banks and I can't keep track in my
head.

Needles to say, good RF performance is a MUST. A scanner with lots of features is worthless if all you hear is intemod.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com

==========

Lets see if we can get two-tone sequential paging in scanners.

This option would give people who live in high traffic areas the capability of being alerted as to when it is a department near them as opposed to one across town.

If there is a scanner with such a feature I would like to know.

Eric Morrie em004b@uhura.cc.rochester.edu

==========

I'd like to see scanner manufacturers incorporate a "continuous loop" voice recorder in their high end models. It could employ digital voice storage ICs, which are already being sold on the open market (e.g., at Radio Shack and advertised by others in QST).

The solid state recorder would continously record the last minute or so of the audio played out the scanner's speaker.

If the phone rings or your spouse speaks to you at the same time your scanner is squawking, causing you to miss an important transmission, you could press a button on the scanner and replay the last minute or so of audio.

Copyright 1994, Bob Parnass, AJ9S

AT&T Bell Laboratories - parnass@ih4gp.att.com - (708)979-5414

==========

Good idea. But might it be a little less aggravating if the temperarily locked out channel stayed locked out untill the scanner was turned off. That way you wouldn't have to worry about forgetting to unlock the channel next time you turn on the unit, and if you want to unlock temp channels without cycling the power, a reset or lockout toggle button would be available.

Furthermore, a nifty little add-on to user definable bank sizes would be a "sort" button which would sort the channels in a bank by frequency in ascending or decending order. This may facillitate following trunked conversations, as well as passifying scanner freq perfectionists!

Steve Willingham swilling@ic1d.harris.com

==========

Two features that I've been thinking about lately are:

1. Temporary lockout keys. Often a frequency that I scan has some noise on it that stops scanning. I hate to hit lockout, since I know I'll forget about it tomorrow. My idea would be to have a lockout button that only locks the

channel out for 10 minutes or some similar period. After the time is up, the channel becomes unlocked automatically. If the interference is still there, you can hit the button again.

2. Have a memory pool. Lets say you have 1000 channels. The user should be able to assign the channels in the banks they want - they put in their own dividers- i.e. ch 1 - 27 make bank 1, 27-200 make bank 2, etc. The user selects how many channels go in each bank. You could have one bank of 1000, 2 banks of 500, or whatever you need in each bank. The banks could be selected with softkeys - like the newer HP calculators. A key has an area on the display that shows what the key function is (the user programs the alpha characters). So the bank 1 key might say: LOCAL PD or FIRE. This way you can select banks by name. My 2500XLT has 20 banks and I can't keep track in my head.

Needles to say, good RF performance is a MUST. A scanner with lots of features is worthless if all you hear is intemod.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
==========
Alright, so while we're at it, old fashioned (or some newer technology) LED displays that can be seen (like in the car at night). Of course, we need to keep to battery life long, too ;-).

Neil Weisenfeld, Computer Engineer Internet: weisen@alw.nih.gov
==========

From hammersch@aol.com Wed Apr 6 05:39:51 PDT 1994

But, since we are on the subject.... How about a scanner with a keyboard that you don't have to have 1mm wide fingers to operate??????

==========
1. Multiple priority settings - as most scanners are currently set up, you have ONE priority channel. On some scanners it is channel 1, on

The BC-200XLT does this. Although the priority channels are not programmable, the first channel of each bank is a priority channel. If all ten banks are turned on, you can see it stop scanning the main channels and scan the ten priority channels, then resume scanning the main channels.

Jacob DeGlopper, EMT-A, N3RHI jacob@mayhem.cwru.edu
==========

From phn@dde.dk
Another feature I have often wanted is a better way of handling duplex channels i.e. channels where base and mobile stations transmit on different frequencies and no repeater is used.

As it is now, when traffic is handed over the scanner must immeadiately resume scanning (no delay) to catch the other channel. However if you have many channels programmed in, the scanner might stop on some other traffic and you miss the

reply.

The feature I want is some way of linking two channels together.
It might work something like this:

When traffic ceases on a linked channel, instead of resuming
normal scan the scanner should enter a special mode where it
only scans the two linked channels. This prevents it from
stopping on other traffic. If no traffic occurs on either
of the two linked channels for som time, say 5 seconds, the
scanner should resume normal operation.

This feature might also come in handy when listening to the
mobile part as this is often subject to signal dropout which
causes the scanner to resume scanning as delay cannot be used
for the reasom described above. Resuming scanning on only the
tow linked channels will make it stop again immediately on the
mobile channel.

A more general approch would be to allow any number of channels
to be linked together. This might prove useful when scanning
trunked systems.

--
Per H. Nielsen Telephone: Int +45 42 84 50 11
Dansk Data Elektronik A/S, Herlev, Denmark E-mail: phn@dde.dk
==========

From jackson@longlast.cs.nyu.edu

I've always thought that in a computer-controlled environment, monitoring
multiple frequencies simultaneously would be pretty cool. That is:

using an object oriented development system, "spawn" multiple one channel
scanners and program the frequency, mode, and ctcss into it. The computer
sorts all of the frequencies into modes and sequential order and dumps
them to the scanner (since scanners can change channels to contiguous freqs
more quickly) for scanning.

Whenever the scanner comes across a transmission, it sends the freq, mode,
signal strength, and a sound bite to the computer. The computer then plays
the sound bite, with a signal strength meter on the face of the scanner on
the screen that had that freq programmed into it.

With a fast enough scanner and computer (probably optimized Pentium), the
sound bites will be coming in fast enough that you could listen to several
channels seemingly simultaneously.

What makes one scanner stay one scanner is because when the scanner stops
on a transmission, it stays on it. If the scanner could send tiny segments
of the audio from several different channels and let the computer piece
the sound back together, one thread could distribute the sound bites to
other threads that individually piece the sound back together and play
them simultaneously.

You would probably need a fiber link from the scanner to the computer, like
the old (and probably new) top of the line music CD players.

Of course, if you spawn several scanners, the audio quality might drop. It's
like buying 400 crystal-controlled one channel scanners and turing them all
on at the same time.
--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
==

From brett_miller@ccm.hf.intel.com

Sounds like you are talking about time division multiplexing. For maginal
audio quality you need to sample the source at least 2 times the highest audio
frequency, So lets say the highest voice frequency from your scanner is 3
KHz, your scanner would need to scan at a rate of 6000 channels per second!

That makes Unidens 300 ch/sec look pretty slow.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
==

From strech1@aol.com

While I think I have most every scanner I need, I'm sure that if the mfr's came
up with a new style, I may be tempted to add to the collection. After all, we
can always use another scanner.....
What I'd like to have would be a scanner that does'nt look so much like a
scanner or cop radio. A 100 channel scanner, that is built just like a
'Walkman' would be a good addition to my collection. People get so wierd
sometimes when you have a scanner while walking or biking, or riding a bus.
Walkmans are a
common sight, and I'd rather listen to Comm Center any day instead of 'Rokkum
Hot 98fm', now put a tape deck along with it...Oh Joy!

==
From hak@alf.cooper.edu

The channel switching timing
is nasty, but not quite as bad as 1/6000 sec. Nyquist sampling is
based on impulse sampling. I think what is implied here would involve
longer spurts of audio, with gaps in between. I'm not sure what rates
would be needed for reasonable audio quality. Also, the ch/sec rating
of a conventional scanner has to include time at each channel for
the squelch to settle so the thing can decide whether to stop there.

ANother approach to the parallel scanner is to use several LO/Mixer
/If filter stages, then use a high-performance DSP to sample them
in parallel. Of course, you could just buy N scanners, set them each
to a single channel, and then sample the resulting audio out :)

--Neil
==

From ewhite@chop.isca.uiowa.edu

Is it time to bring back the single band scanner? The current philosophy seems to be a "one size fits all" radio capable of receiving DC to Daylight frequencies. But that also means compromises.

Many scanner users are only interested in one or two specific bands. For example, I listen almost exclusively to railroad frequencies. There isn't a single handheld on the market today that does a real good job on the RR freqs (159-162 Mhz). Well, maybe the Yupi MVT-7100, but that's a bit expensive for someone who's just listening to choo-choos.

I'd much rather have a tight front end, high sensitivity, and good intermod and image rejection in a 159-163 Mhz only rig. (Toss in the NOAA freqs since they're so close, and maybe expand it for Marine band users down to 156 Mhz). Yes, I'd like to keep all the handy features and fast scan speed of the latest GRE or Uniden radios as well. I'll continue to use my "one size fits all" scanner for the few things I need to listen to outside that band.

Eric

==========

From dmsmith@tacom-emh1.army.mil

Multiple antenna inputs, say two inputs one for your discone and one for your beam. These would be selectable while in manual mode, discone beam or both. Each channel could be programmed to automaticly select the best antenna for that frequency or direction of reception while scanning.

==========

From brett_miller@ccm.hf.intel.com

I agree. Wideband is synonimous with intermod. How about a scanner that has "plug-in" RF modules for different bands? The digital control stuff could be built in and the user could pop in the band module - complete with filters.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
==========
from jerry@hnrc.tufts.edu
The way miniaturization is working, it may well be possible to stop the box from getting too large. If the idea is sound, there'll be some manufacturer who do it and charge a premium to those who appreciate the quality (or so I'd hope. Guess we need a class below novice . . . naive!)
==========

From jeh@cmkrnl.com

The most ambitious approach would be to rip out the entire microprocessor and memory and replace them with something new. Remember, tuning the scanner is a matter of applying the right voltages to varactor diodes, programming frequency synthesizers, and so on. This simply involves getting the right logic states out of the right pins on the uP at the right times. If the factory-supplied uP

can't be persuaded to emit a certain set of logic states at a certain set of times, it can be replaced with one that will. ("You can be replaced!")

Might as well add a bunch more features too. How about:

- built-in support for truly enormous memories

- adjustable bank limits

- selectable "bank sets" ("I want my virtual banks 1 through 10 to be physical banks 23, 2, 19, 45, ...")

- automatic search-and-store, recording number of hits on each frequency so stored

- channel pairs for repeater uplink/downlink pairs (when carrier drops on one channel of a pair, scanner automatically looks at the other half of the pair for the next signal, before reverting to general scan)

and, of course,

- a high-speed EIA232 port, designed in from the beginning, with provision for uploading and downloading channel memories, full control of scanner, full readout of scanner condition, etc., etc.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055
==========

3041. Dayton, OH Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-04-24 22:54:14 UTC
From: jkearman@arrl.org
Message-ID: <1994Apr24.225414.11615@arrl.org>
Source record: 275080

Anyone have good freqs to monitor while at the Dayton Hamvention?
Ham radio freqs not required!

Thanks.

Jim

3042. NJ law on mobile scanner?

Newsgroup: rec.radio.scanner
Date: 1994-04-24 23:29:25 UTC
From: Mike Yin <CXY118@psuvm.psu.edu>
Message-ID: <94114.192925CXY118@psuvm.psu.edu>
Source record: 275106

Is it legal to listen to a mobile scanner in the car in NJ?

Mike
cxy118@psuvm.psu.edu

3043. Re: San Fransisco Scanner Shops?

Newsgroup: rec.radio.scanner
Date: 1994-04-24 23:33:56 UTC
From: Terry@kimon.demon.co.uk
Message-ID: <767230436snz@kimon.demon.co.uk>
Source record: 275105

Hi All,
seeing the questions about prices of scanners, and radios
and the like in the States. I was wondering if any one could give me
a few Prices to compare with English prices. I hoping to get to the
states later this year, and I could do with some bits and pieces
for the shack. I'm interested in the larger AOR scanners particularly.
The other thing I was wondering about, was how much a Pentium p60
is over there. They are about the 3000 pounds here.
I'd like one, but think I'd have to mortgage the cat to be get one.
{Still who knows one day they might become affordable.}

bfn
And thanks for your time.

--

terry (G7JYT) "If it's not broke,
Don't fix it "

3044. COAX CABLE RG59B/U 60 ???

Newsgroup: rec.radio.scanner
Date: 1994-04-24 23:35:01 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Apr24.193026.1@cad3.uccb.ns.ca>
Source record: 275103

DOES ANYONE HAVE THE ANSWER:
I HAVE JUST AQUIRED SOME COAXAL CABLE.
IT'S A LITTLE LARGER THAN THE REGULAR RG58.
THE NUNBER ON IT IS-----RG-59 B/U 60
IS THIS RG59 CABLE BETTER THAN THE RG58 CABLE?
THANKS IN ADVANCE!
RON

RLING@CAD.UCCB.NS.CA

3045. Re: INMARSAT (legalities of monitoring it?) was re: INMARSAT

Newsgroup: rec.radio.scanner
Date: 1994-04-24 23:37:16 UTC
From: kheld@hookup.net
Message-ID: <kheld.4.2DBB02AB@hookup.net>
Source record: 275104
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

>>In any case, I've never heard of a single prosecution in Canada for
>Hmm. Last I heard (2 years ago) "listening" for police radar was
>illegal up north - but then so is it in CT, DC, and VA.

In Ontario it's legal to buy, own or use a radar detector, unfortunately it is against the Highway Traffic Act for it to be in a vehicle (even if it,s not being used)

So strictly speaking it's not illegal to "listen"

3046. Re: Arizona Scanner Club

Newsgroup: rec.radio.scanner
Date: 1994-04-24 23:57:02 UTC
From: matthewg2@aol.com
Message-ID: <2pf10e$s8c@search01.news.aol.com>
Source record: 275108

In article <znr767172091k@crl>, drice@crl.com (Dennis Rice) writes:
: Is there a scanner club in Arizona?

I'd like to know to... I'm in Tucson.
-Matthew Grossman

3047. Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-04-24 23:59:09 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2pf14d$l0r@umcc.umcc.umich.edu>
Source record: 275107
Cross-posted to: rec.radio.scanner,alt.law-enforcement

From: tim (Tim Tyler)
To: john.tant@exchange.com
Subject: Re: FLASH! -- ILLINOIS A
Newsgroups: rec.radio.scanner,alt.law-enforcement
In-Reply-To: <2d.5588.603.0N850182@exchange.com>
Organization: UMCC, Ann Arbor, MI, USA
Cc:
Status: O

In article <2d.5588.603.0N850182@exchange.com> you write:
>Tim Tyler writes:
>
>> Making it illegal to use a scanner during the commission of a crime is
>>nice, but anyone planning to pull an armed robbery on a liquor store
>>isn't going to leave his or her scanner at home, in fear of the
>>additional charge if they're caught.
>
>That's fine. Add another year or two to the guy's sentence.

I agree.

>> With millions of scanners out there, the solution is for the law
>>enforcement agencies to encrypt their radio circuits. EVen this isn't
>>fool-proof, as a smart crook might look at the signal strength (on input
>>if over a repeater system) of the secure transmission & be able to
>>roughly determine the proximity of the po-lice... Despite my having
>>many scanners, as a taxpayer & member of society, I'm willing to pay my
>>share so that the law enforcement agencies can secure their transmissions.
>
>Not me! I don't want them encrypted, or freq hopping trunked, either!
>
>FIRST: Don't forget, if I pay taxes, then they're my employees. I can't
>think of any other situation where the employees get to hide their work
>activities from their boss(es).

Most Americans --including the majority of the criminals-- pay
taxes in one form or another, be it federal income taxes, or taxes on
their bottles of Mad Dog 20/20. While police are civil servants &
collectively we influence their operations by voting on laws, etc, you or
I are not their leaders. We don't have a legal right to demand to know
exactly what they're doing at all times, because if you & I do, so do
others who will use that knowledge to circumvent them, & thus damage our
society. I can easily give you an example of 'employees hiding their work
from a boss' -- a menial employee in the payroll department who has access

to salary and wage information is often restricted from sharing that information with people that don't have a need to know, including higher-ups in the company. Your analogy is also used by some of the public who are curious about secret activity conducted by the military (e.g. Groom Lake & the so-called Aurora.). They cite examples of fraud & waste, but the examples that they cite were detected either internally by the agency involved, or by other agencies chartered with the oversight/investigation mission (GAO, IGs, FBI, etc.). These citizen groups actively publicize alleged & proven instances of fraud & misconduct, but I've never seen them cite any examples of fraud or misconduct that THEY detected on their own.

Further, I disagree with your use of 'hiding' in that analogy of yours, but I won't get into semantics. In my experiences, if a law enforcement agency has something to 'hide' or otherwise very sensitive info to convey, they won't pass it over a non-secure radio system. You might think that if the LEAs you monitor don't have secure radio systems, you & other scanner hobbyists therefore have carte-blanche access to their ops via your scanner, thus able to perform some sort of self-appointed watchdog role. While perhaps the intention is noble, it isn't very realistic. Someone else tried to use the infamous "Gorillas in the mist" LAPD MDT traffic as an example of police misconduct. Yes, it was police misconduct, but it was the police themselves that discovered, *publicized* and acted against it. It sure wasn't some scanner hobbyist performing some civic duty. There are full-time checks & balances pertaining to law enforcement activities which are often (certainly not always) effective. A scanner enthusiast who hears something they think to be improper & reports it to the proper people is a nice augmentation at times. But a scanner enthusiast who utilizes their knowledge & equipment in an effort to escape detection & prosecution is an activity that is much more likely to occur.

>SECOND: I don't trust my government. PERIOD! I want to be able to listen
>in on occasion.

Have you run for a public office? I think you can & do listen in right now, don't you? What if someone doesn't trust you. "PERIOD." Do they have a right to "listen in?" Of course it depends on the circumstances, particularly the communications media you were using. But regardless of whether it was a VHF radio or telephone, if you used it to discuss sensitive matters, you would want the right to protect the information by utilizing communications security techniques and equipment.

>THIRD: As I mentioned in another posting, I use my scanner to find out
>where accidents and such are so that I can STAY AWAY, and know to use any
>alternate routes I have available.

I really don't want to believe that you feel this is a valid reason for LEAs not to be able to encrypt communications! I have a scanner installed in my car, and drive about 30,000 miles a year. I don't know where you live, but long ago, I discovered that it is much easier to get info on major traffic accidents impeding traffic via broadcast radio, for

example WWJ & WJR in the S.E. Michigan area.

To briefly reiterate my philosphy, I enjoy playing around with scanners, as demonstrated by the several thousand-dollars worth that I own. We seem to agree that Illinois' original anti-scanner legislation was poor. But if law enforcement agencies need to rely on radio communications for law enforcement operations (I hope we agree that law enforcement operations are necessary...), sensitive operations (such as surveillances/investigations, & dispatches to many 'in-progress' type crimes, but not necessarily to traffic accidents, or when giving suspect descriptions) need to be protected by communications security systems. In my opinion, the benefits of doing so will greatly outweigh the negative. The LEAs must have a clear, written & enforced policy concerning information to be transmitted via non-secure systems (not just RF, but particularly cellular phones) & secure systems. Unfortunately, most don't.

> > >John >

>Scariest words in the USA: "Hi! I'm from the government and I'm here to
>help."

A lot of people like to say that. Until a major disaster happens.

The perceived hinderances are much more noticeable (& fun to complain about) than the many benefits which (some) people take for granted.

Thank "the government" for Internet, John.

>---
> * WaveRdr 1.0 [NR] * UNREGISTERED EVALUATION COP

YOU are a cop, John? ;)

Tim
--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

3048. Re: COAX CABLE RG59B/U 60 ???

Newsgroup: rec.radio.scanner
Date: 1994-04-25 00:00:25 UTC
From: Terry@kimon.demon.co.uk
Message-ID: <767232025snz@kimon.demon.co.uk>
Source record: 275109

In article <1994Apr24.193026.1@cad3.uccb.ns.ca> rling@cad3.uccb.ns.ca writes:

> <snip>
> DOES ANYONE HAVE THE ANSWER:
> I HAVE JUST AQUIRED SOME COAXAL CABLE.
> IT'S A LITTLE LARGER THAN THE REGULAR RG58.
> THE NUNBER ON IT IS-----RG-59 B/U 60
> IS THIS RG59 CABLE BETTER THAN THE RG58 CABLE?
> THANKS IN ADVANCE!
> RON
>
> RLING@CAD.UCCB.NS.CA
>

Hi Ron,
just looked them both up for you in the Radio Comm. Handbook
(by the RSGB here in England)
{The copy I have is a bit old now, but the data will be the same}

rg58 50 ohms, db loss @ Mhz (per 100ft):-
.42@1 , 1.4@10 , 4.9@100 , 24.0@1Gig , 45.0@3Gig
rg59 b/u 75ohms, db loss @ Mhz (per 100ft):-
??@1 , 1.1@10 , 3.4@100 , 12.0@1Gig , ????@3Gig

In other words, yes, it appears to be better.
The ??? ones are't quoted.
73's bfn Terry..
--

terry (G7JYT) "If it's not broke,
Packet :- g7jyt@g7jyt.ampr.org Don't fix it "
Packet tcpip :- 44.131.255.18

3049. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-25 00:43:14 UTC
From: stujorda@eku.acs.eku.edu
Message-ID: <1994Apr24.194314.2304@eku.acs.eku.edu>
Source record: 275081

In article <2p1el9$m12@clarknet.clark.net>, andy@clark.net (Andrew M. Cohn) writes:
> russell.w.keating (russell@cbnewsd.cb.att.com) wrote:
>
> : Ted Moran of C.A.R.M.A. (Chicago Area Radio Monitoring Association)
> : brought this to my attention. This should be of intrest to the
> : amateur community as well as the scanner enthusiast. Even if you do
> : not live in Illinois, it would be worth writing the Illinois
> : Legislature and the Governor, voicing your opposition to this bill.
> : Your state might be next!
>
>
> : >FLASH - IMPORTANT - ACT NOW...
> : >
> : >HOUSE BILL 4180 - 88TH GENERAL ASSEMBLY
> : >STATE OF ILLINOIS 1993 AND 1994
> : >
> : >INTRODUCED BY REPRESENTATIVE CROSS ON 12 APRIL 1994
> : >
> : >SYNOPSIS AS INTRODUCED 720 ILCS 5/31-9 NEW
> : >
> : >LRB8814416RCMB Sec.31-9
> : >
> : >Amends the Criminal code of 1961. Prohibits the possession of a
> : >receiver or transceiver capable of monitoring or broadcasting
> : >police, fire, or other municipal radio frequencies unless the
> : >device operates exclusively on alternating current power. Penalty
> : >is a Class B misdemeanor. Exempts peace officers, fire officials,
> : >municipal employees, agents acting in an official capacity, and
> : >the press.
>
> I'm not sure, but it seems like a possible loophole might be to use an
> AC-ONLY scanner in your vehicle, powering it via an AC portable power
> inverter (Radio Shack # 22-132). Although the car's DC battery is the
> original source of the power, the scanner itself still operates on
> alternating current. Bet that would make an interesting test case! ;)
>
> But, my guess is, the bill is worded in such a manner as to preclude this
> possiblity. : (
>

If this is the case, then just about any Bearcat home scanner would be
in violation of the law, because they operate on a 12VDC adapter.
Eventough they plug into an AC outlet, it is operating on 12VDC.
Darrell Jordan--Stujorda@acs.eku.edu

3050. Re: Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-04-25 01:02:52 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2pf4rs$mi3@umcc.umcc.umich.edu>
Source record: 275111
Cross-posted to: rec.radio.scanner,alt.law-enforcement

Tim, just wondering where your data came from. I assume you have data to backup the statement to the effect that scanners are more likely to be used for criminal activities then for the more noble acts. Sounds like Media Hype. The same Media Hype the big Anti-Handgunner journalist used who said guns should be outlawed. He, by the killed a kid breaking into his house and he of course used an unregistered handgun.

Listening to several of the trunked radio systems in the Detroit area that have a phone patch I know why they want secure radios. They don't want the taxpayers to hear them call their girlfriends, wives etc and shoot the bull and or talk about the people who they just completed a call to.

There is a very fine line between freedom and order. Such a fine line I don't think the proper balance will ever be reached. We as a society seem to be approaching Russia's former society and they ours. I don't think we are going to be the lucky of the two. I hope I'm wrong. I'm not ready to give up freedoms to reach a more law and order society. I think the proper way is to enforce the gazillions of laws that are already on the books.

A fellow Michigander Les

3051. Re: COAX CABLE RG59B/U 60 ???

Newsgroup: rec.radio.scanner
Date: 1994-04-25 03:46:02 UTC
From: strech1@aol.com
Message-ID: <2pfedq$1oe@search01.news.aol.com>
Source record: 275116

In article <1994Apr24.193026.1@cad3.uccb.ns.ca>, rling@cad3.uccb.ns.ca writes:

RE Rg59 vs RG58
RG59 is commont TV cable coax, while the impedance is off (75ohm vs 50 ohm for RG58) you can put it to use if you have no intentions of transmitting. I use the RG6 TV coax at my setup,
The loss for RG58 at 900 mhz are too high to even consider it for runs over 6 feet.

3052. Re: Mod for Pro-2030?

Newsgroup: rec.radio.scanner
Date: 1994-04-25 03:56:24 UTC
From: copeland@metronet.com
Message-ID: <Cosqy1.42x@metronet.com>
Source record: 275119

In article <CooooJ.89u@zimmer.csufresno.edu>,
Jeff Wiens <jwiens@mondrian.CSUFresno.EDU> wrote:
>Has anyone seen a mod for the Pro-2030? I haven't been able to
>find one on the major ftp sites.

Cut L201. Its a loop of wire.

3053. Re: Ill scan ban "LAW WORDING"

Newsgroup: rec.radio.scanner
Date: 1994-04-25 04:09:01 UTC
From: armadillo1@aol.com
Message-ID: <2pffot$20q@search01.news.aol.com>
Source record: 275117

In article <m2B0kc6w164w@cellar.org>, kbarger@cellar.org (Kyle Barger) writes:

Wasn't there recently an FCC ruling about local laws being in conflict with FCC regs... which do permit the ownership of scanner equipment particularly at home?

I certainly hope somehow this turkey can be defeated! We don't need any more erosion of our right to a public resource (spectrum)!

Good Luck

3054. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-25 04:14:33 UTC
From: decastro@netcom.com
Message-ID: <decastroCosrs9.2Is@netcom.com>
Source record: 275118
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

an030@cleveland.Freenet.Edu (Broward Horne) writes:

>In a previous article, fs@cs.tulane.edu (Frank Silbermann) says:

>>
>><2pbv2l$qd4@bigblue.oit.unc.edu> austin@physics.unc.edu Jim Austin :
>>>
>>
>>> When they come for my hunting rifle I'll be standing there
>>> elbow to elbow with my neighbors, and mine'll be loaded
>>> (and the shotgun, too). But when they come for the guns
>>> built to kill people, they have my support.

> What an incredible idiot.
True.
> I don't need *this* guy behind me.

In front might be better.....

What the hell is this clown going to DO with his hunting rifle (and shotgun, too) when he's standing "elbow to elbow with (his) neighbor"? The gun is a TOOL,
Mr. Austin. It doesn't DO anything, until YOU do.

>--
>
> " Bill Clinton is not a criminal "
> - Lynn Wallace

--
==========
decastro@netcom.com Warning: I am a trained professional. No, Really!
Rick N6RCX EMT-A ATP Do Not try this yourself - it could get ugly......
Richard A. De Castro - California, but not for ever. Home wanted.
==========

3055. Re: San Fransisco Scanner Shops?

Newsgroup: rec.radio.scanner
Date: 1994-04-25 06:21:03 UTC
From: dgoodman@aol.com
Message-ID: <2pfngf$3u8@search01.news.aol.com>
Source record: 275120

In article <2peo4m$1la@falcon.ccs.uwo.ca>, "p.d. specht" <ppdpds@julian.uwo.ca> writes:

>>I will be enjoying a week in San Fransisco

One of the best-equipped stores in the Bay area is Scanners Unlimited in San Carlos (about 30 minutes south of SF). Their prices are okay, but not great. You might also try the Ham Radio Outlet stores: one in Sunnyvale, the other in Oakland (or thereabouts). Nothing in downtown SF, as far as I know.

Danny Goodman

3056. Weather Sat freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-25 07:27:21 UTC
From: boyer@rd.eng.bbc.co.uk
Message-ID: <Cot0pM.I01@bbc.co.uk>
Source record: 275122

I am trying to put together a list of frequencies for the low orbit
weather satelites. Such as NOAA Meteosat etc. If anyone has freqs please
post them to me and I will compile a 'definitive list' and post it on the net.
It might also be an idea to state what mode (apt or hrpt) is transmitted
on any frequencies listed.

John B

John.boyer@rd.eng.bbc.co.uk

3057. Re: Help with final decision on a Scanner purchase?

Newsgroup: rec.radio.scanner
Date: 1994-04-25 08:38:21 UTC
From: phn@dde.dk
Message-ID: <1994Apr25.083821.20658@dde.dk>
Source record: 275028

In article <2p6qle$d6s@inca.gate.net> habu@inca.gate.net (Michael Fink)
writes:
> I am about to purchase either a Icom R1 or a RS Pro-43,anybody have
> reasons why I should lean one way or the other. I plan to use it for
> general scanning,I already own a Bc200xlt but would like a little more
> frequency coverage. Any comments would be appreciated.

You might also consider getting a base unit. Remember that
when designing portable units, performance are sacrificed in terms
of portability. I think the BC200 has the necessary coverage for
portable use whilst a good base scanner with general coverage is
an excellent second choice. Also remember that a good base scanner
allows you to connect an outdoor antenna without overloading the
radio. Portable radios usually suffers from intermodulation and overload
when connected to outdoor antennas. In urban areas they might even
become totally useless.

I don't know if you already operates your BC200 from an external antenna
when home but if not, getting a base scanner and a good outdoor antenna
(I can recommend a discone antenna) will open a whole new world of
scanning.

If you are attracted by the HF coverage offered by the IC-1 and some
other portable units forget it. If you wants HF you are probably
much better off getting a second hand HF communications receiver.

In my opinion the ideal combination is a base unit for home and a portable
for car/walk.

Based on own experience and on information from other users I would
recommend the PRO-2006 as a base unit and the PRO-43 as portable.
--
Per H. Nielsen Telephone: Int +45 42 84 50 11
Basic Applications Fax: Int +45 42 84 52 20
Dansk Data Elektronik A/S, Herlev, Denmark E-mail: phn@dde.dk

3058. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-25 08:58:42 UTC
From: phn@dde.dk
Message-ID: <1994Apr25.085842.20663@dde.dk>
Source record: 275027

shawnlg@netcom.com (Shawn Gordhamer) writes:

>After reading some of the FTP files on oak.oakland.edu in
>/pub/hamradio/mods/tandy, it seems that every radio shack scanner and (I
>suppose) most other scanners come with software capable of monitoring
>cellular frequencies, but a jumper or a pin allows the software to
>determine that these are not to be scanned. Removing the jumper must set
>a different logic level on the microprocessor pin that can be read by
>software.

>Why is this done? If it is truly illegal to scan these frequencies,
>wouldn't it make sense for the software itself to be unable to do so? Is
>the easy mod put there to attract sales from people who like to delve in
>quazi-illegal stuff? Are these frequencies used for something else in
>other countries where the scanner is sold?
>--

Well most countries have cellular phones in the 800-900-1000 MHz range, but
the exact frequencies vary from system to system.

The real reason for allowing the modification is because the scanners
are usually sold world wide and some countries have no limitations
on what you may monitor.

I live in Denmark, where scanners are absolutely illegal cellular
capabilities or not. But in Sweden (only 45 minutes by boat from here),
there are no restrictions and all scanners are sold without limitations,
so you don't have to do any modifications to get full coverage.

I will be interesting to see what the manufacturers will do in the future.
My guess is that they will make two models, one for the US and one for the
rest of the world, with the only difference being the chip containing
the driving software.

Remember that even today the are different models around due to
different mains voltage levels in different countries.
--
Per H. Nielsen Telephone: Int +45 42 84 50 11
Basic Applications Fax: Int +45 42 84 52 20
Dansk Data Elektronik A/S, Herlev, Denmark E-mail: phn@dde.dk

3059. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-25 09:04:26 UTC
From: uncia@selway.umt.edu
Message-ID: <1994Apr25.090426.12567@selway.umt.edu>
Source record: 275124
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

In article <2pend7$1bj@herald.indirect.com>,
Jason and Heather <steiners@indirect.com> wrote:
>Jim Austin (austin@physics.unc.edu) writes:
>>
>> When they come for my hunting rifle I'll be standing there elbow to
>> elbow with my neighbors, and mine'll be loaded (and the shotgun,
>> too).
>>
>> But when they come for the guns built to kill people, they have my
>> support.

Perhaps Mr. Austin would be interested in the following:

THE WHITE HOUSE

Office of the Press Secretary

For Immediate Release April 16, 1994

PRESS BRIEFING
BY
SECRETARY OF HOUSING AND URBAN DEVELOPMENT HENRY CISNEROS
AND ACTING ASSOCIATE ATTORNEY GENERAL BILL BRYSON

The Briefing Room

10:38 A.M. EDT

{snip, snip}

[Henry Cisneros]
Secondly, obviously, sweeps can occur in vacant units.
I was along with a sweep team last Sunday evening in Chicago that
netted something on the order of 25 weapons just Sunday night --heavy
weapons, rifles, 30-06 weapons with scopes, automatic weapons and
^^^^^^^^^^^^^^^^^^^^^^^^^
revolvers -- just on Sunday night.

[snip, snip}

[more Cisneros]

What you end up with, then, is high-rise buildings
adjacent to each other with young men spotting from the upper stories
to see whether their rival gang members are moving around in the
common space between the buildings, and shooting from building to
building with heavy weapons. I mean, a 30-06 deer rifle with a scope

^^
is the kind of weapon that's in use and the kind of weapon that was
^^
confiscated the other night.
^^^^^^^^^^^^^^^^^^^^^^^^^^^
{end totalitarian blather}

Anyone who still doubts that they want them all is a moron.

3060. Yupiteru differences

Newsgroup: rec.radio.scanner
Date: 1994-04-25 09:04:54 UTC
From: janne@elixir.e.kth.se
Message-ID: <JANNE.94Apr25090454@elixir.elixir.e.kth.se>
Source record: 275121

Could anyone please tell me which are the major differences between the models Yupiteru MVT-7000 and MVT-7100.

If you compare them to an Icom R1, which is the most competitive?

Thanks in advance!

/ Janne

3061. Anyone going to Dayton?

Newsgroup: rec.radio.scanner
Date: 1994-04-25 12:36:47 UTC
From: scott@redstorm.nawc-ad-indy.navy.mil
Message-ID: <9404251236.AA17752@cs.utexas.edu>
Source record: 275030
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Is anyone here on r.r.s. going to the Dayton Hamvention this weekend?
It might be nice to meet some of the faces behind the names we see on
the net everyday. If there'e enough interest, maybe we could set a place
and time to meet and swap stories and info.

| Scott Richardson |
| scott@redstorm.nawc-ad-indy.navy.mil |
| 72237.2420@compuserve.com |

3062. Re: Minnesota Freqs

Newsgroup: rec.radio.scanner
Date: 1994-04-25 12:41:03 UTC
From: tyk@aol.com
Message-ID: <2pgdov$843@search01.news.aol.com>
Source record: 275031

In article <94113.140105RSWANSO@auvm.american.edu>, <RSWANSO@auvm.american.edu> writes:

> Does anyone please have a list of frequencies for the Minnesota
> area, especially the Twin Cities.

I would appreciate receiving a copy of any such list also...

3063. 900 MHZ FREQUENCIES

Newsgroup: rec.radio.scanner
Date: 1994-04-25 13:09:03 UTC
From: jkwiatkowski@attmail.com
Message-ID: <9404251308.AA19542@cs.utexas.edu>
Source record: 275032

Wee,I am trying again to post the following message.I got an error report for some odd reasonthe first time,so here goes a second time.....

------------ Begin Forwarded Message ------------
Date: Mon Apr 25 01:16:26 -0500 1994
Delivery-Date: Mon Apr 25 02:16:46 EDT 1994
From: internet!cs.utexas.edu!daemon
Subject: mail-to-news error
To: !jkwiatkowski
Content-Length: 730

The post failed.
Warning Can't connect to server -- Article will be spooled.
Can't create spool file, Read-only file system.

------- original message appended -------

From jkwiatkowski@attmail.com Mon Apr 25 01:15:03 1994
Message-Id: <9404250615.AA04597@cs.utexas.edu>
Received: from gw1.att.com by cs.utexas.edu (5.64/1.28/mx-relay) with SMTP
id AA04597; Mon, 25 Apr 94 01:15:03 -0500
From: jkwiatkowski@attmail.com (John Kwiatkowski)
Date: 25 Apr 94 05:49:21 GMT
To: rec-radio-scanner@cs.utexas.edu
Received: from jkwiatkowski by attmail; Mon Apr 25 05:49:21 GMT 1994
Subject: 900 MHZ Frequency Info Needed!
Content-Type: text

Can anyone tell me what the new 900 mhz frequencies are for cordless telephones?
Thanks!
John

3064. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-25 13:12:34 UTC
From: netzel@neon.afsac.wpafb.af.mil
Message-ID: <netzel.767279554@neon.afsac.wpafb.af.mil>
Source record: 275084

russell@cbnewsd.cb.att.com (russell.w.keating) writes:

>Ted Moran of C.A.R.M.A. (Chicago Area Radio Monitoring Association)
>brought this to my attention. This should be of intrest to the
>amateur community as well as the scanner enthusiast. Even if you do
>not live in Illinois, it would be worth writing the Illinois
>Legislature and the Governor, voicing your opposition to this bill.
>Your state might be next!

>>FLASH - IMPORTANT - ACT NOW...
>>
>>HOUSE BILL 4180 - 88TH GENERAL ASSEMBLY
>>STATE OF ILLINOIS 1993 AND 1994
>>
>>INTRODUCED BY REPRESENTATIVE CROSS ON 12 APRIL 1994
>>
>>SYNOPSIS AS INTRODUCED 720 ILCS 5/31-9 NEW
>>
>>LRB8814416RCMB Sec.31-9
>>
>>Amends the Criminal code of 1961. Prohibits the possession of a
>>receiver or transceiver capable of monitoring or broadcasting
>>police, fire, or other municipal radio frequencies unless the
>>device operates exclusively on alternating current power. Penalty
>>is a Class B misdemeanor. Exempts peace officers, fire officials,
>>municipal employees, agents acting in an official capacity, and
>>the press.

....The last time a local government tried this was with HAM radio antennas. The outcome was they could not declare an absolute ban on the antennas. They could only limit the installation based upon safety regulations, not appearance. The result was that if the outcome of any confrontation caused the amature operator to be deprived of operating then the Federal law takes precedence. I see the state of illinois running smack dab into federal court just like Tennessee did and they will LOSE big time. They also have to contend with the ECPA which allows monitoring of any and all (non-encrypted) public service, GMRS frequencies and Federal Government frequencies. They may possibly get you on the use of it in a vehicle as a distraction during driving but then they'd have to contend with the use of cellular phones also......but that would be a vehicular and not a criminal offense.....we'll just have to wait and see.....by the way Tennessee tried to ban ham radios from vehicles because they could pick up the public service band.....

>>
>>THIS IS OUTLANDISH! Write to the members of the Illinois
>>Leigslature, and the Governor. Especially this fellow Cross. This
>>is clearly in violation of the FCC directive on laws restricting
>>the possession of amateur radio equipment. Your PRO-2006 and most
>>other Base radios can be powered by 12VDC, and thus would be made
>>illegal under this propsal. Pass this message onto other BBS
>>systems. Notify every amateur radio operator you know, and the
>>ARRL. Get ready to write a lot of letters. I will post a complete
>>address list for the Illinois House of Reps in the next few days.
>>
>>Note that the press are exempt. Act now or dont complain when
>>they arrest you for listening to the radio. This is not a joke.
>>This is real. Its time once again to defend our rights, what are
>>you going to do? - Ted / Chicago Area Radio Monitoring Association.

>--
>Russell Keating, N9LIL ------------> Send email to: russell1@intgp1.att.com

3065. Another one...

Newsgroup: rec.radio.scanner
Date: 1994-04-25 13:17:24 UTC
From: jkwiatkowski@attmail.com
Message-ID: <9404251317.AA19853@cs.utexas.edu>
Source record: 275033

This is the other message I tried to post that failed.Let's try again...
------------- Begin Forwarded Message -------------
Date: Mon Apr 25 01:16:39 -0500 1994
Delivery-Date: Mon Apr 25 02:16:59 EDT 1994
From: internet!cs.utexas.edu!daemon
Subject: mail-to-news error
To: !jkwiatkowski
Content-Length: 815

The post failed.
Warning Can't connect to server -- Article will be spooled.
Can't create spool file, Read-only file system.

------- original message appended -------

From jkwiatkowski@attmail.com Mon Apr 25 01:15:19 1994
Message-Id: <9404250615.AA04628@cs.utexas.edu>
Received: from gw1.att.com by cs.utexas.edu (5.64/1.28/mx-relay) with SMTP
id AA04628; Mon, 25 Apr 94 01:15:19 -0500
From: jkwiatkowski@attmail.com (John Kwiatkowski)
Date: 25 Apr 94 06:01:44 GMT
To: rec-radio-scanner@cs.utexas.edu
Received: from jkwiatkowski by attmail; Mon Apr 25 06:01:44 GMT 1994
Subject: Realistic Pro-78 Scanner
Content-Type: text

I have a Realistic Pro-78 8 channel scanner I would like to sell.It is crystal
controlled.It is an older model.If anyone is interested,please respond to my e-mail
address.Thanks!
John

3066. Re: Yupiteru differences

Newsgroup: rec.radio.scanner
Date: 1994-04-25 14:10:18 UTC
From: crisp@netcom.com
Message-ID: <crispCotJD7.8xq@netcom.com>
Source record: 275043

In article <JANNE.94Apr25090454@elixir.elixir.e.kth.se> janne@elixir.e.kth.se (Jan Gustafsson) writes:
>Could anyone please tell me which are the major differences between the models
>Yupiteru MVT-7000 and MVT-7100.
>
>If you compare them to an Icom R1, which is the most competitive?
>
>Thanks in advance!
>
>/ Janne

the mvt7000 and the mvt8000 do not receive SSB. The mvt7100 does.

The R1 is a nice radio, but falls a bit short of the mark withoug
having extensive filter mods done. I had one once that I sent
to Raycom in England for the filter mods. With that done it
worked pretty well.,

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3067. Batteries

Newsgroup: rec.radio.scanner
Date: 1994-04-25 15:13:04 UTC
From: ckf@christa.unh.edu
Message-ID: <2pgmm0$1n5@mozz.unh.edu>
Source record: 275040
Cross-posted to: rec.radio.swap,rec.radio.scanner

Does anyone know where I can get a 10.8 volt, 700mah battery for the Relm WHS-150 two way radio BESIDES the company. I know there are some good catalogues and such. Please respond by e-mail ckf@christa.unh.edu

Thanks!

Chris Fowler

3068. Las Vages Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-04-25 15:25:12 UTC
From: arik@thepad.EBay.Sun.COM
Message-ID: <2pgnco$ne2@male.EBay.Sun.COM>
Source record: 275047

I am going to Las Vages next weekend and would like to have the police, fire and ambulance frequencies.

Also, does anyone have the frequencies for any of the hotels (The Luxor!)?

Any other interesting Vages frequencies would be cool too.

Thank you,
Arik Klingensmith arik.klingensmith@ebay.sun.com

3069. Re: LoJack Freqs ???

Newsgroup: rec.radio.scanner
Date: 1994-04-25 15:40:20 UTC
From: wps@ElSegundoCA.NCR.COM
Message-ID: <6020@tdbunews.teradata.COM>
Source record: 275036

```
In article qi6@search01.news.aol.com, scan911@aol.com (SCAN911) writes:
-->In article <6012@tdbunews.teradata.COM>, wps@ElSegundoCA.NCR.COM (Bill
-->Starkgraf) writes:
-->
-->nope....wrong Lojack. The one you have there is Lo Jac and probably is a
-->construction firm being an industrial radio service license. Lojack was
-->successful in stealing 173.075 MHz nationwide from the FBI. 73, Chuck
--> scan911@aol.com

Thanks for the correction. I just pulled the freq from the FCC data base.

Bill

+---------------------------------------------------------------------+
| Bill Starkgraf wps@ElSegundoCA.ncr.com |
| AT&T Global Information Solutions (310) 524-5754 |
| El Segundo, CA (800) 222-8372 x5754 |
| |
| Call: KD6UQB Simi Settlers ARC |
| Simi Valley, CA |
+---------------------------------------------------------------------+
```

3070. Re: Disney Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-25 15:43:32 UTC
From: wps@ElSegundoCA.NCR.COM
Message-ID: <6021@tdbunews.teradata.COM>
Source record: 275037

From caliban@soda.berkeley.edu (rocky mullin)
Newsgroups: rec.radio.scanner
Subject: Disneyland frequencies
Date: 4 Jan 94 21:51:50 GMT

here's something i picked up from our forum...

[DizneyLand] Message 35 (15 left): Tue Dec 28, 1993 9:07pm
>From: moo (matthew@ucscb)
Subject: useful data
55 lines (?)

Disneyland (Anaheim) Frequencies of interest
last update: 9/13/92
gathered from extensive monitoring (10 days total, 1987, 1990, 1991, 1992)

146.940 (R (-)) Amateur Repeater (CTCSS = 131.8 Hz)

154.570 Show Ushers,Jungle Cruise,Construction Ops
154.600 Show Ops,Submarines
154.625 Disneyland Pagers

Purple 462.575 R Wide Area shared repeater
Silver 464.0375 R Custodial / Vending
464.1125 R * Telephone Interconnect
464.2375 R * Hotel Ops / Housekeeping
464.2875 R * Hotel Engineering
464.325 Paging (some disney tfc.?, mostly other tfc.)
464.3625 R * Hotel Operations / Construction
Orng 464.4125 R Maintainance
Blue 464.4625 R Security (In Park, Parking Lot, and Hotel)
Green 464.4875 R Operations / Entertainment
Yellow 464.5125 R Parade Operations / Pyrotechnics Ops
Brown 464.5375 R Maintainance
2/Red 464.6375 R Common / Tactical (formerly telephone interconnect)
12/Pink 464.7125 R * Fantasmic Event Operations
White 464.7625 R Trains / Monorails
464.8875 R * Operations Secondary (Occasional tfc.)
464.9875 R * Events secondary (Occasional parade/Fantasmic tfc.)
(all 464.xxx channels, CTCSS = 162.2 Hz; 'R'= Rptr., Input +5 MHz)

208.400 * Fantasmic Crew Intercom Headsets (To headsets from sys.)

194.000 Parade Floats Audio (Lead Float)
194.600 Parade Floats Audio (Alice in Wonderland)
195.200 Parade Floats Audio (spare)
195.600 Parade Floats Audio (Cinderella)

196.000 Parade Floats Audio (Peter Pan)
204.600 Parade Floats Audio (Dumbo)
205.000 Parade Floats Audio (Snow White & Dwarves)
205.600 Parade Floats Audio (Pinnochio)
206.000 Parade Floats Audio (Pete's Dragon)
206.600 Parade Floats Audio (spare)
207.200 Parade Floats Audio (America)
207.600 Parade Floats Audio (spare)
208.000 Parade / Fireworks & Tinkerbell Cueing
(name in parentheses is for Main Street Electrical Parade,
Daytime parade floats use same channels)

Unknown frequencies
several 200 MHz? Fantasmic Crew Intercom Headsets (to system)
200 MHz? Audio from pre-Fantasmic Jazz Band raft
200 MHz? Fantasmic Audio TO Rivercraft

* - New finds for 1992

+---+
| Bill Starkgraf wps@ElSegundoCA.ncr.com |
| AT&T Global Information Solutions (310) 524-5754 |
| El Segundo, CA (800) 222-8372 x5754 |
| |
| Call: KD6UQB Simi Settlers ARC |
| Simi Valley, CA |
+---+

3071. Re: SMR Vs Cellular

Newsgroup: rec.radio.scanner
Date: 1994-04-25 15:51:53 UTC
From: d92-sam@nada.kth.se
Message-ID: <2pgoup$b6b@news.kth.se>
Source record: 275091
Cross-posted to: rec.radio.scanner,alt.cellular,alt.cellular-phone-tech

What is In article <2p7a7f$482@ionews.io.org>, lawrence@ionews.io.org (Lawrence Kwan)
writes:
|> I am looking for more information on SMR (Specialized mobile radio).
|> Recently, I have heard a lot of talks about SMR being a direct competition to
|> cellular. My impression of SMR has always been radio used by police, taxi,
|> ambulance...etc. Has digital technology enable SMRs to function just like
|> a cellular?

What is SMR, is it some sort of improved digital comradio/(semi)manual
cellphonesystem?

Sam
--

_____
Sam Spens Clason, CS student, Royal Institute of Technology

3072. Re: digital celluar

Newsgroup: rec.radio.scanner
Date: 1994-04-25 15:55:38 UTC
From: magnet@nRCHs022
Message-ID: <2pgp5q$hse@corpgate.nt.com>
Source record: 275034
Cross-posted to: alt.radio.scanner,rec.radio.scanner,talk.politics.firearms

Richard Crisp (crisp@netcom.com) wrote:
: In article <940420222607381@info-net.com> ken.gettys@info-net.com (KEN GETTYS) writes:
: >Arn't the celluar service providers switching to digital signals and
: >therefore making the celluar transmittions unlistenable via scanners
: >anyway?

There WILL be ways to decode these signals with existing scanners.

: yes this is what is now happening. It will take some time before the
: analog gear is phased out, but it does serve to underscore the silliness
: of the new law.

Probably about 10 years.

: The new law banning cellular capable scanners is very similar to what
: happened with certain firearms in 1986. First machineguns were

Many Americans think that they can gain saftey by giving up their,
or OTHER people's FREEDOM. But in the end, all we lose is our freedom.
Most people don't care about GUNS or SCANNERS. As long as you don't
enfringe on a large group you can slowly take away one privlidge
after another. Kind of like the frog in a kettle illustration. Or like
the story that was told by the German (I forget his name and other details)
who described the apathy of other Germans toward the Jews and other
persecuted people under Hitlers reign until they too were targeted. By
then it was too late.

: In 1934 the first laws were put on the books at the Federal level
: to protect radio and wire communications. In 1986 (see the pattern?)
: the ECPA was passed with a large amount of lobbying by the cellular
: telephone industry association. In 1992, we got the scanner ban
: jammed down our throats. Now we are reading of legislation in Illinois
: making it illegal to *possess* a battery powered scanner.

I heard that this law was passed after a certain congressman was overheard
talking about something unlawfull on his cel phone.

: It is important to recognize that the government is out to destroy our
: hobby despite the fact that the overwhelming majority of scanner listeners
: are doing so for their own personal enjoyment and are presenting a threat
: to no one.

The last time I went to the polls to vote there was no one else there!

: I get really disgusted with the notion that the government is here to
: help and protect us and is doing so by encroaching my liberties on a

: daily basis. I have never considered myself anything like a radical,

WRONGO BUCKO 8-) The government is here to make laws and TAKE AWAY
FREEDOM. Since the formation of this Republic they have been doing
so. And we the SLEEPING SILENT majority have let them.

: I'd be interested in other opinions others may have on this.

You got mine.

: --
: Richard Crisp Cupertino, Ca. crisp@netcom.com
: (415) 903-3832 wk (408) 253 4541 fax
: "It is a good thing that we do not get as much government as we pay for"
: -Will Rogers

--
brad.glidewell@nt.com

All this stuff is mine and nobody else's.

3073. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-25 16:09:44 UTC
From: austin@physics.unc.edu
Message-ID: <2pgq08$otl@bigblue.oit.unc.edu>
Source record: 275035
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

by the time they come for your hunting rifles, there won't be any neighbors to stand "elbow to elbow" with. you'll learn the same lesson pastor Niemoller did, but yours will be even more painful. he simply didn't speak up for the demonized members of his society.

Possibly the most preposterous analogy I've heard or read in at least 20 minutes. Not to mention offensive to millions of REAL victims with something legitimate to cry about (if they are still able, which is unlikely).

Rich white boy gun collector <> holocaust victim. Sorry. There are some good arguments against gun control. How come you guys never use them?

I'd like to make a general comment, not directly related to this issue. Have you ever noticed how obnoxious people can be when they're driving away from you in there cars? People who would never dream of pushing in line in front of you at the supermarket don't hesitate to force you off the road to save 5 seconds. I don't think they'd do it to your face, y'know? I think this electonic communication sh*t is similar. Somehow this electronic intermediary causes to be far more obnoxious and offensive than they'd probably be to your face. I don't mean that to sound like some sort of a challenge. It's just an observation. Do you talk that way to your friends? Your coworkers?

JC Austin

3074. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-25 16:15:57 UTC
From: austin@physics.unc.edu
Message-ID: <2pgqbt$vvj@bigblue.oit.unc.edu>
Source record: 275038
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

Which is precisely what the attacks on civilian
owned military-style semi-automatics are all about in the USA.

I don't agree. I don't buy it. Who are these guys, and why do they want our
guns so much? FBI? CIA? Liberal media? ACLU? Democratic National
Committee?

Incidently, smarter than a frog does NOT equal intellectual. Frogs aren't
that smart ('though I guess it depends what you're used to).

jca

3075. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-25 16:25:40 UTC
From: austin@physics.unc.edu
Message-ID: <2pgqu4$10ln@bigblue.oit.unc.edu>
Source record: 275039
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

.Those that stand by and do nothing are no better than a frog. Parnass
.did the right thing by contacting and educating Mr Cross. We all owe him
.a big thanks. Many many bad laws are railroaded through by well intentioned
.people that simply do not understand or care about the full ramifications
.of their action.

I applaud any vigilance aimed at protecting our liberties. I hope you guys fight like hell. I also hope that the powers that be listen to you and to people who disagree with you and make the best decision they can, which I doubt will be the one you support.

.I'd also like to see a bit of tie in to specific acts where anti tank
.weapons have been used against police cars and a bit more info on the house
.wife that blew away foriegners and got away with it.

First point: Okay, so I exaggerated. I shouldn't have--I don't want to fan the flames of crime hysteria.

Second point: somewhere in Louisiana. Killed a Japanese guy. Got off. Also near here in Durham NC. Homeowner found some kids in his garage. They ran, so he shot one of them in the back and killed him. Got off.

jca

3076. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-25 16:33:32 UTC
From: austin@physics.unc.edu
Message-ID: <2pgrcs$ori@bigblue.oit.unc.edu>
Source record: 275041
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

Now. That feels better.

Nothing like a good, solid kick in the groin to advance the cause of human freedom. If you can't engage in constructive debate, you probly don't deserve your freedom. I guess I understand better now why they want to take away your guns (they haven't come for mine yet).

See my previous posting re obnoxious drivers.

jca

3077. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-25 16:33:32 UTC
From: austin@physics.unc.edu
Message-ID: <1994Apr25.140238.676@cup.edu>
Source record: 275049
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

I don't need *this* guy behind me.

What a useless pile of human garbage.
Lines: 12
Message-ID: <2pgrcs$ori@bigblue.oit.unc.edu>
References: <2pbv2l$qd4@bigblue.oit.unc.edu> <2pdsgc$s05@news.cs.tulane.edu>
<2per47$85m@usenet.INS.CWRU.Edu>
NNTP-Posting-Host: caligula.physics.unc.edu
Xref: toads.pgh.pa.us rec.radio.scanner:6287 rec.radio.shortwave:12574
talk.politics.guns:64990

Now. That feels better.

Nothing like a good, solid kick in the groin to advance the cause of human freedom. If you can't engage in constructive debate, you probly don't deserve your freedom. I guess I understand better now why they want to take away your guns (they haven't come for mine yet).

See my previous posting re obnoxious drivers.

jca

3078. Re: NJ law on mobile scanner?

Newsgroup: rec.radio.scanner
Date: 1994-04-25 16:55:08 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2pgslc$p0t@slinky.cs.nyu.edu>
Source record: 275092

Yes.

In article <94114.192925CXY118@psuvm.psu.edu>, Mike Yin <CXY118@psuvm.psu.edu> writes:
|> Is it legal to listen to a mobile scanner in the car in NJ?
|>
|> Mike
|> cxy118@psuvm.psu.edu

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

3079. Security Guards freq?

Newsgroup: rec.radio.scanner
Date: 1994-04-25 17:35:29 UTC
From: jwiens@mondrian.CSUFresno.EDU
Message-ID: <Cotsv5.LKE@zimmer.CSUFresno.EDU>
Source record: 275065

I live in an apartment in Fresno, California, and would
like to listen in on the security guards radios. Does anybody
have any idea how I might go about this?

Also, I've heard that if I call a certain number, I can speak
directly to the guard one-way (i.e. He hears me but can't talk).
What range would that be?

Thanks!

-Jeff

3080. AT&T AIR ONE SYSTEM

Newsgroup: rec.radio.scanner
Date: 1994-04-25 18:08:23 UTC
From: gst@gagme.wwa.com
Message-ID: <2ph0un$l7a@gagme.wwa.com>
Source record: 275044
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I do not fly very often, so I could not help but notice the the
telephones that were mounted in back of the seats on the airliner
I was in this week as I went on vacation.

The system was called AT&T AIR ONE. Is it possible to receive this on my
scanner?? Probably not, but I thoght I would ask anyway.

gst

--
GEORGE S. THURMAN (312) 509-6308 gst@gagme.wwa.com

** Mr. Clinton, tear down that embargo !! **

3081. PRO-43 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-04-25 18:12:20 UTC
From: blangos@wtcp.DaytonOH.NCR.COM
Message-ID: <2879@wtcp.DaytonOH.NCR.COM>
Source record: 275094

Pro-43 with Nicads, charger, and cell mod complete in new condition. Will ship anywhere in the USA $250.00

--

Bruce Langos
Workstation Products Division
Bruce.Langos@wtcp.DaytonOH.NCR.COM
...!uunet!ncrcom!ciss!wtcp!blangos

3082. Crypto: For Cops AND Criminals?

Newsgroup: rec.radio.scanner
Date: 1994-04-25 18:16:00 UTC
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Message-ID: <1994Apr25.181600.6569@mixcom.mixcom.com>
Source record: 275095

I enjoyed Tim Tyler's post on cryptography as used by police to
"make private" their conversations. I agree 100%. They should
be using the best RF digital cryptography system available.
(UN?)fortunately, they have to work within a budget like the rest
of us. (Well, not the feds. :-))

Everyone else deserves security too! How long before digital UHF handhelds
with a user-defined crypto key are made available to the average
business band user? Will the government outlaw such technology
if it does not have the "Bill Clinton/AL Gore certified" clipper
technology? (In other words: easily monitored by the feds).

Since technology has advanced to that point, don't ALL USERS
of RF, have a right to secured data (and voice) transmissions??
I certainly hope so.

And as an afterthought, let's assume the government DOES NOT
force the "Clipper fiasco" on everyone and that the free market
makes truly secure digital communication to all. Criminals
will have access to the technology as well. What does the
net think of that?? How much do you value your RIGHT to
secure communication?? (I know this has been discussed on
other areas of internet, just thought I'd liven it up here
for a bit! ;-))

And yet another thought...
Amateur radio prohibits secure data transmissions. You cannot encode
a message if the intent is to hide the meaning of the message. Imagine
if truly secure VHF and higher communications is made available to
the public. Imagine digital direct sequence spread spectrum handhelds
that can be programmed with a unique encryption key AND speading code.
Does this eliminate the need for obtaining an amateur radio licence
if you only want casual and secure local communication? I am
assuming hear that the individual does not want to bother with an
amateur radio test and does not want to pay for GMRS or trunked
system access. All he wants, in effect, is "secure CB". Any
comments?

--
/`-_ kevin.jessup@mixcom.com
{ }/ Marquette Electronics, Inc
\ / N9SQB, ARRL, Amateur Radio
|__*| N9SQB @ WD9ANY.#MKE.WI.USA.NA

3083. New BC Handhelds - Any reports?

Newsgroup: rec.radio.scanner
Date: 1994-04-25 18:24:27 UTC
From: Eric White <ewhite@chop.isca.uiowa.edu>
Message-ID: <767298371-0-27717@chop.isca.uiowa.edu>
Source record: 275053

Does anyone have any reports on the performance of the new BC 120XLT and 220 XLT (replacements for the 100XLT and 200XLT)? In particular:
Does the Turbo scan feature shorten battery life?
Is the 180 mW audio output spec accurate, or just a lowball SWAG?
Is the RF performance any better than that of the 100/200 XLT?
Does the data skip function really help?
Has Uniden made any real improvements over the 100/200 XLT with these new units, or are they now capable of receiving more interference faster than ever before?

Eric

3084. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-25 18:26:34 UTC
From: an030@cleveland.Freenet.Edu
Message-ID: <2ph20q$855@usenet.INS.CWRU.Edu>
Source record: 275051
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

In a previous article, austin@physics.unc.edu (Jim Austin) says:

>
>
> What a useless pile of human garbage.
>Lines: 12
>Message-ID: <2pgrcs$ori@bigblue.oit.unc.edu>
>References: <2pbv2l$qd4@bigblue.oit.unc.edu> <2pdsgc$s05@news.cs.tulane.edu>
<2per47$85m@usenet.INS.CWRU.Edu>
>NNTP-Posting-Host: caligula.physics.unc.edu
>Xref: usenet.ins.cwru.edu rec.radio.scanner:6503 rec.radio.shortwave:34399
talk.politics.guns:115568
>
>Now. That feels better.
>
>Nothing like a good, solid kick in the groin to advance the cause of human
>freedom. If you can't engage in constructive debate, you probly don't deserve
>your freedom. I guess I understand better now why they want to take away your
>guns (they haven't come for mine yet).

Nobody has come for mine yet, either, chum.

I find it absolutely amazing that you believe that "debate"
is going to make a difference.

>See my previous posting re obnoxious drivers.

Yes. The "reasoned" approach. Very convincing.

Obviously *YOU* deserve *your* guns.

--

" Bill Clinton is not a criminal "
- Lynn Wallace

3085. Realistic Pro-2001,??price if i were to sell

Newsgroup: rec.radio.scanner
Date: 1994-04-25 18:32:07 UTC
From: walsh@sun490.fdu.edu
Message-ID: <1994Apr25.183207.7669@sun490.fdu.edu>
Source record: 275057

I own a Realistic Pro-2001 progrmmable receiver scanner,
if I wanted to sell it, what price do you think I could get for it.
It's in excellent condition & working order. If anyone is
interested please let me know. Also don't forget, I'm looking to
see the opinions on the price I could get for it! Thank you.
walsh@sun490.fdu.edu
.

3086. Re: FLASH! -- Illinois anti-scanner/transceiver bill derailed

Newsgroup: rec.radio.scanner
Date: 1994-04-25 18:34:17 UTC
From: dkrowlan@vela.acs.oakland.edu
Message-ID: <2ph2f9$t7r@oak.oakland.edu>
Source record: 274927

In article <wb9omc.767031622@constellation.ecn.purdue.edu>
wb9omc@constellation.ecn.purdue.edu (Duane P Mantick) writes:

[snip]
>
> I think we need to form an organization, something along
>the lines of "Taxpayers for Spectral Freedom" or something along
>those manner of thinking. If we could come up with a cute Acronym
>that spells "S.C.A.N." or "SCANNER" or something like that, it
>might be amusing if nothing else, and catchy and easy to remember.
>

I second that motion...

>Duane

```
--
/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\
< dkrowlan@vela.acs.oakland.edu "Whaaaaaa...?" -me >
< -.-. .... ..- -.-. -.- -.-- --- ..- ..-. .- .-. .-.. .. . >
\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/
```

3087. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-25 18:42:43 UTC
From: dseitel@crl.com
Message-ID: <2ph2v3$sgv@crl.crl.com>
Source record: 275045
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

Jim Austin wrote:

: ...Have you ever noticed how obnoxious people can be when they're driving
: away from you in there cars? People who would never dream of pushing in
: line in front of you at the supermarket don't hesitate to force you off
: the road....

This comment is NOT directed at JC Austin. I am merely using his
analogy as a jumping off point for mine. We need more analogies, right?

I've also noticed that the change that comes over people when they
get behind the wheel of their car is like the one that comes over some
people when they post or send email through the ether.

That's all. Back to gun control...

David Eitelbach
--
"Old people like to give good advice as solace for no longer being able
to provide bad examples."
--La Rochefoucauld

3088. Experience with Glass Mount Ant.?

Newsgroup: rec.radio.scanner
Date: 1994-04-25 19:05:43 UTC
From: mccormac@mprgate.mpr.ca
Message-ID: <1994Apr25.190543.29272@mprgate.mpr.ca>
Source record: 275054

Hi all,

Does anyone in Netland have any experience witht the 22" cellular look-alike antennas for scanners that are glass mount as sold by Grove and others? How do they compare to other antennas (ie. mag mount)?

Thanks for your help...

Chris K. McCormack
mccormac@mprgate.mpr.ca

3089. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-25 19:39:36 UTC
From: fs@cs.tulane.edu
Message-ID: <2ph69o$3ua@news.cs.tulane.edu>
Source record: 275050
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

<2pgqu4$10ln@bigblue.oit.unc.edu> austin@physics.unc.edu (Jim Austin) :
>
> Second point: somewhere in Louisiana. Killed a Japanese guy.
> Got off.

Even if eliminating guns would prevent some such tragic misunderstandings,
we must balance that against the real attackers who, aside from armed
victims, might otherwise NEVER get shot.

> Also near here in Durham NC. Homeowner found some _kids_
> in his garage. They ran, so he shot one of them in the back
> and killed him. Got off. jca

I heard that they _were_ in fact burgalars.
Teenage burgalars, in fact, who would be _quite_ offended
to be referred to as "boy."

Though the literal reading of the law forbade shooting
under those circumstances, I don't consider the death
of the burgalar to be lamentable. Do you?

3090. Re: Disney Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-25 20:14:29 UTC
From: berling@reis60.alleg.edu
Message-ID: <2ph8b5$qgs@mustang.alleg.edu>
Source record: 275064

I recall reading here that, at least for security and operations
area, Disney had moved to an 800 Mhz trunking -- can someone verify?

Gordon

---===---
Gordon Berlin berling@alleg.edu
Hershey Vol. Fire Co. Allegheny College
Hersheypark Safety and Security Meadville, PA
Hershey, PA Compuserve:

3091. Ohio State Police/State Agency Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-25 20:27:41 UTC
From: boothc@kenyon.edu
Message-ID: <0097D7D8.19131DA0.41@kenyon.edu>
Source record: 275055

Ohio State Police, DOT and other Freqs

Compiled by Carter Booth
boothc@kenyon.edu
please e-mail corrections/additions

Ohio State Police

039.580 Sheriff - Point to Point (NIS?)
045.020 OSP Aircraft, Ops., etc.
045.100 OSP Aircraft, Ops., etc.
154.680 OSP Law Enfor. Emerg. Radio Network CH1 (LEERN)
154.935 OSP Law Enfor. Emerg. Radio Network CH2 (LEERN)
155.370 Police Intercity
155.475 Nationwide Police Mutual Aid (NLEF)
465.375 OSP Mobile Repeater (Extender)
465.425 OSP Mobile Repeater (Extender)
465.525 OSP Mobile Repeater (Extender)
465.550 OSP Mobile Repeater (Extender)
460.375/465.375 PAC/RT's (?) Radar Ops - Some District Posts
460.425/465.425 PAC/RT's (?) Radar Ops - Some District Posts
460.525/465.525 PAC/RT's (?) ?? - ??
460.537/465.5375 PAC/RT's (?) ?? - ??
460.550/465.550 PAC/RT's (?) Radar Ops - Some District Posts
460.637/465.6375 PAC/RT's (?) ?? - ??
044.940/45.260 District 1, 6, 7, 4(?)
044.980/44.820 District 2, 4, 8
044.740/44.860 District 3, 5, 9, 10, 4(?)
042.560 Intersystem 1, 3, 9
045.860 Intersystem 2, 4, 8
045.140 Intersystem 3
042.080 Intersystem 5, 10
042.420 Intersystem 6, 7

Ohio Turnpike -- Ohio State Police

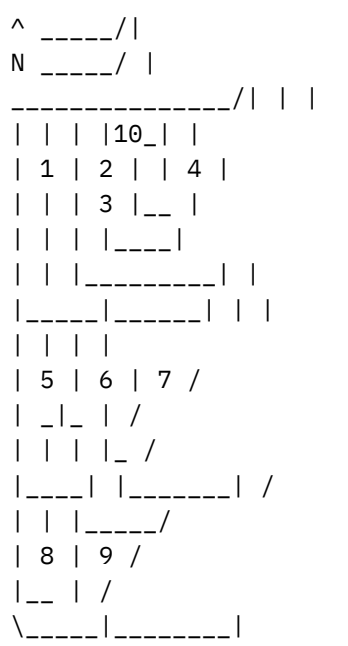
155.685 (154.710) Turnpike Patrol CH A (MP 16, 80, 141, 198)
155.790 (154.710) Turnpike Patrol CH B (MP 48, 107, 174, 228)
158.985 (156.135) Turnpike Maintenance CH A (Same MP as Patrol)
156.090 (156.135) Turnpike Maintenance CH B (Same MP as Patrol)

Ohio State Police Districts

District 1: Allen County, Defiance, Henry, Hancock, Hardin,
Lucas, Fulton, Van Wert, Paulding, Wood
District 2: Crawford, Erie, Ottawa, Huron, Marion, Wyandot,

Richland, Morrow
District 3: Ashland, Lorain, Medina, Sandusky, Stark, Summit
District 4: Ashtabula, Columbiana, Geauga, Lake, Mahoning,
Portage, Trumball, Wayne, Holmes
District 5: Auglaize, Clark, CHampaign, Logan, Miami, Shelby,
Montgomery, Preble, Darke,
District 6: Delaware, union, perry, Fairfield, Knox, Licking,
Madison, Pickaway
District 7: Belmont, Monroe, Guernsey, Jefferson, Harrison,
Muskingum, Coshocton, Tuscarawas, Carroll, Washington,
Morgan
District 8: Brown, Adams, Highland, Butler, Hamilton, Clermont,
Clinton, Fayette, Warren
District 9: Athens, Hocking, Vinton, Jackson, Lawrence,
Ross, Scioto, Pike, Gallia, Meigs,
District 10: Cuyahoga

Ohio State Patrol Districts in Brief



Ohio State Patrol Radio Signals

1 Out of Service 37 Disabled Vehicle
2 In Service 38 Eating
3 Out of Service, Subject to Call 39 Location
4 Out of Service, Equipment Failure 40 *Emergency*
5 Rush 41 Immediately
6 Reference Previous Traffic 42 Be On Station
7 At Your Convenience 43 All Units Call Post
8 Unable to Read, Change Location 44 All Units Report Post
9 Unable to Answer at this Time 45 Resume Regular Patrol
10 Call Given Location by Phone 46 FCC Inspector on Station
11 Call GHQ by Phone 47 Traffic Preference

12 CAll DHQ by Phone 48 Stand-in Examiner
13 Call Your Post by Phone 49 Forced Landing
14 Call Radio by Phone 50 Unidentified Plane
15 Call Home by Phone 51 Plane Crash
16 Technical Problems with Computer 52 Radioactive Material Shipment
16A Technical Problem with Functional 53 Hazardous Load
Portion of LEADS 54 Wrecked Truck - Hauling
17 Crash Report Number Explosives
18 Have Traffic - Relay 55 Explosion
19 Relay by Phone 56 Train Crash
20 Contact Given Place in Person 57 Bomb Scare
21 Contact GHQ in Person 58 *Suspect Can Hear Radio Traffic*
22 Contact DHQ in Person 59 Permits
23 Contact Your Post in Person 60 Convoy or Reference Convoy
24 Contact Radio in Person 73 Prisoner
25 Contact Home in Person 74 Incarceration
26 Dispatcher Alone on Post 75 Wanted Persons/Property - Felony
27 Improper Procedure 76 Wanted Persons/Property -
28 Post Secure Misdemeanor
29 Relay in Person 77 Wanted & Warrants Check
30 Crash Reported Fatal 78 Criminal History, Not Wanted
31 Crash Reported Property Damage 79 Mentally Distrubed Person
31A Crash Reported Personal Injury 86 *Drug Courier Alert*
32 Traffic Jam or Road Blocked 87 Backup Officer Needed
33 Drowning 88 *Officer in Trouble - Needs
34 Fire - Motor Vehicle Assistance*
36 Fire - Other than Motor Vehicle

Ohio Department of Transportation

47.340 District 1, 4, 5, 8
47.220 District 2, 7, 9, 11, 12
47.400 District 3, 10
47.300 District 6
45.720 Intersystem CH 1
45.760 Intersystem CH 2

DOT County Districts (different from OSP)

District 1: Allen, Defiance, Hancock, Hardin, Pauldin,
Vanwert, Wyandot.
District 2: Fulton, Henry, Lucas, Ottawa, Sandusky, Seneca,
Williams, Wood.
District 3: Ashland, Crawford, Erie, Holmes, Huron, Lorain,
Medina, Richland, Wayne.
District 4: Ashtabula, Mahoning, Portage, Stark, Summit,
Trumbull.
District 5: Coshocton, Fairfield, Guernsey, Knox, Licking,
Muskingum, Perry.
District 6: Delaware, Fayette, Franklin, Madison, Marion,
Morrow, Pickaway, Union.

District 7: Auglaize, Champaign, Clark, Darke, Logan, Mercer,
Miami, Montogomery, Shelby.
District 8: Butler, Clermont, Clinton, Greene, Hamilton,
Preble, Warren.
District 9: Adams, Brown, Highland, Jackson, Lawrence, Pike,
Ross, Scioto.
District 10: Atehns, Gallia, Hocking, Meigs, Monroe, Morgan,
Noble, Vinton, Washington.
District 11: Belmont, Carroll, Harrison, Jefferson, Tuscarawas
District 12: Cuyahoga, Geauga, Lake.

Other Ohio State Freqs. of Interest

47.220 State of Ohio Highway Maintenance
47.300 State of Ohio Highway Maintenance
47.340 State of Ohio Highway Maintenance
47.400 State of Ohio Highway Maintenance
460.550/465.550 Ohio Highway Patrol Academy - Columbus
460.550/465.550 Ohio State Fair Traffic Control
453.800 Ohio State Police Governors Security Detail
453.675/458.675 Cincinatti International Airport Security (KY.)
453.300/458.300 Port Columbus Airport Security
155.370 Police Intercity
039.580 Buckeye State Sheriff Point to Point (lowband areas)
154.280 Fire Mutual Aid - High band
045.880 Fire Mutual Aid - Cleveland Area
033.860 Fire Mutual Aid - Most other low-band areas (Some Dispatch)

Ohio Helicopter EMS Services

155.400 Life Flight - Grant Hospital, Columbus
464.975/469.975 Skymed - Hospital Helicopter, Inc. - Columbus
155.280 Skymed Alt. Dispatch, Hospital Helicopter, Inc. - Columbus
122.950 Skymed - Hospital Helicopter, Inc. - Columbus
155.385 Life Flight - Cleveland
123.050 University of Cincinnatti Air Care
462.950/467.950 University of Cincinnatti Air Care
123.050 Care Flight - Dayton
462.975/467.975 Care Flight - Dayton
462.975/467.975 Miami Valley Hospital Care Flight
123.050 Miami Valley Hospital Life Flight

Ohio Department of Liquor Control

045.020 Mobiles w/OSP
045.100 Mobile-to-Mobile w/OSP
151.235 Ops Simplex
153.920 Ops Simplex
154.935 Mobiles/LEERN Ch 1
155.370 Mobiles/Police Intercity
159.150 Ops Simplex & Repeater

Ohio Bureau of Criminal Investigation and Identification (BCI)

155.430/153.800 F1 Main
155.430 F2 Talkaround
154.815 F3 Car to Car
154.935 F4 LEERN Ch 1
154.680 F5 LEERN Ch 2
155.370 F6 Police Intercity
154.800 F7 Tactical
155.475 F8 National Police Mutual Aid

--
Carter Booth
boothc@kenyon.edu

3092. Dayton, Ohio, USA freqs (no ham freqs)

Newsgroup: rec.radio.scanner
Date: 1994-04-25 20:30:18 UTC
From: boothc@kenyon.edu
Message-ID: <0097D7D8.766D6E60.19@kenyon.edu>
Source record: 275056

Dayton Area Freqs
(Brief Overview - Surrounding Area)
(No Specific Freqs for Hamvention)

Compiled by Carter Booth
boothc@kenyon.edu
please e-mail corrections/additions/updates

Beaver Creek, Greene County, Ohio

155.640 Police - Base
154.890 Police - Mobile
046.180 Fire - Base/Dispatch
046.280 Fire - Mobile/Dispatch
465.612 Fire - Mobile
453.100 Local Govt.
453.725 Greene County Health Dept - Base
458.725 Greene County Health Dept - Mobile

Dayton, Montgomery County, Ohio

044.740 Ohio State Highway Patrol (OSP) Dist. 5 - Base
154.725 Police - Downtown
155.370 Police - ?
158.730 Police - (A)
158.970 Police - ?
460.050 Police - East & South
460.150 Police - Records
460.375 Police - West & North
460.475 Police - Detectives
153.950 Fire - ?
154.175 Fire - Ground
154.280 Fire - Mutual Aid
154.430 Fire - (A) Paging
047.580 Ambulance - American Red Cross
155.160 Ambulance - ?
155.280 Ambulance - Comm. with Hospital
155.325 Ambulance - Comm. with Hospital
155.340 Ambulance - Comm. with Hospital
155.400 Ambulance - Comm. with Hospital
462.950 Ambulance - City of Dayton
462.975 Ambulance - City of Dayton
463.725 Ambulance - U.S. Ambulance Service
464.700 Ambulance - Fidelity Ambulance Service
151.040 Dayton Street Department
151.220 Dayton/Montgomery County Park District

154.980 Dayton Parks Dept.
045.220 Dayton Mental Health Center
453.050 Dayton Mental Health Center
151.235 Ohio, State of
155.805 Ohio Disaster Services
468.175 University of Dayton
811.2125 City of Dayton Trunked Public Service (incl. PD & FD)
811.4625 " "
811.7125 " "
811.9625 " "
812.2125 " "
812.4625 " "
812.7125 " "
812.9625 " "
813.2125 " "
813.4625 " "
813.7125 " "
813.9625 " "
814.2125 " "
814.4625 " "
814.7125 " "
814.9625 " "
815.2125 " "
815.4625 " "
815.7125 " "
815.9625 " "
856.2125 " "
856.4625 " "
856.7125 " "
856.9625 " "
857.2125 " "
857.4625 " "
857.7125 " "
857.9625 " "
858.2125 " "
858.4625 " "
858.7125 " "
858.9625 " "
859.2125 " "
859.4625 " "
859.7125 " "
859.9625 " "
860.2125 " "
860.4625 " "
860.7125 " "
860.9625 " "
108.300 Dayton International Airport (DAY) - ILS RWY 18
108.900 DAY - ILS RWY 06L
110.300 DAY - ILS RWY 24L
111.000 DAY - VOT

111.900 DAY - ILS RWY 24R
114.500 DAY - VORTAC
118.000 DAY - Approach/Departure
118.850 DAY - Approach/Departure
119.900 DAY - Tower
122.100 DAY - Flight Service (Radar)
122.200 DAY - Flight Service
122.550 DAY - Flight Service
122.800 Mullins Aviation, Inc.
123.050 Miami Valley Hospital
125.800 DAY - ATIS
126.500 DAY - Approach/Departure
127.650 DAY - Approach/Departure
134.950 DAY - Approach/Departure
255.400 DAY - Flight Service
257.800 DAY - Tower
291.100 DAY - Appraoch Control
294.500 DAY - Approach Control
316.700 DAY - Approach/Departure
324.500 DAY - Appraoch Control
327.100 DAY - Approach/Departure
852.0125 Airport Fire/Security

Fairborn, Greene County, Ohio

154.950 Police - Mobile/Dispatch
155.310 Police - Wright State University
155.370 Police - OSP Intercity
155.535 Police - Base/Dispatch
155.595 Police - Base
155.685 Police - Ohio Turnpike Commision ??
156.000 Police - Car to Car ???
153.995 Fire - Mobile/Dispatch
154.205 Fire - Base/Dispatch
154.280 Fire - Greene County Fire ?
154.400 Fire - Huber Heights/Fairborn
155.340 Ambulance
154.040 Local Govt.
154.085 Local Govt.
155.115 Local Govt.

Greene County, Ohio

039.580 Greene County Sheriff - Base
155.595 Greene County Sheriff - Base
044.980 Ohio State Patrol (OSP) Dist. 8 - Base/Dispatch
044.820 OSP Dist. 8 - Mobile/Dispatch
045.860 OSP Dist. 8 - Intersystem
155.370 OSP - Intercity
453.250 Greene County Engineer (Read: Snow Plows)
811.8875 Greene County Trunked System/All Services?

812.8875 " "
813.8875 " "
814.8875 " "
815.8875 " "
856.8875 " "
857.8875 " "
858.8875 " "
859.8875 " "
860.8875 " "

Huber Heights, Greene County, Ohio

154.860 Police - Base/?
155.610 Police - Base/?
156.150 Police - Mobile/?
154.280 Fire - Greene County Fire ?
154.400 Fire - Fairborn/Huber Heights
155.175 Huber Heights School District
155.895 Huber Heights Street Dept.
810.215 Local Govt.
855.2125 Local Govt.
810.8125 Trunked/All City Services
811.8125 Trunked/All City Services
813.8125 Trunked/All City Services
814.8125 Trunked/All City Services
855.8125 Trunked/All City Services
856.8125 Trunked/All City Services
858.8125 Trunked/All City Services
859.8125 Trunked/All City Services

Montgomery County, Ohio

154.785 (F-4) Montgomery County Sheriff - Jail
155.415 (F-1) Montgomery County Sheriff - A Dispatch
155.565 (F-5) Montgomery County Sheriff - Car-to-Car
155.610 (F-7) Montgomery County Sheriff - Detectives
155.670 (F2/F3)Montgomery County Sheriff - B Information
151.220 Dayton/Montgomery County Park District
153.740 Montgomery County - ?
153.845 Montgomery COunty - ?
155.010 Montgomery County Health Dept.
155.100 Montgomery County Health Dept.
158.775 Montgomery County Administration Voice Paging
158.940 Montgomery County Animal Control
453.625 Montgomery County Dept. of Public Works (Roads)
821.0625 Montgomery County Trunked Public Service
821.3125 " "
821.5750 " "
821.8500 " "
822.1000 " "
822.3500 " "

822.6500 " "
823.2000 " "
823.5750 " "
823.8500 " "
866.0625 " "
866.3125 " "
866.5750 " "
866.8500 " "
867.1000 " "
867.3500 " "
867.6500 " "
868.2000 " "
868.5750 " "
868.8500 " "

Wright Patterson Air Force Base

036.500 USAF F-16 Attack Training
124.925 USAF Thunderbirds - Air to Air
124.930 USAF Thunderbirds
138.875 USAF Thunderbirds
140.400 USAF Thunderbirds
143.450 USAF MARS (F-1)
143.775 USAF MARS (F-1)
148.550 USAF Thunderbirds - Maintenance

Sunday touch and go practice seems to be common & fun to watch
if you have never seen before. Unfortunately the fighter squadron,
F-16's I think, have moved due to the closure of one of the nearby
Reserve bases (can't remeber the name).

115.200 WPAFB VOR/AT
118.850 WPAFB Approach/Departure
121.800 WPAFB Ground
122.200 WPAFB Flight Service Station Secondary
122.550 WPAFB Flight Service Station Primary
122.850 WPAFB PTD
122.950 WPAFB Unicom
123.220 WPAFB Flight Tests
126.900 WPAFB Tower
127.650 WPAFB Approach/Departure
134.450 WPAFB Approach/Departure
138.100 WPAFB OSI
138.165 WPAFB ????
138.250 WPAFB Instrumenation
139.050 WPAFB ????
139.200 WPAFB ????
139.250 WPAFB ????
139.950 WPAFB ????
142.200 WPAFB ????
142.950 WPAFB ????

148.035 WPAFB Commander's Net
148.215 WPAFB Medical Net (NIS?)
149.300 WPAFB Paging (med net????)
150.225 WPAFB Logistics Command
150.325 WPAFB Air Terminal
163.4625 WPAFB Fire
163.5125 WPAFB ????
163.5625 WPAFB ????
173.4375 WPAFB (F1) Security (NIS?)
173.5375 WPAFB (F2) Security (NIS?)
173.5125 WPAFB ????
173.5625 WPAFB Fire & Crash Crews (NIS?)
173.6625 WPAFB Fire & Crash F2 (NIS?/Disaster Preparedness?)
230.400 WPAFB Flight Tests
236.600 WPAFB Tower
239.625 WPAFB ????
257.050 WPAFB ????
259.200 WPAFB ????
263.800 WPAFB ????
266.600 WPAFB ????
269.900 WPAFB Atis
287.200 WPAFB ????
289.400 WPAFB ????
289.600 WPAFB Tower
297.400 WPAFB ????
304.400 WPAFB ????
329.100 WPAFB ????
335.500 WPAFB Ground
335.800 WPAFB Ground
344.600 WPAFB Metro
349.600 WPAFB ????
372.200 WPAFB PTD
379.700 WPAFB ????
384.800 WPAFB ????
397.000 WPAFB ????
406.350 WPAFB Trunked System -- Air Force Group 1 Frequencies
407.150 WPAFB Trunked System (A2)
407.500 WPAFB Deputy Commander's Net
407.950 WPAFB Trunked System (A3) -- Most freqs now in trunked group.
408.750 WPAFB Trunked System (A4)
409.900 WPAFB ????
409.550 WPAFB Trunked System (A5)
409.900 WPAFB ????
413.025 WPAFB ?????
413.375 WPAFB Air Force Museum
415.150 WPAFB Trunked System (A-6)
415.950 WPAFB Trunked System (A-7)
416.750 WPAFB Trunked System (A-8)
417.550 WPAFB Trunked System (A-9)
418.350 WPAFB Trunked System (A-10)

Drug Enforcement Agency

418.625 416.050 CH1 Secondary Ops Repeater - Northern Ohio
418.900 416.325 CH2 Primary Ops Repeat - Northern/Southern Ohio
418.750 CH3 Primary Surveillance - Ohio
418.675 CH4 Secondary Surveillance - Ohio
418.825 415.600 CH5 Operations Repeater - Dayton
418.950 416.200 CH6 Ops Repeat - Columbus Office/Central Ohio
418.975 417.025 CH7 Operations Repeater (Not Confirmed)

--
Carter G. Booth
boothc@kenyon.edu

3093. Pro43 audio mod - request for opinions

Newsgroup: rec.radio.scanner
Date: 1994-04-25 20:34:33 UTC
From: g_stofko@kau100.cth.dec.com
Message-ID: <2ph9gp$21v@nntpd.lkg.dec.com>
Source record: 275069

The Pro43 audio mod is supposed to reduce the "bassiness"
of the audio output and make it "crisper".

As it is a bit of a finicky operation, I'd like to find out if anyone
has done it and noticed a difference before I go ahead with it.

Thanks for any info.

--

George Stofko g_stofko@kau100.enet.dec.com
Digital Equipment of Canada

3094. Re: IL LAW UPDATE

Newsgroup: rec.radio.scanner
Date: 1994-04-25 20:40:28 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Apr25.154028.2269@hnrc.tufts.edu>
Source record: 275059

In article <2db83d80@f747.n115.z1.fidonet.org>, Ted.Moran@f747.n115.z1.fidonet.org (Ted Moran) writes:
> From the Chicago Area Radio Monitoring Association, 6143 W. Touhy
> Ave, Chicago, Illinois, 60646. Voice - (312) 631-5560 FAX-(312)
> 631-6499
>
> Our testimony with the committee was rather heated at times. They
> did not appear to be willing to recognize that scanner listening is a
> legitimate hobby. The overall atmosphere of the committee did not
> seem favorable to our cause. The committee chairman introduced
> Representative Frias to testify for the bill, and identified him as a
> Chicago Police Officer. During his testimony, Rep. Frias stated;
> "It's vitally important that we (the Illinois House of
> Representatives) immediately start taking some steps to prevent
> citizens from monitoring police frequencies."
>

The argument against restrictions that works best for me is that if someone passes a signal through my body, I damn well have a right to listen to it (stated in less beligerent terms, depending on the audience). Has something similar been used in committee meetings like these? If so, what has been the response?

3095. Re: PSP freqs/barracks

Newsgroup: rec.radio.scanner
Date: 1994-04-25 20:50:39 UTC
From: boothc@kenyon.edu
Message-ID: <0097D7DB.4E74DBC0.2@kenyon.edu>
Source record: 275061

```
|Newsgroups: rec.radio.scanner
|Subject: PSP Frequencies
|From: berling@reis60.alleg.edu (Gordon Berlin)
|Date: 6 Apr 1994 17:00:53 GMT
|
| To all who may be interested: I have the complete PSP frequency
|listing and which ones go with which barracks. I am more than willing to
|email to those interested. If there is enough interest, I will post it...
|
[...]
|
|--
|Gordon Berlin berling@alleg.edu
|Hershey Vol. Fire Co. Allegheny College
|Hersheypark Safety and Security Meadville, PA
|Hershey, PA "Oh my God! Sunshine!
|"Chocolatetown, U.S.A."
|"Yes, ma'am, that really is the smell of chocolate in the air."
|
```

Gordon,

I tried e-mail a couple of times, but it keeps bouncing. I'm interested in a copy. Seems my news reader decided not to accept you post/repost. If you or anyone else could e-mail me a copy I'd be grateful.

I'm also intersted in complete NY, CT, RI, MA, MI, Indiana & Delaware State Police freqs. if anyone has the time to e-mail.

Thanks in advance,

Carter

--
Carter G. Booth
boothc@kenyon.edu

3096. Re: one last Yupiteru MVT7100 left (new, $700)

Newsgroup: rec.radio.scanner
Date: 1994-04-25 21:07:58 UTC
From: barryc@mpd.tandem.com
Message-ID: <1994Apr25.210758.17530@integrity.uucp>
Source record: 275048

RE:

>Water selling for $10 per gallon in a drought encourages those with
>water to bring it to those without, a positive event for those in
>need of water. Price controls result in no incentive to bring
>water in, and a continued shortage. When enough water is brought
>in, the price declines. Ditto for plywood.

I guess that`s why people were prosecuted for price gouging after
Hurricane Hugo (water and plywood) and the earthquake in L.A.

How about a better analogy? Remember the pricing of the Mazda Miyada
(sp?) when it was new? I know a few people that paid 1 to 3 K more than
SRP just to get one. More than one dealer was investigated for taking
"list" money (money to get on a list to buy) or playing games with
delivery dates to maximize their profit when these came out.

>If you don't like the price, don't pay it. Please take your complaints
>to alt.socialism.

I didn`t pay that price ($700) I paid a better one ($570). That ($130)
buys alot of extra goodies. I personally enjoy making money by a good
deal equitable to everyone better that making an excessive profit. I
don`t consider that socialism, just honest business. Thats why I never
"clean up" at a swap meet or hamfest.

Socialism is defined in Websters Ninth New Collegiate Dictionary as
advocating collective or government ownership ownership and administration
of the means of producing and distributing goods.

How is this definition relevent to me? I never said that I wanted the
government (or a co-op) involved at all. In fact, its obvious thru
Richards posts, mine and other peoples responses that capitalism (and free speech) is alive
and healthy in netland.

The Real Question:

Is it right to equate the importation of cellular capable receivers with
drug and gun smuggling and then try to sell the same item at a price >$100
more than average street price? And then to justify the price it on the
grounds of unavailablity due to this law?

Richard I apolgize for any personal flames I may have directed at you.
I just didn`t agree with your justification of your pricing. I have
enjoyed your posts in the past and look for more in the future. I`m much

more interested in using the rec.radio.scanner bandwidth for scanner and (Yupi name...) Multiband Receiver related issues.

End of this thread....(for me) Further replies to alt.devnull.
(I just don`t care about this topic anymore...)

Yupiteru stuff:

I received my Yupi two days after sending Radio Lorenz a MO ($570). The service was great. (4 shopping days left...). Now what do I put in 1000+ channels?

I love my Yupi. I used it when I saw The Who's Tommy yesterday (4/24) in Austin. I found 7 wireless mics in three bands (out of 30 according to the mic guy).

EMAIL me for more info on these freqs. (barryc@mpd.tandem.com).

CUL,
-barryc

--
Barry D. Chalcroft / N5NWI Tandem Computers ISD, Austin,TX
Work: (512) 244-8723 The Home of "UNIX with Integrity""
EMAIL: barryc@mpd.tandem.com bchalcroft@delphi.com
76500.2177@compuserve.com barryc@cactus.org

3097. Re: Help with final decision on a Scanner purchase?

Newsgroup: rec.radio.scanner
Date: 1994-04-25 21:32:07 UTC
From: magnet@nRCHs022
Message-ID: <2phcsn$o6f@corpgate.nt.com>
Source record: 274932

Gary Ross (ross@novax.llnl.gov) wrote:
: In article <2p6qle$d6s@inca.gate.net>, habu@inca.gate.net (Michael Fink)
: wrote:
: >
: > I am about to purchase either a Icom R1 or a RS Pro-43,anybody have
: > reasons why I should lean one way or the other. I plan to use it for
: > general scanning,I already own a Bc200xlt but would like a little more
: > frequency coverage. Any comments would be appreciated.
: >
: I had a R1 and was lucky to sell it for what I paid (got it from Japan).
: Icom tried to put too much radio in too small a package. The cellular was
: unsearchable and other nasty things showed up all over the public service
: bands. The SW and AM were very marginal. Get a PRO-43, far fewer problems.

: My 2 cents.

: Gary

I wonder if there have been some revisions in the R1 since the experiences
of mine with the R1 are MUCH different. I live in a highly populated area
and really enjoy my R1. I find the operational aspects of the radio to be
as good as any other scanner I have. (AOR 3000A, ICOM R100 and Bearcat).

I also have direct access to many other scanners. I am very happy with the
R1, although it wouldn't be my primary scanner as mentioned before in a
previous post.

Just my clouded view of things.

--
brad.glidewell@nt.com

3098. Bearcat 150

Newsgroup: rec.radio.scanner
Date: 1994-04-25 21:52:44 UTC
From: ALBCRAJ@YaleVM.YCC.Yale.Edu
Message-ID: <16FA3FB6D.ALBCRAJ@YaleVM.YCC.Yale.Edu>
Source record: 275110

What are the features of a Bearcat 150? (Someone's selling one at a moving sale for 25 bucks.) How can it be modified, and is there a posting somewhere for mods for this (or reasonably similar) model?

Craig Albert | albcraj@yalevm.ycc.yale.edu

3099. Re: Experience with Glass Mount Ant.?

Newsgroup: rec.radio.scanner
Date: 1994-04-25 22:23:50 UTC
From: berling@reis60.alleg.edu
Message-ID: <2phftm$cl@mustang.alleg.edu>
Source record: 274925

In article <1994Apr25.190543.29272@mprgate.mpr.ca> mccormac@mprgate.mpr.ca (Chris McCormack) writes:
> Hi all,
>
> Does anyone in Netland have any experience witht the 22" cellular
> look-alike antennas for scanners that are glass mount as sold by Grove
> and others? How do they compare to other antennas (ie. mag mount)?

I am currently using the glass mount all-band that Rat Shack sells. It's fine for me (mostly repeater UHF monitoring), but it has trouble with VHF lo. Also, I have been told by those more knowledgeable than I that you lose up to half the signal going through the glass. For general knowlege, they recomended band specific (read:tuned) antennas that are permanent mounts. The question is: do you want to drill a hole in your car? I will be using a VHF/UHF tuned celluar look-alike like those that PSP uses when I return to the PA midstate. I will let you know the results.

Gordon

---===---
Gordon Berlin berling@alleg.edu
Hershey Vol. Fire Co. Allegheny College
Hersheypark Safety and Security Meadville, PA
Hershey, PA Compuserve:

3100. RE: PSP freqs/barracks

Newsgroup: rec.radio.scanner
Date: 1994-04-25 22:29:40 UTC
From: gtenedios@shrsys.hslc.org
Message-ID: <25APR94.22294041@shrsys.hslc.org>
Source record: 274946

Gordon,I would be interested in the Psp freq/barracks list.
Thanks
George Tenedios

3101. Re: Dayton, OH Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-04-25 22:53:55 UTC
From: rwilkins@ccnet.com
Message-ID: <2phhm3$i6g@ccnet.ccnet.com>
Source record: 275112

Jim Kearman (KR1S) (jkearman@arrl.org) wrote:
: Anyone have good freqs to monitor while at the Dayton Hamvention?
: Ham radio freqs not required!

With thirty thousand low power transmitters all mixing within a couple of square blocks...you will be lucky to any non amateur radio services.

Be sure to check out any vendors with spectrum analysers on display. You will be amased at the intensity of the signals in the amateur spectrum.

Have fun

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

3102. San Fransisco Scanne����

Newsgroup: rec.radio.scanner
Date: 1994-04-25 22:56:00 UTC
From: marc.tebeka@spacebbs.com
Message-ID: <6.5981.1585.0NAE9598@spacebbs.com>
Source record: 274943

> >>I will be enjoying a week in San Fransisco
Try Scanner Unlimited (about 15miles S. of SF): 415 573 1624

Marc

 RM 1.3 01807

3103. Illinios scanner ban law

Newsgroup: rec.radio.scanner
Date: 1994-04-25 23:03:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <767371234.AA00280@rochgte.fidonet.org>
Source record: 275113

> From: cjs9@cornell.edu (Carl Steckler)
> Organization: Cornell university

| > Steve Wilson urges hams to write to their representatives to exempt hams.
> First this is real shortsighted of him to want to look out for only a
> select
> group. This efects everyone whether you own a scanner or not. This is

I think you missed Steve's point. If the law as written does not exempt hams and their licensed equipment, then it is blatantly unconstitutional and violates the expressed Will of Congress. In fact, if it also affects GMRS and other mobile 2-way radio equipment for which people have FCC licenses, it is still unconstitutional. Such laws are automatically preempted by Federal jurisdiction.

==========
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

3104. Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-25 23:05:02 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <767371234.AA00281@rochgte.fidonet.org>
Source record: 275114

> From: jerry@hnrc.tufts.edu (Jerry Dallal)
> Organization: USDA HNRC at Tufts University

> After April 26, not only will it be illegal to import or manufacture
> scanners
> (being interpreted my the manufacturers to *include* transceivers)
> that receive
> the forbidden frequencies, but it will be illegal to build your own.

That depends on how the government defines "manufacture".

Also, the manufacturers are not interpreting the law to include
transceivers on their own. Congress has already defined "scanner" to be ANY
radio receiver that automatically samples 4 or more memory channels.

==========
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

3105. Re: Security Guards freq?

Newsgroup: rec.radio.scanner
Date: 1994-04-25 23:09:55 UTC
From: rwilkins@ccnet.com
Message-ID: <2phik3$iin@ccnet.ccnet.com>
Source record: 275115

Jeff Wiens (jwiens@mondrian.CSUFresno.EDU) wrote:
: I live in an apartment in Fresno, California, and would
: like to listen in on the security guards radios. Does anybody
: have any idea how I might go about this?

Jeff can you post the name of the security guard agency? Can you describe the antenna length and width? Is it 8" long and 3/8 fat or 6" long and 1/4 thin. Give us the best description you can of the shape so we can tell what band they operate. We might find their name in the FCC database with all of their frequencies.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

3106. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-25 23:55:45 UTC
From: cramer@optilink.dsccc.com
Message-ID: <CouAGy.8Ix@optilink.com>
Source record: 275023
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

In article <2p8p9f$i68@bigblue.oit.unc.edu>,
Jim Austin <austin@physics.unc.edu> wrote:
#We've got housewives blowing away foreigners and getting off for it, gangs

Can you give some examples? did they avoid jail because they were
under criminal attack?

#using anti-tank weapons on police cars, and murder rates many thousands of

Anti-tank weapons are severely restricted. Do you have some examples
of this?

#times as large as comparable European nations (just as free--in some respects
#more so). I think it's time to turn up the heat a little bit.
#
Jim Austin

Wrong. Murder rates in the U.S. are about 4-5x the rates in many
European nations -- none of which are comparable. Which European
countries have 12% blacks?

--
Clayton E. Cramer {uunet,pyramid}!optilink!cramer My opinions, all mine!
Information Superhighway Engineer -- please slow down when you see the
orange safety vest.

3107. Re: AT&T AIR ONE SYSTEM

Newsgroup: rec.radio.scanner
Date: 1994-04-25 23:56:58 UTC
From: drt@world.std.com
Message-ID: <CouAIz.9z6@world.std.com>
Source record: 275052
Cross-posted to: alt.radio.scanner,rec.radio.scanner

George Thurman (gst@gagme.wwa.com) wrote:

: I do not fly very often, so I could not help but notice the the
: telephones that were mounted in back of the seats on the airliner
: I was in this week as I went on vacation.

: The system was called AT&T AIR ONE. Is it possible to receive this on my
: scanner?? Probably not, but I thoght I would ask anyway.

You're biggest problem here is not their frequency (800 MHz band) but the
emission mode, which is Amplitude Compandored SSB, 6 kHz channel spacing.
The FM mode just won't work, and I'll bet your scanner doesn't give you
a choice.

-drt

|David R. Tucker KG2S 8P9CL drt@world.std.com|

3108. Looking for NYC Frequency List

Newsgroup: rec.radio.scanner
Date: 1994-04-25 23:57:31 UTC
From: aplew@pipeline.com
Message-ID: <2phldb$r25@pipeline.com>
Source record: 274949

Can anyone provide information about where I can find the most
complete NYC frequency list?
-Tony
aplew@pipeline.com

3109. WHATS 100XLT & 200XLT WORTH

Newsgroup: rec.radio.scanner
Date: 1994-04-26 01:22:20 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Apr25.211640.1@cad3.uccb.ns.ca>
Source record: 275123

I HAVE 2 SCANNERS AND I'M THINKING ABOUT SELLING THEM; CAN SOMEONE TELL ME
WHAT WOULD BE A REASONABLE ASKING PRICE. THE SCANNERS ARE:

1--BC100XLT PORTABLE 2 YEARS OLD IN NEW CONDITION
2--BC200XLT PORTABLE WITH CELL MOD 8 MONTHS OLD

ANYONE INTERESTED IN RESPONDING PLEASE QUOTE IN US or CAN FUNDS!

THANKS IN ADVANCE

RON

3110. Re: Las Vages Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-04-26 02:02:47 UTC
From: cntrspy@netcom.com
Message-ID: <cntrspyCouGCo.80v@netcom.com>
Source record: 275029

Luxor, Treasure Island, Mirage have all gone to digitally
encrypted 800 mhz and 900 mhz trunking systems.

Motorola developed a custom system for them using the new
Visar pager sized portable radio.

They use High level true digital encryption, so not much luck in
monitoring them.

I will e-mail you what frequencies I have for PD, Fire, etc.
//

Arik Klingensmith (arik@thepad.EBay.Sun.COM) wrote:
: I am going to Las Vages next weekend and would like to have the police, fire
: and ambulance frequencies.

: Also, does anyone have the frequencies for any of the hotels (The Luxor!)?

: Any other interesting Vages frequencies would be cool too.
: ---
: Thank you,
: Arik Klingensmith arik.klingensmith@ebay.sun.com

--

--

//
Chris Hall
Operations Director
Executive Protection Associates, Inc.

"I'm not a lawyer, I just play one on T.V."

Opinions Expressed are those of the author and NOT those of EPAI.

PGP Key available... If you ask nicely...

3111. PRO-2026 restore mod?

Newsgroup: rec.radio.scanner
Date: 1994-04-26 02:09:11 UTC
From: ah161@FreeNet.Carleton.CA
Message-ID: <CouGnC.958@freenet.carleton.ca>
Source record: 275068

G'day, could some one do me a favour and post or e-mail me
the cellular restore mod for the radio-shack pro-2026 scanner.
I don't have ftp access (yet) and admin here does not allow
us to ftp by e-mail....

Thanks.....

John McLaughlin ah161@Carleton.Freenet.CA

--

3112. Re: INMARSAT (legalities of monitoring it?) was re: INMARSAT

Newsgroup: rec.radio.scanner
Date: 1994-04-26 03:13:03 UTC
From: emd@ham.island.net
Message-ID: <ggDDLc2w165w@ham.island.net>
Source record: 274992
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

gt3441b@prism.gatech.edu (Peter William Presti) writes:

> emd@ham.almanac.bc.ca writes:
>
> >In any case, I've never heard of a single prosecution in Canada for
> >listening to anything. Reporting the content or using it may be a
> >different matter, however.
>
> Hmm. Last I heard (2 years ago) "listening" for police radar was
> illegal up north - but then so is it in CT, DC, and VA.
>
> -Pete
>

Radar detectors - mounted in or on vehicles - are regulated provincially, so laws vary from province to province. Here, in B.C. they are perfectly legal.

In any case, radar detection isn't usually considered listening in the usual sense the word is used.

In Canada, laws governing radio transmission and reception are the purvue of the federal government, notwithstanding radar detectors.

So far, the government seems to be willing to let us listen to anything except scrambled video transmissions as long as we don't disclose the content of non-broadcast or non-amateur radio traffic. In other words, it's legal to listen to a scanner receiving two way radio conversations, as long as you don't divulge them to anyone or make use of what you hear.

I think I prefer that to being told it's illegal to listen to various frequencies anyway - especially when they don't have any way of enforcing it.

emd@ham.island.net Robert Smits, Ladysmith B.C.

3113. Re: lll scan ban "LAW WORDING"

Newsgroup: rec.radio.scanner
Date: 1994-04-26 03:15:05 UTC
From: scan911@aol.com
Message-ID: <2pi0vp$hpl@search01.news.aol.com>
Source record: 275067

In article <1994Apr24.160234.665@sdg.dra.com>, sean@sdg.dra.com writes:

NJ State Police press ID was more of a formality. I never knew anyone to have ID turned down. To my knowledge, everyone turned in by a legitimate media organization got cards for their legitimate news-gathering employees. Sure, you can pass yourself off as editor of the Podunk Gazette just like I can pass myself off as a computer consultant, sex therapist, labor negotiator, etc.......

3114. Re: AT&T AIR ONE SYSTEM

Newsgroup: rec.radio.scanner
Date: 1994-04-26 03:23:06 UTC
From: scan911@aol.com
Message-ID: <2pi1eq$ht7@search01.news.aol.com>
Source record: 275072

In article <2ph0un$l7a@gagme.wwa.com>, gst@gagme.wwa.com (George Thurman) writes:

Sure, try AM mode in 6 kHz steps from 901-903 MHz, as I recall.

3115. Re: Opinions on AOR1000 or BC2500XLH

Newsgroup: rec.radio.scanner
Date: 1994-04-26 03:38:36 UTC
From: dbmartin@netcom.com
Message-ID: <dbmartinCouKsD.DEn@netcom.com>
Source record: 274935

Michael Fink (habu@inca.gate.net) wrote:
: I would appreciate it if any owners of either the AOR1000 or the BC2500XLH
: could give me there opinions of these radios. I am leaning towards ordering
: a Pro-43 on Monday and am wondering if I could do better.

: Thanks

: Mike

I have an AOR 1000. If you want a FULL coverage radio from shortwave to
1300 mhz, you should look at the 1000. I am not sure you can still get
the one w/ no cell. gaps. Yhe 1000's manual is worthless and it takes
some time to figure out the controls, but the radio is OK. If you just
need to scan the standard bands, do not wish to get TV, then I would
recomend looking at the 43 as it is a better price.

3116. For Sale: PRO-39 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-04-26 03:40:07 UTC
From: kerr@ftp.jsc.nasa.gov
Message-ID: <CouKuw.DnB@ftp.jsc.nasa.gov>
Source record: 275063
Cross-posted to: rec.radio.swap,alt.radio.scanner,rec.radio.scanner

```
For Sale: Realistic Pro-39, cellular restored.
Batteries
Adaptor
Manuals

All in excellent condition, for $190.00 OBO
Send me E-mail or call.

kerr@killerbee.jsc.nasa.gov
or
```

3117. Re: Crypto: For Cops AND Criminals?

Newsgroup: rec.radio.scanner
Date: 1994-04-26 03:58:27 UTC
From: crisp@netcom.com
Message-ID: <crispCouLpG.Jnz@netcom.com>
Source record: 275042

In article <1994Apr25.181600.6569@mixcom.mixcom.com> kevin jessup
<kevin.jessup@mixcom.mixcom.com> writes:
>
>I enjoyed Tim Tyler's post on cryptography as used by police to
>"make private" their conversations. I agree 100%. They should
>be using the best RF digital cryptography system available.
>(UN?)fortunately, they have to work within a budget like the rest
>of us. (Well, not the feds. :-))

As usual I disagree 100% with what Tim Tyler had to say regarding
the use of encryption technology. I can understand why a tekkie
junkie like Tim would say that, with his reputation for speaking
before thinking, but on longer reflection anyone with half a
bit of sense would realize this is a very dangerous thing to allow
in the hands of the police.

Tim's comments were entertaining, but entertainment is just that.
What is important here is checks and balances. If the police can
conduct their everyday affairs under the veil of secrecy, how long
do you think it will take before one of them realizes that he can
say whatever he (or she) pleases with zero chance of a mere citizen
being able to hold them accountable? Given that this WILL happen,
what sort of abusive actions might they be able to get away with
that they otherwise would be reluctant to engage in for fear of
being caught?

We have all probably heard of the "Gorillas in the Mist" comment
from the Rodney King episode. This is only a rather mild example
of the sort of abuse the police subject their citizenry to.

There are natural checks and balances we have in place, and it
is important to keep them there. Those that mess with them run the
risk of creating the groundwork for a gradual enslavement of the
entire country. Stalin loved secret police activity. I don't
think TIm is really wanting to see our society go that way. But
his proposal would certainly move us another step closer if adopted.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3118. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-26 04:38:24 UTC
From: steiners@indirect.com
Message-ID: <2pi5s1$5cj@herald.indirect.com>
Source record: 274930
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

Jim Austin (austin@physics.unc.edu) writes:
>
> > by the time they come for your hunting rifles, there won't be any
> > neighbors to stand "elbow to elbow" with. you'll learn the same
> > lesson pastor Niemoller did, but yours will be even more painful.
> > he simply didn't speak up for the demonized members of his
> > society.
>
> Possibly the most preposterous analogy I've heard or read in at
> least 20 minutes. Not to mention offensive to millions of REAL
> victims with something legitimate to cry about (if they are still
> able, which is unlikely).

in case you've been checked out of reality for the last year, it
wasn't too long ago that nearly a hundred men, women & children were
burned to death as the result of a government attack. the reason for
the attack? they had (gasp) guns!

> Rich white boy gun collector <> holocaust victim. Sorry.

death is a great equalizer, innit? (i'll let the less pigmentally
challenged gun owners in this forum reply to the racial slam...)

> Have you ever noticed how obnoxious people can be when they're
> driving away from you in there cars? [...] I think this electonic
> communication sh*t is similar.

have you ever noticed how people confronted with facts via this
electronic communication shit (you can say "shit", cancha?) delete
90% of the article they're following up to and comment on an analogy
that makes them feel uncomfortable instead of replying with relevant
facts?

> Do you talk that way to your friends? Your coworkers?

hypocrites don't become my friends, and my coworkers are buying
guns because they realize that idiots are selling their freedom for
them.

so, back to the subject at hand: how do you feel now that your
hunting rifle is an "assault weapon preferred by gang members"?
ready to stand "elbow-to-elbow" yet?

i'm not holding my breath.
jason

--
"...It's better to have a gun and not need it
than to need a gun and not have one."
TRUE ROMANCE
`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,` steiners@indirect.com `,`,`,`

3119. PSP freqs and email problems...

Newsgroup: rec.radio.scanner
Date: 1994-04-26 04:53:38 UTC
From: berling@reis60.alleg.edu
Message-ID: <2pi6oi$ap6@mustang.alleg.edu>
Source record: 275046

It seems that I need to make a general announcement about trying
to email me. First, the mail server that links PA and helps get mail in
from the rest of the country is having problems: mail is late (just like
USPS!) or gets bounced back, which seems to be the case most often. Also,
the reply-to: line in my mail is incorrect, which will inhibit those whose
systems automatically put in the email address. The correct, and only one
to use for now is the one in my sig.
To George, Ravi, and Carter, the information is on the way --
there more than likely will be problems in getting it. Please let me know
what happens.
I will post the PSP freq's and barracks again this week for those
who missed them.
Thanks for your patience.

"The wonders of modern technology."

Gordon

---==---
Gordon Berlin berling@alleg.edu
Hershey Vol. Fire Co. Allegheny College
Hersheypark Safety and Security Meadville, PA
Hershey, PA Compuserve:

3120. MODEM

Newsgroup: rec.radio.scanner
Date: 1994-04-26 05:35:23 UTC
From: jkwiatkowski@attmail.com
Message-ID: <9404260535.AA02255@cs.utexas.edu>
Source record: 275060

I decided to mention the modem I have FOR SALE.It is a Hayes Optima 24 + FAX 96.Never used.If interested,please send me a message.Thanks.
John

3121. scanner better than TV for disasters!

Newsgroup: rec.radio.scanner
Date: 1994-04-26 05:55:58 UTC
From: copeland@metronet.com
Message-ID: <Cour5A.C2M@metronet.com>
Source record: 274950

Tonight we had a terrible storm with large hail and multiple tornados.
The towns of Desoto and Lancaster were heavily damaged.

I tuned in the ham frequencies (144-148, 440-448) and found a repeater
the hams were concentrating on their reports of conditions. I was
impressed.

As the 10pm news reported on hail damage reports, the hams were
screaming rapid fire reports of exact location of a twister on the
ground (locating it by watching power lines short out in the darkness).
One ham was tracking the storm while driving through 1" hailstones,
but continued on dispite intense damage to his vehicle. You
could hardly hear him through the hail pounding the car.

As the TV news talked of window damage, the hams were reporting
vehicles flipped upside down wrapped up in power lines.

The repeater channel was moderated by one ham and well organized.
They soon had to split the action to a storm tracing channel
and a first aid channel.

The action went on far into the night. All power and telephone lines
were taken out and police and ambulances totally depended on the hams.

My opinion of hams has changed. I used to think it was somewhat a
useless hobby, where all people talked about was radio equipment.

My hats off to all you hams out there.

3122. Re: SMR Vs. Cellular

Newsgroup: rec.radio.scanner
Date: 1994-04-26 06:19:41 UTC
From: mulligan@ACM.ORG
Message-ID: <2pibpt$8gs@hopper.acm.org>
Source record: 274945

SMRs (Specialized Mobile Radio) are systems in the 851-866 and 935-940 MHz range that offer mobile radio services to their subscribers. Small users get the benefits of a large (trunked) system without having to provide the towers, repeaters, etc, themselves. It is a mobile-mobile and mobile-base system, not a telephone service, although the provider may include phone patch, message storage, signaling, etc.

A decent trunking transceiver will cost several times the price of a cellular phone, and the provider's fees will probably run well over the base charge for cellular service.

I haven't seen the infomercials, but it sounds like the same con that was done for the cellular auction and other FCC frequency introductions. For a large fee the promoter will prepare an application with all the technical requirements. The FCC will review the application package, identify a dozen flaws and reject it. Should by some chance the application be approved, the sucker would find himself expected to spend 100's of thousands of dollars to build the system, then find subscribers to use it. Several promoters have found themselves explaining their work to Federal Court judges.

/* barry /&

3123. Re: how do you monitor police 800mhz systems??

Newsgroup: rec.radio.scanner
Date: 1994-04-26 07:20:09 UTC
From: CLL002@email.mot.com
Message-ID: <CLL002-250494232009@il02ara-macip02.comm.mot.com>
Source record: 275058

> Now that we have explained the assignment criteria, how are people supposed
> to listen to all of this?
>
> To the kind poster from Motorola: NJSP uses your system, how can scanner
> listeners monitor a single subgroup? Are the subgroups constantly updated on
> the control channel? I was actually hoping that a different PL is encoded
> into each transmission based on the subgroup. There are well enough PL's
> to cover a large number of independent subgroups, right? Has that ever been
> tried? I guess since the computer has to determine what output frequency
> is available at the time, it might as well tell each radio to change to the
> appropriate frequency at the appropriate moment.
>
> Oh well.
>
> --
> Steven Jackson

Scanner listeners will not be able to monitor a single subgroup (we call them talkgroups) if the call drops and is reassigned on a different channel. If you happen to catch a call where the people continuously keyup within the programmed hang time of the system, you can catch quite a bit of the conversation. If the system is busy, then forget it -- the call will go to the first available channel based on whoever in some other talkgroup dekeys and nobody else in that talkgroup keys up.

Yes, the subgroups are constantly updated on the control channel, but in order to monitor the calls, you will need a trunked radio scanning that control channel to determine which freq. to go to for the actual call. You could spend years trying to decode the control channel, so it's probably not really worth the effort.

It gets even worse. When the world goes digital (State of Florida has a Motorola ASTRO Digital Trunked System on the air right now) it will be even more difficult to monitor both trunked and conventional systems. If you know the freqs, you'll just hear static.

Luke Lin | I didn't do it | Internet:lukel@ecs.comm.mot.com
ITT Tools, LMPS | Nobody saw me do it | Right Thing,Right Way
Motorola | You can't prove | G. Kawasaki
Schaumburg, IL | anything B. Simpson | Right Tool,Right Process L. Lin

---

3124. Re: Virtual channels on trunk frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-26 07:44:23 UTC
From: CLL002@email.mot.com
Message-ID: <CLL002-250494234424@il02ara-macip02.comm.mot.com>
Source record: 275062

In article <2ojuda$p7v@slinky.cs.nyu.edu>, jackson@longlast.cs.nyu.edu
(Steven Jackson) wrote:

>
> |> I know that Motorola trunked systems have a privacy mode where two users can
> |> grab a repeater for themselves, that no one elso can monitor. The
> |> conversation will sound just like any other to the scanner listener.
>
> That is precisely what NJSP sounds like. "Hey Tommy, go to five." [time]
> "Ya here?" My question is, how does trunk control know which car to allow
> into the private arena once the requesting car has set it up? In other
> words, when Frankie asks Tommy to "go to five", how does the computer know
> that Frankie only wants to talk to Tommy and when Tommy keys up? Is it
> just a short time frame in which both parties have to hit "5" on their
> control heads or what? What if someone wants to snoop? If they just hit
> "5", will they block out Tommy if they hit it first?
>
> Questions questions questions..
>
> Steve
>
>
> --
> Steven Jackson
If the first guy had to tell the second guy to go to five, they just
changed from one talkgroup to another. Probably to a talkgroup that fewer
people had programmed into their radios or one that is less frequently
used. If they really wanted to go into "Private" mode, all one would have
to do (assuming they purchased the option and have it programmed into their
radios) is hit a Private Call button, type in the other radio's ID, and a
private call is setup.

Luke Lin | I didn't do it | Internet:lukel@ecs.comm.mot.com
ITT Tools, LMPS | Nobody saw me do it | Right Thing,Right Way
Motorola | You can't prove | G. Kawasaki
Schaumburg, IL | anything B. Simpson | Right Tool,Right Process L. Lin
---

3125. Re: For Sale: Pro-43 w/800mhz. MOD Complete

Newsgroup: rec.radio.scanner
Date: 1994-04-26 09:39:53 UTC
From: storpis@crl.com
Message-ID: <2pinh9$53n@crl.crl.com>
Source record: 275066

In article <2865@wtcp.daytonoh.ncr.com>,
Bruce Langos <blangos@wtcp.DaytonOH.NCR.COM> wrote:
>
>PRO-43 only 6 months old with Nicads and AC/Battery Charger. Will ship
>anywhere in the USA. No scratches, etc. Price: $275.00

Is this still available? If so I am interested. Thanks.

--
Sharif Torpis | "Death is a banker. Everyone pays."
Senior Consultant |
Black Lodge Engineering | "Let it ride because you never shoot the horse."
storpis@crl.com |

3126. Re: Looking for NYC Frequency List

Newsgroup: rec.radio.scanner
Date: 1994-04-26 11:46:21 UTC
From: schuster@panix.com
Message-ID: <2piuud$2lu@panix2.panix.com>
Source record: 275073

In article <2phldb$r25@pipeline.com>, Anthony Lew <aplew@pipeline.com> wrote:
>Can anyone provide information about where I can find the most
>complete NYC frequency list?

Buy a copy of Scanner Master, New York Metro Edition.
1-800-SCAN-701

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3127. Illinois hamfest list...Dayton, too

Newsgroup: rec.radio.scanner
Date: 1994-04-26 12:43:38 UTC
From: parnass@cbnewse.cb.att.com
Message-ID: <CovA0w.GpC@cbnewse.cb.att.com>
Source record: 274937
Cross-posted to: rec.radio.amateur.misc,rec.radio.swap,rec.radio.scanner,alt.radio.scanner,sci.electronics,rec.radio.shortwave

x
HAMFEST CALENDAR 1994 - NORTHERN ILLINOIS
last updated April 26, 1994

o Please report additions or changes to Bob Parnass, AJ9S, office phone: (708)979-5414, electronic mail: parnass@ihlpf.att.com.

APRIL

April 29, 30, and May 1: Dayton, OH - Dayton HamVention. Hara Arena, Information, General: (513) 276-6930, Flea Market: (513) 276-6932 (Reservations not accepted by phone). Write: Hamvention, Box 964, Dayton, OH 45401-0964.

Advance Registration: Checks in $US, payable to Dayton Hamvention. Send name, address, call, and day and evening phone numbers. Enclose separate checks for admission and Flea Market.

Be sure to indicate either: Send admission tickets ONLY if flea market space assigned. Send admission tickets REGARDLESS of space assignment. Admission: $11.00 per person ($14.00 at door, good all 3 days). Banquet: $22.00 per person ($24.00 at door, if available). Send to: Dayton Hamvention, Box 1446, Dayton, OH 45401-1446.

MAY

May 1, Sunday: Sandwich, IL - DeKalb Hamfest, Kishwaukee ARC. Admission $5. Sandwich Fairgrounds, Suydam and Getty Roads, Sandwich, IL. For info, contact KARC, PO Box 264, Sycamore, IL 60178.

May 22, Sunday: Wheaton, IL - GMRS of Illinois May Fest '94. Admission $5. Starts 8 AM. Setup 6 AM. Info, call (708)690-1492.

May 29, Sunday: Chicago - Chicago ARC. DeVry Institute, 3300 N. Campbell. Starts 8 AM. Setup 6 AM. Admission $4. Kids under 12 free. Talk-in 147.255, 444.825. Info, (312)666-1606 or (312)545-3622.

JUNE

June 5, Sunday: Princeton, IL - Starved Rock Radio Club. Bureau County Fairgrounds. Admission $5. Talk-in 146.355/955. Info, Bruce Burton, KU9A (815)795-2201.

June 12, Sunday: Willow Springs, IL 6 Meter Club Ham-fest, Six Meter Club of Chicago. Santa Fe Speedway, 91st Street and Wolf Road. Admission $5. Gates open 6AM. Talk-in on 146.52 simplex or 146.97 repeater. Info, call Joe Gutwein, WA9RIJ, at (708)963-4922.

JULY

July 24, Sunday: Stickney, IL - DuPage ARC hamfest, Hawthorne Race Course, 3500 South Cicero Ave. Handicap accessible. Starts at 6 AM. Talk in on 142.25 MHz with 107.2 PL. (-600). VE Testing 9 - 12. Advance tickets are $4.00, $5.00 at the door.

This hamfest used to be held at the American Legion in Downers Grove and was a good small to medium-sized ham-fest. This year, there will be a 30,000 square foot indoor exhibit area in an air conditioned building, plus outdoor tailgating.

For advance tickets, send check payable to DARC, enclose SASE, and send to Hamfest 94, 7511 Walnut Ave, Woodridge, IL 60517. For commercial or fleamarket tables info, call 708-985-9256.

SEPTEMBER

September 11, Sunday: Joliet, IL - Bolingbrook ARS Ham/Computerfest, Inwood Recreation Center, 3000 W. Jefferson. This is a medium size hamfest with indoor/outdoor flea market. Gates open 8 AM for general public. Outdoor flea market on paved lot -- setup at 6 AM. Use Exit 253 from I55, or Exits 126/130 from I80. Admission $5. VE testing 9 AM - 12 noon. Bring original license and photocopy, ID and photo ID, plus $5.75 test fee. Novice-only tests are free. Talk-in 147.33, 224.54, and 443.525 MHz repeaters. Indoor table reservation, call Ed Weinstein at 708-085-0527. Info, BARS Hotline (708)759-7005 between 6 AM and 9 PM.

September 17-18, Saturday & Sunday: Peoria, IL - Super-fest. Admission $5. For more info call (309)685-6698. Talk in on 146.76 (-600 kHz offset).

September 24-25, Saturday & Sunday: Grayslake, IL - Chicago FM Club, Ham Radio Expo. This is a large ham-fest with indoor and outdoor flea markets. Lake County Fairgrounds, Rts 45 & 120. 6AM - 6PM. Info 146.76 MHz (-600). Admission $6 at gate, one ticket good for 2

days. Kids under 12 free.

NOVEMBER 1994

Nov 27, Sunday: Wheaton, IL - GMRS of Illinois May Fest
'94. Admission $5. Starts 8 AM. Setup 6 AM. Info,
call (708)690-1492.
--
==========
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

3128. Frequencies for Tour du Pont Bicycle Race

Newsgroup: rec.radio.scanner
Date: 1994-04-26 12:55:47 UTC
From: mprender@wyvern.jsc.nasa.gov
Message-ID: <mprender-260494125547@139.169.5.36>
Source record: 275070

Does anyone know the scanner freq. that will be used by the race
organizations during the tour?

--
Mike Prendergast
mprender@wyvern.jsc.nasa.gov

3129. Scanner Frequencies for Tour du Pont Bicycle Race

Newsgroup: rec.radio.scanner
Date: 1994-04-26 13:02:38 UTC
From: mprender@wyvern.jsc.nasa.gov
Message-ID: <mprender-260494130238@139.169.5.36>
Source record: 275071

Does anyone know the scanner freq. that will be used by the race
organizations during the tour?

--
Mike Prendergast
mprender@wyvern.jsc.nasa.gov

3130. Re: AT&T AIR ONE SYSTEM

Newsgroup: rec.radio.scanner
Date: 1994-04-26 13:27:35 UTC
From: wbloss@delphi.com
Message-ID: <ZU4ubZv.wbloss@delphi.com>
Source record: 274926

David R Tucker <drt@world.std.com> writes:

>You're biggest problem here is not their frequency (800 MHz band) but the
>emission mode, which is Amplitude Compandored SSB, 6 kHz channel spacing.
>The FM mode just won't work, and I'll bet your scanner doesn't give you

PMBI...
SOme scanners have an AM mode setting, like my RS 2005. WOrks JUST FINE
in receiving "acsb" which sounds ever so much like full carrier double
side band (ie AM!). "Downlink" freqs have been published, but simply
scanning 895-897 MHz should get a signal within 5 minutes, dozens during
peak flying periods". ECPA cops beware tho!

73,

Wally Bloss
WB0BAV
A Human

3131. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-26 13:41:37 UTC
From: rausch@rtsg.mot.com
Message-ID: <2pj5mh$nul@delphinium.cig.mot.com>
Source record: 275002
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

In article <2pgq08$otl@bigblue.oit.unc.edu>, austin@physics.unc.edu (Jim Austin) writes:
|>
|> by the time they come for your hunting rifles, there won't be any

{snip}

|>
|> I'd like to make a general comment, not directly related to this issue.
|> Have you ever noticed how obnoxious people can be when they're driving away
|> from you in there cars? People who would never dream of pushing in line in
|> front of you at the supermarket don't hesitate to force you off the road to
|> save 5 seconds. I don't think they'd do it to your face, y'know? I think this
|> electonic communication sh*t is similar. Somehow this electronic intermediary
|> causes to be far more obnoxious and offensive than they'd probably be to your
|> face. I don't mean that to sound like some sort of a challenge. It's just an
|> observation. Do you talk that way to your friends? Your coworkers?
|>
|> JC Austin

--

Hear, Hear

David

David R. Rausch /\ /\ Motorola Cellular Infrastructure
Voice(708) 632-6730 / \/ \ 1501 W. Shure Dr. Suite 3223B
Fax (708) 632-4734 / \ Arlington Heights, Ill 60004

3132. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-26 13:42:29 UTC
From: netzel@neon.afsac.wpafb.af.mil
Message-ID: <netzel.767367749@neon.afsac.wpafb.af.mil>
Source record: 275074

jerry@hnrc.tufts.edu (Jerry Dallal) writes:

>In article <1994Apr22.012040.3998@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>> In article <2p29kd$c9g@dancer.cc.bellcore.com>, whs70@dancer.cc.bellcore.com (sohl,william h) writes:
>>> Amen to that. If, the new crop of scanners does prove to be
>>> unmodifiable, then you'll see a bunch of tech articles on
>>> how to build a broadband downverter.
>>
>> Either that, or ... if the RF circuitry can handle the locked-out range, ie if
>> the limitations are strictly in the programming, a lot of other possibilities
>> come to mind. If the programming is in a PROM, this of course can be changed.
>>

>Correct me if I'm wrong . . .

>After April 26, not only will it be illegal to import or manufacture scanners
>(being interpreted my the manufacturers to *include* transceivers) that receive
>the forbidden frequencies, but it will be illegal to build your own.

>I don't know how this relates to scanners that are already modifiable. Right
>now, it's not illegal to modify your scanner for extended RX or, at least, I
>haven't heard anyone make the claim that it is. So all the fiddling around and
>modifications are within the law (just don't listen). I don't know how this
>will change after April 26.

...interesting.....I would venture to say that a "scanner kit" does
not fall in the purvue of the FCC since it is not considered a fully
functional product for retail purposes.......hhmmmmm.....what about a
computer card that not only is a frequency counter but also a
tuneable receiver (aka a "scanner")....the software determines how it
operates, scanner, searcher, freq counter, spectrum analyzer,
etc......

3133. Re: New BC Handhelds - Any reports?

Newsgroup: rec.radio.scanner
Date: 1994-04-26 13:50:46 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.173.000DD906@ccm.hf.intel.com>
Source record: 274964

In article <767298371-0-27717@chop.isca.uiowa.edu> Eric White <ewhite@chop.isca.uiowa.edu> writes:

>Does anyone have any reports on the performance of the new BC 120XLT and 220
>XLT (replacements for the 100XLT and 200XLT)? In particular:
> Does the Turbo scan feature shorten battery life?
> Is the 180 mW audio output spec accurate, or just a lowball SWAG?
> Is the RF performance any better than that of the 100/200 XLT?
> Does the data skip function really help?
>Has Uniden made any real improvements over the 100/200 XLT with these new
>units, or are they now capable of receiving more interference faster than ever
>before?

Last I heard, they were still not released.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3134. Re: Crypto: For Cops AND Criminals?

Newsgroup: rec.radio.scanner
Date: 1994-04-26 14:09:38 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.174.000E2982@ccm.hf.intel.com>
Source record: 274965

In article <crispCouLpG.Jnz@netcom.com> crisp@netcom.com (Richard Crisp) writes:
Newsgroups: rec.radio.scanner

>In article <1994Apr25.181600.6569@mixcom.mixcom.com> kevin jessup
<kevin.jessup@mixcom.mixcom.com> writes:>>
>>I enjoyed Tim Tyler's post on cryptography as used by police to
>>"make private" their conversations. I agree 100%. They should
>>be using the best RF digital cryptography system available.
>>(UN?)fortunately, they have to work within a budget like the rest
>>of us. (Well, not the feds. :-))

stuff deleted

>do you think it will take before one of them realizes that he can
>say whatever he (or she) pleases with zero chance of a mere citizen
>being able to hold them accountable? Given that this WILL happen,
>what sort of abusive actions might they be able to get away with
>that they otherwise would be reluctant to engage in for fear of
>being caught?

Part of me agrees with this but another part of me doesn't. I think it is a
little self serving to think that us scannists play any real role in
regulating police activities. To think that we, somehow, prevent police from
performing illegal acts by monitoring their comms is a bit silly. Perfoming
illegal acts does not necessarly require any radio communications.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3135. Re: Looking for any and all info on LoJak

Newsgroup: rec.radio.scanner
Date: 1994-04-26 14:13:59 UTC
From: <>
Message-ID: <2pj7j7$9vm@wizard.uark.edu>
Source record: 274931
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

bscott@bnext.gatech.edu (Ben Scott) writes:

>I am looking for information about LoJak auto recovery system. I am
>interested in how it works, what frequency/ies it uses, how it is

Ben, Post to rec.radio.scanner. There is an ongoing thread about LoJack
over there.

The most common freq seems to be 173.075 MHz. Look for the 4 antenna
Doppler array on your neighborhood cruiser. Inside you'll find a
dash-mounted panel with a multi-digit display and a ring of LEDs. Once
the system is activated (by LoJack triggering the beacon), the VIN shows
up on the dash and the LEDs point the way.

MA, NJ, FL, DC, and others have the system. Again follow the thread over
on r.r.s for more details.

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Peter Laws <plaws@comp.uark.edu> |>> University of Arkansas <<
n5uwy@ka5bml.#nwar.ar.usa.noam |>> Home of the NCAA Champion Razorbacks <<

3136. Re: scanner better than TV for disasters!

Newsgroup: rec.radio.scanner
Date: 1994-04-26 14:40:34 UTC
From: ron@fc.hp.com
Message-ID: <CovFFM.GIu@fc.hp.com>
Source record: 274934

Charles Copeland (copeland@metronet.com) wrote:

<<<< tornado/wx emergency being dealt with by hams >>>>>

: My opinion of hams has changed. I used to think it was somewhat a
: useless hobby, where all people talked about was radio equipment.

: My hats off to all you hams out there.

2 years ago we had some severe storms move thru our local area. For the
first time in 10 years the wife and I moved ourselves and our parrots
into the basement just in case.

I brought two scanners: 1 to follow the tornado chasers and 1 to track
what the municipal agencies were doing. There were funnel clouds
all around us when you integrated all the info.

The tornado chasers certainly do everyone a large service and it
isn't boring!!!!!!! (Who *says* ham radio is only a bunch of old geezers
putting each other to sleep?)

Scanning: an addictive hobby that'll put you about 5 jumps ahead of the news.

Ron Miller
NW0U (not a tornado chaser)

3137. Re: Illinois anti scanner

Newsgroup: rec.radio.scanner
Date: 1994-04-26 14:42:00 UTC
From: mike.moffit@totembbs.com
Message-ID: <940501081753107@totembbs.com>
Source record: 274928

SW>I understand everyone's concern... but last I heard is that there is a full
>federal pre-emption by FCC concerning this sort of thing for amateurs
>I suspect that it would be difficult to convince the cop on the beat
>that you are within your rights...and it might even take a court case
>to get it beaten into the state's head that the exemption exists... but it
>should be sufficient.

I haven't heard about full Federal protection for Amateurs with portable
sanners, but Michigan has a 30-year-old law guaranteeing Technician
class or higher the right to have a portable scanner in their car...

 SLMR 2.1a CAUTION...We have a trigger happy Klingon at tactical.

3138. Re: Antenna help

Newsgroup: rec.radio.scanner
Date: 1994-04-26 15:10:44 UTC
From: randolph@est.enet.dec.com
Message-ID: <CovEF4.7GJ@ryn.mro.dec.com>
Source record: 274938

In article <Cop572.MIG@news.cis.umn.edu>, tillek@wings.micro.umn.edu (Keith Dalluhn) writes...
>I was given an antenna that is supposed to be able to work with my scanner.
>I dont know the brand name, but it is about 12 feet long, and has about
>1 1/2 foot attachments on it. It looks something like this:
>
> \ /
> \ /
>---------------o----------------
> / | \
> / | \
> |
>Anyone know the type, frequencies, or anything usefull?

Yah, that's the Channel-Master scanner antenna. I have one hooked up to an old Bearcat, works pretty good. Claimed freq range is 30 to about 900 MHz. I think it's just a variation on the "fan dipole" antenna that hams use. The supplied balun has an "F" connector for 75 ohm coax, so use RG6, or RG59 if your cable is short (less than 25 feet or so).
-Tom R. N1OOQ randolph@est.enet.dec.com

3139. CAR ALARM freq's

Newsgroup: rec.radio.scanner
Date: 1994-04-26 15:40:06 UTC
From: norton@joker.optics.rochester.edu
Message-ID: <NORTON.94Apr26154006@joker.optics.rochester.edu>
Source record: 274960

A friend of mine just came to me and asked me about those little car alarm controllers. He said that a woman was also turning her car alarm off next to his car and it turned his off too! He asked me what kind of emmission those "key chain car alarm controllers" use. I guessed that they're around 46MHz, but Im not sure. Anybody know any details? I would appreciate any info. Could you also email to me at norton@optics.rochester.edu
Thanks!

3140. Re: IL LAW UPDATE

Newsgroup: rec.radio.scanner
Date: 1994-04-26 15:40:39 UTC
From: jkimbro@mezzrtm.lasc.lockheed.com
Message-ID: <Covl7s.Fp3@butch.lmsc.lockheed.com>
Source record: 274940

In article 2db83d80@f747.n115.z1.fidonet.org, Ted.Moran@f747.n115.z1.fidonet.org (Ted Moran) writes:
>From the Chicago Area Radio Monitoring Association, 6143 W. Touhy
>Ave, Chicago, Illinois, 60646. Voice - (312) 631-5560 FAX-(312)
>631-6499
>
>We attended a committee meeting of the Illinois House Judiciary 2
>panel on April 21st in Springfield. Among the bills discussed was
>House Bill 4180, which in it's original form makes illegal the
>possession of any scanner that can be DC power operated. Other than
>our group of 3 hobbyists only one other person showed up to support
>our cause. He was a amateur radio operator from out of state. This
>was a far cry from the show of force we had hoped for.
>

Let's think about this for a minute. I would dare say that EVERY scanner not only CAN be DC power operated but MUST be DC power operated! Even a base-type scanner that plugs into an AC outlet simply converts that AC to DC inside the unit; the solid state electronics inside your scanner require a DC voltage. So depending on the technical knowledge of those enforcing the law, it will either prevent possession of ALL scanners or it will simply require a simple mod that puts a DC power jack into the scanner after the transformer/filter circuit. Or maybe we're forced to go back to vacuum tubes!

>Ted Moran, editor CARMA Newsletter

Jon

Jon Kimbrough jkimbro@lasc.lockheed.com
=====
Disclaimer: The opinions expressed herein, either stated or implied, are solely my own and do not reflect Lockheed's views in any manner.

3141. Re: Opinions on AOR1000 or BC2500XLH

Newsgroup: rec.radio.scanner
Date: 1994-04-26 15:49:17 UTC
From: hayden@krypton.mankato.msus.edu
Message-ID: <1994Apr26.104917.5054@vax1.mankato.msus.edu>
Source record: 274929

I have a BC2500 and I really do like it. I've not used the PRO-43, so I can't really compare it, but the BC works great.

There have been some reports of intermod problems with the BC, but as I live in a smaller town, I've not had any problems.

--
____ Robert A. Hayden <=> hayden@krypton.mankato.msus.edu
\ /__ -=-=-=-=- <=> -=-=-=-=-
\/ / Finger for Geek Code Info <=> Political Correctness is
\/ Finger for PGP 2.3a Public Key <=> P.C. for "Thought Police"
-=-=-=-=-=-=-=-
(GEEK CODE 1.0.1) GAT d- -p+(---) c++(++++) l++ u++ e+/* m++(*)@ s-/++
n-(---) h+(*) f+ g+ w++ t++ r++ y+(*)

3142. Re: Pro43 audio mod - request for opinions

Newsgroup: rec.radio.scanner
Date: 1994-04-26 16:06:49 UTC
From: dkm@col.hp.com
Message-ID: <2pje6p$b59@hp-col.col.hp.com>
Source record: 274944

I tried the audio mod on my Pro-43 and didn't like it. Removing the capacitor made the audio *MUCH* better but also increased the amount of hiss that came through to unacceptable levels (for me to tolerate that is). Since I didn't have any other smt capacitors to try, I replaced the original. When I use the Pro-43 in the house, I use an amplified speaker with a tone control. In the car I usually use a small set of unamplified stereo speakers for a walkman type radio. The larger speaker produces a bit more volume than the internal speaker and the cheap construction kills most of the bass ;)

Dave Martin - dkm@col.hp.com

3143. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-26 16:39:15 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Apr26.113916.2272@hnrc.tufts.edu>
Source record: 274942

In article <1994Apr22.193657.4006@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
> So, what's your point?

Only that using the net to directly further illegal activity is frowned upon.

People are quite happy to discuss modifying scanners because modifying a scanner, in and of itself, is not illegal. However, if *making* a scanner that receives the forbidden frequencies were illegal, many might frown upon using the net to distribute the plans for such a unit.

3144. Re: COAX CABLE RG59B/U 60 ???

Newsgroup: rec.radio.scanner
Date: 1994-04-26 16:45:53 UTC
From: joerger@rd1.InterLan.COM
Message-ID: <CovL8I.3ox@rd1.InterLan.COM>
Source record: 274933

Refering to several posts about coax to use for scanners --

I just installed Belden 9913 on both of my discones. 9913 is about the size of RG8, it is stiffer then normal coax and has a 50 ohm impedance.

Its loss at UHF is much much lower than RG59 or 58 (don't have the specs here at work but if there is interest I'll bring them in).

It made a measurable and remarkable difference!

Two drawbacks 1 it is more expensive -- about $0.55 per foot
2. it is harder to work with

Rich

--
+---+
| Richard Joerger |
| joerger@sunburn.interlan.com |
| Racal-Datacom, Sunrise FL |

3145. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-26 17:23:46 UTC
From: hays@ichips.intel.com
Message-ID: <hays.767381026@ichips>
Source record: 275010
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

In article <2pi5s1$5cj@herald.indirect.com> steiners@indirect.com (Jason and Heather) writes:
>Jim Austin (austin@physics.unc.edu) writes:
>>
>> > by the time they come for your hunting rifles, there won't be any
>> > neighbors to stand "elbow to elbow" with. you'll learn the same
>> > lesson pastor Niemoller did, but yours will be even more painful.
>> > he simply didn't speak up for the demonized members of his
>> > society.
>>
>> Possibly the most preposterous analogy I've heard or read in at
>> least 20 minutes. Not to mention offensive to millions of REAL
>> victims with something legitimate to cry about (if they are still
>> able, which is unlikely).
>
>in case you've been checked out of reality for the last year, it
>wasn't too long ago that nearly a hundred men, women & children were
>burned to death as the result of a government attack. the reason for
>the attack? they had (gasp) guns!
>
>> Rich white boy gun collector <> holocaust victim. Sorry.
>
>death is a great equalizer, innit? (i'll let the less pigmentally
>challenged gun owners in this forum reply to the racial slam...)

Glad to oblige, even if I'm not "melanin enhanced."

I'm white.

I'm male.

I'm upper middle class (not rich, except by Clintonista standards).

I have a gun collection.

I'd have been toast in "The Final Solution."

Why?

One of my grandmothers was a full blood Danish Jew.

By Aryan standards, I'm "tainted." Severely and sufficiently.

At last count, I lost 49 relatives in the Holocaust. And an unknown number of their descendants.

--
Kirk Hays
Seventh Generation NRA Life Member.
[I don't speak for Intel. I don't consider myself Jewish.]

3146. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-26 17:30:29 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2pjj3l$d5u@dancer.cc.bellcore.com>
Source record: 274936

In article <1994Apr26.113916.2272@hnrc.tufts.edu>,
Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
>In article <1994Apr22.193657.4006@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>> So, what's your point?
>
>Only that using the net to directly further illegal activity is frowned upon.
>
>People are quite happy to discuss modifying scanners because modifying a
>scanner, in and of itself, is not illegal. However, if *making* a scanner
>that receives the forbidden frequencies were illegal, many might frown upon
>using the net to distribute the plans for such a unit.

But, as said, it is most definetly NOT illegal to make your own
scanner or converter, etc. Thus, publishing details on how to
do so via the net is in no way illegal, nor should anyone be
upset about it. Certainly, even if it were illegal to "build
your own," the knowledge as to how to do so is not illegal.
To somehow "outlaw" the distribution of such information would
require a major "adjustment" to the first amendment.

For many years, there were designs floating around, as well as
published in various magazines/newsletters, etc. for devices
which, if built, were used to defeat the telephone company
billing process for long distance calls. I have no recollection of
anyone ever being charged, much less found guilty, of any
violation for having and/or distributing the construction details
of those devices.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

3147. Re: Changing frequency of Motorola Hand-Helds

Newsgroup: rec.radio.scanner
Date: 1994-04-26 17:36:27 UTC
From: ccopreb@phantom.oit.gatech.edu
Message-ID: <2pjjer$lb8@phantom.oit.gatech.edu>
Source record: 274977

In <2pe53u$mea@nntp.club.cc.cmu.edu> eln@drycas.club.cc.cmu.edu writes:

>Does have any information on changing frequency of Motorola
>Spirit VHF Business band hand-helds.

>There is a four position dip switch under the battery case that
>I suspect may change frequencies.

I believe those switches change the PL (sub-audible) tone. Changing
the frequency on those radios involves a crystal swap and re-tuning, I
think. The high-end motorola hand-helds have synthesized tuning and
can be re-programmed for new frequencies with a PC and some software
from Motorola, but I don't think the Spirit line is synthesized.

--
Earl Barfield -- Operations Department / Information Technology
Georgia Institute of Technology, Atlanta Georgia, 30332
Internet: Earl.Barfield@oit.gatech.edu ccopreb@prism.gatech.edu
earl@fantasy.gatech.edu ccopreb@oit.gatech.edu

3148. help for beginner

Newsgroup: rec.radio.scanner
Date: 1994-04-26 17:48:48 UTC
From: s0781@desire.wright.edu
Message-ID: <1994Apr26.124848.21502@desire.wright.edu>
Source record: 274961

What portable handheld scanners are good? Where is the best place to buy one- Radio Shack or somewhere else? Also what is the deal with the 800Mhz frequencies? Can you enter them in and hear both sides of the conversation, or is it more technical than that? The Bearcat scanner I have now is an inexpensive one which does not cover very many bands. I want to get a new scanner, but do not know what kind to get. I am leaning towards a portable, handheld model. Will this work with a magnetic mount anntenna on a car and still receive good without hurting anything. Basically I am looking for any information anyone can give me, since I am a beginner. Also I am looking for Southern Ohio frequencies, such as business ones- like power companies, water companies, and other such utilities. Any help given would be much appreciated. Thank you.

3149. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-26 18:09:31 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2pjlcr$jeu@slinky.cs.nyu.edu>
Source record: 274962

In article <1994Apr26.113916.2272@hnrc.tufts.edu>, jerry@hnrc.tufts.edu (Jerry Dallal) writes:
|> In article <1994Apr22.193657.4006@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
|> > So, what's your point?
|>
|> Only that using the net to directly further illegal activity is frowned upon.
|>
|> People are quite happy to discuss modifying scanners because modifying a
|> scanner, in and of itself, is not illegal. However, if *making* a scanner
|> that receives the forbidden frequencies were illegal, many might frown upon
|> using the net to distribute the plans for such a unit.

Everyone should be happy this isn't the Fido echo. You're not even allowed to use the word "cellular". They all call it the business band over there as if no one knows what they're really talking about.

Among other things, you're not allowed to discuss the code/no-code issue either. The moderator decided for the world that it's a dead issue.. just as "good" conversations were popping up here about extending the no-code up through the ranks, too. Real stickler. I'm generally just a reader in both places, but I always enjoy coming back here.

--
Steven Jackson New York University
Assistant to the Chair of Comp Sci Courant Inst. of Mathematical Sciences
jackson@cs.nyu.edu, jcksnste@acfcluster 251 Mercer St, Room 411,NY 10012
"Not in my head.. so I don't have to think.." -- Nik Fiend

3150. microphone frequencies in police vehicles

Newsgroup: rec.radio.scanner
Date: 1994-04-26 18:56:10 UTC
From: dmsmith@tacom-emh1.army.mil
Message-ID: <2pjo4a$cka@VTC.TACOM.Army.Mil>
Source record: 274939

Many of the police cars in my city now have video cameras, the officers wear wireless microphones, the receive antenna on the police car looks to be in the VHF high range, does anyone know what frequencies the wireless microphones transmit on ? also when more than one police car is at the same location how does the receiver know which microphone to listen to ? different frequencies or something like PL.

3151. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-26 19:17:36 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <Covs9J.Cux@cbnewsc.cb.att.com>
Source record: 275009
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

| Which is precisely what the attacks on civilian
| owned military-style semi-automatics are all about in the USA.

|I don't agree. I don't buy it.

Come on up to talk.politics.guns if you want to get into this.

| Who are these guys, and why do they want our guns so much?

| FBI?

Yes. The current FBI head has no problem with gun bans, and the FBI head under Bush had no problem with it either. There was also an internal FBI "study" of gun control advocating this, and was in fact featured in some NRA ads in sporting magazines.

Also, Department of Justice under Janet Reno has been advocating these semi-auto bans.

| CIA?

I suggest you look at Nelson T. Shields' book "Guns Don't Die" for the role that CIA current-and-ex employees had in forming Handgun Control Inc. Shields was once the head of HCI.

BATF is also actively supporting the bans on semi-autos.

| Liberal media?

A worthy mouthpiece for HCI in the spirit of Radio Moscow. NPR is an excellent exemplar of news media shills for HCI.

| ACLU?

ACLU was once affiliated witht the National Coalition to Ban Handguns, whose new name, the Coalition to Stop Gun Violence, reflects their expanded activities, of which banning "military-style semi-automatics" is but one.

The national ACLU has withdrawn their affiliation with NCBH, but local chapters are still advocating gun bans.

| Democratic National Committee?

So much so that an opposition organization entitled: "Democrats for the Second Amendment" has been formed.

|Incidently, smarter than a frog does NOT equal intellectual. Frogs aren't
|that smart ('though I guess it depends what you're used to).

Amusingly, I noticed another Chinese dissident was released by the PRC,
and was immediately flown to the USA for medical treatment. Seems being
an "intellectual," a physicist among other things, didn't help him
one iota in the face of his political jailers... or how about that other
Chinese dissident from awhile back who was under US diplomatic protection,
the astrophysicist? All that intellect, certainly much more than a mere
frog, not meaning a damn thing in the face of smallarms wielded by
communist minions... I guess it didn't impress them enough, huh?

|jca

Followups to talk.politics.guns.

3152. freedom to monitor Detroit style

Newsgroup: rec.radio.scanner
Date: 1994-04-26 19:44:36 UTC
From: dmsmith@tacom-emh1.army.mil
Message-ID: <2pjqv4$ejm@VTC.TACOM.Army.Mil>
Source record: 274941

The American public MUST be allowed to monitor any public service frequency it desires ! I do not believe the police officer on the street or the fire fighter or the ems technician give your monitoring of there radio transmissions a second thought, UNLESS, you get in there way, then you and your scanner should be instructed to get out of the way or you will be taken to jail.

The politicians, mayors, county executives and governors who direct the operations under their control are the ones who need watching. Paranoid, self-promoting politicians are the problem, not the police officers, fire fighters, ems technicians or civilians who monitor there radio transmissions.

Case in point: The former mayor of Detroit forced a trunked radio system on the police department, press reports said the police did not need or want it. So, why was a trunked radio system installed ? If you take a look at what services use the system it becomes clear. The former mayor denied that Detroit had a gang problem while the citizens suffered the results of gang activities. Where are gang squad officers found to operate ? on the trunked radio system. The press said the mayor was using the system to cover up the problem. The former mayor wanted and got a new trash incinerator said to be the worlds largest and that its operation would not hurt the environment. Where can the plants operations be found, your correct on the trunked radio system. The public lighting commission which generates electric power for street lighting, traffic lights, schools etc was having major problems. Large portions of the city would have no street lights for weeks at a time. The press reported these problems and was told by the mayor they were adding to the problem by telling the criminals where the lights were out. Guess were the lighting commission now operates, the trunked radio system.

This is a classic example of how radio transmissions are hidden from the general public, and the press. First hand knowledge of what is happening in your community is dangerous to the politician.

.

3153. Re: INMARSAT (legalities of monitoring it?) was re: INMARSAT

Newsgroup: rec.radio.scanner
Date: 1994-04-26 20:43:16 UTC
From: jdow@BIX.com
Message-ID: <jdow.767392996@BIX.com>
Source record: 274988

David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:

> > From: crisp@netcom.com (Richard Crisp)
> > Organization: Netcom Online Communications Services (408-241-9760
> > login: guest)

> > While I am not a lawyer, I believe it is just as illegal to monitor
>INMARSAT
> > as it is to monitor cellular. Reading the penalties in the ECPA, it

> I'm glad you aren't, because it isn't.

Hokay - well good luck with all but the old INMARSAT-A protocols. Things like
INMARSAT-M are digitized voice, fax, secure voice, and data using a fairly
um er complex set of algorithms and voice coding etc. (4.8kbps basic data rate
for voice et al.) You'd have to figure out the scrambling vectors assigned as
well as learn the proprietary voice coding algorithms and the proprietary
protocols involved.
<^_^> Joanne Dow, Amiga Exchange Editor
jdow@bix.com
(Having just added Fax capability to the MESC 3400 INMARSAT-M terminal.
We're just waiting for type approval paper work to get back, now.)

3154. Cordless phone frequencies

Newsgroup: rec.radio.scanner
Date: 1994-04-26 20:45:40 UTC
From: michaeha@soul.tv.tek.com
Message-ID: <2pjuhk$gf0@news.tv.tek.com>
Source record: 274978

Is there a comprehensive list of cordless phone frequencies out there? I just bought a scanner and want to compile a list of frequencies.

Mike

3155. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-26 21:38:46 UTC
From: an030@cleveland.Freenet.Edu
Message-ID: <2pk1l6$4kd@usenet.INS.CWRU.Edu>
Source record: 274959
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

In a previous article, hays@ichips.intel.com (Kirk Hays) says:

>I'd have been toast in "The Final Solution."
>
>Why?
>
>One of my grandmothers was a full blood Danish Jew.
>
>By Aryan standards, I'm "tainted." Severely and sufficiently.

I'm probably more tainted than you. :) Something like
1/16 Cajun, 1/16 Black. :) Gad!

You know, chums. I just can't see getting myself killed
for guys like this Austin, dude. I just can't see it. If
there were only a few, I guess. But there are *so* many
now, who *deserve* free health care. They *deserve* safety,
etc, etc.

I mean, come on. Look around the world. Assuming we even
have another election, just look at places like Russia, or
South America. These places have come a long way. I wouldn't
be surprised if the people in Russia are more free than us by
2000. And they'll have finally *solved* their problems, while
the government here will continue running a huge deficit, etc.

It's just like the stock market. Buy low, sell high. I don't
see my U.S. citizenship going up much more in value. :)

It's a sad thing, but if Bill wants to brun Jim, well, why
should *I* stop it? I just can't see it.

I've been trying to talk my parents into relocating to Costa
Rica for over a year now. They keep arguing, but lately, well,
they've been keeping a more open mind. They didn't think Bill would
be *this* bad.

I tell you. If Uncle Sam can't get those interest rates down again,
we're pretty much guaranteed to follow Germany's depression example.

It may sound cowardly, but I just can't see endangering *my*
remaining 35 years. Not for these kind of people. Drug-dealers
maybe. Howard Stern, maybe. Not these.

--

" Bill Clinton is not a criminal "
- Lynn Wallace

3156. Double scan rate of BC100/200/205XLT, others

Newsgroup: rec.radio.scanner
Date: 1994-04-26 21:52:40 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Apr26.215240.20017@rsg1.er.usgs.gov>
Source record: 274989
Cross-posted to: rec.radio.scanner,rec.radio.swap,rec.radio.amateur.equipment

Hello,

I am selling a ceramic resonator which doubles the scan/search rate of
the Uniden BC100/200/205XLT, PRO-35 and Regency R4020/4030 handheld scanners
to 41 ch/sec. Simple instructions are included. I had to buy in quantity
and am selling off the remainder. I have 11 left.

The price is $5 each, including shipping in the US. Please email
me for my address if interested. Thanks...

--
++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0YGT +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

3157. Re: AT&T AIR ONE SYSTEM

Newsgroup: rec.radio.scanner
Date: 1994-04-26 22:07:13 UTC
From: drt@world.std.com
Message-ID: <Cow044.F8K@world.std.com>
Source record: 274963

wbloss@delphi.com wrote:
: David R Tucker <drt@world.std.com> writes:
:
: >You're biggest problem here is not their frequency (800 MHz band) but the
: >emission mode, which is Amplitude Compandored SSB, 6 kHz channel spacing.
: >The FM mode just won't work, and I'll bet your scanner doesn't give you
:
: PMBI...
: SOme scanners have an AM mode setting, like my RS 2005. WOrks JUST FINE
: in receiving "acsb" which sounds ever so much like full carrier double
: side band (ie AM!). "Downlink" freqs have been published, but simply
: scanning 895-897 MHz should get a signal within 5 minutes, dozens during
: peak flying periods". ECPA cops beware tho!
:

Ah, yes! In small print, I see they're using both AM and ACSSB at the
moment. As for what you're hearing, it's probably the AM that sounds
just like AM.

-drt

|David R. Tucker KG2S 8P9CL drt@world.std.com|

3158. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-26 22:11:16 UTC
From: savage@viper.rtp.dg.com
Message-ID: <SAVAGE.94Apr26171117@viper.rtp.dg.com>
Source record: 274947

Remember too, no one appears to have been prosecuted for ever
listening to cellular, ECPA law or not. I really don't think
the Feds would care at all about someone building their own
equipment, indeed, how would anyone ever know about it
anyway?

Ahhh, I wish that was the case... Some people here in NC were recently
involved in "scanner-gate" in where they tape recorded some cellular
phone conversations with a person running for governor. The were
indicted and slapped with fines...

--Ed

--
Edward Savage savage@dg-rtp.dg.com

3159. Re: Changing frequency of Motorola Hand-Helds

Newsgroup: rec.radio.scanner
Date: 1994-04-26 23:07:12 UTC
From: johng@ecs.comm.mot.com
Message-ID: <johng-260494180712@johng.comm.mot.com>
Source record: 274948

In article <2pe53u$mea@nntp.club.cc.cmu.edu>, eln@drycas.club.cc.cmu.edu wrote:

> Does have any information on changing frequency of Motorola
> Spirit VHF Business band hand-helds.
>
> There is a four position dip switch under the battery case that
> I suspect may change frequencies.
>
> Because Motorola only charges $7.50, I can't believe they are
> doing anything but changing a switch or DIP jumper.

Why don't you just try it and see?

--
John Gilbert johng@ecs.comm.mot.com

3160. Southern California BBS Reactivated

Newsgroup: rec.radio.scanner
Date: 1994-04-27 00:15:00 UTC
From: carson@siggraph.org
Message-ID: <carson-260494161500@carson.slip.netcom.com>
Source record: 274967

The SAC BBS, which covers principally the Southern California area, is now back in service after a long absence. The new phone number is 818-358-5861. This is one of the best scanning-related BBS's in the country with very high standards of professionalism. Many of its federal and military postings have nationwide applicability.

3161. Re: Cordless phone frequencies

Newsgroup: rec.radio.scanner
Date: 1994-04-27 00:28:06 UTC
From: strech1@aol.com
Message-ID: <2pkbim$2vt@search01.news.aol.com>
Source record: 274951

In article <2pjuhk$gf0@news.tv.tek.com>, michaeha@soul.tv.tek.com (Mike Harris) writes: cordless freqs?

Here's the file I have on the cordless'.

Cordless Phone Frequency List for 46/49 Mhz Phones

Channel	Handset Transmit	Base Transmit
1	49.670 MHz	46.610 MHz
2	49.845	46.630
3	49.860	46.670
4	49.770	46.710
5	49.875	46.730
6	49.830	46.770
7	49.890	46.830
8	49.930	46.870
9	49.990	46.930
10	49.970	46.970

And from Gene Huges, author of Police Call:

Here are the PROPOSED new cordless frequencies (base unit):
1. 43.72 7. 44.12 13. 44.40
2. 43.74 8. 44.16 14. 44.46
3 43.82 9. 44.18 15. 44.48
4. 43.84 10. 44.20
5. 43.92 11. 44.32
6. 43.96 12. 44.36
The existing 10 channels would be renumbered beginning with 16.
Yes, these are currently assigned channels in the Motor Cariier Radio Service, but the FCC says they are so lightly used that there would probably be no interference to the currently licensed users.

Be aware that monitoring cordless phones may be against the law, Check your library for the laws in your state.

David
BASE Club

3162. Re: COAX CABLE RG59B/U 60 ???

Newsgroup: rec.radio.scanner
Date: 1994-04-27 00:31:20 UTC
From: Terry@kimon.demon.co.uk
Message-ID: <767406680snz@kimon.demon.co.uk>
Source record: 274969

In article <2pfedq$1oe@search01.news.aol.com> strech1@aol.com "Strech1" writes:

>
> RE Rg59 vs RG58
> RG59 is commont TV cable coax, while the impedance is off (75ohm vs 50 ohm for
> RG58) you can put it to use if you have no intentions of transmitting. I use
> the RG6 TV coax at my setup,
> The loss for RG58 at 900 mhz are too high to even consider it for runs over 6
> feet.
>
I personaly agree here, RG59 is too high an impedance for transmitting.
But 59 is better for listening, as it's got the less lose.
Here in the UK we have some coax that has similar dimensions, called
WESFLEX. It appears the military use it, and I try {we I can afford to}
use it here on my station.
They have diffent types for different frequency bands, but here the UK
price was 1.00 (plus tax at 17.5% now) a metre, about 1-2 years ago,
but it is good gear if you can afford it.
bfn
73's Terry..

--

terry (G7JYT) "If it's not broke,
Packet :- g7jyt@g7jyt.ampr.org Don't fix it "
Packet tcpip :- 44.131.255.18

3163. Re: AT&T AIR ONE SYSTEM

Newsgroup: rec.radio.scanner
Date: 1994-04-27 01:32:58 UTC
From: tharrell@nmsu.edu
Message-ID: <2pkfcaINN8h8@dns1.NMSU.Edu>
Source record: 274966
Cross-posted to: alt.radio.scanner,rec.radio.scanner

George Thurman (gst@gagme.wwa.com) wrote:

: I do not fly very often, so I could not help but notice the the
: telephones that were mounted in back of the seats on the airliner
: I was in this week as I went on vacation.

: The system was called AT&T AIR ONE. Is it possible to receive this on my
: scanner?? Probably not, but I thoght I would ask anyway.

: gst

Try between 894-896MHz, AM mode, 6kHz spacing.
--

T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

3164. FTP sites

Newsgroup: rec.radio.scanner
Date: 1994-04-27 01:48:46 UTC
From: berling@reis60.alleg.edu
Message-ID: <2pkg9u$5k4@mustang.alleg.edu>
Source record: 274952

Anyone out there have a list of FTP sites that would be of
interest? Please post or email. thanks in advance,

Gordon

---===---
Gordon Berlin berling@alleg.edu
Hershey Vol. Fire Co. Allegheny College
Hersheypark Safety and Security Meadville, PA
Hershey, PA Compuserve:

3165. Re: freedom to monitor Detroit style

Newsgroup: rec.radio.scanner
Date: 1994-04-27 01:59:44 UTC
From: as779@yfn.ysu.edu
Message-ID: <2pkgug$75@news.ysu.edu>
Source record: 274968

Regarding "Detroit style" monitoring...
dmsmith@tacom-emh1.army.mil (SMITH Dennis H) writes:
<items deleted>
> The former mayor of Detroit forced a trunked radio system
> on the police department, press reports said the police did not need or
> want it. So, why was a trunked radio system installed ? If you take
> a look at what services use the system it becomes clear.

<items deleted>

The new city administration has changed the policy imposed
by Mayor Young's regime which forbade the transmission of
locations of fire and police runs. With some exceptions,
the locations of most runs are now given.

Regarding the comments about trunked systems, much as I disliked
the former mayor, I really don't think his people were savvy
enough about communications technology to purposely move city
agencies to trunked systems for the purpose of evading monitoring
by citizens,IMHO. Would you also then say that encrypted MDT systems
also are implemented to prevent us from knowing what dispatch
was doing or the disposition of runs? I think these people have
communications needs beyond evading the folks at home with scanners.
The local news media don't monitor the public service frequencies all
that much either, judging by the quantity of reporting done on
local matters.It's now easier for them to get a CNN feed or newswire
than to hustle stories themselves,
but that's another newsgroup and another discussion...

Chuck Reti Detroit,MI
as779@yfn.ysu.edu
aa010@detroit.freenet.org

3166. Re: Illinois anti scanner legislation

Newsgroup: rec.radio.scanner
Date: 1994-04-27 02:28:59 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2dbdc1be@f747.n115.z1.fidonet.org>
Source record: 274953

st> If this is the case, then just about any Bearcat home scanner would be
st> in violation of the law, because they operate on a 12VDC adapter.
st> Eventough they plug into an AC outlet, it is operating on 12VDC.
st> Darrell Jordan--Stujorda@acs.eku.edu

If you think Bearcats are bad, why not check the back of your 2004/5/6.
WOW! Has DC capability...YOU'RE BUSTED!

Jerry

3167. Re: need freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-27 02:35:10 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2dbdc1bf@f747.n115.z1.fidonet.org>
Source record: 274954

AT> Those codes signals are used for describing the type of action
AT> provided. They also indicate what type of crime.

AT> Example: DPS code 28-9 is a disturbance call that is
AT> unfounded any code ending in 9 is unfounded.

AT> Units on DuComm often call in with a signal "9"
AT> their code for a traffic stop.

AT> I have the complete and authentic list for DPS but releasing
AT> that info over the internet is in my opinion, a bad idea. I
AT> wish to preserve their security as these haven't been
AT> published in any scanner books. The codes for DuComm are
AT> widely availible.
AT> I see you live in Naperville, I do also. I'm usually on
AT> AFAR UHF 444.300 114.8 PL. You can't miss me on the air as I
AT> use Motorola radios with MDC-1200 unit ID on key-up.

Alex...Hello, from North of the Border. (Wheaton)

The DPS codes are actually published at the back of Police Call, both
1993 and 1994 editions. The DuComm signal codes are back there as well.

The codes to close out cases for DuComm are not published. The 9000
series codes are the same as the Illinois uses. (ICUR, or something like
that.) However, Wheaton and Glen Ellyn are using 7000 series to close out
their cases. Would you happen to have these?

Jerry
Internet...jerry.smith@radiohobby.chigate.com

3168. New BC Handhelds - Any reports?

Newsgroup: rec.radio.scanner
Date: 1994-04-27 02:36:17 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2dbdc1c0@f747.n115.z1.fidonet.org>
Source record: 274955

ew> Does anyone have any reports on the performance of the new BC 120XLT
ew> and 220 XLT (replacements for the 100XLT and 200XLT)? In particular:
ew> Does the Turbo scan feature shorten battery life?
ew> Is the 180 mW audio output spec accurate, or just a lowball SWAG?
ew> Is the RF performance any better than that of the 100/200 XLT?
ew> Does the data skip function really help?
ew> Has Uniden made any real improvements over the 100/200 XLT with these
ew> new units, or are they now capable of receiving more interference
ew> faster than ever before?

Eric...It is my understanding that these new units won't come out until
May. So, no reports are available.

Jerry

3169. Re: COAX CABLE RG59B/U 60 ???

Newsgroup: rec.radio.scanner
Date: 1994-04-27 03:17:11 UTC
From: eagle2861@aol.com
Message-ID: <2pklfn$596@search01.news.aol.com>
Source record: 274956

In article <767232025snz@kimon.demon.co.uk>, Terry@kimon.demon.co.uk (Terry Brown) writes:

The impedance of RG-58 is 50 Ohms.

This is the key point.

The impedance of RG-59 is 75 Ohms.

RG-59 is used generally for cable T.V.

You may use RG-59 with a scanner that is looking for 50 Ohm impedance, but, this will cause a slight impedance mismatch causing more loss of signal between the antenna and scanner. The only way to see how it works is try it; it wont break yor scanner since your only receiving. Transmitting is another story.

Jerry

3170. Re: PSP freqs and email problems...

Newsgroup: rec.radio.scanner
Date: 1994-04-27 03:20:52 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2pklmk$hbk@cronkite.ocis.temple.edu>
Source record: 274957

Gordon Berlin (berling@reis60.alleg.edu) wrote:
: To George, Ravi, and Carter, the information is on the way --
: there more than likely will be problems in getting it. Please let me know
: what happens.

Hey no problem. thanks for your effort. I appreciate it.
--

[AUTO .Sig posting]

##
# #
Scanner BBS 610-525-4004
14.4K / 24 hours/day / no ratios / CD ROM
120 min/day / no verification
call today and do all the downloading you
want! that is what it's here for!
# #
Specializing in Scanner & Ham radio files
and catering to Cellular phone interests
and Text files galore.
# #
##

3171. Re: microphone frequencies in police vehicles

Newsgroup: rec.radio.scanner
Date: 1994-04-27 04:48:46 UTC
From: amullick@vaxc.stevens-tech.edu
Message-ID: <1994Apr26.234846.1@vaxc.stevens-tech.edu>
Source record: 274958

In article <2pjo4a$cka@VTC.TACOM.Army.Mil>,
dmsmith@tacom-emh1.army.mil (SMITH Dennis H) writes:
> Many of the police cars in my city now have video cameras, the officers
> wear wireless microphones, the receive antenna on the police car looks
> to be in the VHF high range, does anyone know what frequencies
> the wireless microphones transmit on ? also when more than one police
> car is at the same location how does the receiver know which microphone
> to listen to ? different frequencies or something like PL.

All of the ones I've seen advertised operate in 171 MHz area. Any
antenna you see are probably from some other radios they have as these
mics usually use small (couple inch) antennas that are built directly
into the receiver. An external antenna is available in at least one
catalog (the one I'm looking at right now), but from what I've seen
they are usually not used. Advertised original range: 150 ft.
With external antenna: 300 ft. (Now how often is the officer 300 ft.
from his/her car?)

As far as multiple cars at the same location, odds are that either
(a) the officers will turn off the extra mics or (b, and more probable)
the various inputs will just get jumbled together in the recording.
The transmitter/receiver pair has two channels, so it is possible to
switch channels, but how often do you think the officers both to
coordinate things like this, unless its a planned event (ie a raid, etc.).

FWIW, these are just short-range transmitter/receiver pairs and any of the
common/regular wireless mic freqs can be used. They are usually used in
conjunction with a videa camera, but are usually separate units.

Note that not all cars/officers are equipped with mics (for example, a
supervisor might not because he/she doesn't usually respond to a call
alone, but rather as a backup/command unit.)

Above is from reading ads in public safety catalogs and working with
the officers. I have no first hand knowledge of the exact operating
procedures involved, and various models vary. :-)

Apu, EMT-D (NJ)

Apu, EMT-D (NJ).....AMULLICK@vaxc.stevens-tech.edu
WARNING: I DISCRIMINATE
E-mail is dealt with immediately;
Snail mail, if I have nothing to do (never) or I'm bored (sometimes)

3172. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-27 06:05:55 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Apr27.060555.20581@hpcvaac.cv.hp.com>
Source record: 274972

jerry@hnrc.tufts.edu (Jerry Dallal) writes:
: In article <1994Apr22.193657.4006@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
: > So, what's your point?
:
: Only that using the net to directly further illegal activity is frowned upon.
:
: People are quite happy to discuss modifying scanners because modifying a
: scanner, in and of itself, is not illegal. However, if *making* a scanner
: that receives the forbidden frequencies were illegal, many might frown upon
: using the net to distribute the plans for such a unit.

Some might. However, so far, knowledge is not illegal. As such, even if it were illegal to modify a scanner to receive certain frequencies, I would not object to someone posting the procedure.

Bill

3173. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-27 06:08:32 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Apr27.060832.20659@hpcvaac.cv.hp.com>
Source record: 274973

jackson@longlast.cs.nyu.edu (Steven Jackson) writes:
:
: Everyone should be happy this isn't the Fido echo. You're not even allowed
: to use the word "cellular". They all call it the business band over there
: as if no one knows what they're really talking about.

Yeah, I gave up on barf-net a long time ago - due to such infantile
restrictions. I am not going to intentionally pay someone to restrict
my speech.

Bill

3174. Re: COAX CABLE RG59B/U 60 ???

Newsgroup: rec.radio.scanner
Date: 1994-04-27 06:47:06 UTC
From: strech1@aol.com
Message-ID: <2pl1pa$898@search01.news.aol.com>
Source record: 274971

In article <767406680snz@kimon.demon.co.uk>, Terry@kimon.demon.co.uk (Terry Brown) writes: cables
Hi Terry, if I needed to I could 'recycle' some old .750" trunkline for an ultimate (though 75ohm) feedline. Being in the CATV industry, I have access to oodles of roll ends, scrap/obsolete parts, etc. My No-gain Discone fed with 125' of RG6 (a slightly larger coax than RG59, still 75ohm, but lower loss) gets UHF/VHF from the San Francisco Bay area, which is 125+ miles away.
I can recall some outfit making balun/connectors to utilize 75ohm hardlines for transmitting. Saw an ad in a ham journal once.
73's
David

3175. Re: Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-04-27 07:35:51 UTC
From: tmnichol@nps.navy.mil
Message-ID: <2pl4kn$7tf@sagan.nps.navy.mil>
Source record: 274970
Cross-posted to: rec.radio.scanner,alt.law-enforcement

Here is my two cents if anybody cares. Why should police encrypt their transmissions? What are they trying to hide? Your two bit 7-11 street hood is not using a scanner for his $20 dollar armed robberies. Typically his scanner would cost more than what he gets in a robbery, so logic sort of says if he has a scanner he is not a criminal of the type that police are trying to use for their arguments.
Next, I bet if you look at law enforcement statistics concerning scanner assisted crimes they would be nearly ZERO. These stats problably do not even exsist they are so negligable.
Next, the majority of police transmissions are the 10-8, 10-27, 10-28, code 7, etc.... Who really feels that Suzie Rottencrotch has some sort of constitutional right to have her traffic violations private?
Next, sure a lot of so called intelligence can be gathered on a PD disposition (ie location and number of unit on duty), but this info is obtainable in other ways as well, so why the money and effort at opsec?
I think a lot of the problem is these Mickey Mouse, poe dunk, Hazard County type PD taking themselves way to serious- thinking there some branch of the Secrect Service or James Bond. Tell me why for example Penn State University needs Motorola digital encryption system? A huge school, yes (35,000+ ?), but what crimes are on campus? Maybe two murders and a dozen rapes. Granted, serious crimes, but no real need for encryption is there? Yet they have this 20k plus system?
Yes the government does a lot for us, but they do a lot to use as well. Where were the internal checks for radiation testing in the 40's and AGENT ORANGE in S.E. Asia? The Justice Dept did not break Watergate. The examples of failed internal checks are countless.

Time to write some parking tickets around campus. I'll call you encrypted to set a time for lunch.....

3176. EXPERIENCE WITH GLASS MOUNT ANT.?

Newsgroup: rec.radio.scanner
Date: 1994-04-27 09:24:34 UTC
From: jeff.wright@chrysalis.org
Message-ID: <9404270924.A9829wk@chrysalis.org>
Source record: 274980

I use a glass mount antenna in my truck with a BC 200. The reception is MUCH better than with just the rubber duckie the scanner comes with, but it is nothing like the reception I get from my diskone at home.

By the way, can someone give me the name and number for Grove Electronics?

Regards,

Jeff

3177. Re: freedom to monitor Detroit style

Newsgroup: rec.radio.scanner
Date: 1994-04-27 10:53:19 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.176.000AE3DA@ccm.hf.intel.com>
Source record: 274984

In article <2pjqv4$ejm@VTC.TACOM.Army.Mil> dmsmith@tacom-emh1.army.mil (SMITH Dennis H) writes:

<story deleted>

>This is a classic example of how radio transmissions are hidden from the
>general public, and the press. First hand knowledge of what is
>happening in your community is dangerous to the politician.
>

I liked your example, but I have heard over and over, that the PRESS must be allowed to monitor the trunked system. Usually the press is responsible for purchasing the trunked radio, and the city is required by law to program it for them. I'm not saying this is foolproof, but their comms are not going to be secure.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3178. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-27 10:59:30 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.177.000AFE3B@ccm.hf.intel.com>
Source record: 274985

In article <SAVAGE.94Apr26171117@viper.rtp.dg.com> savage@viper.rtp.dg.com (Ed Savage) writes:

> Remember too, no one appears to have been prosecuted for ever
> listening to cellular, ECPA law or not. I really don't think
> the Feds would care at all about someone building their own
> equipment, indeed, how would anyone ever know about it
> anyway?

>Ahhh, I wish that was the case... Some people here in NC were recently
>involved in "scanner-gate" in where they tape recorded some cellular
>phone conversations with a person running for governor. The were
>indicted and slapped with fines...

I remember reading that none of the charges actually referred to the ECPA.
Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3179. Re: one last Yupiteru MVT7100 left (new, $7

Newsgroup: rec.radio.scanner
Date: 1994-04-27 11:09:13 UTC
From: jep@unlinfo.unl.edu
Message-ID: <2plh4p$f89@crcnis1.unl.edu>
Source record: 274976
Cross-posted to: rec.radio.swap,rec.radio.scanner,rec.radio.shortwave

: > It's your local FCC office. Go there and turn yourself in.

: Steve, I won't comment on whether what Richard did was legal or not
: because I'm not an attorney. However I have to wonder why you and
: others are bitching so strongly about this. ANYONE could have bought
: a Yupi from the stateside sellers, or from Javation, etc., for the past
: year or so. If they wanted to wait until now and wring their hands
: over not doing so, and/or sustain the added expense of pre-ban prices,
: that's their problem. Richard is doing them a service by making the
: units available. I'm willing to be that that he's perhaps cleared
: enough to pay for shipping, plus perhaps pay for one for himself.
: Such is the American Way. He's not hurting anyone by what he's
: doing. Lay off eh?

: ---
: Robert Allen, rja@sun.com

: DISCLAIMER: The views expressed in this posting are mine, and
: do not necessarily reflect the views of my employer.

I was just giving Richard a good ribbing for his price increase. He
can charge whatever he wants, and just like any other retailer is
subject to critique.

I'd be a millionaire if I could sell my Galaxy R-1530 for a million
bucks. Any takers?

Steve.
--
_/_/_/_/_/ _/ _/ _/_/_/_/ | Stephen Kemal Panarelli
_/ _/ _/ _/ _/ | University of Nebraska
_/_/_/_/_/ _/_/_/ _/_/_/_/ | Electrical Engineering
_/ _/ _/ _/ | jep@unlinfo.unl.edu
_/_/_/_/_/ _/ _/ _/ | panzar@yoda.unl.edu

3180. Re: Ham radio trivia question

Newsgroup: rec.radio.scanner
Date: 1994-04-27 11:25:48 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.178.000B6E68@ccm.hf.intel.com>
Source record: 274991

In article <Cox6s1.15u@cbnewse.cb.att.com> srbeckle@cbnewse.cb.att.com (steven.r.beckle) writes:

>I've been reading this group since I purchased my first
>scanner in December and really appreciate all the info
>I've gathered so far. Although I'm not a ham operator, I
>was wondering how many of you know where the term ham
>radio came from; I remember hearing about the origin of the
>name a couple of years ago and was surprised that few
>ham operators really knew. First correct answer gets a
>free pig from the next ham-fest.

The reason few Hams know the origin, is because no one knows for sure. Many people claim different origins of this word, but there has never been universal agreement. There are several stories that sound convincing, but we will never really know.

>Also, could someone please explain exactly what is
>meant by a trunked system? (I've already heard the elephant
>jokes on this one so don't waste your time).

A trunked system is one that uses a group of frequencies and a computer to direct each of the radios on which frequency to use. When not in use, all radios monitor the "control" frequency. If someone on "channel A" transmits, the control frequency switches all radios set to channel A, to an unused frequency. When the repeater drops, all channel A users automatically switch back to the control frequency. This way, you can have only 5 frequencies, and many "channels" or fleets as they are sometimes called.

Thats the shortest answer I can come up with.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3181. Weather Radio

Newsgroup: rec.radio.scanner
Date: 1994-04-27 13:24:35 UTC
From: jpo@iedv7.acd.com
Message-ID: <1994Apr27.132435.29587@acd4.acd.com>
Source record: 274974

Can you recommend a weather radio that receives better than retail models?
I need to receive the weather radio (162.40 MHz) inside a building.
Retail weather radios don't work. My amateur radio handheld does.
I need the alert tone function. It should cost not much more than $100.00.

Thanks,

Jim

3182. Ham radio trivia question

Newsgroup: rec.radio.scanner
Date: 1994-04-27 13:28:41 UTC
From: srbeckle@cbnewse.cb.att.com
Message-ID: <Cox6s1.15u@cbnewse.cb.att.com>
Source record: 274975

I've been reading this group since I purchased my first scanner in December and really appreciate all the info I've gathered so far. Although I'm not a ham operator, I was wondering how many of you know where the term ham radio came from; I remember hearing about the origin of the name a couple of years ago and was surprised that few ham operators really knew. First correct answer gets a free pig from the next ham-fest.

Also, could someone please explain exactly what is meant by a trunked system? (I've already heard the elephant jokes on this one so don't waste your time).

Steve Beckle
s.r.beckle@att.com

3183. Re: Cordless phone frequencies

Newsgroup: rec.radio.scanner
Date: 1994-04-27 13:51:09 UTC
From: P.J.Hinton@nd.edu
Message-ID: <2plqkd$34b@news.nd.edu>
Source record: 275018

In article <2pjuhk$gf0@news.tv.tek.com>, michaeha@soul.tv.tek.com writes:

> Is there a comprehensive list of cordless phone frequencies out there? I just
> bought a scanner and want to compile a list of frequencies.

Get one of the volumes of <<Police Call>> from Radio Shack. Towards the
back of the book, there is a list of frequencies in numerical order along
with their allocation (public safety, railroad, red cross, federal government,
etc.). The cordless frequencies are in the 46 MHz range. To my knowlege,
there are ten pairs of "channels." One frequency is assigned to the handset,
and you will hear only the voice of the person using the phone if you tune into
this one (no fun). The second frequency is the base frequency, which is used
by the base (the part that plugs into the phone line) to communicate with the
handset. It carries both sides of the conversation. The listings in
<<Police Call>> make the distinction between base and handset frequencies.

Hope that helps.

Regards,

P.J. Hinton
Graduate Student--University of Notre Dame Chemical Engineering Department

INTERNET: P.J.Hinton@nd.edu

3184. Re: Wanted: scanner frequencies for Los Angeles area

Newsgroup: rec.radio.scanner
Date: 1994-04-27 14:45:56 UTC
From: ala@austin.ibm.com
Message-ID: <CoxACK.25AL@austin.ibm.com>
Source record: 274982

In article <carson-230494121031@carson.slip.netcom.com>, carson@siggraph.org (Steve Carson) writes:
> In article <2p0dmh$ock@abyss.West.Sun.COM>, adler@atlas.West.Sun.COM (Bruce
> Adler [Contractor]) wrote:
>
> > I just got a new toy, a pro2006. Can someone email me or post
> > a frequency list for the West Los Angeles area (e.g. LAPD, LAFD, CHP).
> >
> > adler@west.sun.com
>
> Most of these can be obtained from a variety of books that you can purchase
> at radio hobby stores.
>
> On the other hand, I have an extensive collection of mostly simplex
> frequencies used in undercover and surveillance operations by federal state
> and local agencies in the LA area. I can e-mail or post these if there is
> any demand.

Post them please.

Al

3185. IMMARSAT SCANNING

Newsgroup: rec.radio.scanner
Date: 1994-04-27 15:08:07 UTC
From: rossl40555@aol.com
Message-ID: <2plv4n$dgr@search01.news.aol.com>
Source record: 274986

I WOULD APPRECIATE ANY INFO ON HOW I COULD BUILD AN ANTENNA TO RECEIVE IMMARSAT ON MY YUPITERU. I SAW THE ARTICLE IN MONITORING TIMES BUT CAN NOT AFFORD A DISH.

3186. My new Yupi 7100

Newsgroup: rec.radio.scanner
Date: 1994-04-27 15:18:45 UTC
From: horak@convex.com
Message-ID: <horak.767459925@convex.com>
Source record: 274979

I ordered my Yupi from Radio Lorenz last Friday and received it yesterday. My initial impressions are that this is an awesome unit. Compared to my DX-440 on shortwave, it seems to be comparable in sensitivity. I found that my telephone line antenna works great with the 7100, both on AM and shortwave. My initial BIG GRIPE about the unit is the built in delay of two seconds while in search or scan mode, whether you want it or not! This sucks for scanning trunked freqs. If you enable the delay function, it increases the delay from two to FOUR seconds! Do any of you know of a mod to get rid of the built in two second delay? I can't believe that the same folks who designed this wonderful receiver made such a stupid decision with this *feature*.

David

3187. TAMPA BAY AREA FREQUENCIES

Newsgroup: rec.radio.scanner
Date: 1994-04-27 15:23:03 UTC
From: rossl40555@aol.com
Message-ID: <2pm00n$dli@search01.news.aol.com>
Source record: 274987

ANY FREQS FOR THIS AREA FOR MY SCANNER WOULD BE APPRECIATED

3188. IDEA: DX PacketCluster instead of FireNet et. al.

Newsgroup: rec.radio.scanner
Date: 1994-04-27 15:33:23 UTC
From: hpeach@ca.uky.edu
Message-ID: <hpeach.99.000F8E8D@ca.uky.edu>
Source record: 274994

I have seen a number of posts recently about FireNet-type paging systems
for keeping posted about *hot* frequencies at any given time. There is also a
Monitoring Times article this month about using ham repeaters for the same
sort of thing.
Has anyone ever considered using the DX PacketCluster software to do
this? It is designed for just such activities, only normally the object of
interest is DX not hot frequencies. If having a ham license became a concern,
I am sure such a system could be operated on a business band frequency where
anyone willing to purchase a TNC could have posting access. Just an idea
for everyone to discuss!

Harold
hpeach@ca.uky.edu

3189. cordless phone

Newsgroup: rec.radio.scanner
Date: 1994-04-27 16:31:44 UTC
From: sjh@math.ufl.edu
Message-ID: <2pm41g$muh@cutter.clas.ufl.edu>
Source record: 274981

Our neighbors monitor our cordless phone conversation
and I would like to know what is a good cordless phone
which would prevent this - preferably something under
$200. Please e-mail me at sjh@math.ufl.edu

Thanks,
Steve

3190. Re: COAX CABLE RG59B/U 60 ???

Newsgroup: rec.radio.scanner
Date: 1994-04-27 16:51:06 UTC
From: randolph@est.enet.dec.com
Message-ID: <CoxDL3.J4@ryn.mro.dec.com>
Source record: 274983

In article <1994Apr24.193026.1@cad3.uccb.ns.ca>, rling@cad3.uccb.ns.ca writes...
>DOES ANYONE HAVE THE ANSWER:
>I HAVE JUST AQUIRED SOME COAXAL CABLE.
>IT'S A LITTLE LARGER THAN THE REGULAR RG58.
>THE NUNBER ON IT IS-----RG-59 B/U 60
>IS THIS RG59 CABLE BETTER THAN THE RG58 CABLE?

Depends - what are you using it for? As far as signal loss, the RG59 has less than RG58. However, it's 75 ohm cable, so if you're using it on something that expects to see 50 ohm feed (like a transmitter), it's not the best stuff to use.
-Tom R. N1OOQ randolph@est.enet.dec.com

3191. Glossary - Is there one I can get from an FTP site?

Newsgroup: rec.radio.scanner
Date: 1994-04-27 17:25:46 UTC
From: tony@iglou.com
Message-ID: <1994Apr27.172546.14500@iglou.com>
Source record: 275019

I'm looking for a glossary of amateur radio (especially short wave & scanner) terms for a friend who is new to this hobby. He'd especially like to know what terms like these mean: repeater, 22 megahertz repeater, 2-meter repeater, packet repeater, 2-meter ham ... those are just a few he told me to ask about.

Is there a telnet or ftp site where I could get information about these kinds of things?

Tony Safina -- Louisville, KY -- tony@iglou.com

3192. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-27 19:09:43 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Apr27.110943.4019@cmkrnl>
Source record: 275013

In article <1994Apr26.113916.2272@hnrc.tufts.edu>, jerry@hnrc.tufts.edu (Jerry Dallal) writes:
> In article <1994Apr22.193657.4006@cmkrnl>, jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:
>> So, what's your point?
>
> Only that using the net to directly further illegal activity is frowned upon.
>
> People are quite happy to discuss modifying scanners because modifying a
> scanner, in and of itself, is not illegal. However, if *making* a scanner
> that receives the forbidden frequencies were illegal, many might frown upon
> using the net to distribute the plans for such a unit.

I don't know who the "many" are who are doing all this frowning, but they don't control either my system or the internet providers I connect to. If you're the one doing the frowning, read up on your newsreader, paying particular attention to the "junk this thread" and "kill this thread" commands (or equivalent).

I don't know if either the ECPA or the '94 scanner ban actually makes it illegal to modify a scanner to receive the "forbidden" freqs, but certainly it is not illegal to discuss the possibilities inherent in replacing the scanner's entire uP subsystem (the topic of my article to which you responded).

Look, if you are really concerned about the result of folks "using the net to directly further illegal activity", go complain to those whose *posts* are, in and of themselves, illegal... specifically, those who insist on posting megabytes of copyrighted pictures to the alt...pictures groups.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

3193. Yupiteu 7100 - AM Broadcast reception

Newsgroup: rec.radio.scanner
Date: 1994-04-27 19:24:54 UTC
From: BGK@BUBBA1.ftw.bnr.com
Message-ID: <9404271831.AA0208@BUBBA1.ftw.bnr.com>
Source record: 274990

I have had some trouble in receiving AM broadcast channels. Channel 820 AM - a strong local radio station will come in sometimes, but more often than not seems to be dead on the MVT7100. The channel is clear through my car radio.

Are there any special keys that need to be pressed, asides from entering the channel 0000.820 and setting to AM reception? My thought was that the antenna that comes with the radio could be the problem.

Thanks for any help.

+------------------------------+--------------------------+
Brian G. Korn	(bgk@bubba1.ftw.bnr.com)
Information Systems Services	Phone: 817.878-7443
Burlington Northern Railroad	FAX: 817.333.7833
777 Main Street 6th Floor	
Fort Worth, TX 76102-5310	
+------------------------------+--------------------------+

Standard disclaimer.

3194. Re: Yupiteu 7100 - AM Broadcast reception

Newsgroup: rec.radio.scanner
Date: 1994-04-27 19:29:36 UTC
From: horak@convex.com
Message-ID: <horak.767474976@convex.com>
Source record: 274993

In <9404271831.AA0208@BUBBA1.ftw.bnr.com> BGK@BUBBA1.ftw.bnr.com writes:

>I have had some trouble in receiving AM broadcast channels. Channel 820 AM - a
>strong local radio station will come in sometimes, but more often than not
>seems to be dead on the MVT7100. The channel is clear through my car radio.

>Are there any special keys that need to be pressed, asides from entering the
>channel 0000.820 and setting to AM reception? My thought was that the antenna
>that comes with the radio could be the problem.

The antenna is the problem. Your car radio has an internal ferrite
antenna. The Yupi does not. The AM wavelengths are so long that the
short antenna that comes with the Yupi does not receive well below VHF.
There isn't much you can do besides connect an antenna designed for AM
(or medium wave) reception. There is nothing wrong with your radio! I
suppose they could have put a small ferrite bar in it but it is already
crammed for space.

David

P.S. I still think the automatic 2 second delay SUCKS!

3195. Re: Yupiteu 7100 - AM Broadcast reception

Newsgroup: rec.radio.scanner
Date: 1994-04-27 20:45:22 UTC
From: schuster@panix.com
Message-ID: <2pmit3$n0h@panix2.panix.com>
Source record: 275020

In article <horak.767474976@convex.com>, David Horak <horak@convex.com> wrote:
>In <9404271831.AA0208@BUBBA1.ftw.bnr.com> BGK@BUBBA1.ftw.bnr.com writes:
>
>>I have had some trouble in receiving AM broadcast channels. Channel 820 AM - a
>>strong local radio station will come in sometimes, but more often than not
>>seems to be dead on the MVT7100. The channel is clear through my car radio.
>
>>Are there any special keys that need to be pressed, asides from entering the
>>channel 0000.820 and setting to AM reception? My thought was that the antenna
>>that comes with the radio could be the problem.
>
>The antenna is the problem. Your car radio has an internal ferrite
>antenna. The Yupi does not. The AM wavelengths are so long that the
>short antenna that comes with the Yupi does not receive well below VHF.
>There isn't much you can do besides connect an antenna designed for AM
>(or medium wave) reception. There is nothing wrong with your radio! I
>suppose they could have put a small ferrite bar in it but it is already
>crammed for space.

Agree with most of the above, except for the second sentence. Internal
ferrite on a CAR radio? Inside a steel box? Come on....

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3196. Re: Yupiteu 7100 - AM Broadcast reception

Newsgroup: rec.radio.scanner
Date: 1994-04-27 21:47:10 UTC
From: horak@convex.com
Message-ID: <horak.767483230@convex.com>
Source record: 274998

In <2pmit3$n0h@panix2.panix.com> schuster@panix.com (Michael Schuster) writes:

>In article <horak.767474976@convex.com>, David Horak <horak@convex.com> wrote:
>>In <9404271831.AA0208@BUBBA1.ftw.bnr.com> BGK@BUBBA1.ftw.bnr.com writes:
>>
>>Your car radio has an internal ferrite
>>antenna. The Yupi does not.

>Agree with most of the above, except for the second sentence. Internal
>ferrite on a CAR radio? Inside a steel box? Come on....

Yeah, you're right. I was thinking about a typical portable radio. Sorry
for the brain dead statement. :-)

Anyway, a good antenna is the answer and I DON'T mean a telescopic whip!
I don't think they make them long enough. :-) Of course, an old car
antenna might work well!

David

3197. Road trip to Charleston SC

Newsgroup: rec.radio.scanner
Date: 1994-04-27 22:06:43 UTC
From: donald.w.sanders@sdrc.com
Message-ID: <8017@heimdall.sdrc.com>
Source record: 274995

Can someone please post some frequencies for the Charleston SC area? I will be in the area in mid May. Any help will be appreciated.

Don

3198. Pro-43 Vs. BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-04-27 22:38:18 UTC
From: michaeha@soul.tv.tek.com
Message-ID: <2pmpgq$2ln@news.tv.tek.com>
Source record: 274996

I bought a Pro-43 scanner the other day and I like it but now that I have it I wish I had one that went down to citizens band. Now I'm thinking about taking back the Pro-43 and getting the BC2500xlt. How does the BC scanner compare to the the the Pro in terms of functions, price, quality, and modifiabilty for cellular?

Mike

3199. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-27 23:12:59 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Apr27.181259.2279@hnrc.tufts.edu>
Source record: 274888
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

If posters are insistent on continuing this thread on rec.radio.*, would you at least do us the courtesy of changing the subject heading to something with "guns" in it?

Just asking.

3200. Re: digital celluar

Newsgroup: rec.radio.scanner
Date: 1994-04-27 23:20:03 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2pmrv3$h47@umcc.umcc.umich.edu>
Source record: 274999
Cross-posted to: alt.radio.scanner,rec.radio.scanner,talk.politics.firearms

Richard, RIGHT ON! A government for the people by the people, NOT! It seems as the government we elect don't listen to the people who gave them their jobs. We did not elect them to run the government as they see fit, they are supposed to represent us, not dictate to us. I guess we need to become more involved in government and start our own lobby groups and NOT RE-ELECT those who think that they know what is best for us.

Why not vote all of the liars out of office and start over? Only re-elect the politicians that have a track record of voting the way their districts tell them. That's an idea, maybe the new electee's would do as we tell them, novel idea eh?

Americans for a FREE America..
Les

3201. Re: Pro-41 and Milwaukee

Newsgroup: rec.radio.scanner
Date: 1994-04-27 23:31:10 UTC
From: schapiro@notis.com
Message-ID: <2pmm1l$65e@news.acns.nwu.edu>
Source record: 274997

In article <2p6snpINN3q4@uwm.edu>, <flint@csd4.csd.uwm.edu> writes:
> Path:
news.acns.nwu.edu!math.ohio-state.edu!uwm.edu!csd4.csd.uwm.edu!flint
> From: flint@csd4.csd.uwm.edu (Flint S Hahn)
> Newsgroups: rec.radio.scanner
> Subject: Pro-41 and Milwaukee
> Date: 21 Apr 1994 21:55:05 GMT
>
> I have just recently came into possession of the Pro-41 handheld
> scanner. I have a couple questions on it. First is it any good.
> Secondly, where might I get some info on how to use it (it did not
come
> with instructions)
> Also, anyone out there know some good freqs for the Milwaukee
area?

My first scanner was a PRO-41. I used it for a year before getting
aPRO-46. The Pro-41 was fine for my original needs: monitoring police
and fire as part of a neighbourhood watch program. It was also
programmed for NOAA weather and the local Coast Guard SAR frequency.

As a tool it worked fine. Dropped iton the road a couple of times with
no problem. It does lack almost every moderm convenience. No air band
no scanning of a range of frequencies etc.

I still have it and the manual if you have any questions ask.

Ben Schapiro

3202. Re: Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-04-27 23:43:08 UTC
From: nomad@ecst.csuchico.edu
Message-ID: <2pmtacINN7d0@charnel.ecst.csuchico.edu>
Source record: 275001
Cross-posted to: rec.radio.scanner,alt.law-enforcement

In article <2pl4kn$7tf@sagan.nps.navy.mil>,
Troy M. Nichols <tmnichol@nps.navy.mil> wrote:
>Here is my two cents if anybody cares. Why should police encrypt their
>transmissions? What are they trying to hide? Your two bit 7-11 street
>hood is not using a scanner for his $20 dollar armed robberies. Typically
>his scanner would cost more than what he gets in a robbery, so logic sort
>of says if he has a scanner he is not a criminal of the type that police
>are trying to use for their arguments.

You're right. Your two bit 7-11 robbing hairbag won't be using
a scanner. But your more professional, know-what-they're-doing bank
robbers and especially, many of the medium level and higher drug dealers
often times use them.

>Next, I bet if you look at law enforcement statistics concerning scanner
>assisted crimes they would be nearly ZERO. These stats problably do not
>even exsist they are so negligable.

In some areas, you're correct. There's a small town up here
called Paradise which is located at about 2,000 feet elevation in the
Sierra foothills just east of Chico (which is about 2 hours north of
Sacramento). They encrypt their transmissions a lot and as far as I'm
concerned, there is very little need other than suspect and victim
privacy when information is passed via radio. However, in the larger
cities (San Francisco Bay Area, Los Angeles, etc), I would understand
their use.

--
Michael Larish | California Department of Forestry Comm Reserve
nomad@ecst.csuchico.edu | Butte County Sheriff's Communications Reserve 725
Amateur Callsign: KD6CTZ | Butte County Sheriff's Search & Rescue Officer 317
Padi Rescue Diver | Butte County Drowning Accident Rescue Team (DART)

3203. Yupiteru Quick Reference Card

Newsgroup: rec.radio.scanner
Date: 1994-04-27 23:45:26 UTC
From: schuster@panix.com
Message-ID: <2pmtem$c4j@panix2.panix.com>
Source record: 275000

I'm sure there are a lot of new "April 26 mad scramble" Yupiteru owners around here who weren't taking in some of the information that has collected over the months. So I guess it's time to air out the following oldie; translated from Peter Jennings' original PostScript reference card:

```
_______________________________________
| Yupiteru MVT-7100 Quick Reference |
|-----------------------------------|
| Manual Entry (M/S/F) |
| [MODE] /\ \/ [ENT] |
| [STEP] /\ \/ [ENT] |
| nn.nn [ENT] |
|-----------------------------------|
| Manual Search |
| M/S/F [SRCH] /\ \/ to chg direction |
|-----------------------------------|
| Edit Manual Entry |
| nn.nnn [C/AC] /\ n [ENT] [ENT] |
|-----------------------------------|
| Edit Manual Entry using MHz key |
| [C/AC] [MHz] /\ [ENT] [ENT] |
|-----------------------------------|
|Memory Write | Autoincrement |
| M/S/F nnn [MW] | nn.nnn [MW] |
|-----------------------------------|
|Memory Read | Memory Erase |
| nnn [MR] | nnn [MR] [MW] |
|-----------------------------------|
| Set Band Search (scan a freq. range) |
| [MODE] /\ \/ [ENT] |
| [STEP] /\ \/ [ENT] [BW] |
| nn.nn [ENT] nn.nn [ENT] N [ENT] |
|-----------------------------------|
|Use Band Search | Stop Search |
| N [SRCH} | [SRCH] |
|-----------------------------------|
|Search Pass | Erase Search Pass |
| [PASS] | [SPR] /\ \/ [PASS] |
|-----------------------------------|
|Scan all |Channel Bank Scan |Stop Scan|
| [SCAN] | N (NNN) [SCAN] | [SCAN] |
|-----------------------------------|
|Scan Pass | Erase Scan Pass |
| [PASS] | nnn [MR] /\ \/ [PASS]|
```

```
|--------------------------------------|
| Scan by Mode (all banks) |
| [MODE] /\ \/ [ENT] [M-SCAN] |
|_____________________________________|

_____________________________________
| Yupiteru MVT-7100 Quick Reference |
|--------------------------------------|
| Scan Selected Banks by Mode |
| [MODE] /\ \/ [ENT] N (NNN) [M-SCAN] |
|--------------------------------------|
|Set Program Scan | Remove channel |
|(<10 channels/bank) | from PGM Scan |
| nnn [MR] [PGM] | nnn [MR] [PGM] |
|--------------------------------------|
|Scan Program | Scan Program by Band(s)|
| [P-SCAN] | N (NNN) [P-SCAN] |
|--------------------------------------|
|Set Priority Channel | Monitor |
| M/S/F 1000 [MW] | Priority |
|----------------------| Channel Every |
|Check Priority Channel | 5 seconds |
| 1000 [MR] | [PRI] |
|--------------------------------------|
|[ATT] 15 dB Attenuator (stored/memory) |
|[DELAY] Delay 4 secs before resuming |
|[SKIP] Resume scanning after 5 secs |
|[BEEP] Turns keyboard beep on/off |
|[M>VFO] Transfer memory data to manual |
|[FUNC] Access 2nd function for keys |
|--------------------------------------|
|[MR] [MR] Return to manual mode |
| during scan/search |
|[MR] Return to manual from memory mode |
|[SPR] Ret to manual mode from SPR mode |
|[C/AC] Return to man mode frm SPR mode |
|--------------------------------------|
|/\ DIAL clockwise |BATT SAVE |
|\/ DIAL countercw | off times |
|--------------------|1 [SAVE]= 0.3 sec |
|nn.nnn .1 - 1650 MHz|2 [SAVE]= 0.9 sec |
|N 0-9 bank/band|3 [SAVE]= 1.5 sec |
|--------------------------------------|
| Copyright 1993 Peter Jennings, VE3SUN |
| Ascii conversion by Michael Schuster |
|_____________________________________|
```


--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3204. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-28 00:06:07 UTC
From: freeman@infi.net
Message-ID: <Coy0A8.8w1@infi.net>
Source record: 275005
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

Jim Austin (austin@physics.unc.edu) wrote:

:
: Possibly the most preposterous analogy I've heard or read in at least 20
: minutes. Not to mention offensive to millions of REAL victims with
: something legitimate to cry about (if the.

: Rich white boy gun collector <> holocaust victim. Sorry...
: arguments against gun control. How come you guys never use them?

He's making a very good point about the nature of incrementalism. What did you think was going to happen? Take a look at the tobacco wars for a good comparison. I'm not a smoker and don't enjoy inhaling other peoples smoke buthe way smokers have been gelded has not been lost on anybody.

Gun owners can be defeated in detail providing they can be split into camps by making seperate deals with each camp. If you are a hunter you should be worried about the presence of animal rights activists in the opposite camp. They DO want you to give up your rifle and shotgun.

You are definitely overreacting to the Niemolloer reference. It is a perfect reminder of divide and conquer tactics. I personally intend to defy every effort to disarm me. The potential for fragmentation and violence in this country along racial, ethnic, and sectional lines is not impossible nor is civil disorder or natural disaster ever far away. A decent military firearm should be in every Americans closet just like spare batteries and bottled drinking water. Assuming the assault weapon ban doesn't pass on this go round I'll have one of those Colt Sporters if they come back down under a thsouand dollars again and it'll be a private sale as well.

--
xDon Freeman/Norfolk/Virginia/U.S.A.
-=-

3205. Re: scanner better than TV for disasters!

Newsgroup: rec.radio.scanner
Date: 1994-04-28 00:29:48 UTC
From: <>
Message-ID: <2pn01s$2iv@wizard.uark.edu>
Source record: 275004

copeland@metronet.com (Charles Copeland) writes:

>My opinion of hams has changed. I used to think it was somewhat a
>useless hobby, where all people talked about was radio equipment.

Well, there *are* days ...

>My hats off to all you hams out there.

Why don't you hop down to the local Radio Shack and pick up _Now You're
Talking_ (<$20) and study for the entry level license? The amateur
community seems to be well organized in your area so I have no doubt that
the exams are given in your area several times per year ...

73,
Peter Laws, N5UWY - V31WY

President,
Amateur Radio Club,
University of Arkansas / W5YM

Peter Laws <plaws@comp.uark.edu> |>> University of Arkansas <<
n5uwy@ka5bml.#nwar.ar.usa.noam |>> Home of the NCAA Champion Razorbacks <<

3206. Re: COAX CABLE RG59B/U 60 ???

Newsgroup: rec.radio.scanner
Date: 1994-04-28 00:55:17 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Apr28.005517.17091@hpcvaac.cv.hp.com>
Source record: 275006

eagle2861@aol.com (EAGLE2861) writes:
:
: The impedance of RG-59 is 75 Ohms.
:
: RG-59 is used generally for cable T.V.
:
: You may use RG-59 with a scanner that is looking for 50 Ohm impedance, but,
: this will cause a slight impedance mismatch causing more loss of signal between
: the antenna and scanner. The only way to see how it works is try it; it wont
: break yor scanner since your only receiving. Transmitting is another story.

Actually, the impedance mismatch from using 75 ohm coax, instead of 50 ohm,
is going to be minimal. Calculate it out - I think it comes to about 1.3:1.
Not perfect, but no problem - unless you are trying to push 1000 watts through
it.

Bill

3207. Re: Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-04-28 00:58:55 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Apr28.005855.17183@hpcvaac.cv.hp.com>
Source record: 275007
Cross-posted to: rec.radio.scanner,alt.law-enforcement

nomad@ecst.csuchico.edu (Michael Larish) writes:
:
: You're right. Your two bit 7-11 robbing hairbag won't be using
: a scanner. But your more professional, know-what-they're-doing bank
: robbers and especially, many of the medium level and higher drug dealers
: often times use them.

We are not concerned about police scrambling their communications when they are working on a bank robbery. We are just concerned about everyday scrambling - which some areas are planning on implementing.

Whether police should even be involved with busting drug dealers is another matter.

Bill

3208. Re: Yupiteu 7100 - AM Broadcast reception

Newsgroup: rec.radio.scanner
Date: 1994-04-28 01:04:01 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Apr28.010401.17277@hpcvaac.cv.hp.com>
Source record: 275008

horak@convex.com (David Horak) writes:
:
: Anyway, a good antenna is the answer and I DON'T mean a telescopic whip!
: I don't think they make them long enough. :-) Of course, an old car
: antenna might work well!

Even a two or three foot telescoping antenna would help.

Bill

3209. Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-04-28 02:39:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <767586852.AA00766@rochgte.fidonet.org>
Source record: 275003

> From: tim@umcc.umcc.umich.edu (Tim Tyler)
> Organization: UMCC, Ann Arbor, MI, USA

> where you live, but long ago, I discovered that it is much easier to
> get
> info on major traffic accidents impeding traffic via broadcast radio,

I agreed with everything you said, up to this point. :-)

I have had the opposite experience, where an accident that I avoided because I heard it on my scanner was first broadcast over a local radio station about 20 minutes later. I was almost at work by then.

==========
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

3210. Re: Dayton Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-04-28 03:52:02 UTC
From: philscott@delphi.com
Message-ID: <Z62ujpy.philscott@delphi.com>
Source record: 275011

<ppddgc@uwovax.uwo.ca> writes:

>Could someone supply me with a short list of frequencies for the DAYTON Ohio
>area?
>
>I would like to preprogram my scanner for my trip to the Hamvention. Also,
>what are the laws in Ohio regarding scanner usage.

From Monitor America ISBN # 0-939430-19-3:
Dayton Police 856-860.2125, 856-860.4625, 856-860.7125
856-860.9625
154.43 is Fire page dispatch. Sheriff is 155.61, 155.415, 155.67,
154.785, 155.565.
Hope that helps....see you at the show....
Phil in Philadelphia
pscott@wellfleet.com

3211. Re: Looking for NYC Frequency List

Newsgroup: rec.radio.scanner
Date: 1994-04-28 03:54:43 UTC
From: philscott@delphi.com
Message-ID: <Ra+tD77.philscott@delphi.com>
Source record: 275012

HamNet section on Compuserve has a number of docs that list freqs for NYC. I was there this week and found them to be quite helpful...include all 10-codes, etc. Boy do they have intermod from pagers up there!

3212. Re: Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-04-28 05:30:15 UTC
From: johnl@uclink.berkeley.edu
Message-ID: <2pnhl7$9bh@agate.berkeley.edu>
Source record: 275014
Cross-posted to: rec.radio.scanner,alt.law-enforcement

In article <2pl4kn$7tf@sagan.nps.navy.mil>,
Troy M. Nichols <tmnichol@nps.navy.mil> wrote:
>Here is my two cents if anybody cares. Why should police encrypt their
>transmissions? What are they trying to hide? Your two bit 7-11 street
>hood is not using a scanner for his $20 dollar armed robberies. Typically
>his scanner would cost more than what he gets in a robbery, so logic sort
>of says if he has a scanner he is not a criminal of the type that police
>are trying to use for their arguments.
>Next, I bet if you look at law enforcement statistics concerning scanner
>assisted crimes they would be nearly ZERO. These stats problably do not
>even exsist they are so negligable.

Let me see... A tactical unit is giving information over the radio. The
waco with hostages inside is listening to a scanner. I for one wouldn't
want this person to know what is going on... Most of the time, tactical
units don't use radios because of this problem, but this puts restraints
on their work...

--
John (johnl@uclink.berkeley.edu)

3213. Camnis HSC-050 Quick Guide

Newsgroup: rec.radio.scanner
Date: 1994-04-28 06:27:59 UTC
From: thomas@venice.sedd.trw.com
Message-ID: <1994Apr28.062759.7368@venice.sedd.trw.com>
Source record: 275015
Cross-posted to: rec.radio.scanner,alt.radio.scanner

This quick operating guide may make operating the CAMNIS HSC-050 a
little more convenient. It should apply to the Trident TR-2400, as
well (although I'm told it comes with a better manual). I _don't_
expect it to completely replace a reading of the owner's manual.
The information was extracted from the very poor, English version of
the CAMNIS HSC-050 owner's manual (except for a couple of items at
the end, under MISCELLANEOUS, for which CI$ HAMNETers get some credit.)

If you have corrections, or information to add, e-mail it to me and
I _may_ get around to correcting and reposting the original version.

Rob

CIS: 73700,3447
Internet: thomas@venice.sedd.trw.com

CONVENTIONS USED:

<KEY> : Press the key labeled "KEY"

[opt 1 | opt 2 | opt 3 | etc.] : Select any of the options

(repeatable sequence) : Sequence of operations may be
repeated as desired

OPERATION KEYSTROKE SEQUENCE NOTES

****
BASIC OPERATIONS
****

Direct Frequency Entry <MANUAL> ffff <ENT> Set Freq. ffff
<MODE>[<UP>|<DOWN>]<ENT> Set Mode
<STEP>[<UP>|<DOWN>|nnn|<DIAL>] nnn=1-999 & 12.5kHz

Store Frequency <ENT> bcc <ENT> bcc = bank # (0-9)
Recall Frequency <MANUAL><BANK>bcc & chnl # (00 - 99)
Delete Frequency <MANUAL><BANK>bcc<2ND.F><DELETE>

****
BANK & CHANNEL SCANNING
****

Bank Scanning <SCAN>
Set Banks (Bank Scan) <BANK> L <ENT> H <ENT> L=lo bnk#, H=hi bnk#
Set Channel Scan <PROG> <SCAN> bcc <ENT> bcc= Low limit
bcc <ENT> bcc= Hi limit

```
Switch to Channel Scan <PROG> <SCAN> <SCAN>
Switch to Bank Scan <SCAN>
Channel Lock-Out <L.OUT> Toggle
Bank Lock-Out (Toggle) <PROG> <BANK> <SCAN>
([<UP>|<DOWN>|<DIAL>] <L.OUT>) Repeatable
<MANUAL>

-------------------------------------------------------------------------
NOTES:
1) Hold mode not operable during bank scan opns.
2) Press bank # key during scan to scan corresponding bank,
even if that bank is locked-out.
3) Banks which are Locked-out will NOT be scanned.
4) Channels which are locked-out will NOT be scanned.

*************************************************************************
FREQUENCY SEARCH
*************************************************************************
Search <SEARCH>
Program Search Range <PROG> <SEARCH> n <ENT> n = srch range #
f-low <ENT> f-high <ENT> Low and Hi srch lmts
[<UP>|<DOWN>|<DIAL>]<ENT> Set mode
[<UP>|<DOWN>|<DIAL>]<ENT> Set step

Set Ranges to Search <BANK> L <ENT> H <ENT> L=lo bnk #,
H=hi bnk #

Lock-out Search Range --Open Squelch-- <BANK> <L.OUT>
Lock-out Frequency <L.OUT>
Unlock Freq/Srch Range <PROG> <BANK> <SEARCH>
([ <ENT> | <L.OUT>]) Step thru rng-freqs.
<MANUAL> Resume search
Note: Pressing <ENT> steps through all locked-out
freqs. in each sequential range!

-------------------------------------------------------------------------
NOTES:
1) Delay & Hold modes both operable in Search Ops.
2) Frequency limits and step size must correspond and be exact!
3) Ranges which are Locked-out will NOT be scanned.

*************************************************************************
MISCELLANEOUS
*************************************************************************

Set Delay Time <PROG> <DLY/HLD> nn <ENT> nn = 01-15 Sec.
Set Free Scan Delay <PROG><2ND.F><F.SCAN> nn <ENT> nn = 01-15 Sec.
Keyboard Beep Toggle <2ND.F> <BANK>
Wake-Up Mode==Scanning <SCAN><ENT><ENT>
Wake-Up Mode==Manual <MANUAL><ENT><ENT> ??
```

3214. Motorola Frequency Change

Newsgroup: rec.radio.scanner
Date: 1994-04-28 07:13:10 UTC
From: jkwiatkowski@attmail.com
Message-ID: <9404280713.AA14592@cs.utexas.edu>
Source record: 274878

```
------------- Begin Forwarded Message -------------
Date: Thu Apr 28 06:12:19 GMT 1994
Delivery-Date: Thu Apr 28 02:12:25 EDT 1994
From: internet!postmaster
Subject: smtp mail failed
Content-Length: 682

Your mail to cs.utexas.edu is undeliverable.
---------- diagnosis ----------
<<< 550 <radio-scanner@cs.utexas.edu>... Addressee unknown
---------- unsent mail ----------
From attmail!jkwiatkowski Thu Apr 28 05:45:14 GMT 1994 remote from internet
From: jkwiatkowski@attmail.com (John Kwiatkowski )
Date: 28 Apr 94 05:45:15 GMT
To: radio-scanner@cs.utexas.edu
Received: from jkwiatkowski by attmail; Thu Apr 28 05:45:15 GMT 1994
Subject: Motorola Frequency Change
Content-Type: text

ub-audible tone signal.
I had to get off that 154.600 because MC Donalds uses that for their drive thru which by
the way,I was told Mc Donalds everywhere use the 154.600 at all the drive-thrus.
John
```

3215. Antenna for Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-04-28 11:45:36 UTC
From: mg@fm.unomaha.edu
Message-ID: <mg.160.0005C2BD@fm.unomaha.edu>
Source record: 275016

I recently purchased a Pro-2006 scanner and have an antenna question.
I live in a third floor of an apartment building (top floor) and would like
to get an antenna that helps increase my reception. I don't like too far
from Offiut AFB (TAC's HQ) and would like to listen in but currently it
it scratchy.
Any suggestions as to what an apartment dweller could put up?

Matt

3216. Re: Weather Sat freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-28 11:50:10 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Apr28.115010.7285@rsd.dl.nec.com>
Source record: 275022

In article <Cot0pM.I01@bbc.co.uk> boyer@rd.eng.bbc.co.uk (John Boyer) writes:
>
>
>I am trying to put together a list of frequencies for the low orbit
>weather satelites. Such as NOAA Meteosat etc. If anyone has freqs please
>post them to me and I will compile a 'definitive list' and post it on the net.
>It might also be an idea to state what mode (apt or hrpt) is transmitted
>on any frequencies listed.

Save yourself some effort. These are already posted periodically on
rec.radio.amateur.space.

dave

Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

If you can't see the sky from where you work it's time to change jobs.

3217. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-28 12:08:10 UTC
From: mpetro@brtph719.bnr.ca
Message-ID: <1994Apr28.120810.19958@brtph560.bnr.ca>
Source record: 275021
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

><2pgqu4$10ln@bigblue.oit.unc.edu> austin@physics.unc.edu (Jim Austin) :
>>
>> Second point: somewhere in Louisiana. Killed a Japanese guy.
>> Got off.
>Frank Silbermann wrote:
>Even if eliminating guns would prevent some such tragic misunderstandings,
>we must balance that against the real attackers who, aside from armed
>victims, might otherwise NEVER get shot.

>> Also near here in Durham NC. Homeowner found some _kids_
>> in his garage. They ran, so he shot one of them in the back
>> and killed him. Got off. jca

>I heard that they _were_ in fact burgalars.
>Teenage burgalars, in fact, who would be _quite_ offended
>to be referred to as "boy."

The "kids" it turns out cased the house when the homeowner helped them
fix their go-kart a few weeks earlier. One of them was wanted for breaking
into cars on a car lot two weeks after his friend was killed.
The teenage burgalar that was killed had at least 15 prior arrests, some
convivtions (i'm not sure how many) ranging from breaking and entering to
armed robbery.

>Though the literal reading of the law forbade shooting
>under those circumstances, I don't consider the death
>of the burgalar to be lamentable. Do you?

The jury was hung (8-4 for aquittal) in interviews the jurors said they
weren't concerned if he was shot in the back they were only concerned where
he was shot (in the garage or when he was running accross the neighbors
yard) .
The Attorney General didn't feel he could get a conviction anywhere in this
state so he dropped the case.

Myron Petro
NRA, USPSA
DVC y'all
****
The opinions included in this post are my sole responsibility.
And are protected by the First Amendment which is guaranteed by
the Second Amendment.
****

3218. 800 band

Newsgroup: rec.radio.scanner
Date: 1994-04-28 12:30:00 UTC
From: gary.gans@pics.com
Message-ID: <2563.449.uupcb@pics.com>
Source record: 275017

can any one help me with the frequencies for the 800 cellular band?
Thanks, Gary

+---+
| Pics OnLine MultiUser System 609/753-2540 HST 609/753-2605 (V32bis) |
| Massive File Collection - Over 45,000 Files OnLine - 250 Newsgroups |
+---+

3219. PHX AZ.

Newsgroup: rec.radio.scanner
Date: 1994-04-28 13:57:07 UTC
From: davion28@aol.com
Message-ID: <2pofbj$27k@search01.news.aol.com>
Source record: 274875

I just move here from San Diego and was hear Phoenix police one night. My question is why do I only hear the dispacher and not everything duplex?

3220. BC2500 Owners...need opinions

Newsgroup: rec.radio.scanner
Date: 1994-04-28 14:21:53 UTC
From: buttari@iccgcc.cs.hh.ab.com
Message-ID: <1994Apr28.092153.1@iccgcc.cs.hh.ab.com>
Source record: 275024

BC2500 OWNERS:

I am at the point of making a decision on a scanner purchase and need your help. I have heard that there are some problems with this unit but no one has given me any specifics.

I think this unit has some good features over the Pro-43, but all I have heard is that the Pro-43 unit is superior to the 2500.

If you like your 2500, tell me why. If there are things that you don't like, let me know what they are. If there are things that don't work or frequently cause you grief, I would like to know about these too.

I am planning to make this purchase Saturday 4/30 or Sunday 5/1, so a quick response will be most appreciated.

Anxious to become a 2500 owner (I think),

Gary Buttari

3221. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-28 15:17:12 UTC
From: austin@physics.unc.edu
Message-ID: <2pok1o$f14@bigblue.oit.unc.edu>
Source record: 274897
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

>>In article 31213 Broward Horne wrote:

<<Lots of inane, blathering, contemptuous, offensive nonsense>>

You're an offensive moron, and I resent your personal attacks, though I fully support your right to make them. I don't expect you to give a shit what I think, in fact I'd rather you didn't.

Life can be pretty good, if you don't spend all your time digging bunkers. You should come out of yours and enjoy it every once in a while. I knew this guy in college who spent an entire semester inside a 10'x10' shipping crate. He cut a little door in the side. If he had to use the bathroom he'd scurry across the lawn like a little rat to the dorm, then he'd scurry back to his crate. You remind me of him.

I'm probably taking my life in my own hands in saying this. You probably run over little children for fun.

Jim Austin

By the way, who is it that wants to "brun" me, and what exactly does that mean? Is this a gay sex thing? Sorry, I'm not into that.

P.S. Sorry for breaking my promise about not posting to r.r.s again on this subject, but this hurting fellow gave me no choice. I apologize to any whom I may have offended.

P.P.S I really don't care much for this flaming business. I'd much rather have pleasant converations. But like I said, this guy gave me no choice.

JCA

3222. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-28 15:57:33 UTC
From: crisp@netcom.com
Message-ID: <crispCoz8By.8J4@netcom.com>
Source record: 274877

In article <netzel.767367749@neon.afsac.wpafb.af.mil> netzel@neon.afsac.wpafb.af.mil (Fred Netzel AFSAC/GBAS) writes:
>
>...interesting.....I would venture to say that a "scanner kit" does
>not fall in the purvue of the FCC since it is not considered a fully
>functional product for retail purposes.......hhmmmmm.....what about a
>computer card that not only is a frequency counter but also a
>tuneable receiver (aka a "scanner")....the software determines how it
>operates, scanner, searcher, freq counter, spectrum analyzer,
>etc......

One comment I'd like to make and you can take it with whatever
grains of sand you choose:

This forum is a great place for over zealous bureaucrats to get
ideas on how to "tighten up" the loopholes in the new legislation.
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3223. Re: SMR Vs Cellular

Newsgroup: rec.radio.scanner
Date: 1994-04-28 16:40:24 UTC
From: rjackman@clark.dgim.doc.ca
Message-ID: <1994Apr28.164024.2561@clark.dgim.doc.ca>
Source record: 274892
Cross-posted to: rec.radio.scanner,alt.cellular,alt.cellular-phone-tech

d92-sam@nada.kth.se (Sam Spens Clason) writes:
> What is In article <2p7a7f$482@ionews.io.org>, lawrence@ionews.io.org (Lawrence Kwan) writes:
> |> I am looking for more information on SMR (Specialized mobile radio).
> |> Recently, I have heard a lot of talks about SMR being a direct competition to
> |> cellular. My impression of SMR has always been radio used by police, taxi,
> |> ambulance...etc. Has digital technology enable SMRs to function just like
> |> a cellular?
>
> What is SMR, is it some sort of improved digital comradio/(semi)manual
> cellphonesystem?
>
>
> Sam
> --
> ____
> Sam Spens Clason, CS student, Royal Institute of Technology

"SMR", Specialized Mobile Radio, I have seen it used in a lot places, sort
of a generic term for the New mobile radio services that have been
introduced over the last 4-5 years.

RJ

3224. Re: Any opinions on Shinwa scanners?

Newsgroup: rec.radio.scanner
Date: 1994-04-28 17:15:03 UTC
From: atticussc@aol.com
Message-ID: <2poqun$4cq@search01.news.aol.com>
Source record: 274876

In article <2p6alr$s04@rand.org>, Michael G. Mattock <mattock@rand.org> writes:

>>I am considering buying a Shinwa total coverage scanner.
Has anyone on the net had good or bad experiences with Shinwa?<<

Yes, I had some problems with a lot of birdies (false signals) and eventually returned it. The features included were great ideas but the performance was lacking. Just make sure you have a 30 day MBG if you take the plunge.

-Dan

3225. Re: AT&T AIR ONE SYSTEM

Newsgroup: rec.radio.scanner
Date: 1994-04-28 17:16:07 UTC
From: rjackman@clark.dgim.doc.ca
Message-ID: <1994Apr28.171607.3423@clark.dgim.doc.ca>
Source record: 274879
Cross-posted to: alt.radio.scanner,rec.radio.scanner

tharrell@nmsu.edu (Thomas J. Harrell) writes:
> George Thurman (gst@gagme.wwa.com) wrote:
>
> : I do not fly very often, so I could not help but notice the the
> : telephones that were mounted in back of the seats on the airliner
> : I was in this week as I went on vacation.
>
> : The system was called AT&T AIR ONE. Is it possible to receive this on my
> : scanner?? Probably not, but I thoght I would ask anyway.
>
> : gst
>
> Try between 894-896MHz, AM mode, 6kHz spacing.
> --
> ---
> T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
> Finger weasel@acca.nmsu.edu for PGP public key
> ---

Has anyone tried this yet ? How much do you have tune "off-tune" to take
care of the Doppler shift on the reference carrier ?

-RJ

3226. Virtually new Icom R1 for sale.

Newsgroup: rec.radio.scanner
Date: 1994-04-28 18:33:26 UTC
From: Steve Willingham <swilling@harris.com>
Message-ID: <CozFJq.ELu@news.ess.harris.com>
Source record: 274907

I have recently passed my amateur radio Tech Licence exam and I will need to sell my R1 (which I dearly love) in order to buy a dual band tranceiver. Can't understand it, my wife just won't let me tie up more than a thousand dollars in radio equipment :-).

The R1 is virtually new. Purchased from Grove last Christmas for $459. It is still under manufacturers warrantee and includes a spare registration card to register the new owner. Internal batteries have had about 6 charge cycles on them. The unit is in perfect condition and includes the following accessories:
Standard:
Handstrap
Antenna (FA-4B)
Wall charger
Belt clip
Extras included:
BP-90 battery pack w/ 6 AA replaceable Ni-Cads (retail $19 + bat cost),
Protective Leather case fitted to R1 with BP-90 attached (retail $19).

I won't bore anyone with a listing of the R1's extensive array features, but anyone with questions is welcome to contact me. I'm sure everyone knows the R1 receives cellular with no modification needed.

TERMS:
Price for the whole package: $ 445 + shipping, COD-Cash, I will pay shipping insurance.

CONTACT:
Steve Willingham, E-Mail: swilling@harris.com or swilling@ic1d.harris.com
Voice phone: (407) 729-7204, (If I'm not in, leave message, I'll call back)

3227. Re: Dayton Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-04-28 19:04:25 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Apr28.140425.1@uoft02.utoledo.edu>
Source record: 274882

>>I would like to preprogram my scanner for my trip to the Hamvention. Also,
>>what are the laws in Ohio regarding scanner usage.

I haven't heard of *any* mobile scanning laws enacted by the state of Ohio,
that are currently in effect. There are Federal laws though, but Ohio is
relatively mobile scanner friendly!

Later...

--
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

3228. Where are the Yupis?

Newsgroup: rec.radio.scanner
Date: 1994-04-28 19:18:05 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994Apr28.141805.1@uoft02.utoledo.edu>
Source record: 274885

I was wondering about the availability of the Yupi 7100 in the USA....Is it totally sold out? I don't have the $ at the moment, but wish to get one hopefully fairly soon.

If necessary, I can drive to Ontario, Canada to get one. To Canadian users: where is the nearest Yupi dealer from the Detroit-Windsor area? I can't afford to drive a thousand miles, but (if necessary) will drive to Toronto if that's what it takes!

Thanks!

--
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

3229. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-28 19:18:39 UTC
From: steiners@indirect.com
Message-ID: <2pp26f$t41@herald.indirect.com>
Source record: 274884
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,talk.politics.guns

Jim Austin (austin@physics.unc.edu) writes:
> >In article 31213 Broward Horne wrote:
>
> > <<Lots of inane, blathering, contemptuous, offensive nonsense>>
>
> You're an offensive moron... he'd scurry across the lawn like a
> little rat to the dorm, then he'd scurry back to his crate. You
> remind me of him... You probably run over little children for fun.

pot. kettle. black.

> P.P.S I really don't care much for this flaming business. I'd much
> rather have pleasant converations. But like I said, this guy gave me no
> choice.

that guy asked you several good questions, which you CHOSE to answer
with nothing but whines about how "hurtful" he is, as well as flames of
your own. seems pretty obvious that you feel a pleasant conversation
is one where nobody bothers to call your obviously superior feelings
into question.

followups-to alt.flame,
jason

--
"...It's better to have a gun and not need it
than to need a gun and not have one."
TRUE ROMANCE
`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,`,` steiners@indirect.com `,`,`,`

3230. WANTED: Aircraft freqs (WV,VA)

Newsgroup: rec.radio.scanner
Date: 1994-04-28 20:01:22 UTC
From: dgordon@sadira.gb.nrao.edu
Message-ID: <CozJMB.FF5@news.cv.nrao.edu>
Source record: 274880

I am looking for the aircraft frequencies (108-137 MHz range),
that cover WV/VA area and or an ftp site in which I could down-
load them. You can respond to the following:

dgordon@nrao.edu

Thanks....David

3231. repairing an aor 900

Newsgroup: rec.radio.scanner
Date: 1994-04-28 20:11:45 UTC
From: elwood@mit.edu
Message-ID: <elwood.107.001432C6@mit.edu>
Source record: 274898
Cross-posted to: alt.radio.scanner,rec.radio.scanner

can anyone recommend a repair shop in the boston area or a reliable
mail based repair house
?

thanks

barrett

3232. Re: CAR ALARM freq's

Newsgroup: rec.radio.scanner
Date: 1994-04-28 20:18:48 UTC
From: jacob@mayhem.cwru.edu
Message-ID: <2pp5n8$18j@usenet.INS.CWRU.Edu>
Source record: 274887

In article <NORTON.94Apr26154006@joker.optics.rochester.edu>,
Scott Norton <norton@joker.optics.rochester.edu> wrote:
> A friend of mine just came to me and asked me about those little
>car alarm controllers. He said that a woman was also turning her car

"Distribution: rec.radio.scanner" is not a valid distribution.

I believe the car alarm remotes operate in the 300 MHz range;
many are digital to prevent the sort of interference your friend
noticed.

--
And above all, get carried away | Jacob DeGlopper, EMT-A, N3RHI
not with the glow-tape, or thy | Case Western Reserve University
stage will be like unto an airport. | jrd5@po.cwru.edu
-- Proverb XV, The Techie Gospel |

3233. Freqs for New Orleans Please!

Newsgroup: rec.radio.scanner
Date: 1994-04-28 20:32:40 UTC
From: zlew14@NAP.AMOCO.COM
Message-ID: <1994Apr28.153240.18331@amoco.com>
Source record: 274881

Can anyone out there help me out with some New Orleans Freqs. Specifically for the ERNEST N. MORIAL convention center and anything else which may be interesting in New Orleans, Fire, Police, EMS...ect.... Thanks for any help you can offer E-mail is preferred.
Larry

==========
Larry Wall Amoco Chemical Co. Email: LEWALL@AMOCO.COM
VAX System Manager Voice: 708.420.4487 CIS: 70534,2301
Technical Support Services X.400: C=US A=ATTMAIL P=AMOCO S=Wall G=Lawrence I=E
All Opinions expressed are my own!!!
"AVAST, YE SCURVY CORPORATE SWABS!! PREPARE TO BE BOARDED" --- Bloom County
==========

3234. Re: AT&T AIR ONE SYSTEM

Newsgroup: rec.radio.scanner
Date: 1994-04-28 20:43:38 UTC
From: gst@gagme.wwa.com
Message-ID: <2pp75q$ang@gagme.wwa.com>
Source record: 274886
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Apr28.171607.3423@clark.dgim.doc.ca>,
Robin Jackman <rjackman@clark.dgim.doc.ca> wrote:
>tharrell@nmsu.edu (Thomas J. Harrell) writes:
>> George Thurman (gst@gagme.wwa.com) wrote:
>>
>> : I do not fly very often, so I could not help but notice the the
>> : telephones that were mounted in back of the seats on the airliner
>> : I was in this week as I went on vacation.
>>
>> : The system was called AT&T AIR ONE. Is it possible to receive this on my
>> : scanner?? Probably not, but I thoght I would ask anyway.
>>
>> : gst
>>
>> Try between 894-896MHz, AM mode, 6kHz spacing.
>> --
>> ---
>> T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
>> Finger weasel@acca.nmsu.edu for PGP public key
>> ---
>
>Has anyone tried this yet ? How much do you have tune "off-tune" to take
>care of the Doppler shift on the reference carrier ?
>
>
> -RJ

I have been able to hear some of the traffic on the channels mentioned above.

Transmissions are in AM mode, and I am only able to hear the "in flight"
part of the conversation.

gst

--
GEORGE S. THURMAN (312) 509-6308 gst@gagme.wwa.com

3235. Re: Wanted: scanner frequencies for Los Angeles area

Newsgroup: rec.radio.scanner
Date: 1994-04-28 20:46:55 UTC
From: tcarnes@netcom.com
Message-ID: <tcarnesCozLq7.G0A@netcom.com>
Source record: 274883

Bruce Adler [Contractor] (adler@atlas.West.Sun.COM) wrote:
: I just got a new toy, a pro2006. Can someone email me or post
: a frequency list for the West Los Angeles area (e.g. LAPD, LAFD, CHP).

A great software solution to frequencies in the SO Cal area is a file
called Scanman. It can be found in many different BBS's in the L.A. area.
I gets updated about once a quarter and covers many many agencies. If
you can't find it, I might be inclined to mail it to you if I spend the
time to figure out how.

Todd..

--
****
Todd W. Carnes |
tcarnes@netcom.com | "All true wisdom is printed on
Motown Records, Hollywood CA | T-shirts"
****

3236. Re: scanner better than TV for disasters!

Newsgroup: rec.radio.scanner
Date: 1994-04-28 22:19:08 UTC
From: larry@cs.com
Message-ID: <1994Apr28.221908.1042@cs.com>
Source record: 274894

In article <Cour5A.C2M@metronet.com> copeland@metronet.com (Charles Copeland) writes:
>Tonight we had a terrible storm with large hail and multiple tornados.
>The towns of Desoto and Lancaster were heavily damaged.
>
>I tuned in the ham frequencies (144-148, 440-448) and found a repeater
>the hams were concentrating on their reports of conditions. I was
>impressed.

I was listening to 146.880, it certainly was exciting. I called a
friend in that area when the Weather Service guy on 2m said another
"circulation" was forming about 2 miles from her, and told her to take
cover (fortunately, they weren't hit).

>As the TV news talked of window damage, the hams were reporting
>vehicles flipped upside down wrapped up in power lines.

One thing bothered me a lot, though. Although Dallas/Ft. Worth now
has doppler radar which enabled them to broadcast a tornado warning
45 minutes before anything touched down, the reporting of the actual
tornado touchdown was very slow. Several hams reported that they
were being hit in Lancaster (suburb S of Dallas), giving exact
locations. The National Weather Service guy on the 2m band came
back a minute or two later to ask, "what was that location again?"
followed maybe 3-4 minutes later (!) by a report on the TV that
tornados had touched down in Lancaster. I assumed that within
seconds, a minute tops, of a report of touchdown, the TV weather
guy would break in. I know that people are supposed to take cover
when a warning is broadcast, but if it's 45 minutes in advance, I'll
bet very few people crawl into the bathroom closet and stay there
that long. People need to know when and where the tornados are
touching down, ASAP.

>My opinion of hams has changed. I used to think it was somewhat a
>useless hobby, where all people talked about was radio equipment.
>
>My hats off to all you hams out there.

Yes, the hams seemed to be a lot more efficient than the rest of the
agencies involved, despite _everyone_ patting each other on the back
the next day about how efficient they were. I mean, the ham repeater
moderator would ask the Weather Service guy "what's the current
location of the center of the mesocyclone," the WS guy would go, "OK,
I'll go check," and then report back maybe a minute later. Talk
about sneakernet... Another friend who's been scanning a lot longer
than I have says that "they've gotten better than they used to be."
Still, the delay between the ham coverage and the TV annoucements

just about made me scream with frustration...

--
Larry Spence
larry@csccat.cs.com
netcom.com!cs.com!larry

3237. What about new Pro 51 from Radio Shack?

Newsgroup: rec.radio.scanner
Date: 1994-04-28 22:25:14 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2dc05cdb@f747.n115.z1.fidonet.org>
Source record: 274913

AE> I just saw a new Pro 51 in Radio Shack today. Is it supposed to
AE> be the non-800mhz restoreable replacement for the Pro 43, or will
AE> the Pro 43 stay around in modified form? The price on the Pro 51
AE> was somewhat less than the Pro 43, but the clutzy sales guy couln't
AE> find any specs on the Pro 51 so I could not compare features.

James...
The 51 is not comparable to the 43. The 43 is a triple conversion
receiver that is resistant to images. The 51 is not. The 51, though not
restorable for cellular, can pick up cellular using the image
method...program the scanner 21.6 Mhz up.

Jerry

3238. Pro-43 Vs. BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-04-28 22:29:05 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2dc05cdc@f747.n115.z1.fidonet.org>
Source record: 274914

mi> I bought a Pro-43 scanner the other day and I like it but now that I
mi> have it I wish I had one that went down to citizens band. Now I'm
mi> thinking about taking back the Pro-43 and getting the BC2500xlt. How
mi> does the BC scanner compare to the the the Pro in terms of functions,
mi> price, quality, and modifiabilty for cellular?

Mike...Depends on where you live. If you live in a metro area, you will
not be happy with the performance. The 2500 has a tendancy to pickup
intermod, which is more severe than the 43.

Suburbs, slight problem, and rural areas, no problems.

There are alot more bells and whistles, such as 400 channel memory,
instant WX key, 100 ch/s scan rate, auto search and store, hit counter,
programmable priority (one in each bank, first 10 banks out of 20).

Jerry

3239. Re: PHX AZ.

Newsgroup: rec.radio.scanner
Date: 1994-04-28 22:36:29 UTC
From: clayj@herald.indirect.com
Message-ID: <clayj.23.0019C501@herald.indirect.com>
Source record: 274902

In article <2pofbj$27k@search01.news.aol.com> davion28@aol.com (Davion28) writes:

> I just move here from San Diego and was hear Phoenix police one night. My
>question is why do I only hear the dispacher and not everything duplex?

I too live in Phoenix and listen to Phx, Glendale, Scottsdale & Peoria Police depts. Glendale uses a trunked system and Phoenix uses just regular. If a police unit is within about 3 miles I can hear them but other than that...nothing! They have really weak transmitters in their cars. They echo most things on some 400Mhz freqs and you can hear everything on those.

--Clay Johnston
clayj@indirect.com

3240. Re: Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-04-28 23:17:05 UTC
From: glr@rci.ripco.com
Message-ID: <Cozsol.B8v@rci.ripco.com>
Source record: 274891
Cross-posted to: rec.radio.scanner,alt.law-enforcement

bill nelson (billn@hpcvaac.cv.hp.com) wrote:
: nomad@ecst.csuchico.edu (Michael Larish) writes:
: :
: : You're right. Your two bit 7-11 robbing hairbag won't be using
: : a scanner. But your more professional, know-what-they're-doing bank
: : robbers and especially, many of the medium level and higher drug dealers
: : often times use them.

: We are not concerned about police scrambling their communications when
: they are working on a bank robbery. We are just concerned about everyday
: scrambling - which some areas are planning on implementing.

: Whether police should even be involved with busting drug dealers is
: another matter.

: Bill
I recently issued a press release that the local police didn't
appreciate (only of the major local papers will be doing a story on
the topic soon). As a result, the police increased patrols in the
neighborhood from about once every two hours to twice an hour. Additionally,
they drove by the house slowly, taking a good look. Radio traffic
indicated that they were running all the license plates of cars in
the drive way (and marking them for "hold").

Later when discussing the matters with the Mayor, I told him about
the running of license plates. Twice, he asked how I knew. Twice, I
told him the police scanner. After the second time, he said "that will stop."
And, it did.

Glen L. Roberts, author, How To Spy On Anyone Without Getting Caught
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
Box 734, Antioch, Illinois 60002 Fax: (708) 838-0316
Surveillance Hotline: (708) 356-9646 Bust the Bureaucrats: (708) 356-6726

3241. Re: Where are the Yupis?

Newsgroup: rec.radio.scanner
Date: 1994-04-29 00:12:45 UTC
From: schuster@panix.com
Message-ID: <2ppjdt$qfl@panix2.panix.com>
Source record: 274896

In article <1994Apr28.141805.1@uoft02.utoledo.edu>,
<cscon0151@uoft02.utoledo.edu> wrote:
>I was wondering about the availability of the Yupi 7100 in the USA....Is it
>totally sold out? I don't have the $ at the moment, but wish to get one
>hopefully fairly soon.

ACE Communications advertised them for a while, and actually delivered two
or three ... but orders now are taken with an infinite back order status.
Don't expect to get any from them soon ... their application for FCC
approval on a modified (cell locked out) MVT-7100 was denied months ago!

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3242. Re: Yupiteu 7100 - AM Broadcast reception

Newsgroup: rec.radio.scanner
Date: 1994-04-29 01:11:46 UTC
From: rveniega@sdcc13.ucsd.edu
Message-ID: <66534@sdcc12.ucsd.edu>
Source record: 274899

In article <horak.767474976@convex.com> horak@convex.com (David Horak) writes:
!In <9404271831.AA0208@BUBBA1.ftw.bnr.com> BGK@BUBBA1.ftw.bnr.com writes:
!
!>I have had some trouble in receiving AM broadcast channels. Channel 820 AM - a
!>strong local radio station will come in sometimes, but more often than not
!>seems to be dead on the MVT7100. The channel is clear through my car radio.
!
!>Are there any special keys that need to be pressed, asides from entering the
!>channel 0000.820 and setting to AM reception? My thought was that the antenna
!>that comes with the radio could be the problem.
!
!The antenna is the problem. Your car radio has an internal ferrite
!antenna. The Yupi does not. The AM wavelengths are so long that the
!short antenna that comes with the Yupi does not receive well below VHF.
!There isn't much you can do besides connect an antenna designed for AM
!(or medium wave) reception. There is nothing wrong with your radio! I
!suppose they could have put a small ferrite bar in it but it is already
!crammed for space.
!
!David

I posted about having trouble receiving AM broadcast channels about
two months ago. In the bay area 610 KFRC is no problem to get with
any ole cheapo radio, but I couldn't pick it up with my then brand
spanking new $600 Yupiteru MVT 7100! I thought my yup was defective
or not very good in the AM range. I'm glad somene else has the same
problem. I guess we can get a new antenna for AM. I want to get AM
to get the good news channels on AM in times of emergency (in CA we
get alot of quakes).

Gary

3243. Re: What about new Pro 51 from Radio Shack?

Newsgroup: rec.radio.scanner
Date: 1994-04-29 01:17:05 UTC
From: compedge1@aol.com
Message-ID: <2ppn6h$9sa@search01.news.aol.com>
Source record: 274889

In article <22APR94.25698767.0037@ACADEMIC.NEMOSTATE.EDU>, "Scudder, James"
<AE85@ACADEMIC.NEMOSTATE.EDU> writes:

> I just saw a new Pro 51 in Radio Shack today. Is it supposed to
> be the non-800mhz restoreable replacement for the Pro 43, or will
> the Pro 43 stay around in modified form? The price on the Pro 51
> was somewhat less than the Pro 43, but the clutzy sales guy couln't
> find any specs on the Pro 51 so I could not compare features.

Take a look on page 98 of the May issue of Monitoring Times. Bob Grove does a
pretty good review of the Pro-51, though I haven't quite decided to upgrade
from my Pro-43 yet.

--- David

3244. Maui, HI Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-29 01:18:03 UTC
From: compedge1@aol.com
Message-ID: <2ppn8b$9sk@search01.news.aol.com>
Source record: 274890

I'm on my way to Maui in a few weeks and I would like to listen in to the locals. Anyone out there have a good list of freqs?

--- David

3245. Re: IDEA: DX PacketCluster instead of FireNet et. al.

Newsgroup: rec.radio.scanner
Date: 1994-04-29 01:26:08 UTC
From: rwilkins@ccnet.com
Message-ID: <2ppnng$bka@ccnet.ccnet.com>
Source record: 274900

Harold G. Peach Jr. (hpeach@ca.uky.edu) wrote:

: Has anyone ever considered using the DX PacketCluster software to do
: this? It is designed for just such activities, only normally the object of
: interest is DX not hot frequencies. If having a ham license became a concern,
: I am sure such a system could be operated on a business band frequency where
: anyone willing to purchase a TNC could have posting access. Just an idea
: for everyone to discuss!

A vary good idea. The state of California office of emergency services
transmits their emergency messages to the Broadcast media in the San
Francisco Bay area from Mt Diablo using ax25 Packet. The broadcast tv
and radio stations love it as they now have printed text to read. The
voice transmissions would be missed or squelched in the old days.

The system is made up of the same packet tnc hardware that is vary
popular in the amateur radio service. The same messages sent out over the
shared broadcasters 450. MHz repeater are also sent to a newsgroup here
on the Internet.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

3246. Re: ILLINOIS scan ban, ACT NOW

Newsgroup: rec.radio.scanner
Date: 1994-04-29 02:18:44 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2dc26b0f@f747.n115.z1.fidonet.org>
Source record: 274893

THIS IS A SCAN FORUM. THE SUBJECT...ILLINOIS POSSIBLY BANNING
SCANNERS...BILL HR 4180...COULD WE PLEASE KEEP IT TO THE SUBJECT. THE
THREAD DRIFT IS < UNBELIEVABLE >.

Thank you for your consideration and support...:)

Jerry

3247. bc100xlt/200xlt mods

Newsgroup: rec.radio.scanner
Date: 1994-04-29 02:43:24 UTC
From: jworth@news.delphi.com
Message-ID: <2pps8c$dos@news.delphi.com>
Source record: 274895

Can someone tell me where to find the mods for these 2 scanners? I
checked oak.oakland.edu and ftp.std.com and found only a couple of mods.
I am looking for the 200 channel for the 100xlt, and anything for the 200XLT.
I have the cellular mod. Thanks!

3248. Re: Glossary - Is there one I can get from an FTP site?

Newsgroup: rec.radio.scanner
Date: 1994-04-29 03:03:37 UTC
From: wy1z@bach.coe.neu.edu
Message-ID: <WY1Z.94Apr28230337@bach.coe.neu.edu>
Source record: 274921

In article <1994Apr27.172546.14500@iglou.com> tony@iglou.com (Tony Safina) writes:

Newsgroups: rec.radio.scanner
Path: chaos.dac.neu.edu!grapevine.lcs.mit.edu!uhog.mit.edu!news.kei.com!eff!news.duke.edu!news-feed-1.peachnet.edu!emory!swrinde!cs.utexas.edu!uunet!iglou!news
From: tony@iglou.com (Tony Safina)
Sender: news@iglou.com (news)
Organization: The Internet Gateway of Louisville, KY
X-Newsreader: WinVN version 0.82
Date: Wed, 27 Apr 1994 17:25:46 GMT
Lines: 11

I'm looking for a glossary of amateur radio (especially short wave
& scanner) terms for a friend who is new to this hobby. He'd especially
like to know what terms like these mean: repeater, 22 megahertz repeater,
2-meter repeater, packet repeater, 2-meter ham ... those are just a few he
told me to ask about.

Is there a telnet or ftp site where I could get information about these
kinds of things?

Tony Safina -- Louisville, KY -- tony@iglou.com

To start...

Repeater: System which takes a signal on one frequency and retransmits
it, which greater power, on a different frequency (offset frequency).
Repeaters are usually located at high altitudes to permit reception and
retransmission for a wide radius.

22 megahertz repeater: A repeater which operates within the 22 megahertz band.
This would have to be an example, since 22 Mhz (abbreviation of megahertz) is
not an allocated area of the spectrum in amateur radio. A more practical
example for amateur radio would be a 2 meter repeater, or a 440 Mhz repeater.
In any case, the repeater would be 'coordinated' (the FCC has granted the
licencee/trustee of the repeater authority) to operate on a particular
frequency in the range of the band. For 2 meters, this would mean the repeater
might operate on 145.230 Mhz (2 meters = 144-148 Mhz).

Packet repeater (aka digipeater): A repeater which retransmits digital
signals from a TNC (terminal node controller = ham radio equivalent of a
telephone modem) usually using simplex communication (signal is retransmitted
on the same frequency it is coming in on).

2 meter ham: Since the spectrum is divided up into different parts by the FCC
(in this country), everyone wants to get their hands on the parts.
Amateur radio is no exception, and therefore has many 'bands' of frequencies

(frequency groups, such as 2 meters = 144 to 148 Mhz). The 2 meter ham band therefore consists of the frequencies from 144 to 147.995 Mhz, 20 meter ham band is from 14 Mhz to 14.350 Mhz, and so on).

There is more information in the rec.radio.amateur.* newsgroup FAQs on rtfm.mit.edu, /pub/usenet-by-group/rec.radio.amateur.<fill in the blank>

I would also be glad to field any more specific questions I am able to answer.

Scott

--


```
================================================================================
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na |
|------------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - ftp.std.com pub/hamradio |
================================================================================
```

3249. Re: PHX AZ.

Newsgroup: rec.radio.scanner
Date: 1994-04-29 03:26:59 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Apr29.032659.21000@hpcvaac.cv.hp.com>
Source record: 274901

davion28@aol.com (Davion28) writes:
: I just move here from San Diego and was hear Phoenix police one night. My
: question is why do I only hear the dispacher and not everything duplex?

One possibility is that they are on a trunked system, but are also using the
base to transmit outgoing messages on an old frequency allocation.

Bill

3250. Re: Double scan rate of BC100/200/205XLT, others

Newsgroup: rec.radio.scanner
Date: 1994-04-29 04:00:11 UTC
From: krabbenh@badlands.NoDak.edu
Message-ID: <Cp05sB.2Cot@ns1.nodak.edu>
Source record: 274903
Cross-posted to: rec.radio.scanner,rec.radio.swap,rec.radio.amateur.equipment

Tom Bodoh (bodoh@dgg.cr.usgs.gov) wrote:
: Hello,

: I am selling a ceramic resonator which doubles the scan/search rate of
: the Uniden BC100/200/205XLT, PRO-35 and Regency R4020/4030 handheld scanners
: to 41 ch/sec. Simple instructions are included. I had to buy in quantity
: and am selling off the remainder. I have 11 left.

: The price is $5 each, including shipping in the US. Please email
: me for my address if interested. Thanks...

Would something like this work on a Ranger 2950 to speed up that slow scan
rate on it? It's very slow...

Chad

3251. Re: Wanted: scanner frequencies for Los Angeles area

Newsgroup: rec.radio.scanner
Date: 1994-04-29 04:21:24 UTC
From: nelsonf@netcom.com
Message-ID: <nelsonfCp06ro.GLv@netcom.com>
Source record: 274905

Todd Carnes (tcarnes@netcom.com) wrote:

> A great software solution to frequencies in the SO Cal area is a file
> called Scanman. It can be found in many different BBS's in the L.A. area.
> I gets updated about once a quarter and covers many many agencies. If
> you can't find it, I might be inclined to mail it to you if I spend the
> time to figure out how.

For a limited time I will offer some txts, including CALALL.ZIP and
SCANMAN's HANDBOOK (DOS) at my ftp dir on netcom.

anonymous ftp to: netcom.com
directory: /pub/nelsonf

They will be kept about a week. If anyone wants to upload interesting
scanning programs/info please do.

--

Nelson Fernandez nelsonf@netcom.com

3252. Re: Where are the Yupis?

Newsgroup: rec.radio.scanner
Date: 1994-04-29 04:40:21 UTC
From: as088@FreeNet.Carleton.CA
Message-ID: <Cp07n9.3qL@freenet.carleton.ca>
Source record: 274906

In a previous article, schuster@panix.com (Michael Schuster) says:

>In article <1994Apr28.141805.1@uoft02.utoledo.edu>,
> <cscon0151@uoft02.utoledo.edu> wrote:
>>I was wondering about the availability of the Yupi 7100 in the USA....Is it
>
>ACE Communications advertised them for a while, and actually delivered two
>or three ... but orders now are taken with an infinite back order status.
>Don't expect to get any from them soon ... their application for FCC
>approval on a modified (cell locked out) MVT-7100 was denied months ago!

Herein is the gist of a message I've posted before...

Subj: Yupiteru MVT7100's for sale Conf: (283) rec.radio.sca

The Yupiteru hand held scanner/receiver was well reviewed in the October
issue of Monitoring Times. Since this unit is not legal to sell in the
U.S., the author recommended purchasing it in England from Javation.
There is a closer outlet for you Yanks tho!

Canada allows the legal sale of this unit and I am familiar with one
outfit offering it at a competitive price. Radio Lorenz in Montreal
will sell it at $749.00 Canadian plus shipping costs. Don't let the
price scare you, the Canadian dollar is selling at around $1.31 U.S.
which means that the price is lower than Javation's. Here's how to
reach them, if you're interested:

Radio Lorenz
482 St. Catherine St. West
Montreal, Quebec
Canada H3B 1A7

Phone: (514) 392-9200
Fax : (514) 392-4767

If you phone, ask for Helmut or Herbert Lorenz.

And no, I have no connection with this outfit other than as as a
satisfied Shortwave/Scanner enthusiast for the last four years. And yes
they have a catalogue of other (mainly SW eqt. and publications)
products.

As for the situation in the U.S that *requires* purchase in England or
Canada... long live the True North Strong and Free!!! <grin>

The info in this post is still current altho I have no idea how U.S. customs would react to the importation now that there's a ban. Still, Montreal is not far from the border.

3253. Re: Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-04-29 06:29:49 UTC
From: nagle@netcom.com
Message-ID: <nagleCp0Cpq.Lvu@netcom.com>
Source record: 274904
Cross-posted to: rec.radio.scanner,alt.law-enforcement

nomad@ecst.csuchico.edu (Michael Larish) writes:
> In some areas, you're correct. There's a small town up here
>called Paradise which is located at about 2,000 feet elevation in the
>Sierra foothills just east of Chico (which is about 2 hours north of
>Sacramento). They encrypt their transmissions a lot and as far as I'm
>concerned, there is very little need other than suspect and victim
>privacy when information is passed via radio. However, in the larger
>cities (San Francisco Bay Area, Los Angeles, etc), I would understand
>their use.

Paradise has crypto gear? Their department must have too much money.

Actually, I suspect that the main reason most departments don't
encrypt is that 1) the equipment is expensive and 2) key management
for a big group of radio users is a pain.

Key management is a big issue. If somebody loses a handheld, do
you re-key every radio in the system? Even routine key updates are a
headache. Does everybody have the same key, or are there communities of
interest? The military has struggled with this problem for decades, and
it's messy. Public-key doesn't work for broadcast systems.

Cell phone use is picking up in law enforcement, and if there's
crypto, it will probably be on the cell phones, where communication is
point-to-point and the key management problem is straightforward.
We may also see private cell-phone type networks used in some big cities.
Anything private will go over the cell phone system.

John Nagle

3254. VA. STATE PD FREQS

Newsgroup: rec.radio.scanner
Date: 1994-04-29 11:11:24 UTC
From: jss@etbsun.larc.nasa.gov
Message-ID: <2pqq0s$pgh@reznor.larc.nasa.gov>
Source record: 274908

Hello, fellow scanner buffs;

I just reprogrammed my PRO-43 in an atempt to clean up the channel banks. The problem is that I forgot to write down my police freqs. Would some kind soul please E-mail me the freqs for the VA. state police (Hampton and Williamsburg towers) and any local (eastern VA.) police freqs.

Thanks in advance:
Jim Smith
jss@longstreet.larc.nasa.gov

3255. Re: Weather Sat freqs.

Newsgroup: rec.radio.scanner
Date: 1994-04-29 11:23:16 UTC
From: boyer@rd.eng.bbc.co.uk
Message-ID: <Cp0qAs.I9B@bbc.co.uk>
Source record: 274909

Dave Rogers (dave@rsd.dl.nec.com) wrote:
: In article <Cot0pM.I01@bbc.co.uk> boyer@rd.eng.bbc.co.uk (John Boyer) writes:
: >
: >
: >I am trying to put together a list of frequencies for the low orbit
: >weather satelites. Such as NOAA Meteosat etc. If anyone has freqs please
: >post them to me and I will compile a 'definitive list' and post it on the net.
: >It might also be an idea to state what mode (apt or hrpt) is transmitted
: >on any frequencies listed.

: Save yourself some effort. These are already posted periodically on
: rec.radio.amateur.space.

: dave
: ---
: Dave Rogers Internet: dave@rsd.dl.nec.com
: M & R Software, Inc. CIS: 76672,2455

: If you can't see the sky from where you work it's time to change jobs.

Only some of them!!!

John B

3256. Pro-43 vs. BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-04-29 12:52:14 UTC
From: men0@ns1.cc.lehigh.edu
Message-ID: <1994Apr29.125214.115492@ns1.cc.lehigh.edu>
Source record: 274826

As noted previously, I owned two BC2500XLT, the first of which was replaced by Uniden for the second. I liked the features of the unit, including the display and audio, but it was rather insensitive, especially in low band and suffered terribly from intermode. As for the Pro-43, sensitivity is better, but it's more prone to intermode than the BC2500XLT, i/m/o. Other negatives include lousy audio and a small, poorly lit display that can't be read at night. There is a modification available that improves the Pro-43's audio, but I understand it also causes more "hiss" on reception. If I wasn't so disappointed in the BC2500XLT, I'd be upset that I'd bought the Pro-43. I'd look at something other than these two radios. I've always been rather puzzled by the rave reviews the Pro-43 keeps getting in this thread; whatever you buy, make sure you have as money back guarantee and try it out as soon as you get it!

Michael
--
Michael E. Nagel
Office of Development

3257. No Tenna Experience

Newsgroup: rec.radio.scanner
Date: 1994-04-29 13:00:16 UTC
From: men0@ns1.cc.lehigh.edu
Message-ID: <1994Apr29.130016.52833@ns1.cc.lehigh.edu>
Source record: 274827

I recently bought and installed a Grove No Tenna in my new Caviler (couldn't bear to drill holes or split the AM/FM radio). Installation was easy although you will need to remove the interior windshield trim on the passenger's "A" post in order to attach the antenna to the car body. In general the antenna is impressive except in UHF, where it absolutely kills most signals. Grove technical assistance thought the the antenna might be de-sensing due to strong signal load, but I don't think this is the case. UHF is received very poorly on this antenna but booms in load and clear with a magnetic mount antenna. By the way 800 reception from near-by Bethlehem City is great! Like most things, it depends on what you're trying to do but if you have to stealth, the No Tenna may be a way to go. By the way, I tested with a Pro-43 in the following areas: Allentown, Harrisburg and Philadelphia, all in PA and also in NY,NY.

Michael
--
Michael E. Nagel
Office of Development

3258. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-04-29 14:16:17 UTC
From: parnass@ihlpf.att.com
Message-ID: <Cp0yB8.Ir8@cbnewse.cb.att.com>
Source record: 274910
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: March 16, 1994 |

Introduction to Scanning
by Bob Parnass, AJ9S

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This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, where to get it repaired if required, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves between 49.67 and 49.99 MHz by their sensitive baby monitor intercom.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. Change is in the wind -- it will soon be illegal for companies to sell scanners which cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have recently enacted laws against listening to cordless phones, but it's currently legal to listen in most states. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend AOR brand scanners.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you

get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners almost always provide more audio than portables, and portables are usually more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band unless you live in a very rural area where this band is not used. Usage of the 800 MHz band is growing by leaps and bounds.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to most scanner owners.

Currently, the more popular scanners include the Uniden/Bearcat 760XLT (a/k/a 950XLT) and Radio Shack PRO-2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT) and Radio Shack PRO-43 portables.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and

ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be somewhat more prone to lightning strikes because they are not at "DC ground."

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Service Merchandise and Circuit City sell scanners, but carry just a few models. Department stores, like Sears and Montgomery Wards, sometimes offer scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- Scanner World (Albany, NY). Telephone (518)436-9606.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- Marymack Distributing (Katy, TX) sells Radio Shack scanners at discount. Telephone (713)392-0747.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117) |

KD4MOJ maintains a scanner modification server for people | without FTP access. You can request a list of scanner | modifications by sending electronic mail with the words GET | INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove Enterprises for about $25. This single edition contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

Grove enterprises sells FCC license information on floppy disks. Disks for each state are sold separately, and the information is basically the same as the FCC "state sort," i.e., transmitter location (state/city), callsign, licensee name, and type of license.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immedi-

ate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,

Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. Rick Christian advises these strict rules for the AOSCNet Scanner Radio Echo (as of 2/1/94):

1. No discussion of cellular modifications or discussions on how to monitor cellular transmission.
2. No discussions on topics which would violate the ECPA '84, TDDRA '93, (18 USCA 2510 et seq.) or Communications Act 1934 & 1984 as amended (47 USCA 705), i.e., decoding/reception of paging, cellular, encrypted stuff, descrambling etc..
3. No Aliases.
4. No discussion of Shortwave or Amateur Radio material (except SAREX).

For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is the foremost club for scanner radio hobbyists in the northern Illinois area. CARMA was formed from the Chicago chapter of the Radio Communications Monitoring Association (RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays at area restaurants, about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about 4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members sometimes sell radio equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year subscription is available by mailing a $10 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Many CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for 1994. All meetings will be held on Saturdays at the Destiny Restaurant, 1440 Rand Road, Des Plaines, IL:

February 19
April 16
June 18
August 13
October 15
December 10

Bring a notebook and your appetite.
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

3259. Re: Where are the Yupis?

Newsgroup: rec.radio.scanner
Date: 1994-04-29 15:19:49 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <Cp1194.1pz@cbnewsc.cb.att.com>
Source record: 274915

In <2ppjdt$qfl@panix2.panix.com> schuster@panix.com (Michael Schuster):

|>I was wondering about the availability of the Yupi 7100 in the USA....

|ACE Communications advertised them for a while, and actually delivered two
|or three ... but orders now are taken with an infinite back order status.
|Don't expect to get any from them soon ... their application for FCC
|approval on a modified (cell locked out) MVT-7100 was denied months ago!

What was the FCC reasoning behind this? Presumably, ACE would have made
sure that the "modified (cell locked out) MVT-7100" met the letter of
the law concerning a scanner that was easily modifiable via adding a
diode, cutting a wire, etc. Is there some unstated FCC regulation that
ACE could not fulfill via it's implimentation of not-easily-modifiable
to cell freq scanner?

3260. What is the status of the AOR AR-1000 now?

Newsgroup: rec.radio.scanner
Date: 1994-04-29 15:30:10 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <Cp11qB.1uL@cbnewsc.cb.att.com>
Source record: 274911
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Now that April 26 has passed, what is the current status of this scanner vis-a-vis the FCC cell scanner ban?

(1) Are they still being imported?

(2) If they are still being imported, what frequency ranges are cut out? Note that ICOM will slice out 800-900Mhz on the R7100 to fulfill FCC regs. [What does it take to restore an R7100 to full coverage? If it is a single IC, will someone import these into the USA? If not, perhaps some enterprising company in the UK or AUS could sell them direct to the US via Federal Express...]

(3) If the AR-1000 is simply shipped with the EEPROM's programmed with the cell frequencies sliced out, is there any physical impediment to reprogramming the EEPROM's via moving a few wires and punching in the frequency limits on the keyboard, as reproduced in Bornstein's "Guide to the AR-1000"?

3261. Re: Wanted: scanner frequencies for Los Angeles area

Newsgroup: rec.radio.scanner
Date: 1994-04-29 16:09:47 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2prbgb$7fj@slinky.cs.nyu.edu>
Source record: 274830

```
|> A great software solution to frequencies in the SO Cal area is a file
|> called Scanman. It can be found in many different BBS's in the L.A. area.
|> I gets updated about once a quarter and covers many many agencies. If
|> you can't find it, I might be inclined to mail it to you if I spend the
|> time to figure out how.

I haven't been able to get FREQ to work on the Fido system yet,
howzabout someone FTP'ing it to one of the common sites? There's
a pretty good repository right at UCSD, too!
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com
```

3262. RG213U cable vs more common cables

Newsgroup: rec.radio.scanner
Date: 1994-04-29 16:22:11 UTC
From: dmsmith@tacom-emh1.army.mil
Message-ID: <2prc7j$bi4@VTC.TACOM.Army.Mil>
Source record: 274916

Does anyone have any experience with RG213U cable ? I am told this is a very low loss cable. If anyone has specifications on RG213U how does it compare to RG6 and RG8. Which cable would you use for the 800 - 900 Mhz frequencies ?

Thanks

3263. RCMA members!!

Newsgroup: rec.radio.scanner
Date: 1994-04-29 18:28:00 UTC
From: plaws@comp.uark.edu
Message-ID: <Pine.3.89.9404291348.A23189-0100000@comp>
Source record: 274922

Fellow RCMAers:

If you are not already listed on my "RCMAers on the 'Net" list please send your primary email address, your membership number, and the name of the column you edit (if any) to me <plaws@comp.uark.edu> for inclusion on the list.

Also, please indicate whether or not you will allow RCMA to publish the list containing your name in the _Scanner Journal_.

Please feel free to repost this message to scanner-related newsgroups/ forums/conferences on other online services (i.e. GEnie, CompuServe, etc.)

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Peter Laws <plaws@comp.uark.edu> |>> University of Arkansas << n5uwy@ka5bml.#nwar.ar.usa.noam |>> Home of the NCAA Champion Razorbacks <<

3264. Re: Weather Radio

Newsgroup: rec.radio.scanner
Date: 1994-04-29 18:39:45 UTC
From: pfeiffer@humboldt.kent.edu
Message-ID: <2prk9h$hjs@ns.mcs.kent.edu>
Source record: 274923

In article <1994Apr27.132435.29587@acd4.acd.com>, jpo@iedv7.acd.com (Jim Osburn) writes:
|> Can you recommend a weather radio that receives better than retail models?
|> I need to receive the weather radio (162.40 MHz) inside a building.
|> Retail weather radios don't work. My amateur radio handheld does.
|> I need the alert tone function. It should cost not much more than $100.00.
|>
|> Thanks,
|>
|> Jim

I have the Radio Shack weather alert and it works great. Got it
for $20.00 on sail. I get the local station from 40 miles easy.
Works well inside my apartment building. 3 channels. Alert mode.
I tested the current draw in aleart mode and I think it would
run for 2 weeks or so continuously on new batteries.

-DHP

pfeiffer@humboldt.kent.edu (Dan Pfeiffer)

3265. Fair Market $ for BC200XLT?

Newsgroup: rec.radio.scanner
Date: 1994-04-29 18:45:22 UTC
From: kavolius@murdoch.acc.virginia.edu
Message-ID: <Cp1Arn.24H@murdoch.acc.Virginia.EDU>
Source record: 274912

I am thinking of selling my 8 month old BC200XLT.
It has the cell mod and has the 2x scan-rate increase mod.

I think the unit is in great condition
I think the unit is in great condition
Can anyone tell me a fair price to ask?

Thanks in advance.
--
Vytas A. Kavolius
kavolius@hopper.itc.virginia.edu

3266. From Scanning this Group; Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-04-29 19:01:43 UTC
From: amike@maniac.med.miami.edu
Message-ID: <2prlin$1gt@naple.med.miami.edu>
Source record: 274924

Hi:

I've been quietly reading all your posts and
have decided on a Pro-43.

Any last words?

BTW.. My area is Miami, FL

Mike A.
alicea@npf.med.miami.edu

3267. Re: From Scanning this Group; Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-04-29 19:33:09 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2prndl$bvj@bigfoot.wustl.edu>
Source record: 274825

Mike Alicea (amike@maniac.med.miami.edu) wrote:
: I've been quietly reading all your posts and
: have decided on a Pro-43.

: Any last words?

Happy scanning???? have fun!!!
it's a good scanner!
--jesse

3268. ASTRO/SECURENET

Newsgroup: rec.radio.scanner
Date: 1994-04-29 20:32:56 UTC
From: tmnichol@nps.navy.mil
Message-ID: <2prqto$h3m@sagan.nps.navy.mil>
Source record: 274828

I just got some info from Mototola and have some questions. ASTRO is a line / model of radio that comes in both mobile and handheld versions correct? One of the featuress of the ASTRO radios is the ability to encrypt correct? SECURENET is a different type of encryption and is an optional feature for the ASTRO correct? So is it correct to say that Motorola has two encryption methods, one built into the ASTRO and one that can be bought as an option (SECURNET)?

If these are two different encryption methods (ASTRO/SECURENET) which is tougher to break? Or are they the same? Motorola's add claims that there are so many possible codes that if you tried 1 million a second, it would take 75 million years to get thru them all. Does this number seem right? If so, how was it calculated? The add for the ASTRO says the radios have an encryption algorithm capacity of 2 algorithms per radio and 16 encryption keys per radio. What is this telling me?

3269. Re: bc100xlt/200xlt mods

Newsgroup: rec.radio.scanner
Date: 1994-04-29 20:44:30 UTC
From: ala@austin.ibm.com
Message-ID: <Cp1GA6.1vxG@austin.ibm.com>
Source record: 274832

I'm interested in those mods for the bc100/xlt. If anyone has them please post them.

Thanks-
Al

3270. PRO-44 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-04-29 22:34:08 UTC
From: kumbach@tibalt.supernet.ab.ca
Message-ID: <2ps210$qtt@tibalt.supernet.ab.ca>
Source record: 274835

If anyone has any mods for the Radio Shack PRO-44 scanner, could you please post them or email mail them to me. I've checked the ftp sites listed in the FAQ and couldn't find anything.

Thanks,
Kevin

3271. Re: Antenna for Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-04-29 23:36:15 UTC
From: adam@rangr.stat.com
Message-ID: <5aFkLc1w165w@rangr.stat.com>
Source record: 274917

mg@fm.unomaha.edu (Matt Galardi) writes:

> I recently purchased a Pro-2006 scanner and have an antenna question.
> I live in a third floor of an apartment building (top floor) and would like
> to get an antenna that helps increase my reception. I don't like too far
> from Offiut AFB (TAC's HQ) and would like to listen in but currently it
> it scratchy.
> Any suggestions as to what an apartment dweller could put up?
>
> Matt

Hello Matt,I also live in an apartment,but Im on the fourth of four floors. Its nice to be up here.If you have a balcony with a solid wall its a lot easier to hide antennas,but if there is a see-thru railing its tough.I currently have a Antenna Specialist's MON-58 antenna on a 5 foot mast hang -ing over the wall.Its not perfect but it works ok.I get away with this because when the management complained,I asked if they were going to do the same with all the other tenents?This stopped them cold!Many of the folks who live here have an assortment of balcony-mounted items such as planters,etc.Keep this in mind.If its mil-air you want to listen to the best antenna will be the discone,due to its wide bandspread.Some of the discones are bigger than others but radio shack sells one that would work for you.The only drawback to the RS discone is its not much use below 100 MHZ. because it has no low band element on top.If you decide to use a discone,and wonder how to mount it,there area couple of ways.One would be to cut a mast tall enough to mount the antenna on,and then use a medium sized tree planter filled with rocks or dirt as a base.Another way would be to get a beach umbrella stand,maybe even a christmas tree stand would work, Im going to have to try that myself!Well good luck and good listening!

---
internet: adam@rangr.stat.com

3272. Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-04-29 23:40:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <767720506.AA00942@rochgte.fidonet.org>
Source record: 274918

> From: savage@viper.rtp.dg.com (Ed Savage)
> Organization: Unix Software Development, Data General Corp., RTP, NC

> Remember too, no one appears to have been prosecuted for ever
> listening to cellular, ECPA law or not. I really don't think
> the Feds would care at all about someone building their own
> equipment, indeed, how would anyone ever know about it
> anyway?

> Ahhh, I wish that was the case... Some people here in NC were
> recently
> involved in "scanner-gate" in where they tape recorded some cellular
> phone conversations with a person running for governor. The were
> indicted and slapped with fines...

Don't you see the difference? They didn't just privately listen in their own homes for their own entertainment. They collected and distributed evidence of their own ECPA violations.

Email replies to: david.stark@rochgte.fidonet.org

3273. Crypto: For Cops AND Criminals?

Newsgroup: rec.radio.scanner
Date: 1994-04-29 23:42:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <767720506.AA00943@rochgte.fidonet.org>
Source record: 274919

> From: brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ)
> Organization: Intel Corp.

> little self serving to think that us scannists play any real role in
> regulating police activities. To think that we, somehow, prevent

> Perfoming
> illegal acts does not necessarly require any radio communications.

Excellent point. Wish I'd thought of it.

Email replies to: david.stark@rochgte.fidonet.org

3274. Re: From Scanning this Group; Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-04-30 00:08:14 UTC
From: aplew@pipeline.com
Message-ID: <2ps7he$roa@pipeline.com>
Source record: 274833

amike@maniac.med.miami.edu (Mike Alicea) wrote:

>
>Hi:
>
>I've been quietly reading all your posts and have
>decided on a Pro-43.
>
>Any last words?
>
>BTW.. My area is Miami, FL
>
>Mike A.
>alicea@npf.med.miami.edu

I just purchased one. I think it's great (though I have nothing against which to compare it. BUT, the audio is not great, I wish it would automatically store frequencies and then continue looking when searching for new frequencies and it has a weak belt clip. I'd still buy it.

-Tony
aplew@pipeline.com

3275. Re: Maui, HI Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-04-30 00:11:34 UTC
From: cntrspy@netcom.com
Message-ID: <cntrspyCp1pvA.LDC@netcom.com>
Source record: 274920

CompEdge1 (compedge1@aol.com) wrote:
: I'm on my way to Maui in a few weeks and I would like to listen in to the
: locals. Anyone out there have a good list of freqs?

=== I have a frequency list for tthe entire island, unfortunately it
is all on hard copy. I'll see if I can locate it and post a few
of the main ones.

--

--

//
Chris Hall
Operations Director
Executive Protection Associates, Inc.

Executive Protection, Privacy Protection Strategies for Fortune 500
Executives and Other Interested parties. Off-shore investment and
Second Passport agents.

//

"I' not a lawyer, I just play one on T.V."

Opinions Expressed are those of the author and NOT those of EPAI.

PGP Key available... If you ask nicely...

3276. What's restorable?

Newsgroup: rec.radio.scanner
Date: 1994-04-30 00:16:36 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Apr29.191636.2285@hnrc.tufts.edu>
Source record: 274829

Now that April 26 has come and gone and many of the 800MHz capabable units will be picked up on the used market, it would be useful if some one with quick access to the information would post a table listing all of the major brands and models and whether they were 800MHz restorable *with the appropriate steps*. Many would like to have such a ready reference to use at flea markets, tag sales.

3277. Pager Notification System

Newsgroup: rec.radio.scanner
Date: 1994-04-30 00:46:02 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <b3a_9404300700@rccons.lm.com>
Source record: 274834

* Crossposted in AOSC_SCAN
* Crossposted in RN.SCANNERS
* Crossposted in SCANRADIO
* Crossposted in ALT.RADIO.SCANNER
* Crossposted in REC.RADIO.SCANNER
* Crossposted in WPA_SCAN

Hello All!

If your a scanner user in ANY part of:

Western PA (Erie, Butler, Washington, Waynesburg, Altoona, Johnstown, Pittsburgh)

WV Panhandle (Weirton, Wheeling)

Northern OH (Columbus, Cleveland, Youngstown/Akron/Canton, Toledo, Mansfield).

AND

Your interested in participating in a Scanner User Notification system please contact me via netmail/email to get more info.

I am presently forming a group for a system in these areas. We NEED MEMBERS & DISPATCHERS. This system will employ Motorola Advisor Alphanumeric pagers.

If your not familar with a scanner notification group refer to the 4/94 issue of Popular Communications for more info.

PLEASE reply via email/netmail ONLY!

Information on pricing etc. may be obtained by sending a message to:

rccons!pagenet@telerama.pgh.pa.us

This will return an ASCII message with info & updated info as received.

Rick Christian, AAJP/BSEE
Internet: rccons!rec@telerama.pgh.pa.us

3278. Re: Where are the Yupis?

Newsgroup: rec.radio.scanner
Date: 1994-04-30 01:33:02 UTC
From: schuster@panix.com
Message-ID: <2pscge$5ee@panix2.panix.com>
Source record: 274831

In article <Cp1194.1pz@cbnewsc.cb.att.com>,
AOR AR-1000 <rats@cbnewsc.cb.att.com> wrote:
>
>|ACE Communications advertised them for a while, and actually delivered two
>|or three ... but orders now are taken with an infinite back order status.
>|Don't expect to get any from them soon ... their application for FCC
>|approval on a modified (cell locked out) MVT-7100 was denied months ago!
>
>What was the FCC reasoning behind this? Presumably, ACE would have made
>sure that the "modified (cell locked out) MVT-7100" met the letter of
>the law concerning a scanner that was easily modifiable via adding a
>diode, cutting a wire, etc. Is there some unstated FCC regulation that
>ACE could not fulfill via it's implimentation of not-easily-modifiable
>to cell freq scanner?

Actually, the main reason for denying certification was that the radio
generated too much stray RF.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3279. Maui county/state freq's

Newsgroup: rec.radio.scanner
Date: 1994-04-30 04:31:12 UTC
From: msaran@pt.olympus.net
Message-ID: <2psmug$f4r@olympus.net>
Source record: 274838

Hope this will help. If you have any specifics (hotels, etc.) let me know.

The freq's I pulled are from US Scanner Pubs. Frequency AlmanacC. I also
just got their California edition - it's over 800 pages. Most
comprehensive I've seen.
I striped three fields to keep size down.

Have fun!

154.08500 "HAWAII," STATE
154.31000 "HAWAII," COUNTY
154.38500 "HAWAII," COUNTY
154.41500 "MAUI," COUNTY
154.44500 "HAWAII," COUNTY
154.51500 MAUI FIRE CONTROL
154.54000 MAUI FIRE CONTROL
154.54000 RAILROADS OF HAWAII
154.65000 "MAUI," COUNTY
154.72500 "MAUI," COUNTY
154.77000 "MAUI," COUNTY
154.80000 "MAUI," COUNTY
154.87500 "MAUI," COUNTY
154.96500 "MAUI," COUNTY
154.96500 "MAUI," COUNTY
154.96500 "HAWAII," STATE
154.96500 "MAUI," COUNTY
154.96500 "MAUI," COUNTY
154.99500 "HAWAII," STATE
155.02500 "HAWAII," STATE
155.04000 "HAWAII," STATE
155.05500 "HAWAII," STATE
155.08500 "HAWAII," STATE
155.31000 "HAWAII," COUNTY
155.40000 MAUI MEMORIAL HOSPITAL
155.55000 "MAUI," COUNTY
155.58000 "MAUI," COUNTY
155.62500 "MAUI," COUNTY
155.67000 "MAUI," COUNTY
155.71500 "HAWAII," STATE
155.73000 "MAUI," COUNTY
155.76000 "HAWAII," STATE
155.80500 "MAUI," COUNTY
155.82000 "MAUI," COUNTY
155.95500 "MAUI," COUNTY
453.25000 "HAWAII," STATE

453.32500 "HAWAII," STATE
453.40000 "HAWAII," STATE
453.75000 "HAWAII," STATE
453.90000 "HAWAII," STATE

--
Mark Saran
msaran@pt.olympus.net

3280. PRO-2021 mods

Newsgroup: rec.radio.scanner
Date: 1994-04-30 05:46:16 UTC
From: etotman@gort.ucsd.edu
Message-ID: <2psrb8$mvn@network.ucsd.edu>
Source record: 274839

Would some kind person point me to a mod list for the 2021? I would
really appreciate it!

Thanks,

Ed Totman
etotman@gort.ucsd.edu

3281. Re: Motorola Frequency Change

Newsgroup: rec.radio.scanner
Date: 1994-04-30 06:33:50 UTC
From: csdfg@selway.umt.edu
Message-ID: <1994Apr30.063350.25689@selway.umt.edu>
Source record: 274844

The McDonald's near me uses 154.570 mHz.

dg

3282. Re: Pro-43 vs. BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-04-30 12:02:28 UTC
From: schuster@panix.com
Message-ID: <2pthck$rdb@panix2.panix.com>
Source record: 274836

In article <1994Apr29.125214.115492@ns1.cc.lehigh.edu>,
MICHAEL E. NAGEL <men0@ns1.cc.lehigh.edu> wrote:
>
>
>As noted previously, I owned two BC2500XLT, the first of which was replaced by
>Uniden for the second. I liked the features of the unit, including the
>display and audio, but it was rather insensitive, especially in low band and
>suffered terribly from intermode. As for the Pro-43, sensitivity is better,
>but it's more prone to intermode than the BC2500XLT, i/m/o. Other negatives
>include lousy audio and a small, poorly lit display that can't be read at
>night. There is a modification available that improves the Pro-43's audio, but
>I understand it also causes more "hiss" on reception. If I wasn't so
>disappointed in the BC2500XLT, I'd be upset that I'd bought the Pro-43. I'd
>look at something other than these two radios. I've always been rather puzzled
>by the rave reviews the Pro-43 keeps getting in this thread; whatever you buy,
>make sure you have as money back guarantee and try it out as soon as you get it!

Surely, then, you missed my "non-rave review" from long ago:

==========

As a long-time AR-1000 owner who has looked over the fence at the
PRO-43, I must temper the unregulated enthusiasm over the PRO-43
with some personal observations. (Yes, I, too succumbed to the ethic
that you can't have too many scanners).

First, the PRO-43 scans faster and obviously has more useable
sensitivity than the AR-1000. It also has smaller memory banks which
are easier to manage. However, it could use 40 more such banks.
Fine. Now for the negatives.

If this is a triple-conversion scanner, why are 160-161 MHz filled
with interference from pagers and television audio? I thought this
was the scanner which was billed as being free from images.

After using the AR-1000 it's almost impossible to live with only one
set of search limits. Furthermore, the PRO-43 doesn't have a "search
and STOP" function which will stay on a frequency of interest. Of
course you can always turn off the squelch to make it stop searching,
or hit the MONITOR button to store it ... but at the rate this radio
searches, what if your fingers aren't fast enough? Searching through
frequency ranges having birdies is particularly difficult, compared to
the AOR or ICOM scanners, because there is no way to lock out
individual frequencies during a limit search.

For a modern microprocessor-controlled scanner, the data manipulation facilities are terribly weak. For instance, there is no way to simply punch in and listen to a frequency without entering it into a memory channel. To add insult to injury, you can't manually write into the scratchpad "monitor" channels unless you're in the middle of an automated search. Nor is there a way to clear out the monitor channels without resetting the scanner.

I =really= miss the VFO knob on the AR-1000; in fact I constantly reach for it (non-existent) on the PRO-43 out of habit. And there's no functional equivalent, either. In search mode, even with the squelch open you cannot use the up-down buttons to reliably step through the search range. Why? "Zero-Matic" keeps intruding, trying to track the center of a signal many kilohertz away.

The squelch makes an annoying thump when it opens, and an even bigger thump when it closes. Unlike other users, though, I don't find the so-called "bassiness" of the audio to be a problem.

The LCD display is pitifully small. Even the ultraminiature ICOM R-1 has bigger numerals! The dial light should be CPU-driven like the R-1. Press the button, it should stay lit for 5 seconds. Press the button again within those 5 seconds, it should go off. Press any OTHER buttons during those 5 seconds, it should continue to stay lit for 5 seconds after you stop pressing other buttons. Does it? No.

The belt clip feels so flimsy I'm afraid to use it for fear it will break off. And why, on their best handheld, do they still use the cheapest type of center terminal for the BNC connector? The buttons are too tiny, too, and their travel when depressed is too short to provide positive feedback (I guess that's what the blasted beep is for, eh?) I also expect the white numerals to fall off the buttons, aided by friction from the walls of The Pouch that I store it in. Thankfully, however, that hasn't happened.

Now don't get me wrong ... I'm basically happy with this scanner and don't intend to return it (especially after microsurgery!) but I really felt it necessary to balance the scales here.

==========

Now, do you feel better? :-(

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3283. Spectrum Show 30 Apr 94

Newsgroup: rec.radio.scanner
Date: 1994-04-30 13:34:51 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <h1bmjGG8y9O1057yn@dorsai.dorsai.org>
Source record: 274837
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.scanner,alt.radio.pirate

This is to let everyone know that my news segment on the Spectrum program that was heard via WWCR/5810Khz, on 4/30/94, (US Time), was originally prepared for the previous weeks program. It, and all the other segments, were delayed one week by an arbitrary management decision to present a "listener appreciation" program last week.

This means the news item, (IL scanner bill), is definately out of date. We were not able to update the report since Dave was in Dayton.

The prerecorded segment also states that we will be taking more entries to rename the segment. Sorry, but due to commitments next week, I will not be able to extend it, it ended on its original schedule, today. The winner is Dave Chapchuk who snail mailed in the suggestion SPECTRUM ANALYSIS.

- - -

Here is a hardcopy of this weeks Spectrum Analysis.

Well it seems appropriate that for our first commentary we will be discussing Bootleg radio. Now we've been calling it Pirate radio for the longest time, but when you get down to it, it has had numerous names over the course of time. The latest attempt to rename illegal broadcasting is Micro Radio.

As the name implys, Micro Radio means low power operations, usually 10 watts and under. Unlike Pirate Radio as we know it, Micro Radio is being touted more as a political entity, not the "for fun" and ego-tripping form that Pirate Radio is. The chief advocate of Micro Radio is Stephen Dunifer, a former guest on this program. Dunifer is a product of 1970's Berkley, California, where he still lives and is considered to be a former political radical.

A few weeks ago Dunifer published what I consider to be his manefesto on the Internet called, Take Back The Airwaves. While I didn't agree with some of what he said, it did inspire about 50 comments by other users that discussed many of his ideas. The ideas covered everything from how licensed broadcast stations are playing to the largest audience to get the most money and have no intention of serving the minority interest of the community to how Micro Radio would be a true democratic representaion of the populace.

One of the repliers was Bob Smith, the host of a radio talk show on a Rochester, NY, AM station who was interested in finding out more about the various aspects of Micro Radio. Instead of being welcomed as a possable supporter of the idea, within the media, he was blasted by one individual who claimed that Bob was part of the problem. The poster went on to

further say that Bob was reaching his audience, but the poster wasn't because he did not have the money to buy a station. Bob was further ripped for having an audience which meant the owners could sell the advertising time, which meant that Bob could continue to reach his audience and the advertisers would buy more time. The poster went on to say that Bob was monopolizing the airwaves and had the nerve to solicit suggestions on how to make his air time more useful.

Sound familiar? No? Well does the old, "you are a tool of the establishment" argument from the 1960's ring a bell? How about the, "It's people like you who are continuing the war," statement? Good Lord, I though we were finished with this self righteous, radical, flower-power trip a generation ago, but I see the attitude has manefested itself in another way. Comm'on folks this is the 90's, not the 70's, the revival of Hair is on the stage, it shouldn't be in the streets too.

Now as one who is a former staffer of politically orented broadcaster, Radio New York International, I should talk, right? Yes, I was there during the Liberal period of Randi Steele and the "Dump Bush" time of Pirate Joe, but this attitude is childish. It is an attitude that is a detrement to Micro Radio. Hasn't anyone learned the lesson of RNI?

You can't lobby politicians by saying I want the 10 watt Class D station license reinstated so I can hear Joe Shlamengie talk, if Joe Shlamengie is on the FBI's list of subversives. In the words of the hippie generation's troubador, John Lennon, "But if you're going to carry picture of Chairman Mao, you ain't gonna make it with anyone, anyhow". It's time to really put the idea of community radio back in the hands of responsable parties. Even the most liberal of congressperson is not going to open a pandora's box of supporting licenses on the idea of it being a 1st Ammendment right of the individual.

If you want to start a movement for the issuance of these low power licenses, a community radio broadcasting band, or any other type of local communication facility, then it's time to put your support behind responable community agencies. Outreach programs, neighborhood youth and senior centers, churches and temples, support groups, chambers of commerce, and even the local High School; they are all the kinds of public institutions that would be the most politically acceptable to operate these Micro stations. Joining, supporting, and convincing these institutions that Micro Radio could be a way of extending itself out to the community is the way to go in my opinion.

If you were to ask those politically radical individuals of the 1960's and 70's, you'll find that most of them, people like Abie Hoffman, Tom Hayden, and even Jessie Jackson, decided to work within the system to bring change. Being a radical, especially when trying to tackle the FCC, is not going to make it with anyone, anyhow.

--

< ^^>
< "Big Steve" Coletti >
< Shortwave Listener, Broadcaster, Computer Consultant >
< and all around nice guy >
< Internet: bigsteve@dorsai.dorsai.org ==== S.COLETTI2@genie.geis.com >
< UUCP: steve.cole@islenet.com ==== steveny@lopez.marquette.mi.us >
< Fidonet: 1:278/712 US Mail: P.O. Box 396, New York, NY 10002 >
< Voice: +1 212 995-2637 >
~~~~~~
~~~~~~

3284. Re: From Scanning this Group; Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-04-30 15:44:23 UTC
From: copeland@metronet.com
Message-ID: <Cp2x20.F1F@metronet.com>
Source record: 274842

In article <2ps7he$roa@pipeline.com>, Anthony Lew <aplew@pipeline.com> wrote:
>
>
>amike@maniac.med.miami.edu (Mike Alicea) wrote:
>>
>>Hi:
>>
>>I've been quietly reading all your posts and have
>>decided on a Pro-43.
>>
>>Any last words?
>>
>
>I just purchased one. I think it's great (though I have
>nothing against which to compare it. BUT, the audio is not
>great, I wish it would automatically store frequencies and then
>continue looking when searching for new frequencies and it has
>a weak belt clip. I'd still buy it.

I plugged up a set of those tiny sony speaker (made for walkmans)
into my PRO-43 and the sound is much clearer and louder.

3285. Re: Spectrum Show 30 Apr 94

Newsgroup: rec.radio.scanner
Date: 1994-04-30 15:45:55 UTC
From: jgrubs@voxbox.norden1.com
Message-ID: <9yqLLc2w165w@voxbox.norden1.com>
Source record: 274840
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.scanner,alt.radio.pirate

bigsteve@dorsai.dorsai.org (Steve Coletti) writes:

> This is to let everyone know that my news segment on the Spectrum program
> that was heard via WWCR/5810Khz, on 4/30/94, (US Time), was originally
> prepared for the previous weeks program. It, and all the other segments,
> were delayed one week by an arbitrary management decision to present a
> "listener appreciation" program last week.
>
> This means the news item, (IL scanner bill), is definately out of date. We
> were not able to update the report since Dave was in Dayton.
>
> The prerecorded segment also states that we will be taking more entries to
> rename the segment. Sorry, but due to commitments next week, I will not be
> able to extend it, it ended on its original schedule, today. The winner is
> Dave Chapchuk who snail mailed in the suggestion SPECTRUM ANALYSIS.
>
> - - -
>
> Here is a hardcopy of this weeks Spectrum Analysis.

Well said!! It won't be popular wuth ego trip set, but they'll
have to learn the 1st Amendment isn't just for them.

/--\
| Jim Grubs, W8GRT Voxbox Enterprises Tel.: 419/882-2697 |
| jgrubs@voxbox.norden1.com 6817 Maplewood Ave. |
| Fido: 1:234/1.0 Sylvania, Ohio 43560 |
\-+--/

3286. Re: Pro-43 vs. BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-04-30 16:15:21 UTC
From: copeland@metronet.com
Message-ID: <Cp2yHL.GEs@metronet.com>
Source record: 274843

In article <2pthck$rdb@panix2.panix.com>,
Michael Schuster <schuster@panix.com> wrote:
>In article <1994Apr29.125214.115492@ns1.cc.lehigh.edu>,
>MICHAEL E. NAGEL <men0@ns1.cc.lehigh.edu> wrote:
>
>Furthermore, the PRO-43 doesn't have a "search
>and STOP" function which will stay on a frequency of interest. Of
>course you can always turn off the squelch to make it stop searching,
>or hit the MONITOR button to store it ... but at the rate this radio
>searches, what if your fingers aren't fast enough?

The "delay" button can be selected when doing a limit scan. Gives me plenty
of time to hit the "monitor" button to stop the scan.

3287. Centracom Console For Sale

Newsgroup: rec.radio.scanner
Date: 1994-05-01 00:12:16 UTC
From: daryl@tcomeng.com
Message-ID: <2pus50$qmc@tcomeng.tcomeng.com>
Source record: 274841
Cross-posted to: misc.emerg-services,alt.law-enforcement,rec.radio.scanner

I have a self-contained tabletop Motorola Centracom I console for sale. It is equipped with 7 TR modules that can be optioned for tone or DC remote control. The unit is in excellent condition and looks like new. This is functionally equivalent to the Centracom Series I console equipment that mounts in free-standing console furniture.

I refurbished the unit about a year ago and have been using it in my office every since. It works fine. This unit would be ideal for a small police or fire department or for an EOC. Here is an opprtunity for the scanner enthusiast to have the ultimate toy at home.

Asking $3500.00. Will consider trades for interesting comm or computer stuff.

--
Daryl Jones daryl@tcomeng.com
Telecommunications Engineering Associates {decwrl}!tcomeng!daryl
South San Francisco, California Phone: (415) 871-4200

3288. Welcome to rec.radio.info!

Newsgroup: rec.radio.scanner
Date: 1994-05-01 03:00:07 UTC
From: rec-radio-info@ve6mgs.ampr.ab.ca
Message-ID: <rec.radio.info-welcome_767761206@ve6mgs.ampr.org>
Source record: 274846
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.info,news.answers,rec.answers

Archive-name: radio/rec-radio-info/welcome
Last-modified: $Date: 1994/01/02 22:00 $
Version: $Revision: 1.06 $

*** Welcome to rec.radio.info! ***

Welcome to rec.radio.info, a group that aims to provide a noise-free source
of information and news for the entire rec.radio hierarchy.

Two introductory articles about rec.radio.info are posted to the group and
to news.answers every two weeks. You are now reading the first article, which
explains what rec.radio.info is, and answers some Frequently Asked Questions.
The second article is titled "Submission Guidelines", and you only need to
read it if you want to submit an article to rec.radio.info.

You can skip to the next section of this article by searching for the next
" -- " string. The sections available are:
- What is the purpose of rec.radio.info?
- Why are messages almost always cross posted to rec.radio.info?
- What is a 'follow-up', and what does 'moderated' mean?
- OK, so now I know what 'moderated' means. Tell me more.
- What type of material is considered inappropriate?
- I do not have access to news, how can I get the information posted to
rec.radio.info?
- Will the material appearing in rec.radio.info be archived somewhere?
- I have a regular posting with timely information, is there a way to
speed up it's delivery, or automate for more convenience?

-- What is the purpose of rec.radio.info?

The purpose or charter of rec.radio.info is to provide the Usenet community with
a resource for information, news, and facts about any and all things radio.

All the other rec.radio groups are intended for discussions and general chit
chat about radio. Rec.radio.info will contain informational, factual articles
only. Follow-ups are redirected to an appropriate other group, and further
discussion (if any) will not take place in rec.radio.info.

In order to ensure that rec.radio.info contains only appropriate articles, it
was decided to create the group as a moderated newsgroup.

-- Why are messages almost always cross posted to rec.radio.info?

It provides a "tag" for each article to be assembled into a filtered
presentation in rec.radio.info (even with cross-posting, only one message, with

a unique Message-ID, is propogated across the net). This tag also facilitates a pre-existing method of dropping or cancelling the articles locally within the discussion groups if you don't want to see them. This accommodates individuals who want to separate the bulletins from the discussions, discussions from the bulletins, as well as those who are adamant about not reading another newsgroup and wanted to see everything all in one basket.

With the total size of Usenet (in number of newsgroups and total traffic) doubling every year or so, this is no insignificant contribution to reducing information noise and chaos. Making the discussion groups a catch-all, and making extra newsgroups filters on that catch-all, is also the most realistic way to implement such a scheme (It's not intuitively obvious what the charter, contents, and general appropriate topics for each and every newsgroup are. Seeing FAQ's and charter/intro postings in the home newsgroup is beneficial for new readers).

By cross-posting one only is adding a few tens of bytes to each bulletin (to specify the extra group on the Newsgroups line), but are adding the capability for very powerful filtering features available on most news servers, listservers and readers. Your local news guru could probably explain these features in more detail.

In rn, for example, according to Leanne Phillips in her rn kill-file FAQ, add a line of the form:
/Newsgroups:.*[,]rec\.radio\.info/h:j
either in ~/News/KILL (if you don't want to see rec.radio.info articles anywhere) or ~/News/rec/radio/amateur/misc/KILL (if you don't want to see them just in rec.radio.amateur.misc). The latter method means your kill file will only be consulted during rec.radio.amateur.misc (and hence runs more efficiently), and will probably work for most people.

In nn, according to Bill Wohler in his nn FAQ, add a line of the form:
rec.radio.info:!s/:^
in ~/.nn/kill (if you don't want to see rec.radio.info articles anywhere), or put the following lines:
sequence
rec.radio.info
rec.radio.
at the end of ~/.nn/init in order to see all the rec.radio.info bulletins first, then read the remaining rec.radio.* without the bulletins.

-- What is a 'follow-up', and what does 'moderated' mean?

If you are new to Usenet and are not familiar with the terminology, you might want to read the general introductory articles found in the newsgroup news.announce.newusers. Doing so will make your life on the net much easier, and will probably save you from making silly beginner's mistakes.

If you think that at this moment you are reading an echo, a conference, or a bulletin board, I'd also strongly suggest a trip over to news.announce.newusers.

For the rest of this article, I will assume you have a basic knowledge of Usenet terminology and mechanics.

A moderated group means that any article that needs to be posted to the group has to be accepted by the moderator of the group. Since we need to ensure that followups to an article (discussion) do not show up in the rec.radio.info newsgroup, the `Followup-To:' header line contains a newsgroup that is appropriate for disussions about the specific article.

-- OK, so now I know what 'moderated' means. Tell me more.

Rec.radio.info is a moderated newsgroup, which means that all articles submitted to the group will have to be approved by the moderator first.

The current moderator of the group is Mark Salyzyn. Submissions to rec.radio.info can be posted, or e-mailed to:

rec-radio-info@ve6mgs.ampr.ab.ca

Comments, criticisms, suggestions or questions about the group can be e-mailed to:
rec-radio-request@ve6mgs.ampr.ab.ca

But before you do so, please be sure to check out the "Submission Guidelines" article.

The influence of the moderator should be minimal and of an administrative nature, consisting chiefly of weeding out obviously inappropriate articles, while making sure correct headers etc. are used for the appropriate ones.

-- What type of material is considered inappropriate?

There are three broad categories of articles which will be rejected by the moderator:

1) Requests for information: rec.radio.info is strictly a one-way street. I receive information in my mailbox; I then post it to rec.radio.info. Requests for specific information belong in the normal discussion newsgroups. If your request gets answered, you might consider passing the answer on to rec.radio.info, though. Especially if you can edit it into a informational, rather than a discussion, format.

2) Obvious discussion articles, or articles that appear unsubstantiated.

3) Commercial stuff: a relatively unbiased test of a radio product would be accepted, but any hint of for-profit might be reason for rejection. For three reasons: This is not the purpose of the list, for-profit is a controversial topic, and this list may be passed onto Amateur Packet Radio (where for-profit is prohibited except under certain provisos).

rec.radio.swap (or possibly comp.newprod) may be more deserving of the posting in any matter.

Similarly, copyrighted material generally cannot be used. If it's TRULY worthwhile to the net, I would recommend obtaining permission from the copyright holder. Please note the source, and if permission was given. I

reserve the right to make the final decision concerning appropriateness in all situations. In most cases, a brief summary of, or pointer to, the copyrighted information may be all I can allow.

-- I do not have access to news, how can I get the information posted to rec.radio.info?

brian@UCSD.EDU (Brian Kantor) has kindly supplied a mail list server for rec.radio.info. Non of the articles will be digested, due to their size, so you will receive individual mailings for every article posted to the group.

Mail sent to radio-info@ucsd.edu will be forwarded to the moderator and thus is an alias to rec-radio-info@ve6mgs.ampr.ab.ca

To subscribe and unsubscribe via the listserver; the format for that is

sub address radio-info
unsub address radio-info

where 'address' is your full mailing address. Send this request to

listserv@ucsd.edu

Note that the server will automatically delete any address that bounces mail. If you leave the address portion blank, it will try to deduce your address from the mail headers. This may not work if you are on bitnet, milnet or some other non-Unix host, so it is recommended to put your return address in any case. For example:

sub mymailbox@myhost.mydomain.mil radio-info
or
sub MEMEME01@DMBHST.bitnet radio-info

or something like that.

-- Will the material appearing in rec.radio.info be archived somewhere?

Yes. Still firming up details at the moment but here is a preliminary list:
- unbc.edu as maintained by Lyndon Nerenberg <lyndon@unbc.edu>
- nic.funet.fi maintained by Risto Kotalampi <rko@cs.tut.fi>
saved to /pub/dx/text/rec.radio.info currently stored as numbered files.

Effectively this means that anything you post to rec.radio.info will be permanently stored, so your work will not be lost.

-- I have a regular posting with timely information, is there a way to speed up it's delivery, or automate for more convenience?

Yes, there is! It may take a bit of chatter with the moderator, but we are willing to take responsible people and provide them the means of posting the articles directly from their site. We will try everything we can as we fully realize that DX (distant signal) and astronomical data can be somewhat transitory. We are also willing to allow regular posters of information the same courtesy, even if the information is not as time critical.

We refer to this as self-moderation, which is partly based on the model for news.answer. This requires co-operation and good will to be beneficial to the community in the rec.radio hierarchy.

I suggest reading the posting guidelines for more information. I am open to suggestions.

I thank the following individuals for their input into this article:
rec.music.info moderator Leo Breebaart rec-music-info@cp.tn.tudelft.nl
rec.radio.broadcasting moderator Bill Pfeiffer wdp@gagme.chi.il.us
Paul W. Schleck, KD3FU pschleck@unomaha.edu
Ian Kluft, KD6EUI ikluft@uts.amdahl.com

--
Mark Salyzyn -- Moderator rec.radio.info
Submissions to: rec-radio-info@ve6mgs.ampr.ab.ca
Administrivia to: rec-radio-request@ve6mgs.ampr.ab.ca
* Requests for information do *not* belong in rec.radio.info *

3289. FCC License Data Sources

Newsgroup: rec.radio.scanner
Date: 1994-05-01 07:00:16 UTC
From: bill@thd.tv.tek.com
Message-ID: <2pvk20$kei@news.tv.tek.com>
Source record: 274845
Cross-posted to: rec.radio.scanner,rec.radio.info

[last changed 08-Apr-94]

Changes preceeded by "|". Please e-mail corrections and additions to me.

INTRODUCTION

This is a list of FCC license data sources available to scanner listeners. The FCC master contains a wealth of data about every non-government license in the United States. Most of the sources below contain a subset of this data, although a few contain all of it. Government licenses are not administered by the FCC, and the data is not available to the public.

If you are interested in purchasing the data, you might want to consider forming a co-op of people in your area to share the cost. As far as I know, this is legal since the information is in the public domain. However, most software supplied to view or manipulate the data is copyrighted and must be purchased separately by each user.

Prices are rounded to the nearest dollar and include shipping, if known.

C.E.T.

CET sells records of all stations inside a 30-mile radius for $80. (Major cities cost extra.) A 70-mile search costs $178. The data is provided on floppy disks and is available in ASCII columnar and comma-delimited formats.

CET does not provide data for licenses that do not contain specific geographic coordinates (i.e., mobile-only systems) or specific operating frequencies (e.g., amateur radio).

To do the search, CET requires the latitude and longitude of the center of the 30-mile radius. I calculated mine from a USGS topographic map I obtained at a local nautical supply store. Alternatively, you can obtain the coordinates for your town from the University of Michigan's geographic name server. Run "telnet 141.212.99.9 3000" and enter your zip code. For my area, the server returned the coordinates of the main post office.

CET can be reached at 800-445-0297.

GROVE

Grove sells FCC data on disk by state. The first state is $40, and each additional state is $30 (add $10 for CA, FL, TX). The disk comes with a database search program. Grove Enterprises can be reached at 800-438-8155.

MICROFICHE

Lee Reynolds (lee@tosspot.sv.com) has made available copies of the entire FCC master on microfiche for $75 a copy. There are three sets in all - by callsign, geographic area, and frequency - for a total of about 200 fiche. | His current set is from early 1993. E-mail Lee for more information. [As | of 8-Apr-94 the above e-mail address was not valid. If you know how to | contact Lee, please let me know.]

The Bearcat Radio Club sells the FCC master by state for $15. Bearcat Radio Club can be reached at P.O. Box 291918, Kettering OH, 45429.

PERCON

PerCon sells a variety of FCC data on CD-ROM and floppy. CD-ROMs are available by state, region, or category, and floppies are available by state. Also available is a CD-ROM of the entire US (2.5 million records). Data is updated approximately every six months.

State floppies are $35 per state. CD-ROMs are $100 each. Quantity discounts available. PerCon can be reached at 716-386-6015.

POLICE CALL

This is probably the most cost-effective source of public service license information. The detail is limited, but the information that is there is often more useful than the FCC master. For example, an entry in Police Call that reads, "Portland Police, Net 3, North Precinct," reads, "Portland, City of" in the master.

Police call is available in 9 volumes covering different regions of the US. It can be purchased at Radio Shack stores for $10 per volume.

SCANWARE ASSOCIATES

ScanWare Associates sells a PC-based database program called the FCC Frequency Retrieval System V2.0. It comes with FCC data for one state, covering all services from 10 kHz through 2036 MHz. Data is updated approximately every six months (last update was Dec. 1, 1993).

Cost is $35 for the first state and $20 for each additional state. (Add $5 for CA, FL, TX, NY.) Quantity discounts available. Fully working shareware copy downloadable from their BBS at 206-871-4228 (FCC200.ZIP). ScanWare Associates can be reached at 206-698-1383 (voice) or 206-698-8207 (fax).

APPENDIX

Here is table of data fields in the FCC master. Fields provided by various products are indicated by "*" or the field length, if known.

PERCON PERCON PERCON POLICE SCAN
DESCRIPTION SIZE CET GROVE FLOPPY US CD OTHER CD CALL WARE
| Frequency (or Lower Limit) 16 11 12 16 16 16 * 11
Upper Frequency Limit 16 16 16 11
| Callsign 10 8 10 10 10 10 * 10

| Service Code 2 2 2 2 2 2 * 2
Licensee DBA Name 40 40 40 40 40
Licensee State 2 2 2 2
Licensee Zip 9 5 9 9
Licensee Address 35 30 35
Licensee City 20 15 20 20
| Licensee Name 200 32 30 100 *
Applicant Phone 10 10
| Transmitter Latitude 6 6 6 6 6 6 6
| Transmitter Longitude 7 7 7 7 7 7 7
Transmitter Elevation 5 5 5 5 5 5
Transmitter Height 5 5 5 5 5
Transmitter HAAT 5 5 5 5
Transmitter Effective Height 5 5 5
TX Antenna Structure Height 5 5 5
Transmitter Address 80 80 80 80
| Transmitter City 20 10 12 20 20 20 * 20
| Transmitter County 30 10 20 30 30 30 30
| Transmitter State 2 2 2 2 2 2 * 2
Class of Station 4 4 4 4 4 * 4
Type of Message Service 1 1
Area of Operation 1 1
Radius of Operation 4 4 4
Antenna Type 10 10 10
Antenna Elevation Angle 6 6
Antenna Azimuth 6 6
Antenna Polarization 3 3 3
Antenna Gain 4 4
Antenna Path Length 6 6
Antenna Beam Width 8 8
ERP Out 8 4 8 8 8
ERP Units 2 1 2
ERP Indicator 1 1
Power Out 8 4 8 8 8
Power Out Units 2 1 2
Power Out Indicator 1 1
Emissions 15 15 15 15
License Issue Date 6 6
License Expiration Date 6 4 6
Operation Begin Time 4 4
Operation End Time 4 4
Number of Vehicle Mobiles 4 4 4 4 * 4
Number of Portable Mobiles 4 4 4 4 * 4
Number of Aircraft Mobiles 4 4 4 4 * 4
Number of Marine Mobiles 4 4 4 4 * 4
Number of Pager Mobiles 5 4 5 5 5

ERP = Effective Radiated Power, HAAT = Height Above Average Terrain

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077

bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

3290. Re: Antenna for Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-05-01 08:47:08 UTC
From: a10554@giant.rsoft.bc.ca
Message-ID: <a10554.767782028@giant>
Source record: 274847

mg@fm.unomaha.edu (Matt Galardi) writes:

>I recently purchased a Pro-2006 scanner and have an antenna question.

Me too, just bought 2 days ago at the sale here.

>I live in a third floor of an apartment building (top floor) and would like

Me too but first floor in a flat urban/sub-urban area.

>to get an antenna that helps increase my reception. I don't like too far

Me too.

>from Offiut AFB (TAC's HQ) and would like to listen in but currently it

Quite close to the Vancouver International Airport.

>it scratchy.
>Any suggestions as to what an apartment dweller could put up?

I want too but we have strict by-laws on any non-plant objects in the
balcony. I think a discone with a vertical on top is the best kind.
Diamond makes a good one, plus some other brands. Radio Shack one is
not good from what I heard. Why discone? Wide band reception, vertical
polarization where most actions are in, can transmit on a few ham bands.
Then there are some other verticals for scanners which covers a few
bands, with or without active preamps. I still don't know what to buy
yet. May be someone can suggest for my case. I probably can pass with
some vertical in my balcony but definitely discone without special
approval.

>Matt

David Tse

--
David Tse, VE7MDT Internet: a10554@giant.rsoft.bc.ca
I will prefer e-mail sent to above address.
My PO Box is CANCELLED, please do not use.

3291. Re: S.F. area scanners

Newsgroup: rec.radio.scanner
Date: 1994-05-01 11:36:18 UTC
From: receptio@us.oracle.com
Message-ID: <1994May1.113618.22051@oracle.us.oracle.com>
Source record: 274849

Hi my nace is Casey and I am new to the area. I just moved to Pacifica.
I was wondering if anybody had any scanning freq. for the area.
And may I say I love PACIFICA.

please post I live in a groop mail box. Now we wouldnt want anyone to know
that I am not working now would we.

Thanks,
Casey

3292. Re: Uniden Problem

Newsgroup: rec.radio.scanner
Date: 1994-05-01 12:21:05 UTC
From: schuster@panix.com
Message-ID: <2q06rh$cm@panix2.panix.com>
Source record: 274848

In article <2pvh2l$396@mother.usf.edu>,
David Pinero (CRI) <pinero@luna.ec.usf.edu.> wrote:
>I don't want to get into too much detail because I want to hear your
>story. Basically, I'm looking to hear from anyone who has had trouble
>with any model 800 mhz Uniden <Bearcat?> scanner, particularly in how it
>picks up signals in the 800 mhz range.
>
>Has anyone noticed that the frequency table is "off" somewhat from what
>they are supposed to be? In other words...if the actual frequency you
>usually monitor on any other scanner is 868.950...does it come through on
>another frequency on your Uniden? I have heard conflicting stories on
>other scanner-based networks that support this as being the case. I
>bring it up because it happened to me and Uniden told me I was crazy or
>didn't understand what I was talking about.
>
>I will explain my story if I get enough respondents who care or who can
>confirm this.

First, most older Uniden scanners accept frequencies at 12.5 KHZ intervals in the 800 MHz band, including the cellular frequencies that have assigned channels 30 KHz apart in North America. So you will almost always be a little "off" with one of those models (e.g. 800XLT, 200XLT, etc).

Second, there are a number of Uniden scanners that cover 800 MHz and use double conversion IF circuitry. It is common to hear strong images of 800 MHz transmissions above their assigned frequency; the distance is twice the first IF (e.g. 10.9 MHz x 2).

If your scanner's behavior is explained by one of the above, there is nothing wrong with it.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3293. Pro43 audio mod - re����

Newsgroup: rec.radio.scanner
Date: 1994-05-01 13:06:00 UTC
From: derek.buchler@channel1.com
Message-ID: <40.2057.2433.0NE1A276@channel1.com>
Source record: 274509

References: <2pje6p$b59@hp-col.col.hp.com>

In a message on 05/01/94, DAVID K MARTIN said to ALL about Pro43 audio
mod - re*****:

DM> I tried the audio mod on my Pro-43 and didn't like it. Removing the
DM> capacitor made the audio *MUCH* better but also increased the amount
DM> of hiss that came through to unacceptable levels (for me to tolerate
DM> that is). Since I didn't have any other smt capacitors to try, I
DM> replaced the original. When I use the Pro-43 in the house, I use an
DM> amplified speaker with a tone control. In the car I usually use a
DM> small set of unamplified stereo speakers for a walkman type radio.
DM> The larger speaker produces a bit more volume than the internal
DM> speaker and the cheap construction kills most of the bass ;)

David,

Did you know that there is now a new speaker which is available for the
PRO-43? I don't have the specs here (nor have I done the mod myself) but
I'm sure someone can post the information here. Also, I have found that
a cheap mono earphone works best for me in the car. It's the same kind
that used to come with all of those portable AM radios back in the 60's.

Derek
* RM 1.3 00223 * See really good tagline on previous message.

3294. Re: Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-05-01 16:49:04 UTC
From: cravitma@cps.msu.edu
Message-ID: <2q0mi0$lhk@msuinfo.cl.msu.edu>
Source record: 274850
Cross-posted to: rec.radio.scanner,alt.law-enforcement

On Fri, 29 Apr 1994 06:29:49 GMT, strange alien beings caused John Nagle (nagle@netcom.com) to write:
> Key management is a big issue. If somebody loses a handheld, do
> you re-key every radio in the system? Even routine key updates are a
> headache. Does everybody have the same key, or are there communities of
> interest? The military has struggled with this problem for decades, and
> it's messy. Public-key doesn't work for broadcast systems.

I was talking to one of the local police here in Lansing, and they are apparently experimenting with the Motorola Sabre encrypted radios for tactical, HRT and so forth applications. Apparently the radios are brought into the station before every shift and are rekeyed to a common key (a procedure which takes about 5 seconds per radio -- set the key, plug each radio into the controller and press a button). Other departments in other areas may do things differently, and YMMV.

/Matthew

--
Matthew Cravit, N9VWG | All opinions expressed here are
Michigan State University | my own. I don't speak for MSU
E-Mail: cravitma@cps.msu.ed | and they don't speak for me.
PGP public key available from http://web.cps.msu.edu/~cravitma

3295. Friend wants to get Blue Angel's channel 18 freq.

Newsgroup: rec.radio.scanner
Date: 1994-05-01 20:12:00 UTC
From: krl@alpha.sunquest.com
Message-ID: <1MAY199413125468@alpha.sunquest.com>
Source record: 274815

My friend really wants to get the freq for channel 18. He said he heard them say to switch to channel 18 at the El Torro (sp?) show and could not catch them after that. He said they switched to it after discussing a radio problem they were having.

If anyone knows it and can send to krl@alpha.sunquest.com my friend would be very appreciative.

Thanks in advance,
Ken Lauver
KRL@ALPHA.SUNQUEST.COM

3296. Re: cordless phone

Newsgroup: rec.radio.scanner
Date: 1994-05-01 20:25:04 UTC
From: Charles.R.Hohenstein.1@nd.edu
Message-ID: <Charles.R.Hohenstein.1-010594151821@mac03.lafortune.lab.nd.edu>
Source record: 274851

In article <2pm41g$muh@cutter.clas.ufl.edu>, sjh@math.ufl.edu (Steven J. Horn) wrote:

> Our neighbors monitor our cordless phone conversation
> and I would like to know what is a good cordless phone
> which would prevent this - preferably something under
> $200. Please e-mail me at sjh@math.ufl.edu
>
>
> Thanks,
> Steve

People who want to have private conversations shouldn't broadcast them over a radio. There is no way to prevent someone who is determined to monitor your cordless phone conversations from doing so. You can scramble the conversation, if you like, but that does not assure that someone will not unscramble it. Indeed, there can be no such assurance. You would stand a good chance of frustrating your neighbor's activities if you switched to a 900 MHz digital cordless phone, but you might not find one in the price range you mention, and you would certainly be frustrated, after investing $$ in a new phone, to discover that your conversations are still providing entertainment for others. If the information is confidential, don't use the cordless phone.

3297. To all scanner users

Newsgroup: rec.radio.scanner
Date: 1994-05-01 21:57:43 UTC
From: eb795@cleveland.Freenet.Edu
Message-ID: <2q18kn$g00@usenet.INS.CWRU.Edu>
Source record: 274852

Hello.

I have two RF signal amplifiers for sale.
If you are a scanner user, a broadband signal amplifier will grea
tly enhance the enjoyment you receive from your scanner.

The amplifiers I have for sale are $30 each, shipping included w
hen you prepay with a money order.

Here are the amplifier specs:
Frequency range: 100kHz to 1.3gHz
Gain: greater than 20dB
Noise figure: less than 4dB

These are the perfect amplifiers for wideband scanning receivers.

Please let me know if you would like to buy one or
both.

Thank you.
--
Eric Matthews
eb795@cleveland.freenet.edu

3298. Scanning in London

Newsgroup: rec.radio.scanner
Date: 1994-05-02 00:43:05 UTC
From: mlburke@aol.com
Message-ID: <2q1iap$rkr@search01.news.aol.com>
Source record: 274853

Can someone give me some information requarding scanner use in London.
1. Is it legal?
2. Will an American purchased scanner (Realistic 2006) recieve police and fire transmissions in London?

A friend has tried using the Realistic 2006 in London, but all he recieves is cellular. I would be interested in hearing and explantions for this, or any frequencies that should be active in London.

Thanks,
Mike
MLBurke@aol.com

3299. Re: Double scan rate of BC100/200/205XLT, others

Newsgroup: rec.radio.scanner
Date: 1994-05-02 00:56:53 UTC
From: Todd_Heckaman@aardvark.bah.rochester.ny.us
Message-ID: <000486F5.fc@aardvark.bah.rochester.ny.us>
Source record: 274787

Please send me your address as I am very interested, thanks!

** Via the Aardvark Burrow BBS - 1-716-383-1372**

3300. Best Prices for RS 2006/2030

Newsgroup: rec.radio.scanner
Date: 1994-05-02 02:18:27 UTC
From: rafaels@zimmer.CSUFresno.EDU
Message-ID: <Cp5L2r.L5q@zimmer.CSUFresno.EDU>
Source record: 274860

I'm ready for my first base scanner. I'm considering the RS 2006 (if price is right) and the RS 2030. Please post best prices and location (catalog prices are $399 and $199 respectively).

Thanks

Rafael

3301. Re: 800 band

Newsgroup: rec.radio.scanner
Date: 1994-05-02 02:22:17 UTC
From: ad178@FreeNet.Carleton.CA
Message-ID: <Cp5L95.FMx@freenet.carleton.ca>
Source record: 274854

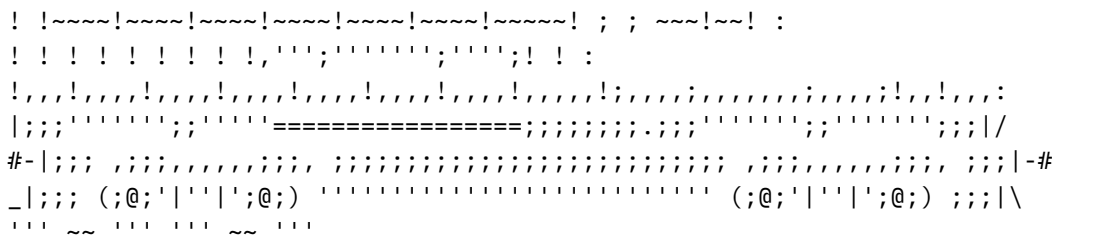
Gee...thanks for that post....NOT!
--
Life's to short to worry... :)

3302. AR1500 ???

Newsgroup: rec.radio.scanner
Date: 1994-05-02 02:55:23 UTC
From: s_shefet@unity.ncsu.edu
Message-ID: <2q1q2r$nb0@taco.cc.ncsu.edu>
Source record: 274855

Hello.
Does anyone know how good the AR1500 is ?
Does it realy has a continuos coverage from 500Hz to 1300Mhz (no gaps,
includes cellular bands) ?
What is its price range (new Vs. half / one year old) ?
and last question, what does 'signal sideband capability with BFO' means ?
Thanks

,;;;;,,;;;;,,;;;;,,,,,,,,,;;;;,,,;,,,,,,,,,,,,,,,,, Sarid M. Shefet
;##########||##########| ******/ ||||| ;_____/;''' Food Science
; s_shefet@eos.ncsu.edu ~~~ ; |_|_| ; N.C.S.U.
; s_shefet@unity.ncsu.edu ,~~~; ;~,,,,,,,,



3303. Re: IDEA: DX PacketCluster instead of FireNet et. al.

Newsgroup: rec.radio.scanner
Date: 1994-05-02 03:34:46 UTC
From: vhealey@crl.com
Message-ID: <2q1scm$9l7@crl2.crl.com>
Source record: 274856

>
>A vary good idea. The state of California office of emergency services
>transmits their emergency messages to the Broadcast media in the San
>Francisco Bay area from Mt Diablo using ax25 Packet. The broadcast tv
>and radio stations love it as they now have printed text to read. The
>voice transmissions would be missed or squelched in the old days.
>
>The system is made up of the same packet tnc hardware that is vary
>popular in the amateur radio service. The same messages sent out over the
>shared broadcasters 450. MHz repeater are also sent to a newsgroup here
>on the Internet.
>
>Bob

Bob which newsgroup?

3304. Voice activated recording with PC

Newsgroup: rec.radio.scanner
Date: 1994-05-02 03:57:16 UTC
From: kumbach@tibalt.supernet.ab.ca
Message-ID: <2q1tms$ciu@tibalt.supernet.ab.ca>
Source record: 274859

Has anyone seen or written a PC program that works like a voice activated cassette recorder? I'm interested in setting up my PC that is soundblaster equipped to monitor my scanner while I'm not around. I guess you could possibly end up with a pretty huge digital recording on your harddrive, but I'm sure 50-100mb would hold a lot of conversations especially since there would be no blank spots in it.

If no such program exists, anyone want to write one? I might take up such a task, but I'm not very familiar with soundblaster programming and it could take me a long time to write.

3305. Re: Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-05-02 04:37:46 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2q202q$klg@umcc.umcc.umich.edu>
Source record: 274857
Cross-posted to: rec.radio.scanner,alt.law-enforcement

In article <nagleCp0Cpq.Lvu@netcom.com>, John Nagle <nagle@netcom.com> wrote:
>nomad@ecst.csuchico.edu (Michael Larish) writes:
>
> Actually, I suspect that the main reason most departments don't
>encrypt is that 1) the equipment is expensive and 2) key management
>for a big group of radio users is a pain.
>
> Key management is a big issue. If somebody loses a handheld, do
>you re-key every radio in the system? Even routine key updates are a
>headache. Does everybody have the same key, or are there communities of
>interest? The military has struggled with this problem for decades, and
>it's messy. Public-key doesn't work for broadcast systems.

OTAR -- Over The Air Rekeying. Selective Disable --
automatically disabling a radio, 'zeroizing' the crypto key & in some
cases, frequency info.

Cipher key management problems have been reduced greatly over the years,
thanks to OTAR & field deployment of (cipher) key variable loaders.

> John Nagle

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

3306. Re: Where are the Yupis?

Newsgroup: rec.radio.scanner
Date: 1994-05-02 04:43:04 UTC
From: crisp@netcom.com
Message-ID: <crispCp5rrs.I73@netcom.com>
Source record: 274858

In article <1994Apr28.141805.1@uoft02.utoledo.edu> cscon0151@uoft02.utoledo.edu writes:
>I was wondering about the availability of the Yupi 7100 in the USA....Is it
>totally sold out? I don't have the $ at the moment, but wish to get one
>hopefully fairly soon.
>

Not only are the Yupi's all sold out in the US (well they never were really
for sale here!), most of other scanners capable of 800mhz reception are
sold out too. Funny how bans work....

>If necessary, I can drive to Ontario, Canada to get one. To Canadian users:
>where is the nearest Yupi dealer from the Detroit-Windsor area? I can't afford
>to drive a thousand miles, but (if necessary) will drive to Toronto if that's
>what it takes!
>

Well just remember that it is not legal to bring one back in according to the
new law that is now fully operational. I believe the unavoidable outcome
is that the prices on these ever popular scanners will rise. There was a
guy that had a few for sale recently on the net..... :-)

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3307. Information of PRO-30?

Newsgroup: rec.radio.scanner
Date: 1994-05-02 04:47:55 UTC
From: hudson@ualr.edu
Message-ID: <1994May1.224755.1@eivax.ualr.edu>
Source record: 274781

I recently obtained a Realistic PRO-30 portable scanner. It appears new, and I got the charger and manual with it. I was wondering if anyone could supply me with information on this model. I did not see this particular model on a recent trip to Radio Shack, and I assumed it is at least a few years old. Also, if you own(ed) one of these, are there any things to watch out for with this model. Please E-Mail replies, as I don't regularly see this group.

Thanks,

Keith

--

Keith Hudson hudson@ualr.edu
N5EEZ mkhudson@ualr.edu
hudson%eivax@ualr.edu

University of Arkansas at Little Rock
Department of Electonics and Instrumentation
Department of Chemistry

3308. Northern California Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-02 06:24:34 UTC
From: danbury@BIX.com
Message-ID: <danbury.767859874@BIX.com>
Source record: 274861

I live in Sonoma County, something like 70 miles north
of the Golden Gate Bridge.

Can someone email me frequencies used by C.H.P.,
the Sonoma county Sherriff, The cops, et.al. around here ?

Another great favor to me would be a list of the codes used
so that I could (perhaps) understand the mish-mash of numbers
on the air.
Much thanks for any response.

3309. Re: Where are the Yupis?

Newsgroup: rec.radio.scanner
Date: 1994-05-02 06:32:31 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May2.063231.5289@hpcvaac.cv.hp.com>
Source record: 274863

crisp@netcom.com (Richard Crisp) writes:
: In article <1994Apr28.141805.1@uoft02.utoledo.edu> cscon0151@uoft02.utoledo.edu writes:
: >I was wondering about the availability of the Yupi 7100 in the USA....Is it
: >totally sold out? I don't have the $ at the moment, but wish to get one
: >hopefully fairly soon.
:
: Not only are the Yupi's all sold out in the US (well they never were really
: for sale here!), most of other scanners capable of 800mhz reception are
: sold out too. Funny how bans work....

That's funny. Radio Shack seems to have plenty of PRO-43s, PRO-39s and
PRO-2006s left. I suspect that there are still a lot of them left in the
distribution pipeline.

Bill

3310. Re: IDEA: DX PacketCluster instead of FireNet et. al.

Newsgroup: rec.radio.scanner
Date: 1994-05-02 07:01:06 UTC
From: rwilkins@ccnet.com
Message-ID: <2q28fi$dvt@ccnet.ccnet.com>
Source record: 274862

Victor Healey (vhealey@crl.com) wrote in response to my original post:

: >The system is made up of the same packet tnc hardware that is vary
: >popular in the amateur radio service. The same messages sent out over the
: >shared broadcasters 450. MHz repeater are also sent to a newsgroup here
: >on the Internet.
: >
: >Bob

: Bob which newsgroup?

The newsgroup ca.govt-bulletins is a part of the EDIS system of OES.

A resent news bulletin follows

++
r n ofd-NEWS-RELEASE 04-29 0079
NEWS RELEASE

FROM: Oakland Fire Department

CONTROLLED BURN IN THE EAST BAY HILLS

OAKLAND -- There is a controlled burn scheduled until 5 p.m. in the Oakland
hills in the area of Grizzly Peak and Marlborough Terrace. The burn is
being conducted by the East Bay Region Parks department.

Smoke from the burn will be visible the area of the Caldecott Tunnel, Lake
Temescal and Highway 24.

FOR MORE INFORMATION CONTACT: The Oakland Fire Department Dispatch Center
at 510-444-3322

EDIS-04-29-94 1044 PDT
++

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

3311. OKI 900 as scanner?

Newsgroup: rec.radio.scanner
Date: 1994-05-02 15:32:47 UTC
From: porterg@gems.vcu.edu
Message-ID: <1994May2.113247.1331@gems.vcu.edu>
Source record: 274662

Help?!

I've recently acquired a used OKI 900 cellular phone, and have heard that it can be used to manually scan the cell phone freq. band. Naturally enough, the local cell phone co won't loan me the service manual for this item...;) I'm sure there is an archive with this info, but I've been lurking a while and haven't seen any mention of it.

Also, the previous owner had a private dialing directory, whose memory space I can't get at for my own use. Anyone have any idea how to totally reset the memory so I can use it myself?

Any help appreciated!

Greg Porter

3312. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-05-02 15:37:31 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May2.103731.2289@hnrc.tufts.edu>
Source record: 274864

In article <767371234.AA00281@rochgte.fidonet.org>,
David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:
> Also, the manufacturers are not interpreting the law to include
> transceivers on their own. Congress has already defined "scanner" to be ANY
> radio receiver that automatically samples 4 or more memory channels.

I have heard it suggested (but I am not a lawyer) that "receiver" need not
necessarily include "transceiver". Congress could have left it at "radio" or
specified "device" or used some other term if it wished to be explicit
about including transceivers.

3313. Need BC700A Cell Mod

Newsgroup: rec.radio.scanner
Date: 1994-05-02 16:40:22 UTC
From: exe00447@vnet.net
Message-ID: <2q3adm$rr8@rtp.vnet.net>
Source record: 274866

I am in need of the Cell Mod for a Uniden Bearcat BC700A. If you have it, could you please send it to me.

Thanks, Keith.

Internet: exe00447@vnet.net

3314. OHIO INFORMATION

Newsgroup: rec.radio.scanner
Date: 1994-05-02 16:46:43 UTC
From: HF.MMZ@forsythe.stanford.edu
Message-ID: <2q3apj$jpt@morrow.stanford.edu>
Source record: 274780

I am interested in the mailing address for the Ohio Scanning Club (assuming there is one). Is there a newsletter and what does it cost to join ?

Thanks for the info,
MikeM@forsythe.stanford.edu

3315. Re: S.F. area scanners

Newsgroup: rec.radio.scanner
Date: 1994-05-02 17:09:29 UTC
From: msattler@wco.ftp.com
Message-ID: <msattler.15.001128FB@wco.ftp.com>
Source record: 274736

To: person who just moved into Pacifica and works at a big company that must remain nameless that's owned by Larry "It's not enough that I succeed but that others must fail" Ellison
Re: San Francisco Bay Area scanning frequencies

>please post I live in a group mail box. Now we wouldn't want anyone to know
>that I am not working now would we.

Send me mail directly and I'll pass on my stash of local freqs. :-) M

---------------------------------------+--
Michael Sattler <msattler@wco.ftp.com> | KE6DZF
FTP Software West Coast QA Manager | Bay to Breakers EMT/Communications
+1.415.543.9001, +1.415.543.9002 fax | Bay Area Mountain Rescue Unit (BAMRU)
785 Market St, San Francisco CA 94103 | SF Neighborhood Emergency Response Team

3316. Feasibility of AOR3000 mods -- (LONG)

Newsgroup: rec.radio.scanner
Date: 1994-05-02 17:17:44 UTC
From: terminat@toicg3.to.infn.it
Message-ID: <9405021517.AA26002@toicg3.to.infn.it>
Source record: 274865

I have been studying the structure of the aor3000 and what I see
(and networkers opinions confirm me) its flaws are. I was arguing
about the feasibility of a few mods. Did anybody ever considered
anything similar? I would like very much to share comments.

DISCLAIMER: everybody knows how much the validity of the warranty
is augmented by an user modify; that it is impossible to inadver=
tently cause even the minimal damage to the unit due to a clumsy
intervention; that the result is blindly guaranteed, isn't it?

Note: I refer to the older ar3000, not the 3000a (to which however
the most should apply). I haven't yet tried ANY of these patches;
I'm just proposing and waiting for network response.

mod#1: BFO clarifier/extra fine tuning.
- --------------------------------------
(refer to the if-demodulators board)
The fine tuning (50 hz steps) on the ar3000 is obtained by frequency
adjustment of the 3^ local osc, between 44.565 and 44.575 Mhz. The
10 khz range is covered in 200 steps; the varicap D13 is controlled
by a variable voltage derived from a D/A converter built around the
4094 shift register Ic1 and the resistor array RA1. By the way, I
noted that despite apparently the PLL is tuned in 10Khz step and the
3^ osc to cover the finer resolution, bfos and frequency display
are calibrated in a way that USB tunes 1.5 khz below, LSB 1.5khz
above and CW ~850 Hz below AM/NFM, so that the signal band centers
always the 455khz i.f. To obtain a finer manual tuning I would add a
potentiometer between +5V and the common pin of RA1 (+ a stop coil and
a condenser, eventually); the resistance value of the potentiometer
should be of the order of the highest of RA1, so that its weight is
about +-1 bit .
Nobody says that the frequency is stable enough, however. A bfo detuning
by the squelch knob has already been reported; I add that even sliding
your hand under the unit does (the 44.57 Mhz osc is on the bottom board),
and that the adjustment of L30 (top 44.575 Mhz) and VR1 (exact 10Khz
range) is quite delicate.

mod#2: if width.
- ----------------
One of the universal complaints about the aor3000 is its poor AM
selectivity. Turning to the schematic, it is apparent that it is
determined by the 455 khz +-7.5 ceramic filter CF1. It may be a
hi-fi quest, but it is too wide to be useful in say SWL. moreover,
a +-3 khz filter CF2, used for SSB/CW is already in parallel to
CF1; one of the two is diode-selected by control bits. So why not,

either:

a) unsolder the wide filter and replace it with a slightly narrower one;

b) cut a couple of tracks on the pc and patch a manual switch for 'always wide' 'always narrow' 'wide for AM/NFM, narrow for SSB/CW';

c) skip both CFs, patch in between a variable width filter, or commute a bunch of them (a very narrow one for CW/RTTY, for instance).

I've seen that even the Icom R9000 after all uses just a bunch of steered different ceramical filters, while NRD535 instead apparently has LCs.

mod#3: broad i.f output/other demodulators.
- --
I wonder if a backpanel output of one of the if's would be of any use. In case, probabily the 45.025 Mhz would be the handiest one (e.g., take it from D7-R31). I have no instruments to measure bandwidth there; I would as a rule of thumb expect it to be of the order of the Mhz, while on 455 khz on L29 it could be ~50 khz, but do not know. Potential applications I would see are:

-wider AM bandwidth. METEOSATs have 30khz (don't they?), video has ~5Mhz;

-output for hardware spectrum analyzer (I wrote my software one, and I'm no way satisfied with it);

-sinchro AM demodulation;

-stereo WFM decoding. To this extent, also a wide decoded lf output could be taken. If I understand correctly the diagram, could be around the collector of Q36 (the deemphasys network seems to be C211-R55-C84-R58). A sort of audio patch bay would have to be implemented, but control bits for each mode are present all around.

Note however that the receiver sensivity would be determined by the AGC signal, which results after the own aor3000 _AM_ demodulation (unless one patches this too).

mod#4: tuning knob.
- -------------------
I'm quite dissatisfied with the tiny clicking vfo knob of the old 3000 and would rather replace it. The electronic here is simple, it is more an issue where to find the mechanical parts. There are an Up and a Down line on J2, cpu board, that simply have to be pulsed. I found difficulties in getting the replacement knob of the 3000a, as someone else reported too. I would see two possible improvements:

-a smooth optically encoded wheel. The sense of rotation is to be understood from the phase sequence of two out-of-phase choppings.

It is exactly the principle of computer mouses. So, find a wrecked mouse and repackage it. Just one of the displacement wheels (X or Y) need to be functioning. A 5V alimentation can be taken from anywhere (say pin 5 of J1).

-a jog-shuttle tuning whell. Remember the jog shuttle search on VCRs? A mechanical commutator, coiled to the central position has to be found (cannibalize a Vcr?). It should have +-2 or 3 positions left/ right, that should correspond to increasing pulse rates onto the down/up line. Pulses can be obtained by division of a crystal (say X2, 32 Khz, on that board), such that the lowest rate is ~1hz and the highest ~10hz.

A possibility would also be to wire J1 + 5V to a backpanel connector, leaving dimensional freedom to any fuzzy interface tuning knob.
I find extremely useful the x10 button, so I would never forget it in the modified knob. I wish I had a x100 too, but for this cpu firmware provisions should be made (out of reach).
A minor addition I would consider too concerns a tuning pulse muting. The problem is that the tuning jump produces a click, which is both noisy and triggers a low squelch. Currently a cpu muting is implemented for the final audio (Q32, C176, D34, D26)(not affecting the line out), but I find its time constant slightly too long (due probabily to C176). Maybe something analogous, driven by the tuning pulse may be put around Q24.

mod#5: on preselectors and intermod.
- ------------------------------------
The known most distasteful feature of the ar3000 is the quite high presence of MW and HF intermodulation. Despite this, however, the intermod performance of the ar is good in other regions of the spectrum: e.g. I do not experience any ill effect due to broadcast FM transmitter (I stress that I use to operate my radio at some 2Km from the site of some 60 different repeaters, filling all the 88-108 range, many with powers well above 10Kw). I have the strong feeling that the intermod just depends from the way the coverage is partitioned among the 13 front end band pass filters (i.e. the FM range falls in its dedicated bandpass, while 10-30 Mhz is stuffed together). If I'm right, I cannot understand the designer's choice; perhaps a narrower partitioning scheme of the HF would have enhanced the performance there. Since changing the filters and the relative switching logic will imply to modify half of the machine, it is out of cause. Did anybody tried out an external preselector? If this is the point, would it be possible to render the preselectors TUNABLE? By the way, this is the basic design of superetherodines, and in a sophisticated way what is done i.e. in the NRD535. To tune, varicaps would be employed. As control signals, one has the PLL-Vco control voltage, plus the switching bits for 0.1-0.5, 0.5-2.5, 2.5-10, 10-30, 30-50 Mhz ranges. I have not figured out which type of tunable filter would be appropriate. I just note that NRD535 simply has double tuned LC transformers, while ar3000 uses for HF an array of 7th order LCs. Intervention on the front-end board looks quite

difficult, since the pc is 4-layered. Also, the 1:5 frequency
ratio of LW and MW bands would require a 25:1 capacity ratio of varicaps,
in spite of linearity.

Just to mention it, on the front-end board there is a dedicated HF
buffer amplifier that can be inserted or bypassed (SW1&2). If you
switch it off, the sensitivity decreases to something in between att
and no att, while the intermod smearing improves sensibly (more
than with buffer and att both on). I for me however resolved to leave
the HF buffer on, preferring sensivity.

Repackaging?
- ------------
Mods like the above would result in an increased number of manual
controls, since it is not easy to have them cpu-linked
without rethinking the whole control bus of the aor and rewriting
the cpu firmware. I can't see any less indispensable function that
could be converted into a patched one. For instance, the Att command
bit could be turned to a (say) narrow Am bit, but will the change
be worth? (Maybe yes, if it looks more appealing to manually operate
the attenuator rather than the notch filter).
Though a little space for additional circuitry is present in the inside
of the Aor, it is almost impossible to find space for extra knobs on
the unit panel. What about repackaging the unit, then? Extra additions
I thought useful or saw the desire for in previous postings are:

-a rugged solid case (maybe a metal box would reduce RFI birdies, too)
-a better loudspeaker/ a more powerful audio/ tone controls
-a large, smooth, weighted tuning knob
-a lit keyboard (lighting controlled by the LAMP function)
-a self contained rechargeable battery pack
-a 'SEND' switch, like on the 3000a

Of course all of these would turn the aor more into a tabletop rec,
but after all has it ever been a handheld?

Sought mod:
- -----------
Anybody has any ideas on how to implement an AFC control
that centers signals when scanning in FM, as I read about the ICOM
R7100? What about summing an AFC voltage derived from the N or WFM
decoders to the squelch level, so that the scan stops only when the
the signal is high and centered enough?
.....
All the above is just my own view. Waiting for your feedback,

Enrico Segre

cc:
Subject:
- --------

------- End of Forwarded Message

3317. New 2006 Computer Control Board

Newsgroup: rec.radio.scanner
Date: 1994-05-02 17:22:15 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994May2.122216.1@uoft02.utoledo.edu>
Source record: 274867
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Did anyone who went to the Hamvention check out the Optolectronics counter? I chatted with one of the engineers who designed the new 456 board for the PRO2005/6. Evidently this new board is 'superior' than the HB232, as its firmware coexists with the new 2006 (firmware cell lockout). When the new '456' board is implanted into the 2006, the board takes control of the RF sections, and effectively shuts down the GRE firmware. The result is, any frequency lockout mandatory implanted by GRE, is disabled. The 456 board ALLOWS the new 2006s to tune what the old 'diode-clipped' 2006s can. (No 512-760 Mhz still)

The board requires a PC to be connected to it for control. When the 2006 is under '456 control' the LCD becomes blank, and the board/PC assumes total control. When the computer is not needed/available, the 2006 will act as if nothing happened to it. No soldering is required, although one test point should be soldered.

It currently doesn't work for the 2004. I'll post more info when I have more time, gotta get to work!

--
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

3318. satellites

Newsgroup: rec.radio.scanner
Date: 1994-05-02 18:32:00 UTC
From: Hans-joergen.Strandby@f239.n109.z1.fidonet.org
Message-ID: <dc6_9405030337@blkcat.fidonet.org>
Source record: 274792

Is there anyone out there who has had any luck in connecting a scanner to a LNB (Low Noise Block converter). And then use the scanner to listen to i.e. SCPC signals from satellites. I have a ICOM R-100 (0.5 - 1800 MHz) that I am planning to use.

Hans-Joergen Strandby

Norway

PRO-43 - can't beat the feeling
***
* UniQWK v2.0 * The Windows Mail Reader

Fidonet: Hans-joergen Strandby 1:109/239
Internet: Hans-joergen.Strandby@f239.n109.z1.fidonet.org

3319. looking for BBS in Detroit area

Newsgroup: rec.radio.scanner
Date: 1994-05-02 19:14:01 UTC
From: dmsmith@tacom-emh1.army.mil
Message-ID: <2q3jdp$32a@VTC.TACOM.Army.Mil>
Source record: 274869

I am looking for a BBS in the Detroit area that has frequency lists for the Detroit Area. An ftp site that has Detroit frequencies would also be good. Are there any organized scanning groups in the Detroit area ? The Detroit area to include Port Huron, Pontiac, Ann Arbor, Monroe and everything in between.

Thanks in advance
Dennis

3320. Yupi 7100 specification

Newsgroup: rec.radio.scanner
Date: 1994-05-02 19:23:43 UTC
From: duli@boulder.Colorado.EDU
Message-ID: <2q3jvv$jbn@lace.Colorado.EDU>
Source record: 274868

Could somebody tell me where can I get the specifications of Yupi 7100? Or could someone who owns the Yupi baby kindly send me a brief summary of the specs?

Thanks.

Li Du | duli@prony.colorado.edu

3321. Northern California Scanner Club

Newsgroup: rec.radio.scanner
Date: 1994-05-02 20:01:01 UTC
From: strech1@aol.com
Message-ID: <2q3m5t$bid@search01.news.aol.com>
Source record: 274873

Seen a couple of posts regarding frequencies for Norhern California, I belong to a scanner club that serves the Bay Area and beyond. We have a bi-monthly news letter and a BBS, Email a postal address and I'll send you information and an application.
strech1@aol.com
or
4108@mgs.com

3322. AOR1500 help?

Newsgroup: rec.radio.scanner
Date: 1994-05-02 20:29:37 UTC
From: nabarlek@yiffy.tigerden.com
Message-ID: <2q3nrh$1uk@ns.oar.net>
Source record: 274872

I purchased 2 AOR 1500 scanners at the Dayton hamfest this weeked and we seem to have done something bad to it while trying it out - no thanks to the almost useless manual that came with it.

At the moment one of the units is in a state of almost total nonfunction. It kinda looks like it has forgotten its programming or something.

so.. can anyone offer any advice on how we might reset this unit, or otherwise restore it to a functioning state.

Thanks.

Darren Holland.

3323. Re: Maui county/state freq's

Newsgroup: rec.radio.scanner
Date: 1994-05-02 20:43:02 UTC
From: compedge1@aol.com
Message-ID: <2q3okm$c26@search01.news.aol.com>
Source record: 274870

In article <2psmug$f4r@olympus.net>, msaran@pt.olympus.net (Mark Saran) writes:

>>> Hope this will help. If you have any specifics (hotels, etc.) let me
>>> know.
>>> The freq's I pulled are from US Scanner Pubs. Frequency AlmanacC. I
>>> also just got their California edition - it's over 800 pages.
>>> Most comprehensive I've seen.

Mark -

Thanks for the freqs. Can you locate the freqs for the West Maui airport?
It's a small strip near Napilii.

Thanks.

--- David

3324. Anyone dealt with Cellular Sercurity Group?

Newsgroup: rec.radio.scanner
Date: 1994-05-02 20:45:09 UTC
From: habu@inca.gate.net
Message-ID: <2q3ool$20jv@inca.gate.net>
Source record: 274778

I am looking into sending my Pro43 to a company that will restore full 800mhz coverage,there called Cellular Sercurity Group. Has anyone dealt with this company before and what was your opinion of them.

Thanks Mike

3325. Are there any negatives to 800mhz restore?

Newsgroup: rec.radio.scanner
Date: 1994-05-02 20:49:40 UTC
From: habu@inca.gate.net
Message-ID: <2q3p14$12d1@inca.gate.net>
Source record: 274779

I would like to have my 800mhz coverage on my Pro43 fully restored,is there any negative effects to coverage when doing this?

Thanks Mike

3326. Mods for Pro-37

Newsgroup: rec.radio.scanner
Date: 1994-05-02 21:19:27 UTC
From: gkarney@herbie.unl.edu
Message-ID: <2q3qov$n2n@crcnis1.unl.edu>
Source record: 274776

Does anyone have the mod to restore the 800 Mhz band on the Pro-37?
Any help would be appreciated. Thanks in advance.

3327. More BC2500XLT mods?

Newsgroup: rec.radio.scanner
Date: 1994-05-02 21:19:35 UTC
From: vanderby@mprgate.mpr.ca
Message-ID: <1994May2.211935.6780@mprgate.mpr.ca>
Source record: 274775

To enable cellular coverage on the BC2500XLT you move
a single resistor. There are 4 other resistors that can
also be moved to change logic levels going to the CPU.
Does anybody know what the other 4 resitors enable/disable?

Also, looking at the schematic, the unit uses an 8K EEPROM
and 2K of RAM. So why does this unit drain the batteries
when it's off (to keep the RAM alive). Why don't they
store the data in the EEPROM so the batteries don't drain
in 4 days when it's off?

3328. New scanner, AOR-8000?

Newsgroup: rec.radio.scanner
Date: 1994-05-02 21:22:01 UTC
From: warburtn@teaching.physics.ox.ac.uk
Message-ID: <1994May2.212748.19062@inca.comlab.ox.ac.uk>
Source record: 274871

I was reading today in a magazine ("Short Wave", I think. A UK magazine).
That AOR are just about ready to release a new hand-held scanner. It should
have been out by now, but they claim to be having some problems with the
micro-controllers. Apparently there is a world shortage of this particular
MPU, which is used in cellular telephones. I don't quite believe that
story about chip shortages.

Anyway, has anyone else heard anymore about this new hand-held? I believe
it was the AOR-8000, but I could be mis-remembering. It must be out to
try and compete with the Yaesu MVT-7100; so hopefully has AM/SSB/NFM/WFM
etc.

From Richard Warburton.

--

email: <rjw101@tower.york.ac.uk>

3329. where is the MOD FAQ??

Newsgroup: rec.radio.scanner
Date: 1994-05-02 21:40:18 UTC
From: tcarnes@netcom.com
Message-ID: <tcarnesCp72v6.C9o@netcom.com>
Source record: 274777

Hi, Can someone please tell me where the faq for this group is and where
a MOD list is for the pro-43? Thanks alot..

Todd..
--
****
Todd W. Carnes |
tcarnes@netcom.com | "All true wisdom is printed on
Motown Records, Hollywood CA | T-shirts"
****

3330. CR/GTW SIGHTINGS AT SOUTH BEND, IN -- 4/30/94

Newsgroup: rec.radio.scanner
Date: 1994-05-02 21:51:14 UTC
From: P.J.Hinton@nd.edu
Message-ID: <2q3ski$jlf@news.nd.edu>
Source record: 274789

RAILROAD SIGHTINGS AT SOUTH BEND, INDIANA

Date: April 30, 1994
Location: Arnold Street (CR CP437.3 west end of the High Line)
Railroads Observed: Conrail, Grand Trunk Western

DISCLAIMER: Every attempt has been made to keep the accuracy of this
listing as thorough as possible. Please direct any
corrections to Internet address "P.J.Hinton@nd.edu".

7:33 a.m. CR westbound Symbol: ML ???

Locomotives: CR 6103 GE C40-8W
NS 3928 GE ???? (High nose, AGS sublettering)

Consist: auto rack cars from various lines.

7:48 a.m. CR westbound Symbol: unknown

Locomotives: CR 6589 GE C30-7A
CR 6573 GE C30-7A
CR 6774 EMD SD50

Consist: double stacks and TOFCs.

7:56 a.m. CR eastbound Symbol: MAIL 8M (Chicago -> Morrisville)

Locomotives: CR 5051 GE B36-7
CR 3383 EMD GP40-2
CR 5010 GE B36-7

Consist: TOFCs

8:17 a.m. Amtrak westbound Symbol: 29 -- Capitol Limited

Locomotives: ATK 379 EMD F40PH
ATK 356 EMD F40PH

Remark: Spotted Viewliner dining car. Received highball at 8:24 a.m.,
1 hr, 9 min behind schedule.

8:30 a.m. CR westbound Symbol: unknown

Locomotives: CR 6783 EMD SD50
CR 6553 GE C30-7A
CR 6143 GE C40-8W

Consist: TOFCs

8:48 a.m. CR westbound Symbol: SEPR

Locomotives: CR 5006 GE B36-7
CR 1673 EMD GP15-1

Consist: short train of general merchandise

8:55 a.m. GTW westbound Symbol: TV 261

Locomotives: CR 6163 GE C40-8W
CR 5055 GE B36-7
CR 5570 EMD SD60M

Consist: double stacks

9:07 a.m. CR westbound Symbol: ELEJ

Locomotives: CR 5076 GE C40-8
CR 3621 EMD GP40-2

Consist: general merchandise

Fallen Flag Note: RDG hopper 40258

9:18 a.m. CR westbound Symbol: ELBN A0

Locomotives: CR 3390 EMD GP40-2
CR 3360 EMD GP40-2
CR 3307 EMD GP40-2

Consist: general merchandise

9:29 a.m. CR westbound Symbol: ML 441

Locomotives: CR 5535 EMD SD60M
CR 6724 EMD SD50

Consist: auto rack cars from various lines

9:44 a.m. CR westbound Symbol: unknown

Locomotives: CR 5001 GE B36-7
CR 5030 GE B36-7
CR 1936 GE B23-7

Consist: general merchandise

9:55 a.m. CR westbound Symbol: ELPR

Locomotives: CR 5026 GE B36-7
CR 6455 EMD SD40-2

Consist: general merchandise

10:04 a.m. GTW westbound Symbol: 255

Locomotives: GT 6410 EMD GP40-2
GT 6406 EMD GP40-2

Consist: mostly auto racks

Remarks: Engineer notified Bend Tower that 255 had 53 cars.
Delayed over an hour at Arnold St. due to CR
traffic.

10:24 a.m. GTW eastbound Symbol: 394

Locomotives: GT 5702 EMD GP38-2
GT 5816 EMD GP38-2
GT 5729 EMD GP38-2

Consist: general merchandise

Remark: Engineer notified Bend Tower that 394 had 107 cars.

Fallen Flag Note: NP boxcar 97795

10:37 a.m. CR eastbound Symbol: PREL

Locomotives: CNW 6834 EMD SD40-2
CNW 7022 EMD SD50

Consist: general merchandise

10:54 a.m. CR eastbound Symbol: KAEL 0

Locomotive: CR 3004 EMD GP40-2
CR 5058 GE B36-7
CR 6491 EMD SD40-2
CR 5527 EMD SD60M

Consist: general merchandise

Fallen Flag Note: WP boxcar 3738, MILW boxcars 4507, 4597, 4527

11:02 a.m. GTW eastbound Symbol: EMP96

Locomotives: GT 5827 EMD GP38-2
GT 6419 EMD GP40-2
GT 6411 EMD GP40-2
GT 5855 EMD GP38-2

Consist: coal hoppers

11:16 a.m. CR westbound Symbol: N/A

Locomotives: KAEL 0 power (see above)

Consist: power running light

Remark: movement to pick up cars on old Kankakee belt line spur

11:24 a.m. GTW westbound Symbol: 510

Locomotives: GT 5851 EMD GP38-2
GT 5835 EMD GP38-2

Consist: flatcar with boxcar wheels

Remark: local working Oliver's yard

11:31 a.m. CR Westbound Symbol: ELKA 0

Locomotives: CR 5054 GE B36-7
CR 3386 EMD GP40-2

Consist: general merchandise

11:37 a.m. GTW eastbound Symbol: 388

Locomotives: DE 005 EMD SD40-2
GT 5834 EMD GP38-2
GT 5718 EMD GP38-2

Consist: general merchandise

Remark: Engineer informed Bend Tower that 388 had 85 cars.
Train wass delayed 50 minutes at Oliver's yard.

11:40 a.m. Bend Tower tells crew IHEL 0 to remain stopped at Grandview Ave.

11:46 a.m. GTW eastbound Symbol: 510

Locomotives: GT 5835 EMD GP38-2
GT 5851 EMD GP38-2

Consist: travelling light

Remark: 510 is the local 511 working in the reverse direction

11:55 a.m. CR eastbound Symbol: N/A

Locomotives: KAEL 0 power (see above)

Consist: CR switch engine 9520 plus cars stored
on Kankakee belt spur.

12:05 p.m. GTW westbound Symbol: 385

Locomotives: GT 5828 EMD GP38-2
GT 4623 EMD ??? (Geep rebuild)
GT 6415 EMD GP40-2

Consist: general merchandise

Remark: Engineer informed Bend Tower that 385 had 95 cars.
Train was delayed at High Line for 30 minutes.

12:26 p.m. CR westbound Symbol: TV9C (Cleveland -> Chicago)

Locomotives: CR 6639 GE C36-7
CR 7686 EMD GP40-2

3331. Yupi MVT-7100 initial opinions

Newsgroup: rec.radio.scanner
Date: 1994-05-02 21:51:33 UTC
From: horak@convex.com
Message-ID: <horak.767915493@convex.com>
Source record: 274874

First, some background on a few of my other toys so you can be aware of any bias I may have. I own a Pro34, Pro2006, DX-440 and an Alinco DJ560. I am generally pleased with the Yupi. Here are my observations after playing with it for a week.

The scan rate isn't bad at 30 channels per second but it should be faster. Scanners costing less than half as much scan 30 cps. There were lots of accessories with the radio. I like the 12v car adapter and the fact that the radio uses 12v in. The supplied swivel telescoping antenna is a refreshing change from the stock crap that comes with most radios these days (ie. rubber duck). Sensitivity is good on all frequencies I have checked and there seems to be minimal intermod and very little overload. AM radio frequencies on the medium wave 530-1610 band come in good for a radio that has no internal coil; better than I expected. Shortwave freqs come in as good as my DX-440 and I am impressed with the SSB functionality. I've heard people complain about selectivity but I can live with it. I can see where a narrower filter would be a plus. The 50 hz increments are nice in SSB mode. 45-50 MHz comes in better than my Pro34 or Pro2006. The biggest bummer so far is trying to scan the 800MHz trunked freqs since the Yupi has an automatic 2 second delay. With all the programmable stuff on this radio, why didn't they allow selection of the delay time? You have to choose 2 or 4 second delay. The battery save function; for example, allows three different selectable save modes or completely off. The strange thing is that if you go into scan or search mode, the back into manual, the battery save function is permanently off unless you program it back on again. Kind of stupid. If I want it in the save mode, scan for a few seconds and then go back into manual mode on one frequency, why should the battery save go off? Since I mentioned the scan mode, let me mention a similar quirk. If you are scanning a particular bank and hear something you want to stop on, then later decide to resume scanning, just hitting the scan button starts scanning ALL 10 banks. It seems to me that if I was, for example, listening to banks 3 and 4, that I would want to resume the same scan. But, to do it, I have to enter 3-4-SCAN to resume scanning those banks. That can be a hassle while driving, especially at night. The idea of putting the SCAN/MAN buttons on the top of the Pro34 was a great idea and the way the Pro scanners bank scan is better. I like having 1000 channels but only 10 banks is a drawback. I doubt if I'll ever use the mode scan but the PGM scan is a nice feature. The frequency pass is great for birdies and pager freqs and the SPR button allows you to look at the frequencies you have eliminated. I wish there was a similar way to review the memory channels I have passed; something similar to the Pro2006's lock-out review. The programmable attenuator is a great idea

and so is being able to turn the keyboard beep off. The lighted keyboard along with the LCD is very handy at night. The LCD is not easily read at even eye level or from above. It is fine from below. The VFO is nice whereas the Pro scanners have to program a memory to tune a frequency. Also, when programming the Yupi memories, the fact that the memory locations automatically advance for you is nice.

There are several other minor things but these are the observations that stand out in my mind. Again, the 2 second delay really sucks. An otherwise fantastic radio in most respects, this delay *feature* really puts a damper on things. If you ever scan trunked stuff, you'll understand what I am talking about. I have compared the Yupi side by side with my Pro34 on 800MHz trunking just to see what I am missing during those two seconds and it's downright depressing! If anyone knows of a way to defeat this delay, PLEASE let me know.

All in all, I'm happy. Lots of good things in a small package!

David N5OFQ

3332. Re: Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-05-02 23:24:56 UTC
From: bobnox@kbbs.com
Message-ID: <32191UDBTCRJIVIRSXH@kbbs.com>
Source record: 274785

IJ>Let me see... A tactical unit is giving information over the radio. The
IJ>waco with hostages inside is listening to a scanner. I for one wouldn't
IJ>want this person to know what is going on... Most of the time, tactical
IJ>units don't use radios because of this problem, but this puts restraints
IJ>on their work...

I'll tell you another reason...Here in LA, all the news agencies listen
in, and they cause a couple of problems:

1) I have seen on-going Tactical operations on LIVE TV. In some hostage
situations, all a crook has to do is turn a a TV set to get the up to
the minute news, thanks to the news media (Alerted via scanner
transmission).

2) I have seen numerous TV news vans converge on HOT calls before units
get to the location. Not that we'd try to hide anything, but they can
and do get in the way.

3) During a recent Pursuit...the overzealous News vans tried to overtake
the lead Police Units. The CHP had to be called in to stop and ticket
them. Anyways...where do you suppose the News media picked up all the
info to begin with????

* KBBS Bulletin Board *
(818) 886-0872
A local numbers available for all of Los Angeles!
BEVERLY HILLS VAN NUYS ANAHEIM WOODLAND HILLS VENTURA POMONA

3333. New BC220s available now

Newsgroup: rec.radio.scanner
Date: 1994-05-03 01:34:24 UTC
From: philscott@delphi.com
Message-ID: <p6xN8Kg.philscott@delphi.com>
Source record: 274783

The new BC220s are out now-ordered one today...only a few available from
select group of dealers. Ordered mine from The Base Station at
510-685-7388- that was next to last one at $299....The Radio Place at
916-387-0730 said they had one at $319.95. Will post opinions when
receive new one.
Phil in Philadelphia N3KDJ Internet at pscott@wellfleet.com or here

3334. Re: Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-05-03 01:54:44 UTC
From: oliver@pigpen.demon.co.uk
Message-ID: <767955284snx@pigpen.demon.co.uk>
Source record: 274788
Cross-posted to: rec.radio.scanner,alt.law-enforcement

In article <2pnhl7$9bh@agate.berkeley.edu> johnl@uclink.berkeley.edu (John Henry Lechmanik) writes:

> >Here is my two cents if anybody cares. Why should police encrypt their
> >transmissions? What are they trying to hide? Your two bit 7-11 street
> >hood is not using a scanner for his $20 dollar armed robberies. Typically
> >his scanner would cost more than what he gets in a robbery, so logic sort
> >of says if he has a scanner he is not a criminal of the type that police
> >are trying to use for their arguments.
> >Next, I bet if you look at law enforcement statistics concerning scanner
> >assisted crimes they would be nearly ZERO. These stats problably do not
> >even exsist they are so negligable.

> Let me see... A tactical unit is giving information over the radio. The
> waco with hostages inside is listening to a scanner. I for one wouldn't
> want this person to know what is going on... Most of the time, tactical
> units don't use radios because of this problem, but this puts restraints
> on their work...

Can't speak for the US, of course, but use of scanners by criminals is
pretty common over hear and enough of a problem that most Police
Forces either already use encrypted radio signals or are actively
researching it. Scanners are used here by anyone from car thieves
& burglars at one end of the spectrum to drug dealers and
terrorists at the other.

Regards,
Oliver.
--
Oliver Clarke, oliver@pigpen.demon.co.uk (H) 0706 824019
{PGP 2.3 Key Available}
CommUnity, Computer Communicators Association.
community@arkham.demon.co.uk.
Pig Pen BBS, 2:252/150 (Classic Fido), Data 0706 821837

3335. Re: New BC220s available now

Newsgroup: rec.radio.scanner
Date: 1994-05-03 02:16:53 UTC
From: sdougla@bgsu.edu
Message-ID: <sdougla.767931413@bgsuvax>
Source record: 274784

philscott@delphi.com writes:

>The new BC220s are out now-ordered one today...only a few available from
>select group of dealers. Ordered mine from The Base Station at
>510-685-7388- that was next to last one at $299....The Radio Place at
>916-387-0730 said they had one at $319.95. Will post opinions when
>receive new one.
>Phil in Philadelphia N3KDJ Internet at pscott@wellfleet.com or here

Phil,

what are the specs on this radio?

Thanx in advance

----------**********----------
Sean G. Douglas KB8IXP **********Internet: sdougla@andy.bgsu.edu
Physics and Mathematics ******** LandLine: 419 372 6142
SkyWarn Net Volunteer ******
Amateur Radio Emergency Service ***** "Drive wisely near those storms!"
Bowling Green State University **** "Be Landspouty!"
Offenhauer East 1003 *** "Everyone get good pictures!"
Bowling Green, Ohio 43403 ** "NSSL wants your video!"

3336. Re: New scanner, AOR-8000?

Newsgroup: rec.radio.scanner
Date: 1994-05-03 02:36:53 UTC
From: crisp@netcom.com
Message-ID: <crispCp7GLI.38M@netcom.com>
Source record: 274786

In article <1994May2.212748.19062@inca.comlab.ox.ac.uk> warburtn@teaching.physics.ox.ac.uk (Richard J Warburton) writes:

>it was the AOR-8000, but I could be mis-remembering. It must be out to
>try and compete with the Yaesu MVT-7100; so hopefully has AM/SSB/NFM/WFM
^^^^^^^^^^^^^^

Yupiteru?

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3337. Re: Yupi MVT-7100 initial opinions

Newsgroup: rec.radio.scanner
Date: 1994-05-03 02:47:02 UTC
From: crisp@netcom.com
Message-ID: <crispCp7H2E.43p@netcom.com>
Source record: 274790

In article <horak.767915493@convex.com> horak@convex.com (David Horak) writes:
>
>the SCAN/MAN buttons on the top of the Pro34 was a great idea and the
>way the Pro scanners bank scan is better. I like having 1000 channels
>but only 10 banks is a drawback. I doubt if I'll ever use the mode
>scan but the PGM scan is a nice feature. The frequency pass is great

I found myself using the MODE scan for aircraft stuff. I didn't fill
and entire bank with my AM aircraft freqs, and found that the MODE scan
allowed me to scan only them thereby separating the FM from AM freqs
in the bank.

>for birdies and pager freqs and the SPR button allows you to look at

Has anyone noticed birdies on theirs? I haven't really looked by
doing the familiar "remove the antenna and search" trick, so I
was wondering if anyone else has.

>There are several other minor things but these are the observations
>that stand out in my mind. Again, the 2 second delay really sucks. An
>otherwise fantastic radio in most respects, this delay *feature* really
>puts a damper on things. If you ever scan trunked stuff, you'll
>understand what I am talking about. I have compared the Yupi side by
>side with my Pro34 on 800MHz trunking just to see what I am missing
>during those two seconds and it's downright depressing! If anyone
>knows of a way to defeat this delay, PLEASE let me know.

I have no solution for how to defeat the 2sec pause, but do have a
suggestion for a workaround that seems to work OK for me. I just
hold the radio while scanning and hit the up arrow with my thumb
when I want the scan to start again. Alternatively grasping the
tuning know to be ready for a quick twirl will do the same thing.

It a little inconvenient to use thsi way, but it will do better than
waiting for the timer to expire......

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3338. Handheld stand

Newsgroup: rec.radio.scanner
Date: 1994-05-03 03:22:33 UTC
From: bm495@cleveland.Freenet.Edu
Message-ID: <2q4g1p$1pb@usenet.INS.CWRU.Edu>
Source record: 274782
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

I have about 5 handhelds that I use at home and I'm trying to find
an easy way to keep track of them. I noticed an ad from R.S.B.
in Monitoring Times which seems to address my need. Has anyone purchased
one of their handheld stands? Any other suggestions? I'm looking for
something to buy not make, I'm LAZY....

Thanks in advance,
David
--

EMAIL DMOORE@TSO.UC.EDU

3339. McGuire AFB Freqqs?

Newsgroup: rec.radio.scanner
Date: 1994-05-03 03:28:49 UTC
From: bm495@cleveland.Freenet.Edu
Message-ID: <2q4gdh$2eh@usenet.INS.CWRU.Edu>
Source record: 274791

Does anyone have any HF frequencies used at McGuire airforce base
located near Trenton, NJ?
--

EMAIL DMOORE@TSO.UC.EDU

3340. Frequency Lists For Overseas..

Newsgroup: rec.radio.scanner
Date: 1994-05-03 06:02:19 UTC
From: mstone@nyx10.cs.du.edu
Message-ID: <1994May3.060219.2504@mnemosyne.cs.du.edu>
Source record: 274795

Hi I am lookinf for frequencies lists for any overseas country.. well make that any country in the world except for the US & Canada.. If any one has one I would appreciate it you would send it up to me.. Thank you. Oh yeah is there any ftp sites that have frequency listings online that I can get?

Matthew

3341. Re: Anyone dealt with Cellular Sercurity Group?

Newsgroup: rec.radio.scanner
Date: 1994-05-03 08:21:47 UTC
From: boothc@kenyon.edu
Message-ID: <1994May3.032148.11491@kcvax1>
Source record: 274793

habu@inca.gate.net (Michael Fink) writes:
> I am looking into sending my Pro43 to a company that will restore full
> 800mhz coverage,there called Cellular Sercurity Group. Has anyone dealt
> with this company before and what was your opinion of them.
>
> Thanks Mike
>

Along the same line, does anyone know if any of these companies perform
the Memory expansion/light mod that was posted sometime back? I
understand the directions, but don't have the soldering finess. If
it's cheaper, I could even by the parts n' everything and mail it to them
with the directions. I guess in the end, the companies reputation comes
into play because I sure as hell will not send my Pro 43 to some idiot
who's used to removing that tiny little diode with an exacto knife for $40.

Also, how long does the process take? Do they provide rentals?
I don't think to many of us could live too long without our scanners.....
I suffer enough from the only "if I had my 43 with me" syndrome now.

Any comments or experiences would be great.

Please post as I'm sure I'm not the only one......A new Faq ??

--
Carter G. Booth
boothc@kenyon.edu

3342. Re: Where are the Yupis?

Newsgroup: rec.radio.scanner
Date: 1994-05-03 09:37:13 UTC
From: gesman@io.org
Message-ID: <2q5609$k1h@ionews.io.org>
Source record: 274802

In article <crispCp5rrs.I73@netcom.com>,
Richard Crisp <crisp@netcom.com> wrote:
>>If necessary, I can drive to Ontario, Canada to get one. To Canadian users:
>>where is the nearest Yupi dealer from the Detroit-Windsor area? I can't afford
>>to drive a thousand miles, but (if necessary) will drive to Toronto if that's
>>what it takes!
>>
>
>Well just remember that it is not legal to bring one back in according to the
>new law that is now fully operational. I believe the unavoidable outcome
>is that the prices on these ever popular scanners will rise. There was a
>guy that had a few for sale recently on the net..... :-)

Jusy yesterday I called to Radio Lorenz in Montreal and ordered Yupiteru
MVT-7100. (ta-da!) For the same $749 CDN as long time ago. I could of buy it
right here in Toronto, but local prices are somehow higher. Call in Toronto
to Atlantic HAM club: 1-416-636-3636 and compare.

--
Gleb Esman.

3343. Anyone dealt with Cellular Security Group?

Newsgroup: rec.radio.scanner
Date: 1994-05-03 10:42:40 UTC
From: stevem@inca.gate.net
Message-ID: <2q59r0$2aj0@inca.gate.net>
Source record: 274796

I purchased the MAX 146 ground plane from them about 2 years ago.. Used it for scanning for a while until it broke.. I called them and they sent me out another one.. no questions asked. I would be a bit weary about sending such a nice radio away for a mod, even to the most reputable company. Maybe check around for hamfests in your area ... we have people who do mods at the fest right in front of you. Maybe that is your answer. Good luck & 73 de Steve KE4GFF

3344. Re: Cellular Security Group

Newsgroup: rec.radio.scanner
Date: 1994-05-03 11:13:20 UTC
From: mc@northshore.ecosoft.com
Message-ID: <2q5bkg$8j6@northshore.ecosoft.com>
Source record: 274794
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I am personally aquainted with CELLULAR SECURITY GROUP. I can attest that anyone wishing to send a radio for cellular restoration need not worry. The owner and technician is an Extra class amateur with many years of experience. His work bench is clean and well-equiped and he takes great care to do neat and professional work. They did the modification on my Yaesu FT 530 and I am very pleased with them. I live quite close to their facility and have visited it several times. They have a very fast turn-around. I recommend their services without hesitation!

Michael Crestohl KH6KD/W1

3345. Pro-2006 emmits low hum

Newsgroup: rec.radio.scanner
Date: 1994-05-03 12:14:40 UTC
From: dscdlwx@gsusgi2.Gsu.EDU
Message-ID: <2q5f7g$hif@panther.Gsu.EDU>
Source record: 274797

My pro-2006 started emitting a low hum whenever it is plugged in, it isnt annoying until everything else in the room is off, then it seems deafening. Any ideas, I don't know a thing about electronics. It is an older 2006, I think I bought it in July 1990, any help would be appreciated.
Thanks, Franklin

--
<<--------------------------------->> Sometimes we live
<< dscdlwx@gsusgi2.gsu.edu >> No particular way
<<--------------------------------->> but our own!

3346. Pro-38 for sale

Newsgroup: rec.radio.scanner
Date: 1994-05-03 12:24:28 UTC
From: reese@unity.ncsu.edu
Message-ID: <2q5fps$nk3@taco.cc.ncsu.edu>
Source record: 274800

Pro-38 10-channel prog direct entry scanner. Freqs 29-54, 136-174,
406-512 MHz. RS Model 20-139. NO AC adapter. Uses (5) AA's
Works fine as your basic scanner

$50 and I'll ship it to you in the USA.

3347. Re: Pro-43 vs. BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-05-03 12:29:09 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.22.000C7CCC@cornell.edu>
Source record: 274809

>disappointed in the BC2500XLT, I'd be upset that I'd bought the Pro-43. I'd
>look at something other than these two radios. I've always been rather puzzled
>by the rave reviews the Pro-43 keeps getting in this thread; whatever you buy,
>make sure you have as money back guarantee and try it out as soon as you get
>it!

>Michael
>--
>Michael E. Nagel
>Office of Development
I choose the 2500 over the Pro-43 because of features (bells & whistles) and
the range covered. The 43 only does am & nfm. I am happy with my 2500. In
high rf areas I have a 12db attenuator, so no problem.
Carl (EX-Jarhead) Semper Fi

3348. Re: where is the MOD FAQ??

Newsgroup: rec.radio.scanner
Date: 1994-05-03 12:33:08 UTC
From: john@aio.jsc.nasa.gov
Message-ID: <1994May3.123308.9268@aio.jsc.nasa.gov>
Source record: 274799

In article C9o@netcom.com, tcarnes@netcom.com (Todd Carnes) writes:
> Hi, Can someone please tell me where the faq for this group is and where
> a MOD list is for the pro-43? Thanks alot..
>
> Todd..
> --
> **
> Todd W. Carnes |
> tcarnes@netcom.com | "All true wisdom is printed on
> Motown Records, Hollywood CA | T-shirts"
> **
>

Todd:

You can find a wealth of information on modifying all sorts of scanners by
ftp'ing to the following place:

rigel.acs.oakland.edu

Look in pub/hamradio/mods/tandy for mods to the PRO 43!

john@sailsun.jsc.nasa.gov

3349. Citibank and the PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-05-03 12:51:01 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May3.075101.2293@hnrc.tufts.edu>
Source record: 274798

Just got the lifetime warranty registration for my PRO-43 back from Citibank. They extended the warranty to 5 years even though the unit is a portable and so noted on the extended warranty.

3350. Oops! (Was: CR/GTW sightings...)

Newsgroup: rec.radio.scanner
Date: 1994-05-03 13:27:03 UTC
From: phinton@gitaylor.cheg.nd.edu
Message-ID: <2q5jf7$smu@news.nd.edu>
Source record: 274801

In article <2q3ski$jlf@news.nd.edu>, I wrote:

> RAILROAD SIGHTINGS AT SOUTH BEND, INDIANA
>
> Date: April 30, 1994
> Location: Arnold Street (CR CP437.3 west end of the High Line)
> Railroads Observed: Conrail, Grand Trunk Western

I posted this information to the wrong newsgroup. It should've gone to
rec.railroad. Please accept my apologies for the waste of bandwidth.

Regards,

P.J. Hinton
Graduate Student--University of Notre Dame Chemical Engineering Department

INTERNET: P.J.Hinton@nd.edu

3351. Re: Handheld stand

Newsgroup: rec.radio.scanner
Date: 1994-05-03 14:26:14 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-030594062925@earl.llnl.gov>
Source record: 274803

In article <2q4g1p$1pb@usenet.INS.CWRU.Edu>, bm495@cleveland.Freenet.Edu (David Moore) wrote:
>
>
> I have about 5 handhelds that I use at home and I'm trying to find
> an easy way to keep track of them. I noticed an ad from R.S.B.
> in Monitoring Times which seems to address my need. Has anyone purchased
> one of their handheld stands? Any other suggestions? I'm looking for
> something to buy not make, I'm LAZY....

I have used those adjustable plastic display stands from Radio Shack, the ones also used for calculators. Some stores will sell them to you and some won't.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

3352. RS 1000 channel base scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-03 14:28:59 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-030594063219@earl.llnl.gov>
Source record: 274804

Radio Shack now has a 1000 channel base scanner in the works (GRE built and not cellular restorable). Might be out later this year.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

3353. Re: satellites

Newsgroup: rec.radio.scanner
Date: 1994-05-03 14:45:02 UTC
From: crisp@netcom.com
Message-ID: <crispCp8EB3.F7I@netcom.com>
Source record: 274806

In article <dc6_9405030337@blkcat.fidonet.org>
Hans-joergen.Strandby@f239.n109.z1.fidonet.org (Hans-joergen Strandby) writes:
>Is there anyone out there who has had any luck in connecting a
>scanner to a LNB (Low Noise Block converter). And then use the
>scanner to listen to i.e. SCPC signals from satellites. I have
>a ICOM R-100 (0.5 - 1800 MHz) that I am planning to use.
>

The R100 I have works great in this configuration
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3354. Re: Where are the Yupis?

Newsgroup: rec.radio.scanner
Date: 1994-05-03 15:03:12 UTC
From: horak@convex.com
Message-ID: <horak.767977392@convex.com>
Source record: 274805

In <2q5609$k1h@ionews.io.org> gesman@io.org (Gleb Esman) writes:

>Jusy yesterday I called to Radio Lorenz in Montreal and ordered Yupiteru
>MVT-7100. (ta-da!) For the same $749 CDN as long time ago. I could of buy it
>right here in Toronto, but local prices are somehow higher. Call in Toronto
>to Atlantic HAM club: 1-416-636-3636 and compare.

Be sure and let us know if you actually get it or if some customs guy
winds up with it. I know they opened mine up and played with it on
April 25th. Helmut Lorenz assured me that the Apr 26 ban only affects
importation of scanners to distributors, not individuals. I hope for
your sake he's right!

David

3355. Re: ASTRO/SECURENET

Newsgroup: rec.radio.scanner
Date: 1994-05-03 15:30:25 UTC
From: dtay@chevron.com
Message-ID: <16689@lhdsy1.lahabra.chevron.com>
Source record: 274807

In article <2prqto$h3m@sagan.nps.navy.mil> tmnichol@nps.navy.mil (Troy M. Nichols) writes:
>I just got some info from Mototola and have some questions. ASTRO is
>a line / model of radio that comes in both mobile and handheld versions
>correct? One of the featuress of the ASTRO radios is the ability to
>encrypt correct? SECURENET is a different type of encryption and is an
>optional feature for the ASTRO correct? So is it correct to say that
>Motorola has two encryption methods, one built into the ASTRO and one that
>can be bought as an option (SECURNET)?
>
>If these are two different encryption methods (ASTRO/SECURENET) which is
>tougher to break? Or are they the same? Motorola's add claims that
>there are so many possible codes that if you tried 1 million a second, it
>would take 75 million years to get thru them all. Does this number
>seem right? If so, how was it calculated? The add for the ASTRO says
>the radios have an encryption algorithm capacity of 2 algorithms per
>radio and 16 encryption keys per radio. What is this telling me?

I can't find the info on the Astro product line here in my office, but here are the basics as I remember.

The ASTRO is a digital radio that runs a version of TDMA (I think). Being digital, the conversations are already "encrypted" to some extent, similar to the new digital cellular. SECURNET is Motorola's encryption scheme that conforms to DES standards. So, the already digital stream from the ASTRO radio is run through the DES encryption algorithm.

As far as the 16 encryption key capacity of the radios, this feature would allow you to have a different encryption key for each channel in the radio. Thus, even if someone could crack ONE of the channels, the other 15 would still be encrypted.

The first ASTRO radios I played with still had wire wrap jumpers and a noticable delay (almost 1/2 second) on the voice transmission. Now that everything is on the circuit board, the delay is much less noticable and the audio quality is pretty darn good. There is a little degredation running through the SECURENET. However, the analog radios running the SECURENET had similar degredation.

3356. Re: New BC220s available now

Newsgroup: rec.radio.scanner
Date: 1994-05-03 15:41:35 UTC
From: <>
Message-ID: <2q5rbf$9fq@wizard.uark.edu>
Source record: 274808

philscott@delphi.com writes:

>The new BC220s are out now-ordered one today...only a few available from
>select group of dealers. Ordered mine from The Base Station at

With the classic Bearcat sloped front? Really? Or did you get the ## wrong?

Peter Laws <plaws@comp.uark.edu> |>> University of Arkansas <<
n5uwy@ka5bml.#nwar.ar.usa.noam |>> Home of the NCAA Champion Razorbacks <<

3357. Scanning Trunked Systems ??

Newsgroup: rec.radio.scanner
Date: 1994-05-03 15:51:16 UTC
From: hcooper@dax.sim.ES.COM
Message-ID: <2q5rtk$6if@dax.sim.ES.COM>
Source record: 274810

I had a discussion with our city police chief and we were discussing communications (I am the amateur liason for the EOC), and he indicated that they are moving our entire county to a trunked system, as soon as all the cities can afford it (along with the county). So, how does one scan a trunked system? Sometime ago, I saw an article describing trunked systems, but I don't think I saved it - anyone have a copy to email me?

Thanks in advance

-Harrison Cooper

--
Harrison Cooper	email : hcooper@javelin.sim.es.com
SP Hardware Design	Phone : 801-582-5847 ext 3275
Evans & Sutherland Computer Corp.	Radio : N7KST 147.04 R, 145.49 R
Salt Lake City, Utah 84158	Davis County ARES 147.42 S

3358. Last Sat night's propagation

Newsgroup: rec.radio.scanner
Date: 1994-05-03 15:54:33 UTC
From: phybs@mizzou1.missouri.edu
Message-ID: <phybs.101.000FE941@mizzou1.missouri.edu>
Source record: 274819

I remember reading a thread some time back about propagation of signals ca. 30Mhz on up. I have a BC700 with preprogrammed utility freqs and Sat night I was picking up police in 30-40mhz that were from the eastern time zone and speaking with PA accent. Then police (?) from South America. As I tuned further, I picked up something at 30.79. Some guy kept calling out names and addresses in a hurry in Italian, later in Spanish, then Italian again (yes I can tell the difference). That went on from early evening through the whole night.

Can someone remind me how this is happening.

3359. Re: Pro-2006 emmits low hum

Newsgroup: rec.radio.scanner
Date: 1994-05-03 16:07:37 UTC
From: tcarnes@netcom.com
Message-ID: <tcarnesCp8I4q.31G@netcom.com>
Source record: 274811

The Warlick's (dscdlwx@gsusgi2.Gsu.EDU) wrote:
: My pro-2006 started emitting a low hum whenever it is plugged in, it isnt
: annoying until everything else in the room is off, then it seems deafening.
: Any ideas, I don't know a thing about electronics. It is an older 2006, I
: think I bought it in July 1990, any help would be appreciated.
: Thanks, Franklin

Apparently this is very common with this model. I have one and it does
it too. A work around is to use a 12v DC adapter and use it for its
power source. The humming will stop then. Kind of strange but I live
with it.

Todd..

--
****
Todd W. Carnes |
tcarnes@netcom.com | "All true wisdom is printed on
Motown Records, Hollywood CA | T-shirts"
****

3360. For Sale: Pro-2004

Newsgroup: rec.radio.scanner
Date: 1994-05-03 16:14:38 UTC
From: m-ds0054@cs.nyu.edu
Message-ID: <2q5t9e$jjo@slinky.cs.nyu.edu>
Source record: 274746
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hi there,
I beat the deadline and bought myself an Icom R7100. Therefore, I don't need my Pro 2004 any longer. It is in great shape (no bangs in the metal, no big scratches in the plastic), it includes a new telescopic antenna, since I had just replaced the old one via Tandy Parts.
I'll also throw in the recording cable. The manual is a little dirty, though.
I performed the cellular mod, but no other mods. I am the original owner.

Asking $220 OBO. You pay COD/shipping.

-David Schenfeld
davids@shell.portal.com
m-ds0054@cs.nyu.edu

3361. SF Giants/ Candlestick Park Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-05-03 16:26:32 UTC
From: max@netcom.com
Message-ID: <maxCp8J09.91E@netcom.com>
Source record: 274812

Does anybody have freq's for the San Francisco Giants
or Candlestick Park? I'm going to a game this weekend
and would like to listen in if possible.

Thanx in advance,

Michael

3362. Re: Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-05-03 17:56:48 UTC
From: <>
Message-ID: <2q6390$aer@wizard.uark.edu>
Source record: 274813
Cross-posted to: rec.radio.scanner,alt.law-enforcement

nagle@netcom.com (John Nagle) writes:

>nomad@ecst.csuchico.edu (Michael Larish) writes:
>> In some areas, you're correct. There's a small town up here
>>called Paradise which is located at about 2,000 feet elevation in the

<...>

> Paradise has crypto gear? Their department must have too much money.

<stuff about over-important small towns encrypting deleted>

Interesting problem. Cops, IMHO, shouldn't be saying anything on the radio that they wouldn't say in public. The only possible exception that I can think of would be tactical ops. Of course, if you're going to go to all the trouble of encrypting the SWAT boys, then why not do the whole department?

I thought about this in terms of the "post card" argument (Why don't you put all your mail on post cards? You use *envelopes*? What are you hiding?). Certainly that applies to private citizens, but I'm not sure how it applies to a public agency doing the public's work in a public radio spectrum.

We're lucky around here, only the Rogers (Ark) PD uses DVP. The UAPD used to use inversion, but they've stopped. Even the small towns that answer the phone by radio don't bother to encrypt.

Peter Laws <plaws@comp.uark.edu> |>> University of Arkansas <<
n5uwy@ka5bml.#nwar.ar.usa.noam |>> Home of the NCAA Champion Razorbacks <<

3363. Scanner Club meeting

Newsgroup: rec.radio.scanner
Date: 1994-05-03 18:08:03 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <768062481.AA01522@rochgte.fidonet.org>
Source record: 274757

ATTENTION ROCHESTER (NY) AREA SCANNISTS

There appears to be some interest in starting a local scanning club.
Most of the respondees are from the Rochester area, but interested
persons from other counties are still welcome.

You are invited to an informational meeting to be held on

SATURDAY, JUNE 4, 1994 at 13:00 EDT (1pm)

at my house, located at

580 SENECA PARKWAY (downstairs) in ROCHESTER

Directions will be available by telephone and/or electronic mail. Call
me at (716) 254-1726 or email to david.stark@rochgte.fidonet.org if you
need help finding the place.

3364. CONFIG

Newsgroup: rec.radio.scanner
Date: 1994-05-03 18:10:00 UTC
From: mario.campos@nitelog.com
Message-ID: <cb.900.2275.0ND05039@nitelog.com>
Source record: 274816

```
DROP 2275
```

3365. Pro-46 Deep-Sized Already!

Newsgroup: rec.radio.scanner
Date: 1994-05-03 18:28:34 UTC
From: dhughes@prairienet.org
Message-ID: <2q654i$pp8@vixen.cso.uiuc.edu>
Source record: 274814

I see by the latest Radio Shack sales flyer that the Pro-46 handheld
scanner is being CLOSED OUT for $189.95 (from a retail $229.95).
This radio is brand new to the current (1994) catalog. Anybody know why
Radio Shack is giving up on it so soon?
--

3366. SF Bay frequencies of interest

Newsgroup: rec.radio.scanner
Date: 1994-05-03 18:39:43 UTC
From: dramsey@pa.dec.com
Message-ID: <2q65pf$e1@usenet.pa.dec.com>
Source record: 274818

I'm a newbie at scanning, having recently purchased a PRO-43.

Entering the obvious frequencies listed in Police Call 1994 (and stumbling onto a few others) has provided me with much entertainment and information.

I was wondering, however, if I was still missing out on a bunch of stuff. Is anyone out there interested in sharing with me a few of their favorite frequencies that might not be so obviously noticed in Police Call?

Don't want to miss anything, y'know.... :)

Thanks,

--Don

3367. Glossary - Is there one I can get from an FTP site?

Newsgroup: rec.radio.scanner
Date: 1994-05-03 18:41:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <768062495.AA01526@rochgte.fidonet.org>
Source record: 274758

> From: wy1z@bach.coe.neu.edu (Scott Ehrlich)
> Organization: Northeastern University, Boston, MA. 02115, USA

> In any case, the repeater would be 'coordinated' (the FCC has granted

Just a minor point - the FCC does not do coordination. That is handled by
local volunteer bodies.

3368. What about new Pro 51 from Radio Shack?

Newsgroup: rec.radio.scanner
Date: 1994-05-03 18:44:02 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <768062495.AA01527@rochgte.fidonet.org>
Source record: 274759

> From: compedge1@aol.com (CompEdge1)
> Organization: America Online, Inc. (1-800-827-6364)

> pretty good review of the Pro-51, though I haven't quite decided to
> upgrade from my Pro-43 yet.

The PRO-51 is not an upgrade from or a replacement for the PRO-43. So far, Radio Shack has not released a direct replacement for the PRO-43, which would have to include coverage between 220 and 400 MHz.

Email replies to: david.stark@rochgte.fidonet.org

3369. Re: Pro-2006 emmits low hum

Newsgroup: rec.radio.scanner
Date: 1994-05-03 19:21:22 UTC
From: mike@hermes.louisville.edu
Message-ID: <2q687i$m20@hermes.louisville.edu>
Source record: 274821

tcarnes@netcom.com (Todd Carnes) writes:

[Common problem description deleted]

>Apparently this is very common with this model. I have one and it does
>it too. A work around is to use a 12v DC adapter and use it for its
>power source. The humming will stop then. Kind of strange but I live
>with it.

Ditto. I have the same problem with mine. Scared me at first but it
does not seem to affect the performance at all.

Mike

--
Michael Harpe, Communications Analyst III Information Technology
Internet: mike@hermes.louisville.edu University of Louisville
(502) 852-5542 (Voice) (502) 852-1400 (FAX) Louisville, Ky. 40292
"He's not a man, he's a remorseless eating machine!" - The Simpsons

3370. Re: Friend wants to get Blue Angel's channel 18 freq.

Newsgroup: rec.radio.scanner
Date: 1994-05-03 19:51:59 UTC
From: horak@convex.com
Message-ID: <horak.767994719@convex.com>
Source record: 274817

In <1MAY199413125468@alpha.sunquest.com> krl@alpha.sunquest.com (ken r. lauver) writes:

>My friend really wants to get the freq for channel 18. He said he
>heard them say to switch to channel 18 at the El Torro (sp?) show
>and could not catch them after that. He said they switched to it
>after discussing a radio problem they were having.

>If anyone knows it and can send to krl@alpha.sunquest.com my friend
>would be very appreciative.

According to the 8th edition "Registry of US Govt. Freqs" by Tom Kneitel,

The Blue Angels are.....
121.9, 123.4, 134.1, 141.56, 142, 142.025/142.65, 143, 143.6, 241.4, 250.8,
251.6, 275.35, 307.7, 360.4, 384.4, 391.9, 395.9.

The Thunderbirds are.....
66.9, 114.95, 120.45, 123.4, 124.935, 140, 140.4, 141.85, 235.25, 236.55,
236.6, 250.85, 273.5, 283.5, 295.7, 322, 322.6, 382.9, 394.
Thunderbird ground crew....
413.025, 413.075, 413.1, 413.15, 413.275, 413.35, 413.4.

Most air comms should be AM while ground crews are most likely FM.
Although no ground crew was listed for the Blue Angels, check out the
140 MHz stuff for that. Also, the 142.025/142.65 is likely a repeater
output/input.

David

3371. Re: Yupiteu 7100 - AM Broadcast reception

Newsgroup: rec.radio.scanner
Date: 1994-05-03 20:58:17 UTC
From: sethkc@well.sf.ca.us
Message-ID: <2q6dt9$57i@nkosi.well.com>
Source record: 274820

In article <66534@sdcc12.ucsd.edu>,
Hi..Guess Who? <rveniega@sdcc13.ucsd.edu> wrote:
>In article <horak.767474976@convex.com> horak@convex.com (David Horak) writes:
>!In <9404271831.AA0208@BUBBA1.ftw.bnr.com> BGK@BUBBA1.ftw.bnr.com writes:
>!
>!>I have had some trouble in receiving AM broadcast channels. Channel 820 AM - a
>!>strong local radio station will come in sometimes, but more often than not
>!>seems to be dead on the MVT7100. The channel is clear through my car radio.
>!
I find that a good ground (or pseudo ground...) helps a lot. In any case,
a long wire or significantly loaded shorter antenna will help. The mvt-7100
doesn't have a tremendous amount of dynamic range (RF dynamic range) below
5 or so MHz, such that with a good antenna and ground I often get strange
beeping sounds and other stuff from utility SW bands in the AM broadcast
band.

The pseduo ground I mentioned occurs simply by using a transformer coupled
power supply. I can pick up 780KHz from Chicago here in Kansas City on
good days & nights with a power supply, not without.

In any case, the coolest receiver I've ever seen.

Seth

--
"Back off man!" - Ren Hoek "Bite me! It's fun." - Crow T. Robot
sethkc@well.sf.ca.us || seth@nellcor.com From Totoville, USA

3372. Re: Yupi MVT-7100 initial opinions

Newsgroup: rec.radio.scanner
Date: 1994-05-03 21:23:08 UTC
From: john@sound.demon.co.uk
Message-ID: <768025388snx@sound.demon.co.uk>
Source record: 274732

In article <horak.767915493@convex.com> horak@convex.com (David Horak) writes:
>
>First, some background on a few of my other toys so you can be aware of
>any bias I may have. I own a Pro34, Pro2006, DX-440 and an Alinco
>DJ560. I am generally pleased with the Yupi. Here are my observations
>after playing with it for a week.
>
>[main text deleted]
>
>All in all, I'm happy. Lots of good things in a small package!

I've had a Pro2006 for a few years and have bought a Yupi '7100.
I agree that it's a great set but the feature that a miss the
most is the 'Sound Squelch'. There are loads of blank carriers
around here in England which only contain speech now and again.
The Yupi stops on EVERY ONE, whereas the Pro2006 just sails past!

/-----------------------------------\
| John Allsopp |
| |
| Peterborough / UK |
| |
| Internet : John@Sound.Demon.Co.UK |
\-----------------------------------/

3373. Re: Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-05-03 21:46:12 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2q6gn4$rqi@umcc.umcc.umich.edu>
Source record: 274727
Cross-posted to: rec.radio.scanner,alt.law-enforcement

In article <2q6390$aer@wizard.uark.edu>,
Peter Laws <plaws@comp..uark.edu> wrote:
>
>
>Interesting problem. Cops, IMHO, shouldn't be saying anything on the
>radio that they wouldn't say in public. The only possible exception that
>I can think of would be tactical ops. Of course, if you're going to go to
>all the trouble of encrypting the SWAT boys, then why not do the whole
>department?

Non-secure radio IS 'saying it in public.'

"Adam 12, heard over to 1500 N. Leverette, apartment 106. A Peter
Laws, in apartment 107 reports hearing a loud domestic --possibly
physical-- taking place..."

Or a traffic stop: "Unit 12, Peter C. Laws, 1500 N. Leverette #
107, DOB 21 August 1963 comes back clear, but with an extensive driving
record, including...."

Somehow, I don't think YOU would like to hear that being said "in
public," Peter. B

>I thought about this in terms of the "post card" argument (Why don't you
>put all your mail on post cards? You use *envelopes*? What are you
>hiding?). Certainly that applies to private citizens, but I'm not sure
>how it applies to a public agency doing the public's work in a public
>radio spectrum.

I am. Protecting the public involves efforts to protect the integrity
of sensitive law enforcement operations as well as restricted info
(criminal histories) or information generally deemed to be private.

>We're lucky around here, only the Rogers (Ark) PD uses DVP. The UAPD used
>to use inversion, but they've stopped. Even the small towns that answer
>the phone by radio don't bother to encrypt.

OK, smart criminals & scanner freaks are lucky in your community, but
both should stay out of Rogers.

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to

48197 hop my way across the Information Superhighway"

3374. Re: Why are Scanners Modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-05-03 21:58:09 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.768002289@constellation.ecn.purdue.edu>
Source record: 274822

David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:

> > From: savage@viper.rtp.dg.com (Ed Savage)
> > Organization: Unix Software Development, Data General Corp., RTP, NC

> > Remember too, no one appears to have been prosecuted for ever
> > listening to cellular, ECPA law or not. I really don't think
> > the Feds would care at all about someone building their own
> > equipment, indeed, how would anyone ever know about it
> > anyway?

> > Ahhh, I wish that was the case... Some people here in NC were
> > recently
> > involved in "scanner-gate" in where they tape recorded some cellular
> > phone conversations with a person running for governor. The were
> > indicted and slapped with fines...

> Don't you see the difference? They didn't just privately listen in their
>own homes for their own entertainment. They collected and distributed
>evidence of their own ECPA violations.
> Email replies to: david.stark@rochgte.fidonet.org

And what makes the ECPA and Scanner Ban laws all so much more
stupid is the fact that Sec. 605 of the Communications Act of 1934
already prohibited the divulgence of any communication save for those
of amateurs, broadcasts and ships (and planes) in distress. There was NO
need for a new law(s).

Get hold of your congresscritter and invite him to get involved
with the repeat of BOTH the ECPA and the Scanner Ban laws. If he won't,
vote against him and urge everyone else in your district to do so as well!

Duane

3375. Re: CONFIG

Newsgroup: rec.radio.scanner
Date: 1994-05-03 22:58:56 UTC
From: schuster@panix.com
Message-ID: <2q6kvg$8mm@panix2.panix.com>
Source record: 274823

In article <cb.5833.2110.0ND05038@nitelog.com>,
Mario Campos <mario.campos@nitelog.com> wrote:
>DROP 2110

Sure thing. Right away.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3376. RatShack Pro46 On Sale

Newsgroup: rec.radio.scanner
Date: 1994-05-03 23:46:51 UTC
From: veith@cherokee.nsuok.edu
Message-ID: <1994May3.234651.11457@cherokee.nsuok.edu>
Source record: 274824

My new Radio Shack sales flyer lists the Pro46 handheld scanner on sale for $189.95, down from $229.95.

Any comments on the quality of this scanner? Is there an easy restoration of cellular freq's? I checked out ftp at oak.oakland.edu and didn't see anything. They did have a number of mods for the 2006 which I just bought (luv it!).

Charles veith@cherokee.nsuok.edu KG5TV @ WB5AOH

3377. Re: SF Bay frequencies of interest

Newsgroup: rec.radio.scanner
Date: 1994-05-04 00:21:05 UTC
From: strech1@aol.com
Message-ID: <2q6pph$agc@search01.news.aol.com>
Source record: 274730

In article <2q65pf$e1@usenet.pa.dec.com>, dramsey@pa.dec.com (Don Ramsey) writes: SF Bay Frequencies of interest

Here's a small file of Bay Area Frequencies that I found in my collection..

FREQUENCIES FOR THE SAN FRANCISCO BAY AREA

Bank 1 - Local
155.9550 Alameda Co. Sheriff's Search & Rescue (also Animal Control)
488.5875 Alameda PD - Ch. 1
488.3375 Alameda PD - Ch. 2
154.1300 Alameda FD
489.0625 Alameda Local Gov't
42.1200 California Highway Patrol ("Gold" Base) Oakland Units
42.2000 CHP ("Gold" Mobile) Oakland Units
42.4200 CHP ("Tan" Base) Hayward Units
42.8400 CHP ("Tan" Mobile) Hayward Units
155.2500 Alameda Co. Sheriff - Ch. 1 (Yellow, Valley area)
154.6500 ACSO - Ch. 2 (Black, Bay area)
155.0700 ACSO - Ch. 3 (Green) Car to car
155.1300 ACSO - Ch. 4 (Purple) Tactical
154.9200 ACSO - Ch. 5 (CLEMARS) Calif. Law Enforce. Mut. Aid Radio Sys.
154.0700 Alameda Co. FD (Bay)
154.2350 ALCO FD (Valley)
151.4450 Calif. Div. of Forestry FD (Repeater)
44.7600 East Bay Regional Park Police

Bank 2 - San Francisco
460.2250 Police Instantaneous Communications 1/12 (12 is not repeated)
460.1250 PIC 2
460.5000 PIC 3/11 (11 is not repeated)
460.0750 PIC 4
460.4500 PIC 5
460.3500 PIC 6
460.5250 PIC 7 (Used for undercover drug buys, escort details, etc.)
460.5500 PIC 8
460.0250 PIC 9 (R), 10 (SIMPLEX)
45.1000 Low band 1
45.1400 Low band 2
45.5800 Low band 3
45.4600 Low band 4
488.3625 SFFD Control 1
462.9500 SF City & Co. Ambulance
42.4400 CHP ("Pink" Base) SF
42.7600 CHP ("Pink" Mobile) SF

453.8500 Bay Area bridges (SF Bay, San Mateo, used by tow trucks)

Bank 3 - Peninsula
488.3125 San Mateo PD
153.9500 San Mateo FD
488.9375 Foster City PD/ Daly City PD
488.4625 So. SF PD/ Colma PD
489.0875 Atherton PD/ Burlingame PD
488.4875 Belmont PD/ San Carlos PD
488.3875 Brisbane PD/ Half Moon Bay PD/ East Palo Alto PD
488.3375 Hillsborough PD
488.7875 Millbrae PD/ San Bruno PD/ Redwood City PD
488.7375 Pacifica PD
488.9875 San Mateo Co. Sheriff's Office Ch. 1
488.8875 SMCSO 3 (Mutual Aid)
488.8625 SMCSO 4 (Tac 1/No. Co.)
488.7125 SMCSO 5 (Tac 2/Central Co.)
488.5375 SMCSO 6 (Tac 3/So. Co.)
482.3125 San Mateo Co. Paramedics "Red" Channel
42.0800 CHP ("Silver" Base) Redwood City
42.2800 CHP ("Silver" Mobile) Redwood City

Bank 4 - East Bay
156.0900 Oakland PD - Ch. 1
155.7900 Oakland PD - Ch. 2
155.8500 Oakland PD - Ch. 3
154.9200 Oakland PD - Ch. 4 (CLEMARS)
158.7300 Oakland PD - Ch. 5 (Used for stakeouts and surveillance)
153.7850 Oakland FD - Ch. 1
154.3550 Oakland FD - Ch. 2
154.8000 San Leandro PD - Ch. 1
154.9650 San Leandro PD - Ch. 2
460.1750 Berkeley PD - Ch. 1
460.2500 Berkeley PD - Ch. 2
154.1900 Berkeley FD
453.4500 Emeryville PD
483.1125 Hayward PD - Ch. 1
482.6625 Hayward PD - Ch. 2
460.6000 Hayward FD
155.6100 Piedmont PD

Bank 5 - Air
121.1000 Oakland Airport Clearance/Delivery
127.2000 Oakland Airport Tower (Commercial flights)
121.7500 Oakland Ground
453.9000 Oakland Operations (Airport Police use this also)
128.5000 Oakland recorded weather information
127.0500 Alameda Naval Air Station Tower
133.7000 Oakland Center
125.4500 Oakland Center
133.9500 Bay Approach/Departure

135.6500 Bay Approach/Departure
120.5000 San Francisco Tower (Commercial flights)
121.8000 San Francisco Ground
453.3750 SF Airport PD
453.2000 SF Airport Operations
453.7750 SF Airport FD

Miscellaneous
165.2375 US Customs - Ch. 1
166.4375 US Customs - Ch. 2
166.4625 US Customs - Ch. 3
418.7500 Drug Enforcement Administration
418.9000 DEA
414.7500 US Postal Service Inspectors
165.7875 US Secret Service "Bravo"
165.3750 US Secret Service "Charlie"
167.0250 US Secret Service "November"
166.5125 US Secret Service "Sierra"
154.9050 CHP "Extenders"
163.1500 US Park Police (Golden Gate National Recreation Area)
hmmm. only difference is that Oakland PD has moved to the 800 band. I used to monitor them when the traffic in the Monterey area was slow.
David
BASE Club

3378. Marine frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-04 01:06:58 UTC
From: parv@kimbark.uchicago.edu
Message-ID: <1994May4.010658.1396@midway.uchicago.edu>
Source record: 274725

Could someone forward me a list of what VHF frequencies correspond to standard marine frequencies (eg 1-60, although the weird ones would also be appreciated)?

Thanks,

Dave

3379. Re: Antenna for Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-05-04 01:21:52 UTC
From: Rich Payne <rpayne@ccgate.hac.com>
Message-ID: <2q6tgi$498@hacgate2.hac.com>
Source record: 274726

In article <5aFkLc1w165w@rangr.stat.com>, <adam@rangr.stat.com> writes:

<assorted info deleted>

> for you.The only drawback to the RS discone is its not much use below
> 100 MHZ. because it has no low band element on top.

What would one have to do to add the low band element on top?

Is there a verticle element one could order from somewhere pre-fab'd if one
already has the discone???

Rich Payne
rpayne@ccgate.hac.com

*** STANDARD DISCLAIMERS APPLY ***

3380. Wanted: Las Vegas Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-04 02:14:20 UTC
From: jwh@kaiwan.com
Message-ID: <2q70ds$gmo@kaiwan.kaiwan.com>
Source record: 274728
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I'm looking for any frequencies for the casinos, police, etc.. (or
anything interesting) for the Las Vegas, Nevada area.

If possible, please use email.

--

[John W Herndon : One Stop Tech Shop BBS (310) 421-6766 / USR 14.4K DS]
[<jwh@kaiwan.com> : Ham Radio / SWL / Scanners / Computer Aided Design]

3381. Re: Scanning Trunked Systems ??

Newsgroup: rec.radio.scanner
Date: 1994-05-04 02:23:36 UTC
From: copeland@metronet.com
Message-ID: <Cp9AnD.7zo@metronet.com>
Source record: 274733

In article <2q5rtk$6if@dax.sim.es.com>,
Harrison Cooper <hcooper@dax.sim.ES.COM> wrote:
>I had a discussion with our city police chief and we were discussing
>communications (I am the amateur liason for the EOC), and he indicated
>that they are moving our entire county to a trunked system, as soon as all
>the cities can afford it (along with the county). So, how does one scan a
>trunked system? Sometime ago, I saw an article describing trunked systems,
>but I don't think I saved it - anyone have a copy to email me?

Its not to hard. But it does hog an entire bank per police department.
Just enter all the trunked frequencies into the bank with no delays.
Set to scan just that bank. As soon as they dekey/rekey you'll zip
right to the active channel.

If its a large city that is very active with many dispatchers, it will
be more difficult. You'll just have to hit the scan key often in order
to catch a particular conversation. If there is only one dispatcher its
a piece of cake.

--

| copeland@metronet.com |

3382. Re: Pro-46 Deep-Sixed Already!

Newsgroup: rec.radio.scanner
Date: 1994-05-04 02:26:00 UTC
From: copeland@metronet.com
Message-ID: <Cp9ArD.8AL@metronet.com>
Source record: 274734

In article <2q654i$pp8@vixen.cso.uiuc.edu>,
Dan Hughes <dhughes@prairienet.org> wrote:
>I see by the latest Radio Shack sales flyer that the Pro-46 handheld
>scanner is being CLOSED OUT for $189.95 (from a retail $229.95).
>This radio is brand new to the current (1994) catalog. Anybody know why
>Radio Shack is giving up on it so soon?

Probably because of the new facelift (new PRO-51 and one other model).

--

| copeland@metronet.com |

3383. Pro-46 Deep-Sized Already!

Newsgroup: rec.radio.scanner
Date: 1994-05-04 02:37:58 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2dc80bb6@f747.n115.z1.fidonet.org>
Source record: 274729

dh> I see by the latest Radio Shack sales flyer that the Pro-46 handheld
dh> scanner is being CLOSED OUT for $189.95 (from a retail $229.95).
dh> This radio is brand new to the current (1994) catalog. Anybody know
dh> why Radio Shack is giving up on it so soon?

Dan...

It is a unit manufactured by Uniden. Uniden is discontinuing the
manufacture of units capable of modification to receive cellular, per
federal law. Probably won't have enough on hand for the 1995 catalog.

Speculating...

Jerry

3384. Doubts

Newsgroup: rec.radio.scanner
Date: 1994-05-04 02:50:56 UTC
From: bo4373ch@meteor.uscolo.edu
Message-ID: <9405040250.AA13507@meteor.uscolo.edu>
Source record: 274731
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I can't decide between a RS PRO-43 or a PRO-2006. As I'm new to this scanning business, I would like opinions regarding the advantages and disadfv disadvantages of a portable scanner compared to a base one. I live in a very big cit big city (Sao Paulo, Brasil) it's like New York. Could I still use a hand deld handheld scanner with no trouble ?

Thanks for comments...

E-mail : bo4373ch@meteor.uscolo.edu

3385. Re: Doubts

Newsgroup: rec.radio.scanner
Date: 1994-05-04 04:21:40 UTC
From: msaran@pt.olympus.net
Message-ID: <2q77sk$c2j@olympus.net>
Source record: 274740
Cross-posted to: alt.radio.scanner,rec.radio.scanner

If you enjoy scanning buy both (if you can). You will love the 2006 in
the city, as it has much less intermod than the 43. The tone is great and
if you ever decide the 2006 can be run from a PC. The down side is that
you can't take it with you (very easily) so you really need a HH for the road.
Good luck.

-m
--
Mark Saran
msaran@pt.olympus.net

3386. Re: Handheld stand

Newsgroup: rec.radio.scanner
Date: 1994-05-04 04:21:45 UTC
From: imer400@hyrax.iupui.edu
Message-ID: <imer400.41.2DC722D8@hyrax.iupui.edu>
Source record: 274742
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

In article <2q4g1p$1pb@usenet.INS.CWRU.Edu> bm495@cleveland.Freenet.Edu (David Moore) writes:
>Subject: Handheld stand
>From: bm495@cleveland.Freenet.Edu (David Moore)
>Date: 3 May 1994 03:22:33 GMT

>I have about 5 handhelds that I use at home and I'm trying to find
>an easy way to keep track of them. I noticed an ad from R.S.B.
>in Monitoring Times which seems to address my need. Has anyone purchased
>one of their handheld stands? Any other suggestions? I'm looking for
>something to buy not make, I'm LAZY....

I would suggest the following:

The Lanz Company
3523 Dayton Avenue
Louisville, KY 40207

I use one for my handheld and I find it very stable.

Martha Rapp, N9PVD
imer400@hyrax.iupui.edu

3387. Re: scanner better than TV for disasters!

Newsgroup: rec.radio.scanner
Date: 1994-05-04 04:23:04 UTC
From: talon@merlin.etsu.edu
Message-ID: <1994May4.042304.10894@ra.oc.com>
Source record: 274735

All,

The moderator that night (we call it Net Control) is AA5QX, Jim Lawyer. Jim has got to be one of the best there is. That night was extremely nasty. I was spotting north of the Lancaster area (Farmers Branch to be specific) and I had friends south of there in Ellis County. It was not fun spotting at night.

With regards to the news delay, my parents and sister learned about the delay in the Wylie-Mother's Day tornado. The TV stations a catching up, though. Ron Jackson, N5OJT, is a local weatherman and makes frequent appearances on our RACES nets during bad weather.

Be careful out there!

David Fox
KB5ULK
Dallas County RACES

3388. Re: Pro-46 Deep-Sixed Already!

Newsgroup: rec.radio.scanner
Date: 1994-05-04 04:53:42 UTC
From: jenkins@ucrvms.ucr.edu
Message-ID: <2q79om$6an@galaxy.ucr.edu>
Source record: 274739

The big problem (from the FCC point of view) is that is can't be made
with celular locked out, it picks up cell intermod out of the box. There
is a cell mod available for the radio, it get posted here from time to time.

3389. Re: RatShack Pro46 On Sale

Newsgroup: rec.radio.scanner
Date: 1994-05-04 05:00:54 UTC
From: henniger@crl.com
Message-ID: <2q7a66$jra@crl.crl.com>
Source record: 274737

veith@cherokee.nsuok.edu (Charles Veith) writes:

>My new Radio Shack sales flyer lists the Pro46 handheld
>scanner on sale for $189.95, down from $229.95.

>Any comments on the quality of this scanner? Is there
>an easy restoration of cellular freq's? I checked out
>ftp at oak.oakland.edu and didn't see anything. They
>did have a number of mods for the 2006 which I just
>bought (luv it!).

>Charles veith@cherokee.nsuok.edu KG5TV @ WB5AOH

restoration is relatively hard. surface mount diodes.
Since its not triple heterodyne, it really picks up alot of stuff
on other frequencies. A pro 43 is easily worth twice the price.

Mick

3390. Re: AT&T AIR FONE SYSTEM

Newsgroup: rec.radio.scanner
Date: 1994-05-04 05:39:31 UTC
From: Kevin Garrett <kgarrett@netcom.com>
Message-ID: <netnewsCp9Jpv.Bp@netcom.com>
Source record: 274741
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <2ph0un$l7a@gagme.wwa.com> George Thurman, gst@gagme.wwa.com writes:
>I do not fly very often, so I could not help but notice the the
>telephones that were mounted in back of the seats on the airliner
>I was in this week as I went on vacation.

****
Listening In to Air-Ground Phone Communications
****

Some people in our hobby find that listening to 800 mhz cellular communications is interesting. Those who do, might find that some real inside, juicy stuff could be found being broadcast from the private jets carrying entertainment industry executives, business leaders, and goverment officials across this great land of ours.

The frequency assignments are as follows:
Chanl Ground Plane
1 454.950 459.950
2 454.900 459.900
3 454.850 459.850
4 454.800 459.800
5 454.750 459.750
6 454.700 459.700
7 454.725 459.725
8 454.775 459.775
9 454.825 459.825
10 454.875 459.875
11 454.925 459.925
12 454.975 459.975
CALL 454.675 459.675

The Ground stations broadcast an annoying tone when not in use. The Planes broadcast in simplex only, while the Ground station broadcast duplex similar to cordless phone base/handset operation. The easiest way to monitor this service is to load first a Plane frequency then a Ground frequency for each channel. After loading all the channels go back and lock out all of the Ground frequencies. Scan the Plane frequencies for simplex transmissions and when you get a hit, press your manual key to jump to the next frequency... the locked out ground frequency broadcasting in duplex! Leges.

Please keep in mind that the services provided on these frequencies are Common Carrier and perhaps subject to the same laws covering the monitoring of Cellular Phones. In which case it is a violation of federal

law to listen to these frequencies.

Prepared by EQKimball
****

Hope this helps.

-Kevin

3391. Re: New Computer Control for the new 2006!

Newsgroup: rec.radio.scanner
Date: 1994-05-04 06:24:58 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994May4.012458.1@uoft02.utoledo.edu>
Source record: 274738
Cross-posted to: rec.radio.scanner,alt.radio.scanner

For those who are interested:

Optolectronics had the introductory price for the '456 board' at $299. They had some at the show and sold out. One of the guys in Toledo got one, but had to send it back, as it didn't fit right into the 2006. BTW: It hasn't been officially released to the public by Opto, they were just showing it off for future release. If I hear anymore about it, I'll be sure to post it!

Later...

--
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

3392. Re: Pro-2006 emmits low hum

Newsgroup: rec.radio.scanner
Date: 1994-05-04 08:36:29 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.181.00089BF2@ccm.hf.intel.com>
Source record: 274752

In article <2q5f7g$hif@panther.Gsu.EDU> dscdlwx@gsusgi2.Gsu.EDU (The Warlick's) writes:

>My pro-2006 started emitting a low hum whenever it is plugged in, it isnt
>annoying until everything else in the room is off, then it seems deafening.
>Any ideas, I don't know a thing about electronics. It is an older 2006, I
>think I bought it in July 1990, any help would be appreciated.
>Thanks, Franklin

This hum is caused by the step-down transformer in most cases. My 2005 hums
also. I finally started using a 12v supply left over from another scanner.
Now it is totally quiet - and there is almost no internal heat generated,
which will make the scanner last longer.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3393. Scanning Trunked Systems ?

Newsgroup: rec.radio.scanner
Date: 1994-05-04 08:36:55 UTC
From: stevem@inca.gate.net
Message-ID: <2q7mr7$nph@inca.gate.net>
Source record: 274747

To scan a trunked system, you need all channels in the system (5 or more). Program all of these channels into your scanner and turn the delay feature off if it's not already off (for every frequency in the system). You'll hear at least one control channel, which sends data to all radios. Lock this frequency out. Most systems change data channel frequencies daily, so you'll need to unlock that frequency and lock out the other.. Just make sure you've unlocked the old frequency, as you'll eventually find most of the frequencies locked out... Also set your scan to only scan the frequencies in the trunked system (put it in a bank and scan only that bank) so you can get replies faster. That's probably the best advice I can give.. 73 de STEVE KE4GFF

3394. Re: CAR ALARM freq's

Newsgroup: rec.radio.scanner
Date: 1994-05-04 08:52:06 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.185.0008DE91@ccm.hf.intel.com>
Source record: 274755

In article <NORTON.94Apr26154006@joker.optics.rochester.edu>
norton@joker.optics.rochester.edu (Scott Norton) writes:

> A friend of mine just came to me and asked me about those little
>car alarm controllers. He said that a woman was also turning her car
>alarm off next to his car and it turned his off too! He asked me what
>kind of emmission those "key chain car alarm controllers" use. I
>guessed that they're around 46MHz, but Im not sure. Anybody know any
>details? I would appreciate any info. Could you also email to me at
>norton@optics.rochester.edu
> Thanks!

They are somewhere in the upper 200MHz to lower 300MHz range. Same as many
newer garage door openers. They emit a quick burst of data. I can pick up my
door opener on my 2500xlt around 270 Mhz (in that range).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3395. Re: Hong Kong scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-04 09:01:30 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.186.000906B8@ccm.hf.intel.com>
Source record: 274756

In article <768048917snz@virtcity.demon.co.uk> hcorn@virtcity.demon.co.uk (Peter Sommer) writes:

>Any information on bandplans, sources of discrete frequency data
>would be most welcome.

The only english traffic I found was Kai Tac airport and the cellular band. The police seem to be around 450Mhz, but I couldn't tell for sure (I don't speak the language). I could probably locate my search log of aircraft freqs if you are interested (I was there for 6 months).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3396. Re: RatShack Pro46 On Sale

Newsgroup: rec.radio.scanner
Date: 1994-05-04 09:20:28 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.26.000957A9@cornell.edu>
Source record: 274749

>>My new Radio Shack sales flyer lists the Pro46 handheld
>>scanner on sale for $189.95, down from $229.95.

>>Any comments on the quality of this scanner? Is there
>>an easy restoration of cellular freq's? I checked out
>>ftp at oak.oakland.edu and didn't see anything. They
>>did have a number of mods for the 2006 which I just
>>bought (luv it!).

>>Charles veith@cherokee.nsuok.edu KG5TV @ WB5AOH

>restoration is relatively hard. surface mount diodes.
>Since its not triple heterodyne, it really picks up alot of stuff
>on other frequencies. A pro 43 is easily worth twice the price.

>Mick

A bc 2500 is even better!
Carl

3397. Hong Kong scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-04 10:55:17 UTC
From: hcorn@virtcity.demon.co.uk
Message-ID: <768048917snz@virtcity.demon.co.uk>
Source record: 274745

Any information on bandplans, sources of discrete frequency data
would be most welcome.

TIA
--
Other e-mail: hcorn@cix.compulink.co.uk CompusServe: 100012,2610

3398. Singapore scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-04 10:56:27 UTC
From: hcorn@virtcity.demon.co.uk
Message-ID: <768048987snz@virtcity.demon.co.uk>
Source record: 274744

Any information on scanning in Singapore - legality, band plans,
discrete frequencies, etc would be most welcome.

TIA

Other e-mail: hcorn@cix.compulink.co.uk CompusServe: 100012,2610

3399. Re: Marine frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-04 10:58:00 UTC
From: mulligan@ACM.ORG
Message-ID: <2q7v3o$753@hopper.acm.org>
Source record: 274743

> ... a list of ... standard marine frequencies

From the FAF - Frequently Asked Frequencies
(available on oak.oakland.edu::/pub/hamradio/docs/misc)

Marine VHF

Ch Ship Ch Ship

60 156.025
1 156.050 61 156.075
2 156.100 62 156.125
3 156.150 63 156.175
4 156.200 64 156.225
.. ..
25 157.250 85 157.275
26 157.300 86 157.325
27 157.350 87 157.375
28 157.400 88 157.425

Shore stations are 4.600 MHz above the ship frequency. In U.S.
waters the shore frequency may be used on Chs 20, 24-28 & 84-87.
Chs 1-5 & 60-64 are shared with other services. Chs 75 & 76 are
reserved as guard bands for ch 16.
Specific assignments include:
06 156.300 Intership Safety
13 156.650 Weather, notices, etc
16 156.800 General Calling
22 157.100 Coast Guard Liaison

On-board Communications:

Ch mobile repeater
1 467.750 457.525
2 467.775 457.550
3 467.800 457.575
4 467.825 457.600

3400. Scan 800MHz with any 46-49MHz scanner!!!

Newsgroup: rec.radio.scanner
Date: 1994-05-04 11:45:51 UTC
From: mc@northshore.ecosoft.com
Message-ID: <2q81tf$sod@northshore.ecosoft.com>
Source record: 274748
Cross-posted to: rec.radio.scanner,alt.radio.scanner

HOW TO SCAN THE 800MHz BAND ON ANY SCANNER!!!!!!!!

You can make your scanner tune the 800 mHz band by simply taking an old, but working UHF TV tuner. Attach a 9 volt dc battery to the unit, feed the output into the scanner antenna input jack and scan from about 43 mHz to 46 mHz. An antenna about 1 to 2 inches long on the 300 ohm plugs works fine locally. The tuner needs to be set on channel 83. Have fun!!! Happy scanning! Enjoy!!!

3401. Re: Glossary - Is there one I can get from an FTP site?

Newsgroup: rec.radio.scanner
Date: 1994-05-04 12:23:33 UTC
From: jhobson@su19f.ess.harris.com
Message-ID: <CpA2F9.1u9@news.ess.harris.com>
Source record: 274676

In article <WY1Z.94Apr28230337@bach.coe.neu.edu>, wy1z@bach.coe.neu.edu (Scott Ehrlich) says:
>
>>In article <1994Apr27.172546.14500@iglou.com> tony@iglou.com (Tony Safina) writes:
>>
>> I'm looking for a glossary of amateur radio (especially short wave
>> & scanner) terms for a friend ......
[deletes]
>
>To start...
>
>Repeater: System which takes a signal on one frequency and retransmits
>it, which greater power, on a different frequency (offset frequency).
^^^^^^^
>Repeaters are usually located at high altitudes to permit reception and
>retransmission for a wide radius.
>
Not necessiarily. For example, one of the 2 meter repeaters around here has a 8 watt transmitter. Lots of 2-meter tranceivers output more than that. The primary ingredient is (as you mention) the altitude or more specifically the height above average terrain (HAAT). The repeaters here (space coast Florida) aren't a very high altitudes, but then neither is the ground.

Harv
WB4NPL

OK, I'm a nitpicker.

3402. Now the April 26 has come and gone

Newsgroup: rec.radio.scanner
Date: 1994-05-04 13:25:16 UTC
From: gdallal@world.std.com
Message-ID: <CpA5A5.FJ9@world.std.com>
Source record: 274751

The May-June Grove catalog arrived yesterday with the
following bits of information . . .

IOCM has announced they are removing the entire 800-900
MHz portion from their R7100, R100, and R1 scanners.

The popular Realistic PRO-2006 scanner has become the
cellular-unrestorable PRO-2006A, while the PRO-43 handheld
remains unchanged due to the difficulty of restoring its
cellular capability.

3403. Re: Yupi MVT-7100 initial opinions

Newsgroup: rec.radio.scanner
Date: 1994-05-04 13:55:33 UTC
From: jkearman@arrl.org
Message-ID: <1994May4.135533.461@arrl.org>
Source record: 274750

Richard Crisp (crisp@netcom.com) wrote:

: Has anyone noticed birdies on theirs? I haven't really looked by
: doing the familiar "remove the antenna and search" trick, so I
: was wondering if anyone else has.

I've noticed birdies here and there, but I didn't keep a log. A
few of us have noticed that birdies are somewhat dependent on the
antenna you're using; you'll get them with the whip in place but
not with an Austin Condor, or vice versa.

Good listening.

Jim

3404. Re: Weather Radio

Newsgroup: rec.radio.scanner
Date: 1994-05-04 15:03:54 UTC
From: markm@xetron.com
Message-ID: <CpA9uJ.55n@xetron.com>
Source record: 274753

In article <2prk9h$hjs@ns.mcs.kent.edu> pfeiffer@humboldt.kent.edu (Dan Pfeiffer) writes:
>In article <1994Apr27.132435.29587@acd4.acd.com>, jpo@iedv7.acd.com (Jim Osburn)
writes:
>|> Can you recommend a weather radio that receives better than retail models?
>|> I need to receive the weather radio (162.40 MHz) inside a building.
>|> Retail weather radios don't work. My amateur radio handheld does.
>|> I need the alert tone function. It should cost not much more than $100.00.
>|>
>|> Thanks,
>|>
>|> Jim
>
>I have the Radio Shack weather alert and it works great. Got it
>for $20.00 on sail. I get the local station from 40 miles easy.
>Works well inside my apartment building. 3 channels. Alert mode.
>I tested the current draw in aleart mode and I think it would
>run for 2 weeks or so continuously on new batteries.
>
>-DHP
>
>pfeiffer@humboldt.kent.edu (Dan Pfeiffer)

If you're talking about the hand-held one, watch out -- I must have gotten a dud. It wouldn't pick up inside my house. It received interference from pagers. It never alerted at the test time. I returned it and got the table-top model ($40). This one worked much better -- good reception through the AC line, and almost as good through the rod. Gotta plug it in, though. Alert sound is good and loud and it works.

- Mark Malson
markm@xetron.com

3405. SW Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-05-04 16:03:09 UTC
From: jlloyd@pluto.cs.clemson.edu
Message-ID: <2q8gvt$3hr@hubcap.clemson.edu>
Source record: 274761
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

---

Below is a collection of SW receiver reviews written by readers of Rec.radio.shortwave. The number following the brand and model number is the number of readers, who indicated they use this type of receiver.

All credit for these reviews should be given to the readers of this group and not me.

John Lloyd

Sony 2010 - 3

I found it VERY easy to plug in and start listening. The supplied instructions are adequate for what they do, but
are not really enough to really start enjoying the radio. The whip antenna works great at home, but just doesn't cut it at work (way too much metal/interference). Even the supplied wire antenna does not seem to help at work (I have not yet tried it at home (no real need).

****
Realistic DX-342 - 1

I've owned this little radio for about a year
now and am really pretty happy with it.

Advantages: Size - Measuring approximately
4 3/4 x 2 5/8 x 1, you can take this little
mini anywhere! Even slip it into your shirt
pocket!
SW bands - Covers 9 SW bands: 49m, 41m, 31m,
25m, 21m, 19m and 16m.
MW, FM, FM Stereo (thru headphones)
Travel Power lock
Push button control
Runs on two AA batteries or AC adapter
Travel pouch
Carrying strap

Disadvantages: It's an analog unit, guys and gals,
no digital display.
No back stand
Antenna does not rotate up

I've had a lot of fun with this little receiver. The
SW sensitivity is quite good for my area of the
country, Cleveland, Ohio. The speaker has a nice sound
and improves thru the earphones. FM stereo thru
headphones is great! MW DXing is surprisingly
good! I can grab signals from Boston, Chicago,
New York and Cincinnati much better than on my
Magnavox AE 3625 Digital!

Summary: A nice little travel radio that's fun
to fiddle with or take for travel when you're in
a pinch. Radio Shack has discontinued this model
so you might be able to find it on sale for around
$50.00. I love the size! Ideal for travel! I'm
beginning to think that anything larger is too
cumbersome. I do miss the Digital Display and all the
features that go with it: Freq. display, Alarms,
world time display, etc. If I were buying today, though,
I'd consider what else is out there for just a bit more
money. For example, the new Sangean 606 is only
slightly larger and has all the digital features mentioned above that I miss. I
've seen it priced for as little as
$179.95!

****
Realistic DX-375 - 1

It costs $99.99 though I got it for $89 since I had a coupon for a
rebate. For the price I think I got a good deal. It has digital tuning
and direct input of frequencies which allows tuning to be a pretty
simple job and not a time consuming act of patience. It uses two C type
batteries... I use rechargable ones and they last a pretty long time..

It is not small enough to carry in your shirt pocket but it could fit in
the front or side pocket of an average sized backpack. It is just great
when you are walking back home from school/work ... it can be easily
carried in one hand as you catch up on the news from
BBC/Deutschewelle/Radio Australia/etc.... as you walk home..
I get decent reception of all the `big stations' even indoors and have, on
occasion also been able to tune to Radio UAE....

The sleep function is perfect for someone like me who likes to fall asleep
with music... the FM sound is pretty good in stereo (headphones)... The
AM reception is also fairly good but it has a very high tendency to catch
those Bible bashing stations...probably a reflection of the region where
I live...

The strap is a little shoddy and I have a feeling I may have to `fix it'
soon... I expect it to pop out any moment....
Despite that, I like it...

****
Realistic DX-380 -2

I've owned a DX-380 for about 9 months now and....
It's a GREAT RADIO! However, I should qualify
this. I bought it on sale from Radio Shack for the
bargain price of $129.95! It regularly retails for
$179.95. At $130.00, this radio is a real steal!

About the size of a large paperback book, the 380
is feature packed!

*DUAL CLOCKS
*ALARM WITH RADIO/BUZZER
*60 MINUTE SLEEP TIMER
*DUAL BANDWIDTHS
*DIRECT FREQ. ENTRY TUNING
*TUNING KNOB
*SLEW TUNING
*TUNES IN 1 OR 5 KHZ STEPS
*CLOCK DISPLAYED SEPARATELY
*BACKSTAND
*STEREO THRU HEADPHONES
*CONTINUOUS SW COVERAGE...NO GAPS!
*AUTO SCAN UP OR DOWN
*ANTENNA ROTATES AND SWIVELS
*CARRYING CASE

The sensitivity of this radio is GREAT! With a reel antenna, it's even
better! I read another review that said reception was lousy....I think
that individual should check his particular receiver as he might have
the rare defective unit. MW reception is also outstanding and with a
Slect-A-Tenna is greatly improved! Herein Cleveland, I pick up
Chicago, Cincinnati, and Pittsburgh during the day WITHOUT the
select-a-tenna! With the S-A-T reception gets an added boost!
(these are all 50,000 watt stations)

I have found it to be about the perfect travel size. I would like
something smaller, like the 606. This size, however is fine. I've
carried hardbound books on jets that are larger. The many features
makes up for it's slightly larger size over a mini. It does not have
SSB, but I really don't miss it.

All in all, A great radio priced at $130.00! I would not have bought
it for the price of $179.95. There are other radios in that price
range that ive ya more bang for the buck. At $130.00, it's a great
deal! If you can get it at that price, snap it up!

I am by no means an expert, but I have a DX-380 and can give some
of my experiences. First of all, I would pay the extra to get the
390 to get the single side band capability. I miss it. I miss
it. Also, the sensitivity for foreign broadcasts (I'm in DC)
without an external antenna is poor. You get the BBC and some
German broadcast relays from Canada transmitters, some south
american stuff, and that's it. BUT with a 50 m Cu wire out my
2nd story window attached to the antenna with an alligator clip,

I regularly get Abu Dhabi and Australia at night.

****
Realistic DX-390 - 2

Great mid-sized digital portable. Good sensitivity and selectivity. Digital display shows time, frequency, signal strength, and memory location. Covers LW (in 9 kHz steps), MW (in 9 or 10 kHz steps) and SW continuously from 150 kHz to 30000 kHz. FM reception (88-108 MHz) with stereo through headphone jack. BFO control for SSB reception. Built-in timer/clock, 9 programmable memory locations per band, except 18 on SW. Good audio output. RF Gain and AM bandwidth controls. Keypad frequency entry. External antenna, AC-adapter inputs.

A great radio for the beginner or as an upgrade from a smaller and/or analog unit.

Purchased from Radio Shack for $219 in January, 1992.

I have a new Realistic DX-390 (alias Sangean 813??). Seems to be a great value for the price $169 US. I haven't yet heard from someone who can recommend a radio for the same price that is better, and can back it up with facts.

****
Grundig Satellit 700 - 3

Truly a world-class portable, digital receiver. Excellent sensitivity and selectivity. Digital display with two separate clock/timers, signal strength meter, band selection, frequency readout, and user-definable eight-character "name" for each memorized station. Has RDS circuitry on FM to decode the newly-phased-in system for identifying stations by call letters, format, etc. 512 memory positions, upgradable to 2048. Tunes in .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. Receives USB and LSB. Synchonous detector helps pick difficult-to-receive stations out of the crowd. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz). Excellent audio output, with separate treble and bass controls. Stereo through headphones or external speakers. Line-level out (left and right), external antenna, and 12 VDC-in jacks. Local/DX switch. Built extremely rugged. Multi-national power supply included.

An outstanding performer, and worth the price to a serious SWL or DX'er who requires portability.

Purchased from Universal Radio for $479 in April, 1993.

The Following is a comparison of the SONY ICF-SW77 and the GRUNDIG SATELLIT 700:

Both of the receivers you are looking at are pretty solid. The Sony is slightly smaller and has a somewhat more "finished" feel about it. The Grundig is SOLID with a much better sound. Neither is as good a SW signal receiver as the previous Sony, the '2010 (2001). However, they both have very advanced features; multiple (and in the Grundigs case, expandable) memories with alphanumeric tags so that you have a name as well as a frequency, all sorts of memory grouping and scanning etc. The Grundig has good RDS ident. on it's FM band, but I have a feeling that this isn't used much, if at all, in the US. If you intend to buy second-hand, be very wary of the SW77 - the early version was pretty flakey. The later version is better but still not as good as the '2010.
I think that the choice comes down to "feel". They are both quite complex to use, but both work as advertised. Try 'em both as they have quite distinct operational methods. If sheer performance on SW is the main point for you, compare them with the Sony ICF2010. You'll buy it and save some loot !
For what it's worth, I tried them both and settled on the Grundig. I have my Satellit 700 in daily use and it's performed without a hitch.

My reasons for the choice were:

1. Performance. The Grudig was much better than the early SW77.
2. Sound. I happen to prefer the slightly bassy Grundig sound to the somewhat sharper Sony.
3. Power. The Grundig takes D cells and can self-charge Nicads in the set, which is how I have it set up. (The SW77 used C cells) They both run down batteries fast. The Sony worse than the Grundig due to it's smaller cells.
4. RDS. I love it and the SW77 doesn't have it.
5. Feel. I like the, I don't know, Germanic solidity and sheer heft of the Satellit. A Satellit with a full load of 4AH Nicads can tip the scales at twice the weight of a SW77. Of course, if drop one on your foot the Sony would be the better bet ! I only use the Grudig about the house. I have a '2010 for the road.

I hope this splurge hasn't clouded the issue for you.

Editor's Note:
I have one of these radios and love it! I sent the following message to someone just after I bought it.

I just recently forked out $500 and bought a Grundig Satalit 700. The sound from the radio is truely impressive! I have always wondered why broadcasters put music on shortwave, because it alway sounded like garbage. However with the 700 I can listen and enjoy the music. The 700 has Bass and Treble controls, which

improve the sound quality but the Automatic Gain Control most likely does the most toward improving the sound (I'm not an expert, so this is just a guess!). Anyway my Wife regularly listens to music coming from a 60m band radio station in Guatemala, and can enjoy the sound. However there are some bad points. It is programable, but I have not worked out how to do it yet. Well I tried once and gave up. This is not too bad though, because BBC, Deutche Welle, and about 10 others are stored in a ROM table. And these frequences actual work (i.e. they are the frequencies for North America and NOT Germany).
Also I connected a long wire antenna and found my local AM station on shortwave. I guess the front-end is not good enough to sort the signals out when coming from a large antenna. But don't worry about this either.
If you only want to listen to the biggies like BBC, Deutche Welle, you won't need an external antenna. I am planning to put a Pre-selector between The Radio and the Antenna, and I think this will cure the problem of AM stations on shortwave and cut out some interference. Finally I recommend this radio to you. I'm sure you will have hours if enjoyment from it.

****
Grundig Satellit 500 - 2

Formerly Grundig's flagship portable SW receiver, this is still an excellent piece of equipment. Excellent sensitivity and selectivity. Digital display with two separate clocks (only one displayed at a time), signal strength meter, frequency readout, and four-character user-definable "name" for each memorized station. 42 memory positions. Tunes to .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. In addition to AM, has three receiving "modes" for LW, MW, and SW: USB, LSB, and "Sync," which should more accurately be described as "fine tuning," as this implementation of synchronous detection operates differently from the Satellit 700 or Sony 2010. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz).
Excellent audio output, with separate treble and bass controls. Stereo through headphones. Line-level out (mono), external antenna, and 12 VDC-in jacks. Local/DX switch.
Built extremely rugged. Power supply included.

An all-around great performer. Now that it's discontinued, many outlets are selling this unit at close-out prices, making this radio an excellent value for the money.

Purchased from Universal Radio for $379 in December, 1992.

I have a Grundig Satellit 500 and am basically satisfied with it. I miss the 512 memories of 700 and 'SSB clarify' control sometimes.

Yes, its 'sync' is exactly fine tuning in 100 Hz steps. However, it is rather simple to make it work similarly to '700 and '2010, because the detector chip is the same in all three. Only a switch with two pairs of contacts is needed. Another design fault, the excessive distortion in SSB mode, can be partly cured by adding two resistors. For serious DX-ers it may be important that the internal ferrite rod cannot be disabled on MW and LW in both 500 and 700, so the in-house noise may become a problem on these bands.

****
Lowe HF-150 - 1

The Lowe HF-150 (sold by Universal and EEB) is a nice compromise. Similar number of cubic inches as the Sony (different shape), but offering some features of the R8. Also the Lowe is made with a mostly solid alumnum case, which is better than the Sony or the Drake. The Lowe has dual antenna inputs (wire or SO-239), record out, audio out, 12vDC in. It can run off any 12V DC battery. I use 7 aH gelcells which I recharge. The Lowe also takes 8 internal AA nicads *OR* disposable batteries. It will recharge the nicads with a builtin recharger if you plug it into an external power supply. It's a nice semi-portable radio. It has a few ideosyncracies, but you might want to look at it.

****
Lowe HF-225 - 2

I've had an HF-225 for a few years now, and I'm pretty happy with it. I use it mainly for broadcast listening. It's connected to 25m of random wire via a 5m coax run inside the house.

I tried using an ATU to improve the matching between the aerial and the coax, and on some frequencies it gave a (small) improvement in signal strength, but it was such a pain to keep retuning that I gave up using it.

I recently bought a "magnetic longwire balun", and this seems to offer the best of both worlds - improved matching between the wire and the coax, but no retuning necessary. It's rather expensive, though, and it may be that I'd have been just as well off with a home brew transformer on a ferrite ring...

The other potential advantage of an ATU, filtering out of strong signals well away from where you're listening, seems to be completely irrelevant on the HF-225. I've never yet found a case where switching in the attenuator did anything beneficial. The receiver's front end seems to be excellent in this respect.

I've got the sychronous detector option, and I wouldn't be without it. It quite often makes a heavily fading signal quite pleasant to listen to. Pity it doesn't have a selectable sideband option, though - I quite often find myself tuning an AM signal in the LSB or USB modes to try to get rid of an adjacent interfering signal.

Would I buy it again? Yes, unless I decided that I really wanted a receiver which offered a computer interface.

****
Sony SW-1 - 2

I bought an SW1E over a year ago, for listening to broadcast SW and FM at home and while travelling. I like this very small radio a lot. It is maybe expensive for a portable, but the build quality is very good, - everything looks and feels right. Battery life is good, and the set DOES work with NiCads (2*AA) contrary to the instructions. Reception of broadcast SW is good, either with the whip or clothes-line antenna. I've never noticed any big problems from adjacent channels either. As a bonus, FM stereo reception is good through headphones. Audio quality from the in-built speaker is fair, but you'll want to use phones for noisy environments. The only bug with this radio is the memory capacity - only 10 mems is really not enough to cover ALL of AM and FM.
Summary - if you want a very small portable, and appreciate high quality (and can afford it), I would recommend the SW1E. Note the E, which denotes the SW1 kit without the active antenna and brief case - these add a lot to the price, and I don't rate the antenna too highly either.

****
Sony SW-15 - 1

I bought one of these puppies on impulse the other day (at my age you should give in to the occasional impulse, just so they keep coming). Cost $85; you could probably do better by shopping the discounters.

Specs:

Dual Conversion Receiver, 6 1/2 x 4 x 1 1/2 inches, 3 AA or 4.5v DC.

Nine Bands:

FM: 76-108 Mhz, 10.7 Mhz IF.

SW: 5.775 -6.425; 6.875-7.525; 9.375-10.025; 11.6.5-12.265; 15.00-15.65
17.50-18.15; 21.325-21.975. 1st IF 10.7 Mhz; 2nd IF 455 Khz.

MW: 530 - 1710 Khz; 455 Khz IF.

Analog Tuning dial, volume control, music/news tone switch, 7 position SW band selector. FM/MW/SW select buttons double as "on" switches. "Off" button. "Hold" button to disable "on" (prevents accidental

turnons) Slide rule, multicolumn frequency display. Hand strap, foldout stand to hold at angle on table, soft carrying case. Basic shortwave guide. Telescoping antenna. FM/MW/SW "on" and tuning LEDs. Mono earphone jack.

Subjective Review:

I'm pretty impressed. Sensitivity is up there with the Pomtrex [:-)] without the "splatter" of strong stations. Analog tuning dial requires a delicate touch but for me that's part of the fun. Drift seems nonexistent; you get a station and it keeps it without a lot of vernier twiddling. MW performance was surprisingly good, as was FM. I'd recommend it as a starter radio.

****
Sony ICF-5100 - 1

I bought this radio in Kuala Lumpur in 1988, and I'm not sure if it goes by the same model number in other parts of the world. It is a shirt pocket analog tuned radio with coverage from 6MZ to about 21MZ in seven bands. The radio is very rugged and has served me well despite of the physical abuse it has gone through. Because of its small size the speaker is only small and the sound from it it a little tinny, but I used it mainly to receive news in countries without English language news services and in remote areas while camping etc. I recommend this radio to anyone, who considers size the most important factor. Cost was about US$70.

****
Sony ICF-7601 - 2

In some respects this is my favorite radio. No bells no whistles no FM stereo -- just a good solid (feels like a small brick) analogue unit. It covers AM, FM and has 10 SW bands that cover most of the "out of band" frequencies. Band switching on SW is done by a slide on the front of the radio while buttons are used to switch from AM to FM to SW. The dial is accurate to 5 kHz so is very easy to locate a station. I believe that it was simply the best low cost analogue rig out there. It's still around and can be had for well under $100.00. Grab it!!

I have a 7601 also. Most of its weight is from the batteries and the speaker, giving it better tone and volume than smaller, lighter sets.

As with other cheap analog sets, it wasn't very hot out of the box.

If you "super tweek" the 7601, it's pretty good on AM, but no match for a 2010 or Superradio III. Most of the shortwave bands peaked up well, but I never could get 19 meters working right. As with most analog portables, the whip is part of the RF tuned circuit, so one must be careful to duplicate the exact listening

conditions when tweeking the radio. Even the presence of
headphones will shift the antenna tuning.

Unfortunately the 7601 picks up FM stations at various places on
the shortwave bands. If you're far enough away from FM and TV
stations you might have room for an R-390.

When going on trips I usually take my SW-1 because of the
convenience of the presets and the reception flexibility provided
by the active antenna that comes with it.

****
Sony ICF-SW33 - 1

I've owned this radio (SW33) for about 9 months and use it as my
"carrying around the house rig." It was purchased to replace a
Sony 7601 that now resides on my desk at college (things
electronic can grow legs on a college campus). By far the best
features of this unit are its convenient size and excellent
performance on all bands, AM, SW and FM stereo. Don't get me
wrong -- this is not a DX machine on SW but for listening to the
major broadcasters, it's excellent.

The single filter selection seems just about right and tuning on SW
is in 1 kHz intervals. This at least gives you a "fighting chance" to
move away from interference. That's a major improvement over the
5 kHz that many radios in this price range allow. In addition, the
dual conversion design on SW keeps image interference at bay - a
major plus for a small portable.

The radio does not have a keypad so entering frequencies is a bit
clumsy. However, by entering the middle frequency of each of the
major SW bands in the 7 memories (5 memories plus 2 timer
memories) and slewing up or down from those positions you can
get around reasonability fast. The SW bands are changed by a
combination of 2 keystrokes.

The sleep control (shuts the radio off after 1 hour) can let you be
lulled to sleep and the timer alarm can make sure that you get to
work on time (radio shuts down after 2 hours if it is turned on by the
timer). Setting the radio alarm is very easy - once you have set the
clock, but that frankly, is a pain. The clock function, which works
very well (combination world/home time), takes at least 7 distinct
steps to set it. Fortunately the clock is fairly accurate (looses about
0.2 sec/day) so you don't have to reset it very often. The lighted
dial (stays on for 20 sec at the touch of a button) is a nice touch.

Battery life is excellent contrary to the 1994 Passport to World
Band Radio (see below). The radio has a battery "gauge" that is
activated at the touch of a button radio and shows in the display
as a battery icon with 3, 2, 1 or 0 dots inside of the battery outline.
It disappears after about 5 seconds. As soon as the number of
dots reaches 0, the radio shuts off immediately. I ran a a series of

tests with Radio Shacks Super Alkaline batteries and got the
following results: 3 dots showed for 37 hours, then 2 dots showed
for an additional 11 hours, and finally 1 dot showed for 3.0 hours
for a total of 51 hours. (Radio ran 1.5 to 2.5 hours/day with the
volume control set at 1/2 volume most of the time). At $2.89 (plus
5% for tax) for a package of four AA batteries (the radio takes 3),
that figures out to 4.5 cents/hour which is excellent. This figure differs
greatly from that given in the 1994 Passport (25-30 cents/hour). I have
no explaination for the difference but I stand by my test values.

Would I recommend this radio to anyone? If you do a lot of band-
scanning, forget it; it will drive you crazy. But at about $140.00 plus
shipping (NYC mail-order) it's an excellent "second" radio to carry
around for listening to the major broadcasters. I like it!

****
Realistic DX-440 - 2

I have a DX-440 and I think it is a good 'dabble' radio but if I
ever get serious I will look for a > $500 table model.

I love this radio! It's my main radio and I use it
exclusively at home, moving it from room to room. It really is
too large for travel

I've found the sensitivity to be tremendous on SW, MW
and FM! Very rarely do I need to attach a clothsline
antenna! It has continuous SW coverage, a great sounding
speaker, BASS and Treble controls, two bandwidths, great
sensitivity, good spurious signal rejection...It has
all the features I wanted in a starter radio! I bought
it about three years ago on sale for $150.00! I still
don't know why Radio Shack discontinued it. If you're
looking for a good starter shortwave radio and can still
find one laying about at a Radio Shack store priced to move,
GRAB IT!

****
DAK DMR-3000 - 1

I bought this radio since they have a 30-day money back guarantee
and I did not know if I would like the hobby or the radio. Good
points: direct-entry tuning, 36 station memories, fairly small so
it is easy to travel with, speaker sound was good, reception was
okay, but improved dramatically with the addition of the Radio
Shack 23' rollup longwire ($8.95). Bad points: only 5kHz tuning
steps, only major broadcast bands tunable (large gaps between
bands), selectivity not so good, no fine tuning, no BFO, no SSB
or CW, poor FM reception. All in all, not a bad radio of $69.90,
however, it left me wanting for more, so I got rid of it.

I have seen a couple of posts asking for a low cost SW receivers.
I have recently bought a DAK Model DMR-3000, for just

$69.90+$6.00 shipping from DAK - a mail order company.
The receiver has a direct access, so you can type in the desired frequency, and a manual / automatic scanning system. It also has a dual time clock with alarm and 'sleep' timer. Unfortunately you can tune only to the commercial frequencies on SW, AM and FM bands. I have to say though that cheapness comes at a price. The first receiver I got was defective so I had to ship it back and ask for a replacement. Now, I received a new one which works very well.

Compared to my Sony ICF-7601 the DAK unit is an insensitive brick. The fancy clock and timer features aren't really worth it. About the only thing nice is the FM Stereo support if you plug in headphones but the FM sensitivity leaves much to be desired as well.
Something else to watch for.... That pretty lettering on the buttons will wear off REAL fast. If you haven't used it much yet you won't see a wear off REAL fast. If you haven't used it much yet you won't see a problem. After you've done some tuning you'll see the pretty arrows disappear from the buttons.

****
Sangean ATS-803A - 1

Since I was now turned on by SWL'ing, I moved up to what most people agree is the best all-around radio for this price. Good points: excellent frequency band coverage (150kHz to 30mHz), fine tuning, good selectivity, BFO for SSB and CW, many scanning options, lots of accessories included, good AM and FM reception. Bad points: way too big to travel with, high battery consumption, synthesizer noise in background all the time, scanning frequently skipped lots of "listenable" stations that I was able to get by manual tuning (what's the use in scanning, then?). I found that adding a longwire antenna only increased interference and noise while not improving the set's scanning sensitivity. Overall, a fairly good radio for the price...

I have a Sangean ATS803A which I love. Comments to quote me on would be that it's an excellent beginner's radio for the price. Although I've heard that the 818 is the "latest and greatest" in this price/performance category. I especially love the full coverage 150kc-30mhz and the (albeit lo tech bfo) SSB capability.

****
Sony ICF-SW20 - 1

I was in dispair when I could not find a decent travel portable for under $200. However, I accidentally crossed paths with a Sony ICF-SW20 on sale (normally $99, on sale for $49.99) at a local store and had to check it out. It is an analogue set, but since I got a 30-day return policy on it, what the heck? Good

points: analogue tuning so no problem with confining 5kHz tuning steps, INCREDIBLE SENSITIVITY - this radio blew the DAK and Sangean away with the number of stations I picked up, good selectivity (no fine tuning knob - all you need to do is turn the tuning knob slowly), tiny size (4"w x 3"t x 1"d), small whip antenna (only 18"), addition of Radio Shack rollup longwire increased sensitivity even more, great low price (if I lose it or its gets destroyed, no problem replacing it), tuning bands are wider than the major broadcast bands, so you do get some utilitiy reception as well as WWV, AM and FM are really sensitive while FM goes from 76mHz to 108mHz so I can pick up some TV as well. Bad points: frequencies cover only seven broadcast bands (I can live with that, though), only monaural earphone included (however, you can get a $1.39 mono to stereo headphone plug), no BFO for SSB or CW, no station memories. All in all, this radio gave me the best price/features/size ratio of the ones I checked out first-hand. It's a keeper for me!

****
Magnavox 3625 - 1

Finally received my Magnavox 3625! Well, I'm certainly happy I purchased this little radio. Sure, it's not top shelf, but it's suitable for travel purposes and gives adequate SW coverage.

Has these features:
Travel Lock
Alarm (beeps, does not turn on radio)
Sleep Timer
9/10 KHz switch - for world travel
12 hour clock (however, when unit is swith to 9 KHz steps 24 hour clock kicks in)
20 presets - 5 for each band FM, AM, SW1, SW2
Dual time
Auto store - this feature allows the radio to automatically find the five strongest stations in an area and program
them into the memory of the FM & AM band.
Back stand
Antenna swivels and rotates
Runs on four AA batteries.

Well, the sensitivity is quite good. Steps in 1 KHz increments. No tuning knob but the slew tuning buttons work just fine. It's about the size of a paperback book and can be taken anywhere reasonably well. No carrying strap,
though. The SW coverage is limited but it grabs the major broadcasters exceptionally well. Example: the 41 meter band is covered from 7100 to 7300. So if you want to listen to the BBC on 7325, you're oput of luck.

However, I like to listen to the BBC on 12095 or 15070 European signals during the day that I cangrab when I attach a long wire.

The 3625 can't tune these freqs. but it can grab 15400 (from africa) WITHOUT a long wire antenna! I'm pretty impressed.

Bottom line....A GREAT little travel radio for $70.00! Call a Magnavox outlet if you are interested.

****
Magnavox AE-3805 - 2

Great little digital portable. Good sensitivity, average selectivity. Covers MW (in 10 kHz steps only), FM (no stereo), and SW in two "bands": 3200-7300 kHz and 9500-21750 kHz. Built-in timer/clock (12 hour format only), 5 programmable memory locations per band. Great for travel use.

Purchased from Damark for $49 in May, 1993.

$50 from Damark closeout -- cheapie category

****
Emerson PSW-4010 - 1

Great analog portable. Good sensitivity and selectivity. Covers MW, FM (stereo through headphones), and SW in 8 bands (roughly split out as 13m, 16m, 19m, 25m, 31m, 41m, 49m, and 60/75/90/120m). An excellent travel portable.
This is the same radio as the Sangean SG-789.

Purchased from DAK for $49 in June, 1988.

****
Sony ICF-5900W - 1

Sony ICF-5900W was a good radio in its day, but isn't worth listing now.

****
Icom IC-R70 - 1

I purchased my R70 in early 1983. It came with a scratched plastic window for the digital display, which the factory replaced. It is an extremely sensitive receiver. I installed the FM detector board option, which is highly useful for Sub-Carrier detection from FM broadcast receivers in conjuction with the R70's ability to tune below 100khz without a frequency convertor. The so-called PassBand Tuning (PBT), in actuality an asymmetrical bandwidth narrowing control, is very mediocre with the factory 455khz filters. Replacing the 455Khz ceramic SSB filter with a Fox-Tango FT-44 2.4khz 8-pole crystal filter (equivolent to the ICOM FL-44) makes the passband filter work as one would want. The AM 455Khz ceramic filter is junk, and was replaced with a higher quality "4Khz" ceramic filter from the long-defunct Radio Plus firm. The actual specs for the 4Khz filter indicate that it is a slightly asymmetrical filter of 5.6Khz bandwidth, causing a slight degredation of the "highs" (The original spec is

for a 6Khz bandwidth; the 9Mhz AM filter is a 6-pole device). Inclusion
of both replacement 455Khz filters results in a combined shape factor
of much better than 2:1 on AM or SSB. In addition, the RF amplifier
was enabled for AM broadcast band use, and an MOV was placed across
the AC input for protection against voltage transients. [Actually,
a Transorb would be far better in defending against narrow transients.]
For awhile, I replaced the diode AM detector with a Shottkey diode,
but my ears could detect no difference in distortion, and so the
original AM diode was returned to the circuitry. It's been serviced
once by ICOM for an intermittant problem ($150 ouch). There exists
several modifications to enable selection of the 455Khz SSB filter
whilst in AM mode for additional selectivity.

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YORX AM908 - 1

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Drake R8 - 1

****
Drake SPR-4 - 1

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Icom R-71A - 2

Eskab & Edvis of Sweden used to offer a Phase-Locked AM (PLAM) detector for
the R-70 and later R-71; they also offer a version for the NRD525. I have
the R71 version. It is a synchronous detector which allows selection of USB
or LSB via the IF filter/BFO offset. The PLAM board phase-locks one of the
R71 local oscillators (I forget which one, probably the BFO) to the AM
carrier. It contains its own product detector. The lock range is not very
large, perhaps +/- 20 Hz. The detector seems to have lower distortion than
the ICOM AM detector.

Compared to ECSSB, aside from the advantages of phase-locking the product
detector BFO, the PLAM unit also lowers the corner-frequency of ICOM's
low-pass audio filter, giving better bass response than normal SSB mode on
the R71. I find that this improves the intelligibility of the signal.

The PLAM board piggybacks in the mounting area for the ICOM FM option
board; both can coexist. Installation is somewhat difficult, as it involves
connecting over a dozen wires to various boards in the R71.

Eskab & Edvis also offered a 4 KHz 2nd IF crystal filter for the R71. This
installs fairly easily in place of the narrow CW filter. It is very much
better than the stock ICOM 6 kHz bandwidth, which is wide-open until it
hits at cheap ceramic filter in the 3rd (455 kHz) IF.

I don't know if Eskab & Edvis still offer the R-71 PLAM and 4 kHz filter.
They used to advertise in the WRTH.

Regarding other options: I believe Sherwood Engineering offers an outboard
synchronous detector for the R71 as well as other receivers. The Kiwa MAP

unit should also be adaptable to the R71.

Also, Dom Moman of Shortwave Horizons publishes a modification manual,
which details mods like enabling the preamp on MW, true pass-band tuning,
sub-10 Hz RIT, etc.

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Kenwood R-2000 - 1

****
Kenwood R-5000 - 1

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Kenwood TS-450-1

I know it's not a reciever, but since it has general coverage,I decided to
put it in here.The TS-450S iaN amateur transciever that costs little more than
a R-5000,and if you have your ham ticket or are thinking about getting it,may
be worth checking out if you are in the market for a new toy.I'd be willing
to bet the replacement for the 5000 will look just like the 450,just like the
5000 looks like the 450's predacessor,the TS440S.First thing it is EXACTLY
the same size as the 5000/440.Unlike the 5000/440,it has an LCD display that
is unlike any other I've ever seen.It is almost too bright!The brightness
cannot be adjusted,unfortunatly.The 450 recieves in all the standard modes
except for fax.It has a"normal"keypad unlike the 5000 and the aggravating
CW that is producewhen a major button is pressed can be silenced by y
-a simple menuss,you dont have to cut a wire like the 5000he S-Meter
is a bar-graph type that I like but some people dont.It also has an Audio
meter function that kin baffles me.I still dont know what use it is,but it
looks nice!Probably the most notable thing you will observe when using the
450 is the QUIET!It is so quiet,it seems strange the first couple of times you
use it.The AGC is non-defeatable and has a fast/slow toggle.It is the strangest
and slowest AGC I've ever seen,on slow the S-Meter just sits there and then
SLOWLY goes down.On fast,it just isn't quite so slow.It seems to work ok,but is
really odd.The stock filter for AM is a mile wide but you can add the YK88 AM
filter but you wll lose the open slot for the 8.83 ssb filter.I'm not sure,but
the 450 seems to have the same stock am filter the 5000 has.On SSB,it uses one
of the better Murata ceramic filters and is ok but the optional SSB filters are
highly recommended.The audio is FANTASTIC on all modes and if you put one of
the minimus speakers from Radio Shack on it,you will like it a lot.Dont bother
with the Kenwood speakers,the one that goes with the 450 is not too good and is
expensive too!The ergonomics are pretty good,except for the tuning knob,yes
like all the recent vintage Kenwood rigs,IT DOESN'T HAVE A FINGER HOLE!!Why
does Kenwood insist on putting these awful knobs on all the rigs they have made
lately!All in all,it is a very good riever in almost all respects,and since t
it only costs about $100 more than a 5000,it is worth a lookND as a bonus,
the recieve coverage goes up to 40 mhz!If you are into low band scanning,you
will hear things on the 450 you never knew existed on your scanner.If you can
swing the 450's sister model the TS690,you can recieve all the way to 60 mhz.
When the 5000 is put out to pasture,if it's replacement is the 450 without the
transmitter,it will be very tough competition for the other makes.All it needs
is Sync.detection and you really couldn't ask for much more.

****
Japan Radio Company NRD-515

THE all time most user-friendly recieveof recent vintagHas PBT,analog fine tune,four I.F.bandwiths,AM,LSB,USB,and RTTY modes.There is no squelch but it really doesnt matter much.Of all the recievers I have owned,or ad over here to play with,it is the most sensitive in the SSB modeI have the standard 6 and 2.4 khz filters,and th600 and 300 hz filters whitch are great for RTTY or CW(if you are truly desparate!)The "protection"diodes have been removed due to intermod from a local AM station.The reciever's case,front and back panels are made of Aluminum,no plastic to crack on the 515!The audio in AM is very bad,almost as bad as the Icom R-71a,but in a different way.The audio is "fuzzy"out of the speaker jack,but not too bad out of the record jack but still a little "fuzzy".In the SSB modes,the audio is pretty clear and doesn't fatigue me like the Icom dos far as thergonomics goes,it's almost prefect!All the knobs are the right size,the tuning knob is large and has a nice deep finger hole(Kenwood,are you listening???).The S-meter is big and easily seen across the room.Dynamic range is very good after the diodes have been clipped(a one minute operation).The filters all are good quality and have good shape factors.This was the first "affordable"rig that had a memory option that was worth something with 24 or 96 channels available. The NDH-518 I have(96 ch.)is also made totally out of cast and sheet aluminum and matches the 515's styling.It stores frequency only,unfortunatly, due to the year it was designeIm guessing.There are lots of these recievers floating around on the used market for about $600 or so.Universal seems to have a lot of them passing thrgh the store.

****
Japan Radio Company NRD-525 - 1

This is a great reciever,marred only by bad audio and a hiss that will drive you bonkers if you have good hearing and a speaker that can put out the highs. I have had two of these,the first I traded for a sateite setup,and the one I have now.The newer reciever has mucbetter audio then the first one and lesess hiss too.Ergonomics are very good MUCH,MUCH better than the Drake R-8.(IMHO,the Drake is seriously overrated and all the stuff about made in the U.S.A.is kind of funny cause a LOT of the innards are MADE IN JAPAN!!!)Oh well,back to the 525,if you are into AM,it's probably not the reciever for you, but in allthe other modes,it is one of the best consumer grade recievers ever made.Performance in all modes is basically excellent except fothe audio pr problem,and stability is rock solid.JRC has only cut a few corners compared to the 515,probably the ultimate in construction for consumer recievers. The case is made of very thin sheet metal and the front panel is plastic.The keys fit loose in the keypad but work ok.The display has four brightness levels and is very easily read from across the room.The S-Meter is "digital" and is a floating vertical bar segment that seems to be yellow on some samples, and green on some others.It is sort of "spastic"and twitched a lot on the first one I had,but not as much on the seconone.The first 525 I had would "click" on strong AM signals,but the new one doesn't.The main tuning knob spins very smoothly and has a nice finger hole.(KENWOOD,WHY DONT YOU LISTEN!!) All in all, a great reciever.

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Japan Radio Company NRD-535D - 1

****
Yaesu FRG-100 - 1

****
Panasonic RFB-65L - 2

$220 from Universal, EEB, etc. -- my main set, an excellent
portable, many features, nice construction and details.

****
Sony SW-55 - 2

This is my principal radio at the present time (I also have the
Sony ICF-SW33 and the Sony 7601). This rig is an extremely
sophisticated piece of equipment. I especially like the fact
that you can store up to 125 frequencies on 25 electronic pages
that can be named as you wish (by country). Once programed this
is very convenient. The two filter selections are well chosen
(much better than the stock Sony 2010 filters). My use the radio
to copy WEFAX with excellent results attests to its stability
(and that it receives USB and LSB).

The versatile timer/alarm and tape remote feature allow
automatic recording with certain tape recorders (Sony and others)
of up to five times and frequencies in a 24 hour period. I use
this feature all of the time. Audio (stereo on FM) qualitity for
a portable is very good; better I believe than the stock 2010
although as with the 2010, it is improved with a set of external
speakers.

Unlike the 2010, the SW55 does not have synchronous detection.
That's too bad because I believe that if it had this feature it
would blow away
tition. As it stands it is an excellent radio. Most
interference can be eliminated with the narrow filter or moving
away from the interference a bit (the radio is tunable in steps
of 0.1 kHz) so the lack of sd is not critical. I really
believe that Sony did not include it because it would have then
had a very negative impact on sales of the SW77.

Would I buy this radio again. You bet! The only problem I've had
in the year an
owned it is that the lettering has worn off the 1, 5, 0 and EXE
keys on the keypad. That should not happen on a $300.00 radio!

I just got a SW-55 for Christmas and find it to be an outstanding radio. Now
that I've said that, you should know that I am new to all of this "DX-ing" (is
that how you say it?). However, I can tell you that it's reception with the
built-in antenna and with the included auxiliary antenna is very good. I found
that the radio comes pre-programmed with a number of stations (BBC, Radio
Moscow, etc.) and they come in great.

As for your questions, I've found the speaker in the SW-55 to be very high quality, delivering plenty of volume and good sound. There are several "tone" switches (news vs. music setting, etc.) that enhance the reception and its sound. And, the unit is packaged well for travel.

The radio itself has several nice features (I don't know how they compare to other radios since I didn't comparison shop). There are several output jacks that make it easy to connect to external speakers, tape recorders, headphones, etc. There are local/long distance antenna settings. There are lots of ways to set and look at the time (local, UTC, Daylight savings, etc.) There are alarms and sleep settings (for on the road).

The tuning portion is quite nice. The radio of course offers digital tuning (punching numbers in to get to a freq.). But I find that I often use the "analog" tuning dial as well to either fine tune a station or to see what else is out there.

Best of all, the unit is packaged well. As a new user, I have enjoyed the little things Sony has done to make this experience a good one for the new user. Everything from the documentation to the carrying case has made it quick and easy for me to start listening to short wave. Included is a book that is a publishing of all the various countries broadcasting, with their freqs and times. (I gather that these things change quite a bit, but I presume that Sony updates it often)

****
Philips AE3905 - 1

In short, in my experience, the AE3905 is no real great shakes. It looks neat as hell, and marks its owner as a man of taste and distinction with more money than brains (like I said, *I* have one). Its shortwave performance is mediocre. Using this in a hotel last February, I found that attaching the included reel antenna caused the radio to overload fairly badly. The batteries don't last very long. The filters included are fair, but you still get a fair amount of interference from adjacent stations (not as bad as some small portables, but not good). I certainly wouldn't want to use this as my primary radio. For portability, it's fantastic. I can listen to the BBC or VoA anywhere. The radio fits in my shirt pocket, although reception in my pocket isn't all that good. In short, the radio isn't worth what Philips charges for it, but if you've got more money than you know what to do with and a desire to have a flashy looking toy, it'll do. The radio has only recently been available in small quantities in the U.S., and appears to have been discontinued in Europe. I got a reconditioned copy for $179 from the Magnavox factory outlet in Kentucky. Universal lists the radio in their catalog for something like $250 new if I recall correctly. You're not likely to find it anywhere else.

****
WATKINS-JOHNSON HF-1000 HF RECEIVER

I will be doing a lot of comparisons to my other receiver, an NRD-525.
To give a basis for comparison, the NRD-525 has been upgraded by the
following modifications:

ESKA PLAM board with four added filters following the IF strip
Installation of ESKA Aux filter in the NRD Aux position
Installation of the JRC 1.8 KHz filter in the Narrow position
Replacement of RF chokes on the filter board with shielded units
ESKA agc modification

These modifications have improved the shape factor on the NRD's filters
from an average of 2.0:1 to 1.7:1 (60:6 dB). The ultimate rejection has
improved from about -60 dB to -75 dB. These modifications are noticeable
in on the air listening tests. The NRD hiss has been removed.

About two months ago, I bought another receiver, a Watkins-Johnson HF-1000.
I didn't really think this receiver would be much better than the NRD, and
I intended to return it if this was the case. I was wrong. The Watkins-
Johnson receiver is clearly superior to the NRD in on the air listening
tests, almost in every case. In rare cases it is a tie. The comparisons
are done using an A/B switch that switches both the RF and audio lines so
that comparisons can be made quickly on the same signal. Comparisons
were all done in ECSS mode with the receiver settings made as close as
possible to each other.

I also did some bench testing of both receivers, and the numbers that the
tests give are not all that much different for both receivers, with the
exception of filter shape factor. The HF-1000 shape factors run about
1.1:1 (60:6 dB). This does not explain the main difference between the
comparisons, however. The HF-1000 seems to be superior in pulling out weak
signals. I have heard many signals that are muddled and hard to understand
on the NRD-525 sound sharp and clear on the HF-1000. Several other points:

AGC: The digitally processed AGC on the HF-1000 is far superior to the
analog AGC on the NRD, even with the ESKA kit installed.
Notch filter: Again, the digital IF notch filter is superior.
Audio: The NRD audio has always sounded low frequency and mushy; audio
on the HF-1000 is crisp and clear. This is an important item.
Operating: I like the controls on the HF-1000. They are flexible, yet
easy to use. The set is a pleasure to operate.
Synthesizer spikes: The NRD has a synthesizer spike every 100 KHz.
While these are not all that strong, some of them fall on inconvenient
frequencies, like the propagation beacons on 14100 KHz. There are
a few spikes on the HF-1000 at even 2 MHz points.

The only shortcomings in the HF-1000 I've noticed are the lack of synchronous
detection (this is supposed to be sent out as an upgrade chip later), and
IF passband tuning would be useful in the SSB modes. It is present in CW.

As you have probably guessed, I'm real happy with this receiver. I think
it will be the last one I will have to buy for quite a while.

****
AR3000 - 1 (More Info is Available by e-mail from (jlloyd@cs.clemson.edu)

My general impression, is that this is anyhow a very good apparate. It offers continuous coverage 0.1 : 2036 Mhz, all mode, RS232 interfacing, quite good operating commands, triple conversion, 400 memories; it is very compact (small tabletop, 1.2 Kg.), semi-portable; its 13 auto-selected front-end band filters reduce to some extent unavoidable intermodulation. In general, this set offers a self contained and very well balanced compromise of a lot of different demanding features, but will show its best when fully interfaced.

Its price, here in Italy, has been varying greatly during the years. Therefore I cannot say how it really competes with the choice of HF receiver + scanner setup. It is still unclear to me how far is the AR3000 from dedicated traffic receivers.

I'm finding a number of defects and "whish it was" that I'm going to list (I would like to hear comments about), but perhaps I'm just pretending too much from a receiver in which something had to be traded off between versatility and performance. Please note that I have a 4 years old AR3000; some defects could have been amelio-rated in the 3000A, or may eventually be specific of my unit.

Hardware limits:

-AM selectivity is mediocre (approx 10 khz bandwidth). I feel the lack of a variable Am bandwidth. SWL in crowded bands is too often spoiled by the 5Khz whistle. Thinking it was a problem of i.f. detuning, I once sent it to the service to have it retuned, but with no perceivable gain.

-In AM I do experience blocking. A strong transmitter mutes any weaker adjacent signal lying some -+30 khz apart. I suspect this may be rather a problem of AGC voltage (see below on squelch), because the feedback signal is obtained from the previous to the last i.f. stage, which may have a larger than necessary (for AM) bandwidth.

-The squelch control (essential in search mode) is not very functional. On my set almost everything passes for knob positions below .3 and only >S6 passes when I increase to .5. It may be a problem of adjustment, but also reflect the inaccurate behaviour of the S-meter, which (I have no measurements to support) seems not properly logarithmic. I have the impression that weak signals give a high S readout when close to stronger ones, because the S-meter averages on a larger bandwidth than the demodulator.
Also, the squelch just mutes the a.f. output, but not the line out signal.

-The internal speaker fidelity is scarce. No tone controls exist. Clarity improves a lot when connected to an external speaker or lineout. No noise reduction circuitry is present. External audio equalization does a lot, but of course is not the cure for low selectivity.

-There is no i.f. direct output for say a spectrum analyzer or a different demodulator (say wide band AM for satellite or TV, stereo FM decoder, sinchro SB AM decoder). A modify could be to buffer it to a backpanel jack.

-Intermodulation IS present. I live very close to power MW transmitter,
and in the times they're on the whole band .5 : 2.5 Mhz is unusable,
with crosstalk on every possible combination of transmitter frequencies.
At evening I sometimes hear sw bc stations crosstalks on 20 : 30 Mhz, even
with a short random wire antenna. However, I don't hear crosstalk due
to FM transmitters, which are also close to my place. The 13 front
end filters seem to do their job, since strong signals don't cause
crosstalk out of their respective preselector bands.

-I'm not very satisfied with the small and clicking rotary tuning control. In
the AR3000a it has been replaced with a (I guess optically encoded) smooth
one. I would rather appreciate a jog-shuttle like the one on VCRs, and the mod
itself seems quite easy too.
The tuning is however digital, and stepping frequency causes clicks, which
eventually trigger the squelch threshold during search. The final a.f. is
briefly muted while stepping, but I prefer the line-out signal which is
unaffected and thus has a faster response.

-There is a single antenna input for the entire range. I think this however is
correct, because whichever choice on different antennas is entirely dependent
on the user setup, and should be rather left to an externally programmed
antenna switch.

-Some digital RFI is generated, expecially in the high HF and low VHF. A real
antenna connected with a shielded cable and a good earth however wash it out.

-Some small change in sensivity and background noise can be perceived when
passing across one of the 13 band boundaries (by the way, they are 0.1-0.5,
0.5-2.5, 2.5-10, 10-30, 30-50, 50-108, 108-136, 136-174, 174-224, 224-335,
335-500, 500-940, 940-2036 Mhz), but this is unavoidable, and also due to
the change of the superetherodyne scheme.

Software limitations:

-Scanning is already very versatile for such a small machine. However, auto
memory storage of catched frequencies was forgotten. Also, the oddities in
the S-metering (see above) impose manual choice when scanning non regularly
channellized bands.

-There is a priority channel lookup feature, but the attention threshold has to
be the current squelch position. Apparently (see
//ftp.funet.fi/pub/dx/receivers/mods/aor300.mod) in
the 3000a a programmable lookup time was implemented, but it is not present on
the 3000.

-The mode and the tuning step change are set with several keystrokes. I feel it
quite tricky, expecially considering that I generally have to switch quickly
between 50 Hz/SSB, 500Hz/Am, 1.25 Khz/nfm, 50 Khz/WFM. The step x10 command is
very useful, but not enough.

Since the S-meter signal is output on the RS232, and the unit may be fully
remotely commanded, all this limits can be cleverly threspassed by an external
control software, thought.

I have experienced problems with the 232 interface. The cpu goes crazy very easily when the connector is plugged in/out, unless the "remote" switch on pin 7 is previously operated. This is (I understand) the reason why it was added on the 3000a. When the cpu goes on the moon, one generally has to open the set and to push the reset button (backside of the keyboard), losing all the memories .
Also, I cannot interface the scanner with an Atari St, either because the TTL level Txdata is to low for that serial port or because the continuous output of the S-meter simply is too fast for the Atari bios.
Passing by, note that the RS232 speed can be set to 9600 baud with a switch on the cpu board.
:
--
John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

3406. Re: SF Giants/ Candlestick Park Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-05-04 16:11:03 UTC
From: dgoodman@aol.com
Message-ID: <2q8hen$ml4@search01.news.aol.com>
Source record: 274765

Primary security frequency is 935.2375 (low power repeater). Occasionally, they "go to four," which is 935.6625. A couple of years ago, the SFPD at the stick was on 151.805, but they moved, and haven't found them yet.

Danny Goodman

3407. ASTRO/SECURENET

Newsgroup: rec.radio.scanner
Date: 1994-05-04 16:30:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.4591.5773.0N19D128@canrem.com>
Source record: 274766

> I just got some info from Mototola and have some questions. ASTRO is
> a line / model of radio that comes in both mobile and handheld versions
> correct? One of the featuress of the ASTRO radios is the ability to
> encrypt correct? SECURENET is a different type of encryption and is an
> optional feature for the ASTRO correct? So is it correct to say that
> Motorola has two encryption methods, one built into the ASTRO and one that
> can be bought as an option (SECURNET)?

I believe the ASTRO is Motorola's new digital radio. They would probably
use some sort of Securenet encryption to scramble the comms. The fact
that the radio is digital already helps in keeping eavesdroppers out.

Steve * JABBER v1.1 * Windows NT is the OS of the future and always will be...

3408. Re: Cops can't crypto?! R

Newsgroup: rec.radio.scanner
Date: 1994-05-04 16:30:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.4592.5773.0N19D129@canrem.com>
Source record: 274767

T > l4kn$7tf@sagan.nps.navy.mil>
> Newsgroup: rec.radio.scanner,alt.law-enforcement
> Organization: Naval Postgraduate School
>
> Here is my two cents if anybody cares. Why should police encrypt their
> transmissions? What are they trying to hide? Your two bit 7-11 street
> hood is not using a scanner for his $20 dollar armed robberies. Typically
> his scanner would cost more than what he gets in a robbery, so logic sort
> of says if he has a scanner he is not a criminal of the type that police
> are trying to use for their arguments.

You should really separate out the different facets of law enforcement before making such a generalization. Your right about the fact that most routine police work does not need encryption. It's the surveillance and 'special' investigation work that needs encryption. I've heard several cases of warrant searches being fruitless because the criminal had prior knowledge of the search through a scanner. The arrest of criminals who have firearms in their possession is another case. I'd rather the arrest be made in surprise then have the criminal lying in wait.

Steve * JABBER v1.1 * All general statements are false.

3409. Re: Now the April 26 has come and gone

Newsgroup: rec.radio.scanner
Date: 1994-05-04 17:08:07 UTC
From: crisp@netcom.com
Message-ID: <crispCpAFLJ.3n1@netcom.com>
Source record: 274762

In article <CpA5A5.FJ9@world.std.com> gdallal@world.std.com (Jerry Dallal) writes:
> The May-June Grove catalog arrived yesterday with the
> following bits of information . . .
>
> IOCM has announced they are removing the entire 800-900
> MHz portion from their R7100, R100, and R1 scanners.
>
> The popular Realistic PRO-2006 scanner has become the
> cellular-unrestorable PRO-2006A, while the PRO-43 handheld
> remains unchanged due to the difficulty of restoring its
> cellular capability.
>

So this means they have a 200mhz gap between 800 and 900 mhz?
If so this really sucks, not only is cellular removed but truniking,
900mhz hams, paging etc????

You guys need to all thank the ARRL for telling the feds that
"geez, we have no objection to cellular being removed". You folks
may not like the NRA, but at least they take the position of no further
restictions, period when it comes to their area of interest.

We have no such organization to represent and lobby for our interests

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3410. Re: Disney Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-05-04 17:08:44 UTC
From: tdtay@chevron.com
Message-ID: <tdtay.6.2DC7D697@chevron.com>
Source record: 274768

In article <2ph8b5$qgs@mustang.alleg.edu> berling@reis60.alleg.edu (Gordon Berlin) writes:
>Path:
>lhdsy1!uunet!sequent!gaia.ucs.orst.edu!news.uoregon.edu!vixen.cso.uiuc.edu!howla
>nd.reston.ans.net!cs.utexas.edu!convex!news.duke.edu!godot.cc.duq.edu!newsfeed.p
>itt.edu!nntp.club.cc.cmu.edu!cantaloupe.srv.cs.cmu.edu!fs7.ece.cmu.edu!mustang.a
>lleg.edu!
>news
>From: berling@reis60.alleg.edu (Gordon Berlin)
>Newsgroups: rec.radio.scanner
>Subject: Re: Disney Freqs.
>Message-ID: <2ph8b5$qgs@mustang.alleg.edu>
>Date: 25 Apr 94 20:14:29 GMT
>References: <6021@tdbunews.teradata.COM>
>Reply-To: berling@alleg.edu
>Organization: Allegheny College
>Lines: 11
>NNTP-Posting-Host: quig14.alleg.edu

> I recall reading here that, at least for security and operations
>area, Disney had moved to an 800 Mhz trunking -- can someone verify?

>Gordon

>--------
>Gordon Berlin berling@alleg.edu
>Hershey Vol. Fire Co. Allegheny College
>Hersheypark Safety and Security Meadville, PA
>Hershey, PA Compuserve:

Yes, they are moving to a trunked system at Disneyland. We will be co-channel
users so I've been following it quite closely.
/ David S. Taylor Texas A&M '87 Engineer, RF Systems /
/ Chevron Information Technology Co. Base Technology Dept. /
/ 1300 South Beach Blvd. Rm 2187 dtay@chevron.com /
/ La Habra, CA 90631 310-694-7280 /
/ /
/ If you want truly to understand something, try to change it." /
/ - Kurt Lewin - /

3411. Re: Now the April 26 has come and gone

Newsgroup: rec.radio.scanner
Date: 1994-05-04 17:17:24 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <CpAG13.CC4@cbnewsc.cb.att.com>
Source record: 274763

| ICOM has announced they are removing the entire 800-900
| MHz portion from their R7100, R100, and R1 scanners.

The question is, will ICOM AMERICA import the chips necessary to restore the 800-900Mhz range, or will someone have to import them? They would be "replacement parts" for the original sets...

I'm sure Canadian firms could do a good business selling the appropriate ICs via FedEx into the USA. Nothing more pathetic than the Top-of-the-Line consumer VHF/UHF set being shafted by the Federeles...

| The popular Realistic PRO-2006 scanner has become the
| cellular-unrestorable PRO-2006A,

So, will the old microprocesser chips that contain the cellular capability still be availiable for "servicing?" Does the LCD display still contain the "30Khz" display segment? If so, will this PRO-2006A be strictly for the United States market, and so Canada & Mexico would have access to the original PRO-2006 with cellular capability? (IC chips from Europe would have the inappropriate "25Khz" channel spacing used by their cellular systems, so we want a North American IC with 30Khz spacing.)

| while the PRO-43 handheld
| remains unchanged due to the difficulty of restoring its
| cellular capability.

Well, now we know that "difficult to restore" does not necessarily mean that it is impossible ELECTRICALLY to restore, merely that Joe Blow would have a hard time attempting it with a blowtorch and gas pipe pliers.

Therefore, I foresee the "Next Generation" having the correct ICs to scan the US cellular bans, but that you will have to punch your way through a bunch of shielded cans. YEAH!!! Now, how the hell do we decypher that Digital Cellular stuff the telcos are foisting on us??

3412. BC2500XLT or AOR1000XLT

Newsgroup: rec.radio.scanner
Date: 1994-05-04 17:23:55 UTC
From: txb00@amail.amdahl.com
Message-ID: <9405040923.AA55343@txb00-mac1.129.212.23.3>
Source record: 274760

Which scanner is the best deal for the money,
the BC2500XLT or the AOR1000XLT? Both units are
about the same price around my location.

or should I spend the few extra bucks a pick up a ?

If you had the choice, which scanner would you buy?

Thanks inadvance-

3413. Re: Wanted: Las Vegas Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-04 17:32:50 UTC
From: arias_bryan@radian.com
Message-ID: <arias_bryan.1.000C8C7D@radian.com>
Source record: 274665
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <2q70ds$gmo@kaiwan.kaiwan.com> jwh@kaiwan.com (John W. Herndon) writes:
>From: jwh@kaiwan.com (John W. Herndon)
>Subject: Wanted: Las Vegas Freqs
>Date: 3 May 1994 19:14:20 -0700

>I'm looking for any frequencies for the casinos, police, etc.. (or
>anything interesting) for the Las Vegas, Nevada area.

>If possible, please use email.

I would like these freqs also. Copy this to me please.

Thanx in advance,
BCA

~~~~~~~~
~~~~~~~~

3414. Looking for Pittsburgh Area frequencies...

Newsgroup: rec.radio.scanner
Date: 1994-05-04 17:42:02 UTC
From: kdwst2+@pitt.edu
Message-ID: <21754@blue.cis.pitt.edu>
Source record: 274764

Anybody have frequencies for the Pittsburgh area ?

(Or know a good FTP site to get them ?)

Please post or E-mail if you wish.

Thanks,

Kent

KDWST2+@PITT.EDU

3415. Frequency Lists For Ove

Newsgroup: rec.radio.scanner
Date: 1994-05-04 17:45:00 UTC
From: Hans-joergen.Strandby@f239.n109.z1.fidonet.org
Message-ID: <750_9405040816@blkcat.fidonet.org>
Source record: 274754

```
M |Newsgroups: rec.radio.scanner
M |From: mstone@nyx10.cs.du.edu (Matthew Stone)
M |Organization: Nyx, Public Access Unix at U. of Denver Math/CS dept.
M |
M |
M |Hi I am lookinf for frequencies lists for any overseas country..
M |Matthew

Hi, I am not having any complete lists, but I have put together a
brief list of frequency bands and their main use in NORWAY:

68 - 87.5 : An old band that are getting quieter and quieter.
Mainly used for Road Work.
Channel spacing: 25 KHz
Repeater out: 10 MHz +

146 - 155 : Fire, security etc.
Channel spacing: 25 KHz
Repeater out: 4.5 MHz +

158 - 174 : Fire, security, police (trunc) etc.
Channel spacing: 25 KHz
Repeater out: 8 MHz +

450 - 470 : Celluar (NMT450) plus some private repaters.
Channel spacing: 25 KHz
Repeater out: 10 MHz +

890 - 960 : Celluar (NMT900 + GSM) plus cordless.
Channel spacing: 12.5 KHz
Repeater out: 45 MHz +

PRO-43 - can't beat the feeling
***
* UniQWK v2.0 * The Windows Mail Reader

---------
Fidonet: Hans-joergen Strandby 1:109/239
Internet: Hans-joergen.Strandby@f239.n109.z1.fidonet.org
```

3416. Mods for the Icom R-100?

Newsgroup: rec.radio.scanner
Date: 1994-05-04 18:18:01 UTC
From: jacob@altair.csustan.edu
Message-ID: <CpAIu4.Fy8@koko.csustan.edu>
Source record: 274770

Does anyone out there who is familar with the internal
structure of the R-100 care to comment on the
feasibility of the following modifications:

1. Adding some sort of BFO circuitry?

2. Narrowing (or at least improving) the IF bandwidth.
(would replacing the 455 ceramic resonators with
real 455khz crystals do any good?)

Any comments would be appreciated.

Cheers, Dave

)

3417. Re: Cops can't crypto?! R

Newsgroup: rec.radio.scanner
Date: 1994-05-04 19:25:55 UTC
From: horak@convex.com
Message-ID: <horak.768079555@convex.com>
Source record: 274769

In <60.4592.5773.0N19D129@canrem.com> steve.jones@canrem.com (Steve Jones) writes:

>I've heard several
>cases of warrant searches being fruitless because the criminal had prior
>knowledge of the search through a scanner. The arrest of criminals who
>have firearms in their possession is another case. I'd rather the arrest
>be made in surprise then have the criminal lying in wait.

As a side note, our Plano, Texas police department went to 800MHz trunked freqs about a year ago. They always get new toys from the rich folks taxes but that's another story. Anyway, I heard them using encription yesterday afternoon. It sounded a lot like the FBI's DES. There was no mistaking it. So, I guess our "plain-ol" town is getting pretty sophisticated. The trunked freqs are a real pain to listen to in the day hours because everyone from the sewer man to the dog catcher is on them :-(After hours monitoring can be fun though. A lot of them like to use their cell phones for privacy during those late night hours :-)

David

3418. Wanted: Golden, CO freqs please.

Newsgroup: rec.radio.scanner
Date: 1994-05-04 20:12:53 UTC
From: ryan@nevada.edu
Message-ID: <2q8vk5$m4i@post-office.nevada.edu>
Source record: 274636
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I'm relocating to Golden, CO. I would like all the frequencies
for Golden, Denver and others.

Please e-mail me here, or post for others benefit.

Thanks for the help.

Best O' Luck
:-)

The probability of someone watching you is in direct
proportion to the stupidity of your actions.

ryan@nevada.edu
702.895.4527
702.895.3791 Fax
702.698.7046 Beeper

3419. what to get Pro43, AR1500, AR1000, Yaesu FT-530 w/ ext. rec?

Newsgroup: rec.radio.scanner
Date: 1994-05-04 20:25:48 UTC
From: blake@lonestar.utsa.edu
Message-ID: <1994May4.202548.1648@ringer.cs.utsa.edu>
Source record: 274771

Since there is no chance of me getting a MVT-7100 in the near future... which of the above would you most favor as your second pick? I would not mind having the 1500, but have heard some bad things about it like intermod troubles, insensitivity, and, is there a lot to listen to on SSB and good enough selectivity below 30 MHZ? It couldn't be worse than my Pro2022 I used to have... Should I just get the 1000 and the not much better sensitivity for just $40 less? The Pro43 is the best for its price range, but it isn't continous coverage or as rangy as the AORs. I am a new ham that hasn't much been interested in operating telephone but would like an HT that could do double duty as an occasional scanner, but I know I will be sacrificing a lot of things like selectivity and step increments. Any one I choose, I'll be doing something stupid anyway if the scanning hobby is killed by digital...

73

3420. National College Lacrosse Finals Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-04 21:22:23 UTC
From: gtenedios@shrsys.hslc.org
Message-ID: <4MAY94.21222312@shrsys.hslc.org>
Source record: 274675

Does any one have knowledge of the freq's for the Lacrosse finals at Byrd Stadium , UNiv of Maryland,from May 28-30.

thanks for your help in advance,

George

3421. Re: Handheld stand

Newsgroup: rec.radio.scanner
Date: 1994-05-04 21:22:24 UTC
From: thomas@venice.sedd.trw.com
Message-ID: <1994May4.212224.6849@venice.sedd.trw.com>
Source record: 274772
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

Try metal book-ends, slipping the scanner's belt-clip over the top of the bookend. Can't get much cheaper than that.

Rob

3422. Re: Marine frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-04 21:29:20 UTC
From: parv@kimbark.uchicago.edu
Message-ID: <1994May4.212920.27641@midway.uchicago.edu>
Source record: 274773

Thanks. Actually, two things you might want to know:

22 is the Coast Guard to non-CG frequency, where you'll hear plenty of traffic between boaters and the CG...

21A and 23A are the two main CG interservice frequencies; if there's something big going on those two will be the ones the Guard talks on...

Dave Parvin

3423. Re: Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-05-04 21:43:50 UTC
From: sean@sdg.dra.com
Message-ID: <1994May4.164350.680@sdg.dra.com>
Source record: 274683
Cross-posted to: rec.radio.scanner,alt.law-enforcement

In article <2q6gn4$rqi@umcc.umcc.umich.edu>, tim@umcc.umcc.umich.edu (Tim Tyler) writes:
> I am. Protecting the public involves efforts to protect the integrity
> of sensitive law enforcement operations as well as restricted info
> (criminal histories) or information generally deemed to be private.

Ah, that's the crux of the matter. What information is generally deemed to be private. In fact a lot of law enforcement information is not private. For example, in Missouri the police blotter is open for public inspection for a minimum of thirty days. You don't need to be a cop, a lawyer, or a reporter to look at it. Any member of the public can inspect it. Although, in practice, some police departments may refuse your request unless you get a court order. Perhaps more annoying, is some police departments are now charging the public (but it is often waived for lawyers, and reporters) an "inspection fee." There are also periodic battles whether other police logs such as 911-tape recordings, radio recordings, or MDT computer files are confidential or not.

Why should the public be allowed to review law enforcement records? Of course there are the issues of public accountablity and oversight. Are the police slower to respond to certain neighborhoods than other neighborhoods? Are drivers of a certain race being stopped more than other motorists? Are official vehicles being misused for personal use?

When law enforcement officials are acting in their official capacity, they have to assume their actions are going to be subject to public scrutiny. If they are using police department equipment, they shouldn't be surprised if people assume they are acting in their official capacity. Don't use police department stationary to write love letters to your spouse, and don't use police department radios for private discussions.
--
Sean Donelan, Data Research Associates, Inc, St. Louis, MO
Domain: sean@dra.com, Voice: (Work) +1 314-432-1100

3424. Scanners

Newsgroup: rec.radio.scanner
Date: 1994-05-04 21:48:20 UTC
From: mathews@mindvox.phantom.com
Message-ID: <0emTLc4w165w@mindvox.phantom.com>
Source record: 274682

Can anyone elain the procedure neccessary in orderto modify any of the handheld scxanners that Radio Hack offers... Includi model numbers and specific parts.... Any help would e appr.. I think that I read a Phile somewhere about it but im not sure where....

Mail me direct or post...

Thanx to all helpers..
Later ..... MAT

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_____________________________________
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_____>mathews@mindvox.phantom.com
```

3425. Re: Pro-43 vs. BC2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-05-04 21:48:43 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2dc80bb9@f747.n115.z1.fidonet.org>
Source record: 274687

cj> I choose the 2500 over the Pro-43 because of features (bells &
cj> whistles) and the range covered. The 43 only does am & nfm. I am happy
cj> with my 2500. In high rf areas I have a 12db attenuator, so no
cj> problem. Carl (EX-Jarhead) Semper Fi

Carl...

Which attenutator are you using? I would be interested in using one
with my 2500.

Thanks...Jerry

3426. HB-232 Software Interface into the Public Domain?

Newsgroup: rec.radio.scanner
Date: 1994-05-04 22:00:21 UTC
From: gary@kimbark.uchicago.edu
Message-ID: <1994May4.220021.28833@midway.uchicago.edu>
Source record: 274774
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I was told that there was a version of the HB-232 interface for the Mac and that the PC version of HB-232 was released into the public domain.

Can someone clue me in on where to find the Mac version of HB-232 and if PC HB-232 is in the PD?

Thanks,
Gary / KE9ZM

3427. RatShack Pro46 On Sale

Newsgroup: rec.radio.scanner
Date: 1994-05-04 22:33:16 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2dc83053@f747.n115.z1.fidonet.org>
Source record: 274688

ve> My new Radio Shack sales flyer lists the Pro46 handheld
ve> scanner on sale for $189.95, down from $229.95.

ve> Any comments on the quality of this scanner? Is there
ve> an easy restoration of cellular freq's? I checked out
ve> ftp at oak.oakland.edu and didn't see anything. They
ve> did have a number of mods for the 2006 which I just
ve> bought (luv it!).

Hi, Charles...Haven't heard too many comments about it. The unit is made
by Uniden for RS. Sort of similiar to the BC 200 XLT.

Product: Realistic PRO-46 by Radio Shack
Purpose: Restoration of full 800 Mhz coverage

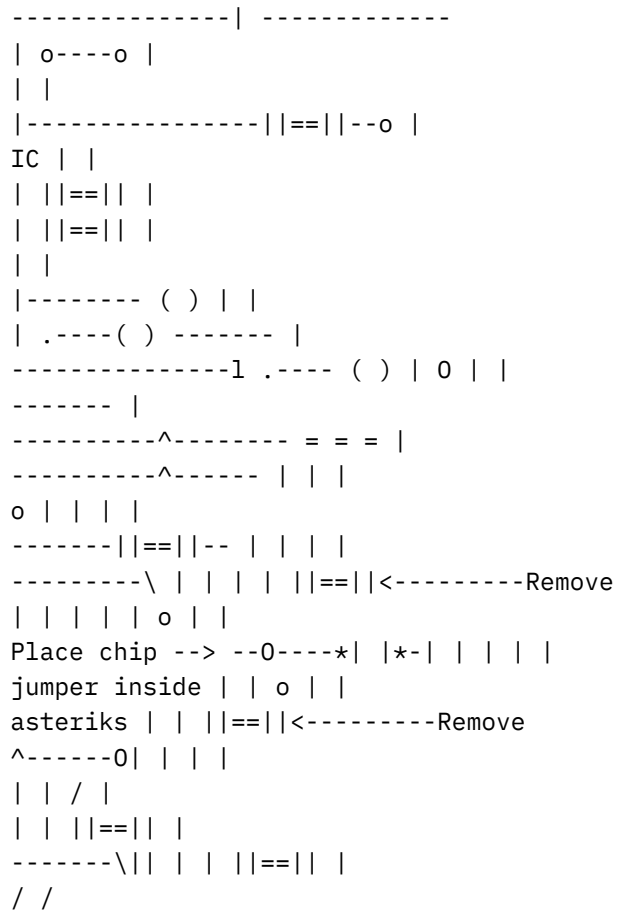
The modification of this unit is from the May, 1993 issue of
Monitoring Times, published by Grove Enterprises.

** Disclaimer: All modifications are done at your own risk. This
product uses surface mount components which can be easily damaged.
Do not perform this modification if you are not experienced with
this type of circuitry. This will void the warranty of your scanner.

** Listening to certain portions of the 800 Mhz band is prohibitted
by United States law.

Modification of PRO-46 for full 800 Mhz coverage with 30 Khz stepping
available.

1. Remove the battery pack, battery door and antenna.
2. Remove the four black screws from the back of the radio, then
push upward on the bottom of the rear of the case, carefully
swinging it upward and removing it.
3. Carefully insert a small screwdriver between the two boards
next to the interconnect plug in the lower right corner. Gently
pry the top board up to separate it and set it aside.
4. Unsolder the copper-coated plastic shield from the microprocessor
and set it aside. ** CAUTION!! Too much heat will damage the
shield. **
5. Locate the two chip jumpers imprinted with "0". Carefully unsolder
and remove both.
6. Solder one chip jumper across the two upper most unused solder
pads. (Soldering a jumper across the lower two pads changes the
30-50 Mhz band to 68-88 Mhz.)
7. Reverse steps 1-4. The modification is completed.


Remove
Remove
Remove
Place chip --> --O----*| |*-| | | | |
jumper inside | | o | |
asteriks | | ||==||<---------Remove
^------O| | | |
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/ /

Jerry

3428. PRO 46 Modification

Newsgroup: rec.radio.scanner
Date: 1994-05-04 22:35:47 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2dc83054@f747.n115.z1.fidonet.org>
Source record: 274686

Product: Realistic PRO-46 by Radio Shack
Purpose: Restoration of full 800 Mhz coverage

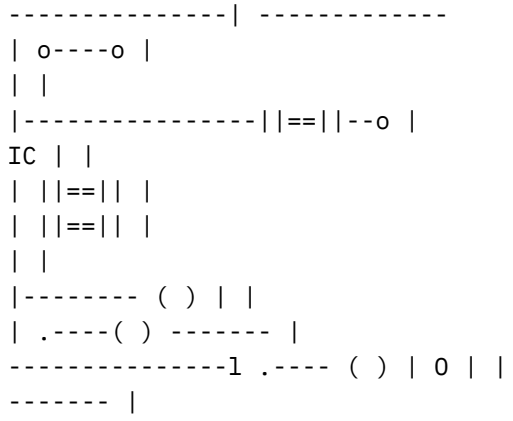
The modification of this unit is from the May, 1993 issue of
Monitoring Times, published by Grove Enterprises.

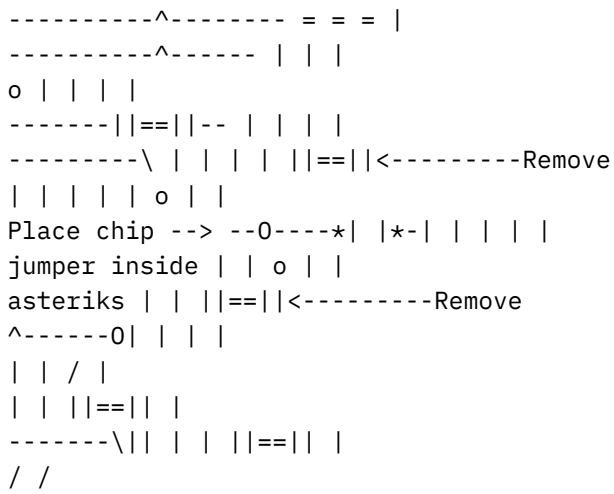
** Disclaimer: All modifications are done at your own risk. This
product uses surface mount components which can be easily damaged.
Do not perform this modification if you are not experienced with
this type of circuitry. This will void the warranty of your scanner.

** Listening to certain portions of the 800 Mhz band is prohibitted
by United States law.

Modification of PRO-46 for full 800 Mhz coverage with 30 Khz stepping
available.

1. Remove the battery pack, battery door and antenna.
2. Remove the four black screws from the back of the radio, then
push upward on the bottom of the rear of the case, carefully
swinging it upward and removing it.
3. Carefully insert a small screwdriver between the two boards
next to the interconnect plug in the lower right corner. Gently
pry the top board up to separate it and set it aside.
4. Unsolder the copper-coated plastic shield from the microprocessor
and set it aside. ** CAUTION!! Too much heat will damage the
shield. **
5. Locate the two chip jumpers imprinted with "0". Carefully unsolder
and remove both.
6. Solder one chip jumper across the two upper most unused solder
pads. (Soldering a jumper across the lower two pads changes the
30-50 Mhz band to 68-88 Mhz.)
7. Reverse steps 1-4. The modification is completed.





Jerry

3429. Pro 43 Modification

Newsgroup: rec.radio.scanner
Date: 1994-05-04 22:36:33 UTC
From: Jerry.Smith@f747.n115.z1.fidonet.org
Message-ID: <2dc83055@f747.n115.z1.fidonet.org>
Source record: 274685

Product: Realistic Pro-43
Purpose: Restore full 800 Mhz continuous coverage

Modification is from the publication Monitoring Times
September, 1992 Page 107

** Warning...This procedure will void your warranty

** Do not attempt this modification unless you are familiar with small component soldering. Performing this modification is done at your own risk. If you don't feel comfortable doing the mod, DON'T.

** Static damage is quite possible as the modification involves work near the microprocessor. A static strap is highly recommended.

** This modification restores certain portions of the 800 Mhz band that is against U.S. federal law to monitor.

Tools needed...Fine point low powered soldering iron, solder wick or de-soldering tool (I recommend the wick), pointed awl, hemostats or pointed tweezers, small phillips screwdriver, solder.

1. Remove the battery, antenna and back cover (held in place by four screws)

2. Remove the six screws holding the top circuit board in place. Carefully unsolder the two antenna connections from the board. Bend the antenna ground tab fully up form the board. Crefully lift the board, unplugging the black connector at its base, and lay the board out of the way on its bundle of colored wires.

3. Remove the two screws from the next board and lift it, carefully unplugging the white connector at the bottom of the board. Lift it up and lay it aside on its brown wire (which can be unplugged if necessary).

4. Unsolder and remove the metal shield from the final board, revealing the microprocessor; note the row of diodes labelled D1-D5 above it. Only diodes D1, D2 and D4 are present; assisted by a pointed tool, unsolder and remove D4; the lone diode. (This restores full 800 Mhz continuous coverage which will use 30 khz stepping when appropriate.)

5. Re-assemble the scanner, paying particular attention to the alignment of the plugs. Test the radio by entering any frequency in the 800 Mhz band that could not be programmed before.

Modification is complete.

Jerry

3430. Scanners

Newsgroup: rec.radio.scanner
Date: 1994-05-04 22:51:39 UTC
From: bo4373ch@meteor.uscolo.edu
Message-ID: <9405042253.AA25937@meteor.uscolo.edu>
Source record: 274677

I'm interest in acquiring a scanner, before I leave back to Brazil for
the summer. I'm looking for a good realiable scanner in a huge city,
and also one that is cell restorable. I've heard a lot about Pro-47
and Pro-2006. Could anyone help me find the right one for me ?

Also how can I check if the Pro-47s and 2006 RS is selling has
a cellular block not restorable ?

Any other sugestions about other models and brands are welcome.

Thanks for your help, and sorry for the newbie's questions.

Replies by e-mail to: bo4373ch@meteor.uscolo.edu

3431. Re: CB-Phone patch ?

Newsgroup: rec.radio.scanner
Date: 1994-05-04 23:04:37 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2q99m5$r93@cronkite.ocis.temple.edu>
Source record: 274678

I learned today, that listening to the nj state pd freq's
on trunking (800) that the recently installed
call boxes along route 295 in gloucester county actually are like
a phone (hesitation from calling it a cell phone)
that call central dispatch, and they relay it to the local pd,
the funny part is that they (the dispatchers)
don't appear to know know what box is calling, and
they don't know that it is even a call box, from the way they
were talking. "Oh, you are calling from a call box?"
But nevertheless, it is interesting.
(I never heard the voice calling, just the dispatcher.)

Oh, the most important part of the whole thing is that the
frequencies that are used for the call boxes are the same as the
nj state trunking frequencies!! Pretty cool-o , Huh?

my question is, that If I hear them on the trunking frequencies
assigned for the state pd, then can the state pd cars actually talk
to them or can they hear them?

[AUTO .Sig posting]

###
# #
Scanner BBS 610-525-4004
14.4K / 24 hours/day / no ratios / CD ROM
120 min/day / no verification
call today and do all the downloading you
want! that is what it's here for!
# #
Specializing in Scanner & Ham radio files
and catering to Cellular phone interests
and Text files galore.
# #
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[AUTO .Sig posting]

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Scanner BBS 610-525-4004
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[AUTO .Sig posting]

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# want! that is what it's here for! #
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# Specializing in Scanner & Ham radio files #
# and catering to Cellular phone interests #
# and Text files galore. #
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```

3432. Nj state Call boxes

Newsgroup: rec.radio.scanner
Date: 1994-05-04 23:06:19 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2q99pb$r93@cronkite.ocis.temple.edu>
Source record: 274679

I learned today, that listening to the nj state pd freq's
on trunking (800) that the recently installed
call boxes along route 295 in gloucester county actually are like
a phone (hesitation from calling it a cell phone)
that call central dispatch, and they relay it to the local pd,
the funny part is that they (the dispatchers)
don't appear to know know what box is calling, and
they don't know that it is even a call box, from the way they
were talking. "Oh, you are calling from a call box?"
But nevertheless, it is interesting.
(I never heard the voice calling, just the dispatcher.)

Oh, the most important part of the whole thing is that the
frequencies that are used for the call boxes are the same as the
nj state trunking frequencies!! Pretty cool-o , Huh?

my question is, that If I hear them on the trunking frequencies
assigned for the state pd, then can the state pd cars actually talk
to them or can they hear them?

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[AUTO .Sig posting]

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and catering to Cellular phone interests
and Text files galore.
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# Specializing in Scanner & Ham radio files #
# and catering to Cellular phone interests #
# and Text files galore. #
# #
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3433. Re: CB-Phone patch ?

Newsgroup: rec.radio.scanner
Date: 1994-05-04 23:07:11 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <2q99qv$r93@cronkite.ocis.temple.edu>
Source record: 274680

-=FOOBARF=- (camter28@astro.ocis.temple.edu) wrote:

Crapola. Sorry, I messed up on the subject of this one.
I'm reposting it with the proper subject now. Sorry.
(Hey, we all make mistakes here and there. . some more than others.)

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want! that is what it's here for!
# #
Specializing in Scanner & Ham radio files
and catering to Cellular phone interests
and Text files galore.
# #
##

3434. Re: cordless phone

Newsgroup: rec.radio.scanner
Date: 1994-05-04 23:18:16 UTC
From: dave@frackit.UUCP
Message-ID: <4622@frackit.UUCP>
Source record: 274689

In article <2pm41g$muh@cutter.clas.ufl.edu>, sjh@math.ufl.edu (Steven J. Horn) writes:
- Our neighbors monitor our cordless phone conversation
- and I would like to know what is a good cordless phone
- which would prevent this - preferably something under
- $200. Please e-mail me at sjh@math.ufl.edu

Unless your neighbors are electronic-literates the Motorola flip-phone
(America Series 100 - looks like the cellular units they sell) will fill
the need. It uses a rudimentary scrambling method to keep casual
listeners away. Scanner-hackers CAN crack it though.

--
Dave Ratcliffe vogon1!frackit!dave@cse.psu.edu
Harrisburg, Pa.

3435. Airwave Auction -- Article by George Gilder [long]

Newsgroup: rec.radio.scanner
Date: 1994-05-05 00:25:26 UTC
From: amullick@vaxc.stevens-tech.edu
Message-ID: <1994May4.192526.1@vaxc.stevens-tech.edu>
Source record: 274681

Reposted to rec.radio.scanner from comp.dcom.telecom.
==========
The article below is long, but if you get through it
it is very interesting in terms of the future of radio.

Apu
amullick@vaxc.stevens-tech.edu

Date: Fri, 29 Apr 1994 13:24:38 -0400
From: gaj@portman.com (Gordon Jacobson)
Subject: George Gilder's Seventh Article - Auctioning The Airwaves

This series of articles by George Gilder provides some interesting technological and cultural background that helps prepare readers to better understand and place in proper perspective the events relative to the National Data Super Highway, which are unfolding almost daily in the national press. I contacted the author and Forbes and as the preface below indicates obtained permission to post on the Internet. Please note that the preface must be included when cross posting or uploading this article.

The following article, AUCTIONING THE AIRWAVES, was first published in Forbes ASAP, April 11, 1994. It is the seventh article in a series excerpted from chapters in George Gilder's book, Telecosm, which will be published 1995 by Simon & Schuster, as a sequel to Microcosm, published in 1989 and Life After Television, published by Norton in 1992. Further chapters of Telecosm are scheduled to be published in future issues of Forbes ASAP.

Please post Auctioning The Airwaves to any Usenet newsgroups deemed suitable.

AUCTIONING THE AIRWAYS

BY

GEORGE GILDER

Imagine it is 1971 and you are chair of the new Federal Computer Commission. This commission has been established to regulate the natural monopoly of computer technology as summed up in the famous Grosch's Law. In 1956 IBM engineer Herbert Grosch proved that computer power rises by the square of its cost and thus necessarily gravitates to the most costly machines. According to a famous IBM projection, the entire world could use some 55 mainframes, time-sharing from dumb terminals and keypunch machines. The owners of

these machines would rule the world of information in an ascendant information age. By the Orwellian dawn of 1984, Big Bre'r IBM would establish a new digital tyranny, with a new elite of the data-rich dominating the data-poor.

As head of the computer commission, you launch a bold program to forestall this grim outcome. Under a congressional mandate to promote competition for IBM and ensure the principle of universal computer service, you ordain the creation of some 2,500 mainframe licenses to be auctioned to the highest bidders (with special licenses reserved for minorities, women and farmers). To ensure widespread competition across all of America, you establish seven licenses in each metropolitan Major Trading Area and seven in every rural Basic Trading Area as defined by Rand McNally. To guarantee universal service, you mandate the free distribution of keypunch machines to all businesses and households so that they can access the local computer centers.

In establishing this auction in 1971, you had no reason at all to notice that a tiny company in Mountain View, Calif., called Intel was about to announce three new technologies together with some hype about "a new era of integrated electronics." After all, these technologies -- the microprocessor; erasable, programmable read-only memory (EPROM); and a one-kilobit dynamic random access memory (DRAM) -- were far too primitive to even compare with IBM's massive machines.

The likely results of such a Federal Computer Commission policy are not merely matters of conjecture. France pretty much did it when it distributed free Minitel terminals to its citizens to provide them access to government mainframes. While the United States made personal computers nearly ubiquitous buying perhaps 100 million since the launch of the Minitel in the late 1970s the French chatted through central databases and ended up with one-quarter as many computers per capita as this country, and one-tenth the number of computer networks. Today, PC networks are leading the US economy to world dominance while Europe founders without a single major computer company, software firm or semiconductor manufacturer.

IT IS NOW 1994, and Reed Hundt, the new chairman of the Federal Communications Commission, is indeed about to hold an auction.

Rather than selling exclusive mainframe licenses, the current FCC is going to sell exclusive ten-year licenses to about 2,500 shards of the radio spectrum. Meanwhile, a tiny company called Steinbrecher Corp. of Burlington, Mass., is introducing the new microprocessor of the radio business.

In the world of radio waves ruled by the Federal Communications Commission, the Steinbrecher MiniCell is even more revolutionary than the microprocessor was in the world of computing. While Intel put an entire computer on a single chip, Steinbrecher has put an entire cellular base station -- now requiring some 1,000 square feet and costing $ 1.5 million -- in a box the size of a briefcase that costs $

100,000 today. Based on a unique invention by Donald Steinbrecher and on the sweeping advance of computer technology, the MiniCell represents a far bigger leap forward beyond the current state of the art than the microprocessor did. What's more, this MiniCell is in fact much superior to existing cellular base stations. Unlike the 416 hard-wired radio transceivers (transmitter-receivers) in existing base stations, the MiniCell contains a single digital broadband radio and is fully programmable. It can accommodate scores of different kind of cellular handsets.

Most important, the MiniCell benefits from the same technology as the microprocessor. Making possible the creation of this broadband digital radio is the tidal onrush of Moore's Law. In an antithesis of Grosch's Law, Gordon Moore of Intel showed that the cost-effectiveness of microchip technology doubles every 18 months. This insight suggested the Law of the Microcosm -- that computing power gravitates not to the costliest but to the cheapest machines. Costing $ 100,000 today, the MiniCell will predictably cost some $10,000 before the turn of the century.

In time, these digital MiniCells will have an impact similar to that of the PC. They will drive the creation of a cornucopia of new mobile services -- from plain old telephony to wireless video conferencing -- based on ubiquitous client/server networks in the air. Endowing Americans with universal mobile access to information superhighways, these MiniCells can spearhead another generation of computer-led growth in the US economy. Eventually, the implications of Steinbrecher's machines and other major innovations in wireless will crash In on the legalistic scene of the FCC.

And that's only the beginning of the story.

Going on the block in May will be 160 megahertz (millions of cycles per second) of the radio frequency spectrum, divided into seven sections of between 10 and 30 megahertz In each of 543 areas of the country, and devoted to enhanced Personal Communications Services (PCS).

Existing cellular systems operate in a total spectrum space of 50 megahertz in two frequency bands near the 800 megahertz level. By contrast, PCS will take four times that space in a frequency band near two gigahertz (billions of cycles per second). Became higher frequencies allow use of lower-power radios with smaller antennas and longer-lasting batteries, PCS offers the possibility of a drastically improved wireless system. Unfortunately, the major obstacle to the promise of PCS is the auction.

Amid the spectrum fever aroused by the bidding, however, new radio technologies are emerging that devastate its most basic assumptions. At a time when the world is about to take to information superhighways In the sky -- plied by low-powered, pollution-free computer phones -- the FCC is in danger of building a legal

infrastructure and protectionist program for information smokestacks and gas guzzlers.

Even the language used to describe the auction betrays its fallacies. With real estate imagery, analysts depict spectrum as "beachfront property" and the auction as a "land rash." They assume that radio frequencies are like analog telephone circuit: no two users can occupy the same spot of spectrum at the same time. Whether large 50-kilowatt broadcast stations booming Rush Limbaugh's voice across the nation or milliwatt cellular phones beaming love murmurs to a nearby base station, radio transmitters are assumed to be infectious, high-powered and blind. If one is on the highway, everyone else has to clear out. Both the prevailing wisdom and the entrenched technology dictate that every transmitter be quarantined in its own spectrum slot.

However, innovations from such companies as Steinbrecher and Qualcomm Inc. of San Diego overthrow this paradigm. Not only can numerous radios operate at non-interfering levels in the same frequency band, they can also see other users' signals and move to avoid them. In baseball jargon, the new radios can hit 'em where they ain't; in football idiom, they run for daylight. If appropriately handled, these technologies can render spectrum not scarce but abundant.

These developments make it retrograde to assign exclusive spectrum rights to anyone or to foster technologies that require exclusivity. Spectrum no longer shares any features of beachfront property. A wave would be a better analogy.

The New Rules Of Waves

In the early decades of this century, radio was king. Electronics hackers played in the waves with a variety of ham, citizens band and short-wave machines.

Experimenting with crystal sets, they innocently entered the domain of solid-state devices and acquired some of the skills that fueled the electronic revolution in the United States and the radar revolution that won World War II. The first point-contact transistor, created by John Bardeen and Walter Brattain at Bell Labs in 1948, functioned like a crystal radio. The first major solid-state product was a 1954 Texas Instruments pocket radio with six germanium transistors.

Over the following decades, the radio became a mass commodity. There are now some 230 million radios in the United States alone, not even including more than 16 million cellular phones (which are in fact portable two-way radios). Radios roll off Asian assembly lines at a rate that might be meaningfully measured in hertz (cycles per second), and they come in sizes fit for pockets, belts, watches and ears. But the romance of radio has died and given way to the romance of

computers.

Today it is PC technology that engages the youthful energies previously invested in radio technology. The press trumpets a coming convergence between computers and TVs and games and films. But no one talks much about radios. For many years, we have been taking radios for granted.

As the foundation of wireless communications, however, radio -- no less than TV or films -- will burst into a new technoscape as a result of a convergence with computers. The hackers of the '50s and '60s are joining forces with the hackers of the '80s and '90s to create a new industry. Moore's Law is about to overran the world of radio.

You double anything every 18 months and pretty soon you find yourself with a monster. During the 1970s and 1980s, Moore's Law overturned the established order in the computer industry and spawned some 100 million personal computers that are as powerful as million-dollar mainframes were when the revolution began. In the current decade, Moore's Law is upending the telephone and television industries with interactive teleputers that will be able to send, receive, shape and store interactive full-motion video. And during the next five years, Moore's Law is going to transform exotic and costly radio equipment once consigned to the military and outer space into the basic communications access routes for the new world economy.

To understand this new world of radio, however, you must forget much of what you learned about the old world of radio. For example, these new radios differ radically from the radios of the past in the way they use spectrum, the way they interfere with one another and the way they are built.

For some 15 years, a hacker of the 1950s named Don Steinbrecher and a small group of students and associates have been making the world's most powerful and aerobatic radios. Steinbrecher radio gear can soar to spectrum altitudes as high as 94 gigahertz to provide radar "eyes" for smart bombs and pies, plunge down to the cellular band at 800 megahertz to listen in on phone calls or drop discretely to 30 megahertz -- waves that bounce off the ionosphere -- for remote over-the-horizon radar work identifying cocaine traffickers flying in low from Latin America. At the same time, some of these radios may soon command enough dynamic ranges of accurate broadband reception -- rumored to be as high as 120 decibels (one trillion-to-one) -- to detect a pin drop at a heavy-metal rock concert without missing a high-fidelity note or twang.

Like every radio transceiver, a Steinbrecher radio must have four key components: an antenna, a tuner, a modem and a mixer. The antenna part is easy; for many purposes, your metal shirt hanger will do the trick (backyard wire fences collect millions of frequencies). But without tuners, modems and mixers, nothing reaches its final

destination -- the human ear.

A tuner selects a desired carrier frequency, usually by exploiting the science of resonant circuits. A modem is a modulator-demodulator. In transmitting it applies information to the carrier frequency by wiggling the waves in a pattern, called a modulation scheme, such as AM or FM. In receiving the modem strips out (demodulates) the information tom the carrier wave.

The key to Steinbrecher radios is the broadband mixer. It surmounts what was long seen as an impossible challenge: moving a large array of the relatively high career frequencies on the antenna down to a so-called baseband level where they can be used without losing any of the information or adding spurious information in the process. Compared to FM carrier frequencies of 100 megahertz or even PCS frequencies of two gigahertz, baseband audio frequencies run between 20 hertz and 20 kilohertz.

Mixers were the basic Steinbrecher product, and in 1978 and 1980, Steinbrecher acquired patents on a unique broadband mixer with high range and sensitivity called the Paramixer. Even to its expected military customers, the Paramixer was a hard sell because other radio components were unable to keep pace with its performance. Today, however, the Paramixer is the foundation of the Steinbrecher radio in the MiniCell.

In the old world of radio, transceivers integrated all of these components -- antenna, tuner, modem and mixer -- into one analog hardware system. Because the radio is analog and hard-wired, its functions must be standardized. Each radio can receive or transmit only a very limited set of frequencies bearing information coded in a specific modulation scheme and exclusively occupying a specific spectrum space at a particular power range. If you are in the radio business -- whether as an equipment manufacturer such as Motorola or Ericsson, a provider of services, such as McCaw or Comsat, or a broadcaster, such as NBC or Turner -- you care deeply about these hard-wired specifications, frequencies and modulation schemes.

Comprising the "air standard," these issues embroil businesses, politicians, standards bodies and regulators in constant warfare. For everything from High Definition Television to digital cellular and cordless telephony, standards bodies are wrangling over frequencies and modulation schemes.

How Digital Radios Can End The Spectrum Wars

To the people at Steinbrecher Corp., all these wrangles seem utterly unnecessary. With antennas, tuners, modems and mixers, wideband digital radios perform all the same functions as ordinary radios. Only the antenna and mixer are in hardware, and these are generic; they don't care any more about air standards than your shirt hanger does.

In Steinbrecher radios, all of the frequency tuning, all of the modulating and demodulating, all of the channelization, all of the coding and decoding that so embroil the politicians are performed by programmable digital signal processors and can be changed at a base station in real time. Strictly speaking, the tuner and modem are not part of the base station radio at all. The broadband radio in a Steinbrecher base station can send or receive signals to or from any handset or mobile unit operating within its bandwidth (in current cellular systems the full 12.5 megahertz of the band; in PCS, still larger bands of as much as 30 megahertz).

All the processing of codes, frequencies, channels and modulations, as well as all special mobile services, can move onto computers attached to the network. Steinbrecher technology thus can open up the spectrum for open and programmable client/server systems like those that now dominate the computer industry. Moore's Law, in fact, is changing radios into portable digital computers. The most pervasive personal computer of the next decade will be a digital cellular phone operating at least 40 MIPS (millions of instructions per second).

Today the performance of analog-to-digital converters defines the limits of Steinbrecher radios. Even if the mixers are perfect, the system's performance can be no better than the accuracy of the A/D processors that transform the output of the mixers into a digital bit stream for the DSPs. Steinbrecher estimates that better broadband A/D converters -- which can sample wave forms more accurately at high frequencies -- could increase the performance ofSteinbrecher systems by an amazing factor of 10. Pushed by demands and designs from Steinbrecher, Analog Devices and other suppliers are advancing converter technology nearly at a pace with Moore's Law, and Steinbrecher's broadband digital radios are rapidly approaching the ideal.

As Don Steinbrecher puts it, broadband A/D and DSP have changed wireless "turn a radio business to a computer business." At first, the computer portion of a broadband radio was very expensive. Until the early 1980s, military customers performed advanced broadband analog-to-digital conversion and digital signal processing on million-dollar custom supercomputers. In 1986, an advanced DSP system for graphics at Bell Labs entailed the use of 82 AT&T DSP32 chips and supporting devices in a custom computer that cost some $ 130,000. Today, these same functions are performed on an Apple Quadra 84o AV using an AT&T 3210 running at 33 megaflops (million floating-point operations per second) and 17 MIPS for under $ 20 in volume. This rising tide of advances in digital technology, propelled by Moore's Law, is about to sweep Steinbrecher's recondite radio company into the midst of a mass market in cellular telephony.

And the entire cellular and PCS industries will be beating a path to Steinbrecher's door. Just as millions of people today have learned the meaning of MIPS and megabytes, millions of people around the

world, believe it or not, are going to come to understand the meaning of "spurious-free dynamic range."

As a very rough analogy, imagine cranking the volume of your radio as high as possible without marring the desired signal with static and distortion. The spurious-free dynamic range of your radio would measure the distance between the lowest and the highest volumes with a clear signal. In more technical terms, spurious-free dynamic range is defined as the range of signal amplitudes that can simultaneously be processed without distortion or be resolved by a receiver without the emergence of spurious signals above the noise floor.

In building broadband radios with high dynamic range, however, Steinbrecher faced a fundamental technical problem. As a general rule, bandwidth is inversely proportional to dynamic range. You can have one or the other, but you can't have both. The broader the band, the more difficult it is to capture all of its contents with full accuracy and sensitivity or with full spurious-free dynamic range. An ordinary radio may command a high dynamic range of volumes because it is narrowband.

But Steinbrecher radio does not begin by tuning to one frequency alone; it gasps every frequency in a particular swath of spectrum. In some extreme Paramixer applications (94-gigahertz radar, for example), the bandwidth could be 10 gigahertz -- larger than the entire range of spectrum commonly used in the air, from submarine communications at 60 hertz to C band satellite at 6 gigahertz.

In most Steinbrecher applications that require high dynamic range, however, the bandwidth runs between a few megahertz and hundreds of megahertz (compared to 30 kilohertz in a cellular phone). Unless all of the frequencies captured by the broadband radio are really present in the band rather than as artifacts of the equipment -- in technical jargon, unless the signals are spurious-free -- the radio user cannot tell what is going on, cannot distinguish between spurs and signals.

Steinbrecher has devoted much of his career to the graft of spurious-free dynamic range. Soon after he arrived at Massachusetts Institute of Technology in September 1961 to pursue work on device physics, he moved into the school's new Radio Astronomy Lab. The radio astronomers were using millimeter waves at 75 gigahertz to probe remote galaxies and pour through evidence of a big bang at the beginning of time. Because the return reflections from outer space were infinitesimal, the radio telescopes had to command a bandwidth of at least two gigahertz, a spurious-free dynamic range of more than 100 decibels (tens of billions-, or even trillions-to-one) and noise levels of less than 10 decibels (millionths of a watt).

The telescope signals turned out not to be spurious-free. More than 90 percent of the receiver noise -- the spurious signals --

originated in the frequency converter or mixer, which translated the 75-gigahertz millimeter waves in cascading analog stages of diodes and transistors, fed by tunable local oscillators, down to baseband levels that could be usefully analyzed. This impelled Steinbrecher's obsession with spurious-free dynamic range in mixers.

To achieve high dynamic range in broadband mixers, Steinbrecher discovered, was chiefly a problem of the basic physics of diodes. At the University of Florida, at ECI Corp. and at MIT, Steinbrecher had pursued studies in device physics focusing on the theory of PIN junctions -- the positive-negative interfaces that create the active regions in diodes and transistors. How cleanly and abruptly they switch from on to off -- how fully these switches avoid transitional effects--determines how well they can translate one frequency to another without spurs.

From this experience, Steinbrecher concluded in 1968 that receivers could be built with at least a thousand times more dynamic range than was currently believed possible. He assigned his student Robert Snyder to investigate the issue mathematically, integrating the possible performance of each component into the performance of a mixer. Snyder's results stunningly continued Steinbrecher's hypothesis. They predicted that in principle -- with unlimited time and effort -- the linearity and dynamic range of a radio could be improved to any arbitrary standard. In a key invention, Steinbrecher figured out how to create a diode circuit that could produce a perfect square wave, creating a diode with essentially zero switching time.

Steinbrecher then proceeded to put his theory into practice by developing the crucial diode and field-effect transistor arrays, mixers, amplifiers and other components necessary to build a working system of unparalleled dynamic range. Most of their advances required detailed knowledge of the behavior of P/N junctions. To this day, the performance of Steinbrecher's equipment depends on adjustment to unexpected nonlinearities and noise sources that were discovered as part of Robert Snyder's work but are still not integrated into the prevailing models of diode behavior.

Beyond radio astronomy, the people who were interested in analyzing signals of unknown frequencies, rather than tuning into preset frequencies, were in the field of military intelligence. Enemies did not normally announce in advance the frequencies they planned to use or how they would modulate them. Steinbrecher Corp.'s first major contract came in the early 1980s for remote over-the-horizon radar (ROTHR) systems used to detect planes carrying drugs from Latin America. Steinbrecher also won contracts to supply MILSTAR satellite transceivers and 94-gigahertz "eyes" for smart munitions and jet aircraft.

In 1986 these large potential businesses began to attract venture capitalists, including EG&G venture partners, The Venture Capital Fund of New England and Raytheon. As often happens, the venture

capitalists sought professional management. They pushed Steinbrecher upstairs to chairman and summoned a Stanford EE graduate named Douglas Shute to manage the company's move from a manufacturer of hard-sell mixers Into a producer of revolutionary digital radios.

Still, Steinbrecher Corp. long remained a tiny firm occupying a dingy one-story building in a Woburn, Mass., industrial park, where it rarely pulled in more than $ 5 million in revenues. Not until the early 1990s, when its technology converged with Moore's Law, did the company begin to escape its niche.

Collision With Texas Instruments' DSP

Indeed, strictly speaking even Moore's Law was not enough to make this Pentagon turkey fly. Crucial was Texas Instruments' mid-1980s campaign to remake the digital signal processor into a commodity device comparable to Intel's microprocessor. Creating development systems and software tools, TI transformed the DSP from an exotic and expensive printed circuit board full of integrated circuits into a single programmable microchip manufactured in volume on the same factory floor the company used to produce hundreds of millions of dynamic random access memories. The results exceeded all expectations. Outpacing Moore's Law by a factor of nearly four for some eight years so far, DSP cost-effectiveness began soaring tenfold every two years. Pricing the devices for digital radios, Douglas Shute saw that the wideband digital radio had "moved onto the map as a commercial product."

Also in 1989, a secret contractor asked the company if its radios could snoop on calls in the cellular band. After gigahertz explorations in radio astronomy and military projects, the 12.5 megahertz of the cellular bandwidth seemed a piece of cake. Although this national security application never came through, the idea galvanized the company. If it should need a commercial market, cellular telephony was a good bet.

The pull of opportunity, however, is usually less potent than the push of catastrophe -- which is the key reason for socialism's failure. Insulating the economy from failure, it also removes a key spur for success. For all the bureaucratic rigmarole of military procurement, producers for the Pentagon live in a relatively comfortable socialist world of cost plus contracts.

In 1989, however, just before the fall of the Soviet Union, Steinbrecher began to get clear signals from Washington that the market for his products was about to collapse. MILSTAR remained an experimental program; the ROTHR system was halted after the creation of just four stations with 1,600 mixers; and suddenly the cellular opportunity was not merely an attractive option -- it was crucial for survival.

When Shute and Steinbrecher viewed the cellular scene in the United States, however, they became increasingly disdainful. These radio companies had no more idea of what was possible in radio technology than had the MIT engineering lab when he arrived in 1961. Indeed, Steinbrecher Corp.'s first potential customer -- a wireless colossus -- refused even to meet with Shute: The chief technologist said he had investigated digital radios several years before and determined they were unable to achieve the requisite dynamic range. Moreover, at scores of thousands of dollars apiece, digital signal processors were far too expensive. Most cellular executives, along with their Washington regulators, seemed stuck in a 1970s time warp when analog still ruled and DSP was a supercomputer.

Importing Obsolescence

As a result, the entire industry was convulsed by what Shute and Steinbrecher saw as a retrograde war over standards. Because Europe in general lagged far behind the United States in adopting analog cellular technology, the EEC had sponsored a multinational drive to leapfrog the United States by adopting a digital standard, which could then be exported to America. The standard they chose was called GSM (global services mobile), a time-division multiple-access (TDMA) scheme that exceeded analog capacity by breaking each channel into three digital time slots. Racing to catch up, the American industry adopted a similar TDMA approach that also increased the current system's capacity by a factor of three. With McCaw Cellular in the lead, American firms quickly committed themselves to deploy TDMA as soon as possible.

Then in 1991, Qualcomm unleashed a bombshell Exploiting the increasing power of DSPs to process digital codes, the company demonstrated a spread-spectrum, code-division multiple-access (CDMA) modulation scheme that not only increased capacity some twentyfold over analog but also allowed use of the entire 11.5 megahertz of the cellular bandwidth in every cell. To prevent interference between adjoining cells, analog and TDMA systems could use a frequency in only one cell out of seven.

Much of the industry seemed paralyzed by fear of choosing the wrong system. To Shute and Steinbrecher, however, these fears seemed entirely reckless. Using wideband digital radios, companies could accommodate any array of frequencies and modulation schemes they desired TDMA, CDMA, voice, data and eventually even video. Shute resolved to adapt Steinbrecher's advanced radio technology to these new markets. In mid-1991, Shute rushed ahead with a program to create a prototype cellular transceiver that could process all 12.5 megahertz of the cellular bandwidth and convert it to a digital bit stream.

The first major customer for the radios turned out to be ADC-Kentrox, a designer of analog cell extenders designed to overcome "dead zones" caused by large buildings in urban areas. This system was limited in reach to the few hundred meters the signals could be sent over analog wires without deterioration. By converting the

signals to digital at the remote site, the Steinbrecher radio extended this distance from hundreds of meters to scores of kilometers and allowed the price of the product to remain at $ 100,000.

But these gains concealed the potential impact and meaning of the Steinbrecher technology. Once again, the Steinbrecher radios are being used to complement the existing system rather than overthrow it. In a similar way, McCaw plans to buy some $ 30 million worth of Steinbrecher machines to carry through its cellular digital packet data (CDPD) network. To be provided to 95 percent of McCaw's regions by the end of 1995, CDPD is a data overlay of the existing cellular system, which allows users of the current analog system to send digital data at a rate of 19.2 kilobits per second, compared to the 9.6-kilobit-per-second rate offered by most modems over twisted-pair wires.

The Steinbrecher radio can survey any existing swath of spectrum in real time and determine almost instantly which channels are in use and which are free. It is this capability that convinced McCaw to buy Steinbrecher data cells despite the commitment of McCaw's putative owner, AT&T, to sell narrowband units made by Cirrus Logics' subsidiary Pacific Communications Sciences Inc. (PCSI), which have to scan through channels one at a time. McCaw is using the Steinbrecher radios as sniffers that constantly survey the cellular band and direct data bursts to those channels that are not being used at a particular time.

Indeed, the immediate needs of the marketplace alone justify the adoption of Steinbrecher data cells. With modems and antennas increasingly available and even moving sometime next year to PCMCIA slots the size of a credit card, demand for wireless data is likely to soar.

PCSI is now shipping a quintuple-threat communicator that fits into the floppy bay of an advanced IBM ThinkPad notebook or an Apple PowerBook, enabling them to send and receive faxes, make wireless or wire-line phone calls, dispatch data files across the existing cellular network or send CDPD packets at 19.2 kilobits per second. Speech recognition capabilities from IBM and Dragon Systems will come next year to personal digital assistants, permitting them to read or receive E-mail by voice. Although the first Newtons and Zoomers have disappointed their sponsors, the market will ignite over the next two years as vendors adopt the essential form factor of a digital cellular phone with computer functions rather than providing a kluge computer with a vaporware phone.

Nonetheless, McCaw has more on its mind with Steinbrecher than merely gaining a second source for CDPD sniffers. By simultaneously purchasing some 10 percent of the company and putting chief technical officer Nicholas Kauser on the Steinbrecher board, McCaw is signaling not a tactical move but a major strategic thrust. The Steinbrecher rollout in fact represents McCaw's stealth deployment of broadband

digital capability.

Today the rival CDPD equipment from PCSI, Hughes and AT&T all can be made to perform CDPD communications as an overly to the existing cellular phone system. However, only the Steinbrecher systems can be upgraded to perform all of the functions of a base station and more, for voice, data and video. Only Steinbrecher allows the replacement of 416 radio transceivers, one for each channel, with one broadband radio and some digital signal processing chips. Only Steinbrecher can replace a $ 1.5 million, 1,000 square foot cellular base station with a box the size of a briefcase costing some $ 100,000 but, thanks to Moore's Law, racing toward $ 10,000.

It remains to be seen only whether McCaw will have the guts to follow through on this initiative by completely rebuilding its network to accommodate the wideband radio being installed at its heart. Self-cannibalization is the rule of success in information technology. Intel and Microsoft, for example, lead the way in constantly attacking their own products. But this mode of life is deeply alien to the telephone business -- even an entrepreneurial outfit like McCaw.

With new software and a simple upgrade to a MiniCell, the Steinbrecher DataCell will allow the McCaw system to handle all modulation schemes simultaneously -- AMPS, TDMA, CDMA and future methods such as Orthogonal Frequency Division Multiple Access -- obviating the need for hybrid phones. The multiprotocol and aerobatic capabilities of broadband digital radios could enable McCaw to roll out a cornucopia of PCS services -- for everything from monitoring vending machines or remote power stations to tracking tracks and packages, and linking laptops and PDAs -- while the rest of the industry is still paralyzed by wrangles over incumbent users, regulatory procedures, frequency access and radio standards.

Making channel sizes a variable rather than a fixed function of radios, Steinbrecher systems offer the possibility of bandwidth on demand. They could open up the entire spectrum as one gigantic broadband pipe into which we would be able to insert packets in any empty space -- dark fiber in the air.

So Stop The Auction

So what does this have to do with the impending spectrum auction? Almost everything. Strictly speaking, the FCC is leasing 10 year exclusive rights to radiate electromagnetic waves at certain frequencies to deliver PCS. This entire auction concept is tied to thousands of exclusive frequency licenses. It has no place for broadband radios that treat all frequencies alike and offer bandwidth on demand. It has no place for modulation schemes that do not need exclusive spectrum space. Continuing to use interference standards based on analog transmissions that are affected by every passing spray of radiation, FCC rules fail to grasp the far more robust nature of digital on-off codes with error correction. By the time the FCC gets

around to selling its 1,500 shards of air, the air will have been radically changed by new technology.

The FCC is fostering a real estate paradigm for the spectrum. You buy or lease spectrum as you would a spread of land. Once you have your license, you can use it any way you want as long as you don't unduly disturb the neighbors. You rent a stretch of beach and build a wall.

The Steinbrecher system, by contrast, suggests a model not of a beach but of an ocean. You can no more lease electromagnetic waves than you can lease ocean waves. Enabled by new technology, this new model is suitable for an information superhighway in the sky. You can use the spectrum as much as you want as long as you don't collide with anyone else or pollute it with high-powered noise or other nuisances.

In the Steinbrecher model, you employ the spectrum as you use any public right of way. You are responsible for keeping your eyes open and avoiding others. You cannot just buy a 10 year lease and then barge blindly all over the air in a high-powered vessel, depending on the government to keep everyone else off your territory and out of your way. The spectrum is no longer dark. The Steinbrecher broadband radio supplies you with lights as you travel the information superhighway. You can see other travelers and avoid them.

Even if Steinbrecher radios did not exist, however, the assumptions of the auction are collapsing in the face of innovations by Qualcomm and other spread-spectrum companies. Like Steinbrecher radios, CDMA modulation schemes allow you to use spectrum without interfering with others. To auditors without the code, calls seem indistinguishable from noise. But radios with the code can dig up signals from under the noise floor. Up to the point of traffic congestion where the quality of the signal begins to degrade gracefully, numerous users can employ the same frequencies at the same time.

This property of CDMA has been tested in Qualcomm's CDMA Omnitracs position locator and two-way communications system. Mainly used by trucking companies, it is now being extended to cars, boats, trains and other mobile equipment. Based on geosynchronous satellites, it operates all across the country, with some 60,000 units, under a secondary license that forbids Qualcomm to interfere with the primary license-holders of the same frequencies. Qualcomm's transceivers on the tops of trucks use a small antenna that issues a beam six to 10 degrees in width. Because satellites are just two degrees apart, the Qualcomm beam can blanket several satellites. Other users, however, are entirely unconscious of the presence of the CDMA signal. Omnitracs has operated for some six years and has not interfered with anyone yet.

No More Blind Drivers On The Information Superhighway

With an increasing array of low-interference technologies available, the FCC should not give exclusive rights to anyone. Instead, it should impose a heavy burden of proof on any service providers with blind or high-powered systems that maintain that they cannot operate without an exclusive license, that want to build on the beach and keep everyone else out of the surf. In particular, the FCC should make all the proponents of TDMA, whether in the American or European GSM systems, explain why the government should wall off spectrum. The wireless systems of the future will offer bandwidth on demand and send their packets wherever there is room.

At the same time that new technologies make hash of the need to auction off exclusive licenses, Qualcomm and Steinbrecher also radically attack the very notion of spectrum scarcity on which the auction is based. Steinbrecher's radio makes it possible to manufacture new spectrum nearly at will. By putting one of his MiniCells on every telephone pole and down every alley and in every elevator shaft, the cellular industry can exponentially multiply the total number of calls it can handle. At some $ 100,000 apiece and dropping in price, these MiniCells can operate at 900 megahertz or six gigahertz just as well as at the two-gigahertz range being auctioned by the government. It is as if Reed Hundt is auctioning off beachfront property, with a long list of codicils and regulations and restrictive covenants, while the tide pours in around him and creates new surf everywhere.

Still more important in view of the coming auction, the wideband capability of the Steinbrecher radio joins CDMA in allowing the use of huge spans of spectrum that are ostensibly occupied by other users. The Steinbrecher radio can survey the gigahertz reserves of the military and intelligence services, UHF television and microwave, and direct usage to the many fallow regions. For example, the prime territory between 225 megahertz and 400 megahertz, consisting of some 3,0130 25-kilohertz channels, is entirely occupied by government and air force communications. But most of the channels are largely unused. A Steinbrecher radio could sit on those frequencies and direct calls to empty slots.

An ideal system would combine Steinbrecher broadband machines with Qualcomm's modulation schemes. Steinbrecher supplies the lights and eyes to find space in already licensed spectrum bands; CDMA allows the noninvasive entry Into spans of spectrum that are in active use.

Meanwhile, the Steinbrecher system changes the very nature of spectrum "ownership" or rental. Unrestricted to a single band or range of frequencies, Steinbrecher radios can reach from the kilohertz to the high gigahertz and go to any unoccupied territory. As Steinbrecher radios become the dominant technology, the notion of spectrum assignments allotted in 2,500 specific shards becomes a technological absurdity.

Wall Street is beginning to catch on. When Steinbrecher announced in January a private placement through Alex. Brown, the

company wanted to raise some $ 20 million. The response was overwhelming, and hundreds of frustrated Investors were left wringing their hands as the new radio left the station. The sole proprietorship of the mid-1980s with revenues of $ 5 million or less was moving into sleek new headquarters off Route 198 in Burlington. Steinbrecher Corp. was becoming yet another of the Moore's Law monsters.

Meanwhile, the issue for Washington emerges starkly. Do we want a strategy for MiniCells or for Minitels?

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[Originally] Posted by:

Gordon Jacobson
Portman Communication Services
(212) 988-6288

gaj@portman.com gaj1@eniac.seas.upenn.edu
MCI Mail ID: 385-1533 Channel One BBS - Cambridge, MA

3436. Michigan (detroit) freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-05 02:27:00 UTC
From: cg74s627@instem.uucp
Message-ID: <cg74s627.050n@instem.uucp>
Source record: 274709

anyone with a list for the Detroit area.....I have the "police call" but .....

Chris

3437. Re: ASTRO/SECURENET

Newsgroup: rec.radio.scanner
Date: 1994-05-05 02:42:34 UTC
From: vector@hotcity.COM
Message-ID: <vector.1vt9@hotcity.COM>
Source record: 274696

i don't know anything about the astro line. however what i do know is that on the SECURENET encryption available for the motorola saber line of radios, securenet is basically digitized voice transmitted over 9600 baud data packets.

vector@hotcity.com

vector@hotcity.com

3438. Re: Marine frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-05 03:37:17 UTC
From: thomas@venice.sedd.trw.com
Message-ID: <1994May5.033717.26000@venice.sedd.trw.com>
Source record: 274691

Channel 83 -- 157.175 -- is another CG favorite in the Los Angeles area.

In L.A. the CG also has a "tactical" frequency of 162.125 that is not typically available on VHF marine radios. They sometimes use encryption on that freq.

Also in L.A., maybe elsewhere, helo operations may be monitored on 237.9, 381.7 and 381.8, all in AM.

Rob

3439. Re: what to get Pro43, AR1500, AR1000, Yaesu FT-530 w/ ext. rec?

Newsgroup: rec.radio.scanner
Date: 1994-05-05 04:16:05 UTC
From: dbmartin@netcom.com
Message-ID: <dbmartinCpBAIt.yD@netcom.com>
Source record: 274692

: mind having the 1500, but have heard some bad things about it like
: intermod troubles, insensitivity, and, is there a lot to listen to on SSB
: and good enough selectivity below 30 MHZ? It couldn't be worse than my
: Pro2022 I used to have... Should I just get the 1000 and the not much
: better sensitivity for just $40 less? The Pro43 is the best for its price
: range, but it isn't continous coverage or as rangy as the AORs. I am a new
: ham that hasn't much been interested in operating telephone but would like
: an HT that could do double duty as an occasional scanner, but I know I
: will be sacrificing a lot of things like selectivity and step increments.
: Any one I choose, I'll be doing something stupid anyway if the scanning
: hobby is killed by digital...

I have an AR100, and it is a good radio but a pain in the rear to
program. I read that the Ar1500 is worse. I also have a Pro-37 (the 43
uses the same controls) and it is easy to use and program. I think that
the gaps in the 43 are mainly TV signals. The only proboem with the 43
is finding someone to restore full 800 coverage! On SSB, I find that
the 1000 does not pick up < 30 mhz as well as a SW receiver, so I wonder
if SSB for this range would be worth the price?

Good luck.

3440. Help for the AR1000?

Newsgroup: rec.radio.scanner
Date: 1994-05-05 04:17:13 UTC
From: dbmartin@netcom.com
Message-ID: <dbmartinCpBAKp.11L@netcom.com>
Source record: 274693

I purchased a AR100, but I am having problems with the POOR
manual and I need as much help as I can get! Is there a good book or an
FTP site with materials about in the inner working of the 1000?

Thanks.

3441. Scanner FTP sites?

Newsgroup: rec.radio.scanner
Date: 1994-05-05 04:19:18 UTC
From: dbmartin@netcom.com
Message-ID: <dbmartinCpBAo7.18s@netcom.com>
Source record: 274694

Are there any FTP sites that have scanner and Shortwave info?

Thanks.

3442. Re: cordless phone

Newsgroup: rec.radio.scanner
Date: 1994-05-05 04:23:09 UTC
From: dbmartin@netcom.com
Message-ID: <dbmartinCpBAuL.1q0@netcom.com>
Source record: 274695

Steven J. Horn (sjh@math.ufl.edu) wrote:
: Our neighbors monitor our cordless phone conversation
: and I would like to know what is a good cordless phone
: which would prevent this - preferably something under
: $200. Please e-mail me at sjh@math.ufl.edu

: Thanks,
: Steve

I think that the new 900 spread spectrum phones can not be scanned.

3443. Re: RS 1000 channel base scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-05 06:46:12 UTC
From: karlm@rci.ripco.com
Message-ID: <CpBHH1.B39@rci.ripco.com>
Source record: 274700

Gary Ross (ross@novax.llnl.gov) wrote:
: Radio Shack now has a 1000 channel base scanner in the works (GRE built and
: not cellular restorable). Might be out later this year.

My 2006 already has over 25,000 channels (via a reasonable easy mod). At least the new one will be built by GRE which means it'll probably be a pretty decent radio.

3444. Re: Doubts

Newsgroup: rec.radio.scanner
Date: 1994-05-05 07:58:12 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <2qa8uk$pm7@freenet3.scri.fsu.edu>
Source record: 274684
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I assume you already know that the Pro-2006 can receive many more frequencies, and what those additional bands are for. Is there anything of interest to you on these bands?
What are the laws concerning scanners in Brasil? Here in Florida it is illegal to have a scanner mounted in your vehicle, but it's perfectly okay to have one, let's say, laying on your seat.
Are you interested in doing modifications to your scanner? You can do these to both scanners, but space for many more in the Pro-2006.
Will you be in noisy situations? If so, you'll need to wear ear-phones to listen to the Pro-43, because it's got a tiny speaker.
Confused? No problem. Do like I did and get both! Call Marymac Industries at (800) 231-3680 and ask their prices, compared to the catalog (and even sale) prices of local Radio Shack's.

3445. Wanted: ICOM R7100

Newsgroup: rec.radio.scanner
Date: 1994-05-05 08:38:49 UTC
From: dpalik@milori.ccit.arizona.edu
Message-ID: <1994May5.013849.1@milori.ccit.arizona.edu>
Source record: 274702

Wanted:

Icom R7100

If you have one you would sell, please send e-mail to:

dpalik@ccit.arizona.edu

Don Palik

3446. Re: Handheld stand

Newsgroup: rec.radio.scanner
Date: 1994-05-05 11:10:20 UTC
From: mtiernan@world.std.com
Message-ID: <CpBtp9.62I@world.std.com>
Source record: 274690
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

<imer400@hyrax.iupui.edu> wrote:
> bm495@cleveland.Freenet.Edu (David Moore) writes:
> >Subject: Handheld stand
> >Has anyone purchased
> >one of their handheld stands? Any other suggestions? I'm looking for
> >something to buy not make, I'm LAZY....

I'll suggest what I use for my scanner with a belt clip, a book
end. Yes, a book end. Bend the back of it back in the
direction of the long (under book) tongue, then either put glued
rubber feet on it (I'd suggest 3) or some hot melt glue or
silicon sealer on the bottom then just drop your unit onto the
new stand. Very stable and $1.50 in single prices. :)
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

3447. Re: Scanner FTP sites?

Newsgroup: rec.radio.scanner
Date: 1994-05-05 12:50:12 UTC
From: john@aio.jsc.nasa.gov
Message-ID: <1994May5.125012.24544@aio.jsc.nasa.gov>
Source record: 274697

In article 18s@netcom.com, dbmartin@netcom.com (David Martin) writes:
> Are there any FTP sites that have scanner and Shortwave info?
>
> Thanks.
>

Check out: rigel.oakland.edu

3448. Scanner Case...

Newsgroup: rec.radio.scanner
Date: 1994-05-05 12:55:21 UTC
From: john@aio.jsc.nasa.gov
Message-ID: <1994May5.125521.24787@aio.jsc.nasa.gov>
Source record: 274698

I just purchased a PRO 43 and am interested in getting a protective
leather case for it. Anybody know of a good place to get one?

3449. Re: Help for the AR1000?

Newsgroup: rec.radio.scanner
Date: 1994-05-05 13:24:47 UTC
From: schuster@panix.com
Message-ID: <2qas2v$jn6@panix2.panix.com>
Source record: 274711

In article <dbmartinCpBAKp.11L@netcom.com>,
David Martin <dbmartin@netcom.com> wrote:
>I purchased a AR100, but I am having problems with the POOR
>manual and I need as much help as I can get! Is there a good book or an
>FTP site with materials about in the inner working of the 1000?

Buy Howard Bornstein's "Guide to the AR1000"; I don't have his address handy but he advertises every month in the back of Monitoring Times under the company name Design Equilibrium.

It is **THE** book for this radio, period.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3450. Opinions?

Newsgroup: rec.radio.scanner
Date: 1994-05-05 13:55:05 UTC
From: cal@ee.ryerson.ca
Message-ID: <2qatrp$pon@hermes.acs.ryerson.ca>
Source record: 274699

I've been lurking here for awhile to find out a bit about scanners.
I'm a railfan and have been considering getting a scanner, but I need
to a little more before buying one.

For my intended purposes, I know I need the following:

- a portable unit
- the ability to scan railroad frequencies (160-170MHz)
- the ability to program in banks of frequencies that can
be enabled and disabled as needed (for example, one bank
would have the frequencies used in a particular location
by a particular railroad)

What I am not sure about other characteristics, such as scan rate.
What is recommended?

I spoke with a salesman at a Radio Shack store (realizing that I
may not get the answers I need) and was told that all their scanners
with more than 10 channels could be programmed in banks of 10. Is
this true?

One further question, I came across a used PRO-35 scanner for
$150 (Canadian). Would this model be suitable for my purposes and
is this a good price?

--
Calvin Henry-Cotnam, CATE | "...My brain IBM"
Ryerson Polytechnic University | "So if you see me, acting strangely..."
Toronto, Ontario, Canada | STYX, Mr. Roboto

3451. scanner repair

Newsgroup: rec.radio.scanner
Date: 1994-05-05 14:03:07 UTC
From: elwood@mit.edu
Message-ID: <elwood.118.000E0DB5@mit.edu>
Source record: 274713

Someone must know somewhere to send a busted aor 900..
The squelch knob is broken..

i posted before and noone responded but it seems to me that someone somewhere
fixes them or knows where to go...

thanks

3452. Pro 2006 rf meter mod

Newsgroup: rec.radio.scanner
Date: 1994-05-05 14:42:08 UTC
From: magnet@nRCHs022
Message-ID: <2qb0k0$ruo@corpgate.nt.com>
Source record: 274701

Hello all,

While watching TV last night in the Dallas area, I noticed a news article involving a metal building contractor who was taking people's downpayments and not providing any service. During the course of the article a certain man who had been scammed was being interviewed. He talked about monitoring the contractor's radio system and providing incriminating evidence from the recordings he had made. While this is all kind o neat from a scanner nerd perspective, I noticed his pro2006 had a line of LED's up the center crevis which ramped with signal input! Now thats really neat! Does anyone know about a published mod for this application? I've checked the usuall places and don't see anything relative to this mod.

Thanks for any help.

-Brad

--
brad.glidewell@nt.com

3453. Re: Pro-2006 emmits low hum

Newsgroup: rec.radio.scanner
Date: 1994-05-05 15:04:28 UTC
From: tharrell@nmsu.edu
Message-ID: <2qb1tsINN6i7@dns1.NMSU.Edu>
Source record: 274708

The Warlick's (dscdlwx@gsusgi2.Gsu.EDU) wrote:
: My pro-2006 started emitting a low hum whenever it is plugged in, it isnt
: annoying until everything else in the room is off, then it seems deafening.
: Any ideas, I don't know a thing about electronics. It is an older 2006, I
: think I bought it in July 1990, any help would be appreciated.
: Thanks, Franklin

Might be transformer hum. A quick fix is to buy one of those power converters at Radio Shack (the AC to DC ones) and plugging it into the DC jack on your 2006. The transformer won't hum because there's no power running though it and your 2006 will run cooler too. Or so that's what I've heard...
--

T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

3454. Re: Where are the Yupis? (Bans, etc.)

Newsgroup: rec.radio.scanner
Date: 1994-05-05 15:18:32 UTC
From: starr@rand.org
Message-ID: <2qb2o8$obd@katzen.rand.org>
Source record: 274707

In article <crispCp5rrs.I73@netcom.com> Richard Crisp <crisp@netcom.com> wrote:
>Well just remember that it is not legal to bring one back in according to the
>new law that is now fully operational. I believe the unavoidable outcome
>is that the prices on these ever popular scanners will rise. There was a
>guy that had a few for sale recently on the net..... :-)

You mean that guy blowing smoke about machine guns and heroin and communism,
and the hazards of shipping from (in retrospect, reliable) foreign retailers
-- in order to shake loose a couple of buyers for non-warranteed scanners
at ~15-20% above retail? :-)

In article <crispCpAFLJ.3n1@netcom.com> Richard Crisp <crisp@netcom.com> wrote:
>this really sucks, not only is cellular removed but trunking,
>900mhz hams, paging etc????
>You guys need to all thank the ARRL for telling the feds that
>"geez, we have no objection to cellular being removed". You folks
>may not like the NRA, but at least they take the position of no further
>restictions, period when it comes to their area of interest.
>We have no such organization to represent and lobby for our interests

Fair point. Amateur organizations represent marginal
interests in the eyes of the general public.
So, de facto, their privileges exist at the pleasure of the regulatory agency.
An unenviable choice:
1. Be an NRA-style gadfly, and get bashed regularly.
2. Become complicit with the agency, to maintain some rights
that the agency deems harmless.

Cheers to those who spoke out on the Illinois ban,
and got its author to rethink the implications.

3455. Pro43 HELP

Newsgroup: rec.radio.scanner
Date: 1994-05-05 15:40:02 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <2qb40i$p6u@paperboy.gsfc.nasa.gov>
Source record: 274704

Real quick question, while removing the boards
on my 43 I cut the antenna wire and no longer
have it. I replaced the wire with a piece of
braided electrical wire. Will this cause
reception loss ? if so, what type of wire
(gauge ....) is best to use from the antenna to
the board??
The piece of wire I used was only about 1 inch long.

By the way, the speaker also went out a few days
ago and I had to by a new one, (I here this is a
known problem)

3456. Scanners forsale (2)

Newsgroup: rec.radio.scanner
Date: 1994-05-05 15:49:06 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <2qb4hi$pc5@paperboy.gsfc.nasa.gov>
Source record: 274705
Cross-posted to: rec.radio.swap,rec.radio.scanner

I have 2 scanners for sale

Here's the stats

Desk Model Pro 2028
New as of 1/1/94
$90
50 channels
29-54
108-136.975
137-174
406-512

Handheld Model Pro 38
10 channels
$50
29-54
136-174
406-512

I will pay shipping and handling charges on any scanner.

They all receive fire,police,rescue,cordless phones.

You can call me at work (301) -286-6457 Richard

3457. Re: Pro 2006 rf meter mod

Newsgroup: rec.radio.scanner
Date: 1994-05-05 17:35:18 UTC
From: msaran@pt.olympus.net
Message-ID: <2qbaom$4fe@olympus.net>
Source record: 274716

I have a 2004 with all the bells and whistles. The mod was done by Lester Jurnigan (sp?) at Lescomm. His address (1990) was P.O. box 5212 Jacksonville, AK 72076. Lester put in a vertical yellow LED signal meter, that may be what you are describing. He also installed a pre-amp and faster scan/search speed. BTW the faster scan mod also caused a loud hum with the light on high - on low the hum is very low.

-m
--
Mark Saran
msaran@pt.olympus.net

3458. Re: cordless phone

Newsgroup: rec.radio.scanner
Date: 1994-05-05 17:57:49 UTC
From: fussy@hairball.Eng.Sun.COM
Message-ID: <2qbc2t$9v4@engnews2.Eng.Sun.COM>
Source record: 274715

In article 010594151821@mac03.lafortune.lab.nd.edu, Charles.R.Hohenstein.1@nd.edu (Charles R. Hohenstein) writes:
> In article <2pm41g$muh@cutter.clas.ufl.edu>, sjh@math.ufl.edu (Steven J. Horn) wrote:
> >
> > Our neighbors monitor our cordless phone conversation
> > and I would like to know what is a good cordless phone
> > which would prevent this - preferably something under
> > $200. Please e-mail me at sjh@math.ufl.edu
> >
> >
> > Thanks,
> > Steve

Motorola has a new line of cordless "flip phones" that have a security feature. The demonstration kiosk has a button you can push to hear what the phone sounds like to someone using a scanner to listen in. It sounds terrible. You can't hear anything. Price is around $200.

3459. BC8500 for sale

Newsgroup: rec.radio.scanner
Date: 1994-05-05 18:34:25 UTC
From: gregg@plains.nodak.edu
Message-ID: <gregg.267.2DC93C31@plains.nodak.edu>
Source record: 274541

This is a repost with a lower price. Uniden Bearcat BC8500 500 channel scanner for sale. In very good condition, used very little, just don't listen to it enough to justify such an expensive scanner. I have the box, manual, etc. I want $275 plus shipping or trade for a used 2 meter rig plus or minus cash, depending on the rig. I might be interested in other trades, what have you?

Joe
****
Joseph M. Gregg
Internet: Gregg@Plains.NoDak.edu
Packet: KN0A@W0ILO.#SEND.ND.USA.NOAM
LL: 701-588-4427
****

3460. Re: Now the April 26 has come and gone

Newsgroup: rec.radio.scanner
Date: 1994-05-05 19:03:08 UTC
From: haynes@cats.ucsc.edu
Message-ID: <2qbftc$ng7@darkstar.UCSC.EDU>
Source record: 274706

In article <crispCpAFLJ.3n1@netcom.com>,
Richard Crisp <crisp@netcom.com> wrote:
>
>You guys need to all thank the ARRL for telling the feds that
>"geez, we have no objection to cellular being removed". You folks
>may not like the NRA, but at least they take the position of no further
>restictions, period when it comes to their area of interest.
>
Perhaps if there had been some amateur radio relevance to the scanner ban
the ARRL would have objected. Since amateur radio can go on doing its thing
without the ability to monitor cellular phones I don't see the relevance.
--
haynes@cats.ucsc.edu
haynes@cats.bitnet

"Ya can talk all ya wanna, but it's dif'rent than it was!"
"No it aint! But ya gotta know the territory!"
Meredith Willson: "The Music Man"

3461. Re: Pro 2006 rf meter mod

Newsgroup: rec.radio.scanner
Date: 1994-05-05 20:34:34 UTC
From: robin@uhunix.tmc.edu
Message-ID: <CpCJtM.Iu6@news.Hawaii.Edu>
Source record: 274710

BTW, how much does this 2006 everyone is talking about cost?
Sorry, I'm new to this. Is this one of the best to buy?
Thanks!

--
----

rob

3462. ** AS NEW PRO-2006 For Sale **

Newsgroup: rec.radio.scanner
Date: 1994-05-05 20:47:18 UTC
From: crisp@ecsvax.uncecs.edu
Message-ID: <CpCKC6.IIC@ecsvax.uncecs.edu>
Source record: 274712
Cross-posted to: rec.radio.scanner,rec.radio.swap,misc.forsale

Hello.

I have a almost new Pro 2006 scanner for sale.

It's in excellent condtion. Price is $300 plus shipping.

Email if you're looking.

rc
--
Russ Crisp, Systems Analyst | Ham Call: KA4UXZ
Western Carolina University | BITNET: crisp@wcuvax1.bitnet
Business Affairs Division | Internet: crisp@wcu.edu
Room 311-A, HFR Building | Voice: (704) 227-7003

3463. Re: what to get Pro43, AR1500, AR1000, Yaesu FT-530 w/ ext. rec?

Newsgroup: rec.radio.scanner
Date: 1994-05-05 20:59:19 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.187.0014FDC0@ccm.hf.intel.com>
Source record: 274703

In article <1994May4.202548.1648@ringer.cs.utsa.edu> blake@lonestar.utsa.edu (M Blake Schreckenbach) writes:

>Since there is no chance of me getting a MVT-7100 in the near future...
>which of the above would you most favor as your second pick? I would not
>mind having the 1500, but have heard some bad things about it like
>intermod troubles, insensitivity, and, is there a lot to listen to on SSB
>and good enough selectivity below 30 MHZ? It couldn't be worse than my
>Pro2022 I used to have... Should I just get the 1000 and the not much
>better sensitivity for just $40 less? The Pro43 is the best for its price
>range, but it isn't continous coverage or as rangy as the AORs. I am a new
>ham that hasn't much been interested in operating telephone but would like
>an HT that could do double duty as an occasional scanner, but I know I
>will be sacrificing a lot of things like selectivity and step increments.
>Any one I choose, I'll be doing something stupid anyway if the scanning
>hobby is killed by digital...

>73

You may want to check out the Icom IC-2SRA. It has a 2m radio with all the bells and whistles, PLUS a wide band scanner built in 25 - 950 MHz CONTINUOUS coverage AM,FM,WFM with all the correct step sizes. It's not the perfect scanner, but its the best available on a ham HT.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3464. Re: Pro 2006 rf meter mod

Newsgroup: rec.radio.scanner
Date: 1994-05-05 21:38:21 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.188.0015A440@ccm.hf.intel.com>
Source record: 274657

In article <2qb0k0$ruo@corpgate.nt.com> magnet@nRCHs022 (Brad Glidewell) writes:

>Hello all,

>While watching TV last night in the Dallas area, I noticed a news article
>involving a metal building contractor who was taking people's downpayments
>and not providing any service. During the course of the article a certain
>man who had been scammed was being interviewed. He talked about monitoring
>the contractor's radio system and providing incriminating evidence from the
>recordings he had made. While this is all kind o neat from a scanner nerd
>perspective, I noticed his pro2006 had a line of LED's up the center crevis
>which ramped with signal input! Now thats really neat! Does anyone know
>about a published mod for this application? I've checked the usuall places
>and don't see anything relative to this mod.

Bill Cheek discusses this mod in one or both of his Scanner Modification
handbooks. There have also been periodic plans in Monitoring Times.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3465. Re: Pro-46 Deep-Sixed Already!

Newsgroup: rec.radio.scanner
Date: 1994-05-05 21:40:21 UTC
From: veith@cherokee.nsuok.edu
Message-ID: <1994May5.214021.10963@cherokee.nsuok.edu>
Source record: 274714

dhughes@prairienet.org (Dan Hughes) writes:

>I see by the latest Radio Shack sales flyer that the Pro-46 handheld
>scanner is being CLOSED OUT for $189.95 (from a retail $229.95).
>This radio is brand new to the current (1994) catalog. Anybody know why
>Radio Shack is giving up on it so soon?
>--

I saw that too and posted here about it. My 2006 has me hooked
enough on scanning I asked for comments on the '46 here but
received none. According to the Grove catalog it can be
modified for cellular reception but I have visited several
ftp sites and have not found such.

Comments, please, Pro-46 owners?

Charles veith@cherokee.nsuok.edu KG5TV @ WB5AOH

3466. Info on DTMF/PL decoders

Newsgroup: rec.radio.scanner
Date: 1994-05-05 22:35:13 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.189.001696EF@ccm.hf.intel.com>
Source record: 274658

I wrote this almost a year ago for the BASE newsletter. I've been meaning
to post it here for a while. Sorry if any of the data is dated now.

DECODERS FOR YOUR SCANNER

I thought I would pass along some of the information I have
gathered in my search for a Tone/Code decoder for my scanner.

Decoders for HF radios have been around for a long time. There
is a wide rage of non-voice signals on HF, like FAX, RTTY,
Packet, etc. With a multi-mode decoder, you can decode these
signals and display them on your computer screen or printer.

Decoders (AKA: tone readers) for VHF/UHF scanners are relatively
new accessories for the scanner buff. Most VHF decoders now
available cover three modes: CTCSS, DCS and, DTMF.

CTCSS (Continuous Tone Code Squelch System)- This mode is also
know as PL, which is Motorola's trade name: Private Line. CTCSS
is a Sub-audible tone that is transmitted with the radio signal.
There are 50 different tones in use. For example, the tone of
131.8 means that a 131.8 Hz tone signal is also sent with
whatever is being transmitted. The receiving radio will only
open its squelch if it detects the tone it is set to. CTCSS is
used extensively in public service and business communication
systems.

DCS (Digital Code Squelch)- Also known as DPL. This is used for
the same purpose as CTCSS but using digital codes. There are 104
different DCS codes used. I don't know what these signals sound
like so I don't know if they are in use locally.

DTMF (Dual Tone Multiple Frequency)- These are the common
Touchtones used on your telephone. There are 16 DTMF tones.

WHY BUY A DECODER?
There are many reasons a decoder could come in handy. If you the
know the CTCSS tone(s) used on a particular frequency and you
have a directory that lists the tones used, you will be able to
determine who is transmitting. This is particularly useful when
multiple groups share a single frequency. If you have a radio
that also has CTCSS capabilities, you can set the tone to match
the agency you wish to monitor so you will only hear the desired
agency. Using tone squelch on your receiver is also a great way
to eliminate noise and intermodulation (the M-400 can do this
with any radio). Remember that some repeaters use one tone on

the input, and another on the output. HAMs can also determine CTCSS tones used in order to access repeaters.

Decoding DTMF tones is a bit less benign. DTMF codes are used to program and access special features on repeaters and other equipment. CDF has a repeater that will give a full weather report if the correct DTMF codes are entered. Cellular and some cordless phones send out DTMF numbers as they dial or access voice mail. DTMF codes are also used in some HAM equipment for paging functions.

Author's Note: Please do not tarnish the image of scanner enthusiasts by using decoders irresponsibly. The information gained by the use of a decoder should not be used for illegal purposes. Scanner buffs do not need more bad PR.

AVAILABLE DECODERS
The following information has been compiled from magazine ads and sales literature. (compiled 11/93)

1. CSI model: CD-1, Price: $200, No printer or computer ports, Modes: CTCSS, DCS, DTMF, Display: 4 digit LED
Memory: Re-display of last item received

2. Universal model: M-400, Price: $400, parallel port, VHF Modes: CTCSS (41 standard tones), DCS, DTMF, POCSAG, GOLAY, (POCSAG & GOLAY are for digital pager signals), ACARS (Aircraft Communications Addressing and Reporting System)
HF Modes: Baudot, Sitor A & B, FEC-A, ASCII, SWED-ARQ, FAX
Display: 2 x 20 LCD, Memory: 4000 character scrollable
Also has PL/DCS/DTMF squelched speaker output. Made by Digital Electronic Systems.

3. Optoelectronics model: DC440, Price: $260, serial I/O (2.5 mm stereo plug with TTL level. Converter is an $89 option)
Modes: CTCSS, DCS, DTMF, Display: 2 x 16 digit LCD w/backlight, Memory: 63 DTMF digits & most recent PL tone
This unit is fully software controllable, however, at this time you'll have to write your own program. It will work with standard communication (modem) software. A radio control program called Scan Star can interface with this unit to add PL tones to its logging file.

4. Motron Tone Master, Price: $240, ($169 w/o serial interface)
Serial Port, Modes: DTMF only, Display: 16 digit LCD
Memory: 80 character scrollable

5. AIE model: TCF series:
TCF-3 Price: $300, Serial Port, Modes: DCS, CTCSS, Display: 3 digit LED, Memory: Optional
TCF-4 Price: $330, (this unit is an add-on CTCSS/DCS squelch for the R.S. Pro-2004/5/6 series, or 760xlt)
TCF-5MRTC Price: $440, serial port, Modes: CTCSS, DCS, DTMF,

Display: 16 digit LCD, Memory: 297 digit Also has DTMF
activated alarm. (MRTC=Memory, Real Time Clock)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3467. Mail-order outfits

Newsgroup: rec.radio.scanner
Date: 1994-05-05 22:45:43 UTC
From: kinstler@sw.stratus.com
Message-ID: <2qbsun$d6b@transfer.stratus.com>
Source record: 274717

Forgive me for wasting everyone's time on this but, what were the
phone numbers for two m.o. Radio Shack dealers mentioned recently?
One was called "Marymac" (not Merrimac?) and the other I don't recall.
Thanks in advance for responding.

--
Robert (kinstler@luxor.telco.stratus.com)

3468. Advice on BC-8500XLT wanted.

Newsgroup: rec.radio.scanner
Date: 1994-05-05 23:11:27 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994May5.161127.7677@yvax.byu.edu>
Source record: 274718

I am interested in getting into scanning and am looking into buying one before buying one is declared illegal ;-). Looking in the Winter "Amateur Radio Catalog" I noticed the BC-8500XLT, but the catalog doesn't explain much about it. If anyone out there has any experience or knowledge about this unit that might help me in my search, I would appreciate it if you would post it or e-mail it to me. Also, how does it compare to the Pro-2006? What mods are possible? Is there a better scanner in the $400-450 price range?

KJ KB7ZLM


```
,,__________________,
~\/(____(o(___________(+----------------------+
_/ (____(o| |Ken Johnson |
) _______/ |johnsonk1@yvax.byu.edu|
/ /(_(_) +----------------------+
/ /
/ |
(_____)
```

3469. Re: Illegal to carry scanner into US?

Newsgroup: rec.radio.scanner
Date: 1994-05-05 23:13:02 UTC
From: sgbradley@aol.com
Message-ID: <2qbuhu$fh4@search01.news.aol.com>
Source record: 274719

Since form FCC 740 is for ANY type of non certified device, and since the U.S. customs only interest is seeing that the form accompanies any NON-CERTIFIED device, who or what will stop the importation of scanners?

The FCC has opening admitted they do NOT have a listing of non-certified scanners, and the U.S. Customs are NOT experts in RF generating devices.

I think its called scare tactics. Does anyone know of anyone who has either TRIED to import and was not successful, or actually was successful?

Since the U.S. Customs only interest is the appropriate documentation, I'd say keep ordering overseas and ignore the FCC rules. If I wanted an MVT 7100, I'd go ahead with no second thoughts. To the customs, a "cpu-locked out" MVT-7100 is no different than a "full coverage" MVT-7100, since neither are FCC certified. If the form is there, it passes. BTW, does anyone know if Javiation quit selling overseas? I'd hate to think the business is going to the Canadians and Germans! What about Nevada Radio in the U.K? Do they import?

The rules do NOT read "you are no longer permitted to import non-certified devices" does it? Do you think customs will know the difference between the units? I'd doubt it!

Personally I have no problem, I have enough friends who come and go on business I could easily get them to do me a favor (I could actually get one from Javiation even if he was not willing to ship it here!). But, I am in a metro area rapidly switching to 800 mhz and without an on/off switch on the delay per channel it would be useless to me.

Comments anyone? Since U.S. Customs requires only the form. They have no listing of what is ok vs not ok, and do not have the expertise to "certify" (since that is the job of the FCC and these are UNcertified devices), who's going to stop it arriving?

You tell me? I could be a businessman ordering a shortwave portable for business. I could be a lawyer who could sue them with damages for no public listing available of which models are not permitted. I hope someone does sue them... enough they will not carry out this stupidity again.

Steven

3470. Re: What to buy before April Cutoff -- Huh???

Newsgroup: rec.radio.scanner
Date: 1994-05-05 23:22:02 UTC
From: sgbradley@aol.com
Message-ID: <2qbv2q$fk8@search01.news.aol.com>
Source record: 274720

Simple...

Use FCC form 740. Import for personal use as non-certified devices. Declare them as radio receivers for customs purposes.

U.S. Customs are not RF specialists. They can not determine the level of how modifiable a scanner is or is not. They do not know the difference between one that is locked out in the CPU, locked out by a semiconductor change, or not locked out at all. There is no listing since they are not certified. All they look for is the form. They can not determine if a scanner complies or not, that is the job of the FCC. Since these are non certified devices, they do not have certification and for personal use in small quanitities, there is no need to certify them.

Therefore there is nothing to stop you from importing them. Someone needs to call U.S. Customs and speak to them... and then post the results here. They are paper-pushers, not technical analysts! Speaking of U.S. customs, I am blessed to being within range of their new communications headquarters in Orlando, FL. They have requested use of the Naval Training facilities which the government no longer sees a need for. This could make good listening if they do get educated... (as in duh, this is anuther un of them MVT thingies, is it hokay?)

What I am waiting to see is the overseas companies start selling the modification plans and CPU chips, PROMs, or whatever the international versions use (where they are not locked out in the CPU etc) and shipping them over here. The FCC can not regulate the chips and raw materials being shipped over!

Steven

3471. Re: Pro43 HELP

Newsgroup: rec.radio.scanner
Date: 1994-05-05 23:46:37 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.192.0017C7A5@ccm.hf.intel.com>
Source record: 274659

In article <2qb40i$p6u@paperboy.gsfc.nasa.gov> reider@acrux.GSFC.NASA.GOV (Reider. Richard 286-6457) writes:
>Path: ornews.intel.com!ssd.intel.com!news.kei.com!eff!news.umbc.edu!cs.umd.edu!newsfeed.gsfc.nasa.gov!acrux.GSFC.NASA.GOV!reider

>Real quick question, while removing the boards
>on my 43 I cut the antenna wire and no longer
>have it. I replaced the wire with a piece of
>braided electrical wire. Will this cause
>reception loss ? if so, what type of wire
>(gauge ....) is best to use from the antenna to
>the board??
>The piece of wire I used was only about 1 inch long.

If you did a good job soldering, the braided wire should work fine (as long as it does not corrode)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3472. PRO-46 for newbie?

Newsgroup: rec.radio.scanner
Date: 1994-05-06 00:05:50 UTC
From: damianov@en.ecn.purdue.edu
Message-ID: <CpCtLr.94L@noose.ecn.purdue.edu>
Source record: 274721

I am new to scanning and unable to afford one of the higher priced
scanners. I was wondering if any of you would suggest the PRO-46
for someone starting out. The price that RS has it on sale for
is affordable for me. I would be using it in both a rural and urban
setting and mostly for police/fire/emt and weather info. Is this
something I should get or is there something better around $200.00

Thanks in advance
Bill

responses may be mailed to damianov@en.ecn.purdue.edu

3473. Re: Where are the Yupis?

Newsgroup: rec.radio.scanner
Date: 1994-05-06 00:07:03 UTC
From: sgbradley@aol.com
Message-ID: <2qc1n7$g5c@search01.news.aol.com>
Source record: 274722

Well do not let the FCC law scare you... Go ahead and order it anyhow.

There are NO export restrictions from Canada, UK, or Germany on these communication receivers. The U.S. Customs are NOT technical analysts. They only need form FCC 740 completed with the unit to let it pass.

FCC form 740 is usable with ANY non certified device. That includes the MVT 7100.

Go ahead and order ... and enjoy! :)

Steven

3474. Re: Wanted: ICOM R7100

Newsgroup: rec.radio.scanner
Date: 1994-05-06 00:19:02 UTC
From: sgbradley@aol.com
Message-ID: <2qc2dm$g9j@search01.news.aol.com>
Source record: 274723

I heard the government bought up a whole lot of them prior to April 26 due to the amount of paperwork they would need in order to get one afterwards.

Just wait for a government surplus (debt-reduction) sale!

:)

3475. Re: 900MHZCORDLESSPHONEFREQS.

Newsgroup: rec.radio.scanner
Date: 1994-05-06 00:38:07 UTC
From: schuster@panix.com
Message-ID: <2qc3hf$7e3@panix2.panix.com>
Source record: 274724

```
----------------------------------------------------------------
900 MHZ CORDLESS TELEPHONE FREQUENCIES - - 902 - 928 MHZ NFM
----------------------------------------------------------------

902 - 928 900 MHZ CORDLESS TELEPHONES (30-100 KHZ SPACING)

Panasonic KX-T9000 (60 Channels)

base 902.100 - 903.870 Base frequencies (30Khz spacing)
handset 926.100 - 927.870 Handset frequencies

CH BASE HANDSET CH BASE HANDSET CH BASE HANDSET
-- ------- ------- -- ------- ------- -- ------- -------
01 902.100 926.100 11 902.400 926.400 21 902.700 926.700
02 902.130 926.130 12 902.430 926.430 22 902.730 926.730
03 902.160 926.160 13 902.460 926.460 23 902.760 926.760
04 902.190 926.190 14 902.490 926.490 24 902.790 926.790
05 902.220 926.220 15 902.520 926.520 25 902.820 926.820
06 902.250 926.250 16 902.550 926.550 26 902.850 926.850
07 902.280 926.280 17 902.580 926.580 27 902.880 926.880
08 902.310 926.310 18 902.610 926.610 28 902.910 926.910
09 902.340 926.340 19 902.640 926.640 29 902.940 926.940
10 902.370 926.370 20 902.670 926.670 30 902.970 926.970

CH BASE HANDSET CH BASE HANDSET CH BASE HANDSET
-- ------- ------- -- ------- ------- -- ------- -------
31 903.000 927.000 41 903.300 927.300 51 903.600 927.600
32 903.030 927.030 42 903.330 927.330 52 903.630 927.630
33 903.060 927.060 43 903.360 927.360 53 903.660 927.660
34 903.090 927.090 44 903.390 927.390 54 903.690 927.690
35 903.120 927.120 45 903.420 927.420 55 903.720 927.720
36 903.150 927.150 46 903.450 927.450 56 903.750 927.750
37 903.180 927.180 47 903.480 927.480 57 903.780 927.780
38 903.210 927.210 48 903.510 927.510 58 903.810 927.810
39 903.240 927.240 49 903.540 927.540 59 903.840 927.840
40 903.270 927.270 50 903.570 927.570 60 903.870 927.870

V-TECH TROPEZ DX900 (20 CHANNELS)

905.6 - 907.5 TRANSPONDER (BASE) FREQUENCIES (100 KHZ SPACING)
925.5 - 927.4 HANDSET FREQUENCIES

CH BASE HANDSET CH BASE HANDSET CH BASE HANDSET
-- ------- ------- -- ------- ------- -- ------- -------
01 905.600 925.500 08 906.300 926.200 15 907.000 926.900
02 905.700 925.600 09 906.400 926.300 16 907.100 927.000
03 905.800 925.700 10 906.500 926.400 17 907.200 927.100
```

04 905.900 925.800 11 906.600 926.500 18 907.300 927.200
05 906.000 925.900 12 906.700 926.600 19 907.400 927.300
06 906.100 926.000 13 906.800 926.700 20 907.500 927.400
07 906.200 926.100 14 906.900 926.800

OTHER 900 MHZ CORDLESS PHONES

AT&T #9120 - - - - - 902.0 - 905.0 & 925.0 - 928.0 MHZ
OTRON CORP. #CP-1000 902.1 - 903.9 & 926.1 - 927.9 MHZ
SAMSUNG #SP-R912- - - 903.0 & 927.0 MHZ

==========

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3476. BC100xlt Mods?

Newsgroup: rec.radio.scanner
Date: 1994-05-06 01:46:19 UTC
From: kspain@huey.cc.utexas.edu
Message-ID: <2qc7hb$ab3@huey.cc.utexas.edu>
Source record: 274625

Does anyone have or know where I can get mods (especially cellular) for
the BC100xlt? I've checked rigel.oakland.edu but have found nothing.
Is this unit even modifiable?

Thanks.

Kevin

3477. Re: Where are the Yupis?

Newsgroup: rec.radio.scanner
Date: 1994-05-06 02:36:15 UTC
From: as088@FreeNet.Carleton.CA
Message-ID: <CpD0KG.M06@freenet.carleton.ca>
Source record: 274626

In a previous article, sgbradley@aol.com (SGBradley) says:

>Well do not let the FCC law scare you... Go ahead and order it anyhow.
>
>There are NO export restrictions from Canada, UK, or Germany on these
>communication receivers. The U.S. Customs are NOT technical analysts. They
>only need form FCC 740 completed with the unit to let it pass.
>
>FCC form 740 is usable with ANY non certified device. That includes the MVT
>7100.
>
>Go ahead and order ... and enjoy! :)

I have posted several times concerning buying Yupis from Lorenz Radio in Montreal only because I've dealt with them as a satisfied customer and their price is good..and are closer than Javation in England. And I guess I feel sorry for you Yanks <grin>. Funny enough, Herbert Lorenz was telling me today that orders for the Yupi seemed to have dried up. He was not aware of "that law" down south.

They are quite willing to continue shipping but obviously will not guarentee delivery passed customs. I might suggest to those willing to try importation, to request that the receiver kit be shipped separately from the owners manual. The manual does state 800 coverage and although is badly written, might tip off your customs people.

Just a tip from someone living in the True North Strong and (still) FREE!

Bob M.
bmarcy@dawsoncollege.qc.ca <-Home base, E-mail
as088@freenet.carleton.ca <-Usenet access, mail bounced to above

3478. mvt 7000 programing problems

Newsgroup: rec.radio.scanner
Date: 1994-05-06 02:36:55 UTC
From: phalcon@matt.ksu.ksu.edu
Message-ID: <2qcag7$p9r@matt.ksu.ksu.edu>
Source record: 274627

Howdy all,
I recently was delighted to pick up a MVT 7000 from
someone who went over to England. The main problem is that
I am having a lot of problems trying to program the thing!
I read the instructions and when I go to repeat the steps,
it beeps at me like I'm an idiot! I don't know, maybe I am,
I've had other scanners before and have never had the roblems
of programming them. Am I doing something wrong? My friend
told me that they checked it out and made sure it worked before
he brought it back to the states, it even had some freqs. programmed
in, unfortunately, nothing I can use. Anyone who can help me I would
very much like to hear from you!

Thanx in advance!

+---+
+---+
|
/O\ John E. Gabor
_______[|(.)|]_______/ internet phalcon@matt.ksu.ksu.edu
o ++ O ++ o bitnet phalcon at ksuvm
Kansas State University
"Phantoms Phorever"

3479. Re: Scanning Trunked Syst

Newsgroup: rec.radio.scanner
Date: 1994-05-06 02:53:00 UTC
From: john.tant@exchange.com
Message-ID: <2d.6015.603.0N850299@exchange.com>
Source record: 274628

Scanning trunked systems can be a little touchy if you're in one of those cities where they leave a little song on the channel they leave. Corpus Christi has such a system. It's put out by GE and plays the "bring good things to life" jingle as it leaves a channel. This is to keep scanners locked on that channel. To listen, you have to keep your finger on the scan button, typically using two scanners.
Unfortunately, the days of being able to listen in and stay out of their way are just about over. I enjoy using the scanner because it helps me to avoid areas congested due to accidents while I drive. Most places don't have daytime traffic reports. Someone commented earlier that if you want traffic info, listen to commercial radio. I don't know about his town, but many of the info providers in this town get their info via scanners.

John

---
* WaveRdr 1.0 [NR] * UNREGISTERED EVALUATION COP

3480. Re: Now the April 26 has come and gone

Newsgroup: rec.radio.scanner
Date: 1994-05-06 04:40:15 UTC
From: crisp@netcom.com
Message-ID: <crispCpD6B3.DI7@netcom.com>
Source record: 274629

In article <2qbftc$ng7@darkstar.UCSC.EDU> haynes@cats.ucsc.edu (James H. Haynes) writes:
>
>In article <crispCpAFLJ.3n1@netcom.com>,
>Richard Crisp <crisp@netcom.com> wrote:
>>
>>You guys need to all thank the ARRL for telling the feds that
>>"geez, we have no objection to cellular being removed". You folks
>>may not like the NRA, but at least they take the position of no further
>>restictions, period when it comes to their area of interest.
>>
>Perhaps if there had been some amateur radio relevance to the scanner ban
>the ARRL would have objected. Since amateur radio can go on doing its thing
>without the ability to monitor cellular phones I don't see the relevance.
>--

Point one:
There is no relevance to amateur radio, why did the feds even think they
should ask them? Why did they believe the ARRL even came any where near
having a valid opinion on the subject? The answer is because the ARRL
guys are believed to represent radio hobbyists in the US which is totally
false. The hams usually couldn't care less about scanners and the like.

Point two:
If the original poster's comments were correct about *all of* the 800
and 900mhz bands being deleted from the new "legal to import" Icom
R7100, then the Hams just lost the ability to monitor the 900mhz band.
Yes, Icom did not need to eliminate anything other than cell bands,
but they must have felt that it was somehow better to play it safe
and eliminate anything that could be even close to the cell bands. Why?
Maybe they were worried about images popping up or something like that
(Remember the fuss in NJ about the double conversion R/S scanners
being declared illegal to sell?). So did Icom eliminate 800-1000MHZ
from the R7100 or not?

The point in all of this is that the ARRL does not represent the
interests of scanner listeners, their opinions are not relevant,
and the government had no business attaching any sort of relevance
to anything they had to say about the proposed (now law) legislation.

We as scanner hobbyists, deserve what we got for not having an organized
lobby to fight for our interests. It is getting so you have to be a member
of several organizations just to prevent (or at least slow down) this continual erosion of
our rights and privileges! Maybe Australia is a better place.....

Hey you chaps down under, can you own assault weapons down there? How about
wideband radios? Do you have silly laws like we yanks do in these areas?

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

3481. Re: Wanted: scanner frequencies for Los Angeles area

Newsgroup: rec.radio.scanner
Date: 1994-05-06 05:05:17 UTC
From: carson@siggraph.org
Message-ID: <carson-050594210518@carson.slip.netcom.com>
Source record: 274630

In article <CoxACK.25AL@austin.ibm.com>, ala@austin.ibm.com (Al) wrote:

> Post them please.

I have decided it is too much trouble to pull out all the extremely sensitive data from my "Working Aids" so they can be openly posted. I will e-mail them to all how ask and promise not to publish the data or share it with criminals.

By the way, all e-mail I have sent to Al bounces!!

3482. Wanted: Las Vegas LADY LUCK Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-06 05:19:58 UTC
From: jwh@kaiwan.com
Message-ID: <2qck1u$n1d@kaiwan.kaiwan.com>
Source record: 274666
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Special thanks to those that sent me all the mail on the Vegas freqs.

I was wondering if anyone had any freqs. for the Lady Luck Hotel in Vegas?

--

[John W Herndon : One Stop Tech Shop BBS (310) 421-6766 / USR 14.4K DS]
[<jwh@kaiwan.com> : Ham Radio / SWL / Scanners / Computer Aided Design]

3483. Re: Pro 2006 rf meter mod

Newsgroup: rec.radio.scanner
Date: 1994-05-06 06:03:46 UTC
From: dhz@crl.com
Message-ID: <2qcmk2$9cq@crl.crl.com>
Source record: 274631

Robin Amano (robin@uhunix.tmc.edu) wrote:

>BTW, how much does this 2006 everyone is talking about cost?
>Sorry, I'm new to this.

The last i checked at Marymac (Radio shack Dealer) they were about 335.00
it's been it's been about a year but the prices should be about the
same. there phone no. 800-231-3680

>Is this one of the best to buy?

there are as many answers to this as there are people on this newsgroup.
but i would say for the money it's pretty good.

--
JIM SHRYNE |\\ || //==\\ ===\\ || || ====//
ARS N6DHZ ||\\ || || || || ||=|| //
COMPUSERVE 70621,247 || \\|| ||==\\ || || || || //
E-MAIL dhz@crl.com || \\| \\==|| ===// || || //====

3484. Re: Now the April 26 has come and gone

Newsgroup: rec.radio.scanner
Date: 1994-05-06 06:04:32 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May6.060432.12198@hpcvaac.cv.hp.com>
Source record: 274633

crisp@netcom.com (Richard Crisp) writes:

: Hey you chaps down under, can you own assault weapons down there? How about
: wideband radios? Do you have silly laws like we yanks do in these areas?

In Australia, firearms are pretty rigidly controlled.

Bill

3485. Re: Wanted: ICOM R7100

Newsgroup: rec.radio.scanner
Date: 1994-05-06 06:05:22 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May6.060522.12277@hpcvaac.cv.hp.com>
Source record: 274634

sgbradley@aol.com (SGBradley) writes:
: I heard the government bought up a whole lot of them prior to April 26 due to
: the amount of paperwork they would need in order to get one afterwards.

No need. The government is exempt from the law.

Bill

3486. Re: Weather Radio

Newsgroup: rec.radio.scanner
Date: 1994-05-06 07:49:34 UTC
From: djc@terapin.com
Message-ID: <djc.49pd@terapin.com>
Source record: 274632

> pfeiffer@humboldt.kent.edu (Dan Pfeiffer) wrote:
>
> I have the Radio Shack weather alert and it works great. Got it
> for $20.00 on sail. I get the local station from 40 miles easy.
> Works well inside my apartment building. 3 channels. Alert mode.
> I tested the current draw in aleart mode and I think it would
> run for 2 weeks or so continuously on new batteries.

That is about right as far as the batteries go. I also have this radio and have had to change batteries in the set after 2 weeks of continuous scanning in the alert mode. I have never had the set go off but it is quite sensitive and even with the antena down the local station on 162.4 comes in loud and clear. I wish they had put a power jack on the set though. I did buy the set for it's alert feature but changing batteries every 2 weeks can get rather expensive. I am thinking of buying a couple of set

s of rechargeables for it. Is anyone reading using rechargeables in this radio and how well do they seem to work?

djc@terapin.com Out!

3487. Re: Help for the AR1000?

Newsgroup: rec.radio.scanner
Date: 1994-05-06 09:33:43 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <768216823snz@javiaton.demon.co.uk>
Source record: 274644

In article <dbmartinCpBAKp.11L@netcom.com>
dbmartin@netcom.com "David Martin" writes:

>I purchased a AR100, but I am having problems with the POOR
>manual and I need as much help as I can get! Is there a good book or an
>FTP site with materials about in the inner working of the 1000?
>
>Thanks.
>
>

Try Howard Bornsteins "Guide to the AR1000", I am not sure of the
price but you can contact him by E-Mail on Compu$erve on
76174.637@Compuserve.com, I'm sure he will be able to help.
--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\--/

3488. Re: Scanner Case...

Newsgroup: rec.radio.scanner
Date: 1994-05-06 09:59:03 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <768218343snz@javiaton.demon.co.uk>
Source record: 274646

In article <1994May5.125521.24787@aio.jsc.nasa.gov>
john@aio.jsc.nasa.gov "John C. Bielick" writes:

>I just purchased a PRO 43 and am interested in getting a protective
>leather case for it. Anybody know of a good place to get one?
>
>
>

Design Equalibrium (sp?) produce a leather carry case for the
PRO-43/39/44. I am not sure of the price or availability but you
might like to try contacting Howard Bornstein by E-Mail on
CompuServe (76174.637@Compuserve.com)
--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\--/

3489. Scanner Newbie...

Newsgroup: rec.radio.scanner
Date: 1994-05-06 11:55:50 UTC
From: niesp@inf.fu-berlin.de
Message-ID: <WSHOB41O@math.fu-berlin.de>
Source record: 274637

Hi,
Could someone tell me what to look out for when buying a scanner...
what are channels and in what freq.band does the "action" take place ?

How good are the Pro-xx things frome RadioShack ?
These might be dumb questions...but one week ago I thought that
>scanners< read pictures in computers :)

Thanks, Fritz.

Fritz Niespodziany, computer science at FU-Berlin.
Internet: niesp@inf.fu-berlin.de Voice: Germany / 030 - 302 53 90

This one was a mean old fart with a face that looked like he'd died about tree
centuries past and refused to recognize the fact. His name was Rutanibir, and
he was short-tempered, mean, and pissed of at the universe in general.

3490. Re: Now the April 26 has come and gone

Newsgroup: rec.radio.scanner
Date: 1994-05-06 12:05:58 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2qdbr6$fls@umcc.umcc.umich.edu>
Source record: 274638

The Icom memo I saw a few months ago said they were deleting the 800-900 band just so they won't have to redesign the radios. If we don't buy anymore Icom's they should get the idea, if they want to sell radio's they will need to delete cellular only, not the whole band.
Most hams don't care about scanners? Most hams I know have scanners, many of them in fact. I guess I missed your point on that one?
L.B.

3491. Re: Doubts

Newsgroup: rec.radio.scanner
Date: 1994-05-06 12:56:13 UTC
From: rohvm1.mahgvb@rohmhaas.com
Message-ID: <rohvm1.mahgvb-060594084052@wmgvb.ho.rohmhaas.com>
Source record: 274178

In article <9405040250.AA13507@meteor.uscolo.edu>,
bo4373ch@meteor.uscolo.edu wrote:

>
> I can't decide between a RS PRO-43 or a PRO-2006. As I'm new to this
> scanning business, I would like opinions regarding the advantages and disadfv
> disadvantages of a portable scanner compared to a base one. I live in a very big cit
> big city (Sao Paulo, Brasil) it's like New York. Could I still use a hand deld
> handheld scanner with no trouble ?
>
> Thanks for comments...
>
> E-mail : bo4373ch@meteor.uscolo.edu
I've been to Sao Paulo often and yes its a big city. I own both a Pro43
and a Pro2006. I bought the Pro43 first and found that the portability was
essential. The followup to the Pro2600 was a choice I made mostly because
of sound quality for use at home. I would recommend the handheld first
then moving on if you feel the need. Good Luck!
--
==

George Bochanski mahgvb@rohmhaas.com
"The opinions expressed are those of the
author and not of Rohm and Haas Company."

3492. Crib NMonitors

Newsgroup: rec.radio.scanner
Date: 1994-05-06 13:46:13 UTC
From: fkilpatr@afit.af.mil
Message-ID: <fkilpatr.768231973@afit.af.mil>
Source record: 274641

Does anyone know the typical frequencies used by crib monitors? The documentation on our crib monitor doesn't have any specifications, and I would like to find out how far outside the house it transmits to.
Thanks!
Alex
--
Alex Kilpatrick fkilpatr@afit.af.mil
"If a kid asks where rain comes from, I think a cute thing to tell him is 'God is crying.' And if he asks why God is crying, another cute thing to tell him is 'Probably because of something you did.' -- Jack Handey

3493. Re: Where are the Yupis? (Bans, etc.)

Newsgroup: rec.radio.scanner
Date: 1994-05-06 14:39:51 UTC
From: jkearman@arrl.org
Message-ID: <1994May6.143951.13359@arrl.org>
Source record: 274664

starr@rand.org wrote:

: In article <crispCpAFLJ.3n1@netcom.com> Richard Crisp <crisp@netcom.com> wrote:
: >this really sucks, not only is cellular removed but trunking,
: >900mhz hams, paging etc????
: >You guys need to all thank the ARRL for telling the feds that
: >"geez, we have no objection to cellular being removed". You folks
: >may not like the NRA, but at least they take the position of no further
: >restictions, period when it comes to their area of interest.
: >We have no such organization to represent and lobby for our interests

: Fair point. Amateur organizations represent marginal
: interests in the eyes of the general public.
: So, de facto, their privileges exist at the pleasure of the regulatory agency.
: An unenviable choice:
: 1. Be an NRA-style gadfly, and get bashed regularly.
: 2. Become complicit with the agency, to maintain some rights
: that the agency deems harmless.

: Cheers to those who spoke out on the Illinois ban,
: and got its author to rethink the implications.

I work for ARRL. My title is Assistant Technical Editor. I
edit articles for QST and write one once in a while. I'd
like this posting to be accepted as the views of a member,
rather than as an employee. If you think I'm speaking as an
employee, you won't take what I'm saying as seriously.

I don't think it's appropriate to attack ARRL because of the
actions of the cellular telephone industry. I'm not aware of any
scanner groups coming forward to defend Amateur Radio for any
reason in the past. And, so far, no one has persuaded me that:

1. ARRL, an organization that represents licensed radio
amateurs in the United States, had any business sticking
its nose into this affair, unless asked.

2. The ban in any way affects the operation of US hams, which
is essentially what ARRL told FCC.

Someone will probably try the construction "Today cellular,
tomorrow all frequencies will be banned," or some such, as a
reason for ARRL to become involved.

You'll recall that FCC did not unilaterally propose this ban.
FCC was DIRECTED to do so by Congress, so FCC came up with
regulations it felt met the criteria Congress established.

Probably no one in FCC wanted this law. I know of no one at ARRL who wanted it. Nonetheless, there it is, an accomplished fact. To lie and say it somehow affects ham radio would have done nothing for anybody.

While it is possible that some national police organization, for example, may lobby congress to ban scanners capable of picking up police transmissions, it's probably safe to say that the cellular industry couldn't care less what we listen to, other than cellular telephone conversations. So we've probably seen the last of the bans.

Now I'm really going to walk out on the limb. While NRA members are constantly victimized by the actions of criminals who use firearms, scanner users are often their own worst enemies. This newsgroup is available to anyone with a terminal and a modem, yet one frequently reads braggadocio here about calls overheard. One reader gleefully described a "practical joke" he and a friend played on someone whose cordless phone call to a phone sex telephone service they overheard.

A little responsibility on the part of scanner owners might have prevented this ban. Yes, it was unfair to punish the many for the actions of the few; yes, the ban is silly, and anyone can continue to listen at will; yes, cellular calls are inherently insecure. But if some scanner owners hadn't felt compelled to go public with the fruits of their listening, we might not have had the trouble in the first place.

There's a big difference between self restraint and external censorship but, lacking the first, the second often follows. I see a lot of griping on this newsgroup about what "should" have happened, but when the previously mentioned bragging was going on (there was even a thread dedicated to the subject), the voices of reason were strangely silent. I guess it depends on whose ox is being gored. And yes, I did try, publicly and privately, to persuade posters of the folly of such revelations.

Good listening.

Jim Kearman

jkearman@arrl.org

3494. Re: mvt 7000 programing problems

Newsgroup: rec.radio.scanner
Date: 1994-05-06 15:25:49 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <768237949snz@javiaton.demon.co.uk>
Source record: 274645

In article <2qcag7$p9r@matt.ksu.ksu.edu> phalcon@matt.ksu.ksu.edu writes:

>
>Howdy all,
> I recently was delighted to pick up a MVT 7000 from
>someone who went over to England. The main problem is that
>I am having a lot of problems trying to program the thing!
>I read the instructions and when I go to repeat the steps,
>it beeps at me like I'm an idiot! I don't know, maybe I am,
>I've had other scanners before and have never had the roblems
>of programming them. Am I doing something wrong? My friend
>told me that they checked it out and made sure it worked before
>he brought it back to the states, it even had some freqs. programmed
>in, unfortunately, nothing I can use. Anyone who can help me I would
>very much like to hear from you!

How far have you got ?

To set to 123.75Mhz, AM.

1. Press 123.75
2. Press ENTER
3. You might need to change to AM so press FUNC + AM (1 key)

To change modes press FUNC+(1), (2) or (3). To change the
increnment step size just press the STEP key and it will scroll
thorugh the alternative steps.

Thats it.

To store in a channel press the channel number then
FUNC+MEM.WRITE.
You will get a bouble beep and the channel will quickly show to
the left of the frequency.

E-mail me if you are stil having trouble.

>
>Thanx in advance!
>
> |
> /O\ John E. Gabor
> _______[|(.)|]_______/ internet phalcon@matt.ksu.ksu.edu
> o ++ O ++ o bitnet phalcon at ksuvm
> Kansas State University
> "Phantoms Phorever"

Here here...but better with RR Speys.....

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\--/

3495. Re: Wanted: Las Vegas LADY LUCK Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-06 15:48:50 UTC
From: ala@austin.ibm.com
Message-ID: <CpE19E.31xD@austin.ibm.com>
Source record: 274649
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Please post the frequencies for Las Vegas!! Also need freq's for New Orleans.

Al

3496. BC2500XLT question.

Newsgroup: rec.radio.scanner
Date: 1994-05-06 15:57:45 UTC
From: harrism@holmes.ece.orst.edu
Message-ID: <2qdpdpINNk81@flop.ENGR.ORST.EDU>
Source record: 274648

I'm interested in the BC2500 but the mod file says that there are 2 versions
and that the mod is only valid for 1 of those. Does anyone know how the
heck you can tell the differnce when you are buying? Is there a new mod
out that I don't know about that covers the second version?

Timm

3497. Dallas area freq request

Newsgroup: rec.radio.scanner
Date: 1994-05-06 16:15:29 UTC
From: magnet@nRCHs022
Message-ID: <2qdqf1$olp@corpgate.nt.com>
Source record: 274647

Please post Dallas area frequencies, esp. 800mhz police

Thanks mucho mucho!

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

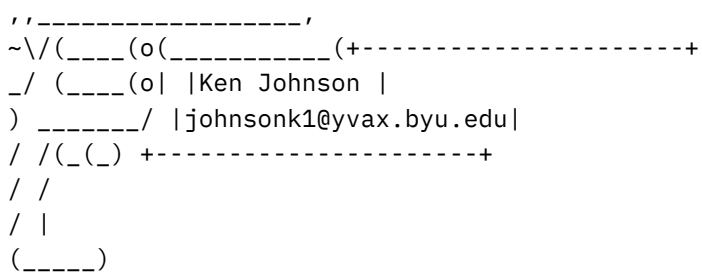
3498. Re: Advice on BC-8500XLT wanted.

Newsgroup: rec.radio.scanner
Date: 1994-05-06 16:50:08 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994May6.095008.7684@yvax.byu.edu>
Source record: 274643

In article <brett_miller.194.0014CB64@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
> In article <1994May5.161127.7677@yvax.byu.edu> johnsonk1@yvax.byu.edu writes:
>
>>I am interested in getting into scanning and am looking into buying one before
>>buying one is declared illegal ;-). Looking in the Winter "Amateur Radio
>>Catalog" I noticed the BC-8500XLT, but the catalog doesn't explain much about
>>it. If anyone out there has any experience or knowledge about this unit that
>>might help me in my search, I would appreciate it if you would post it or
>>e-mail it to me. Also, how does it compare to the Pro-2006? What mods are
>>possible? Is there a better scanner in the $400-450 price range?
>
> Go with the 2006. The importation/manufacture cutoff date was April 26, so
> all that is left in the stores is stock-on-hand (or in the warehouse).
>
> The 8500 is not a bad scanner, but in Provo/Orem you'll have intermod problems
> from the pagers. Also I have not seen any mod yet to open cellular.
>
>
>
> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
> Intel Corp.
> American Fork, UT

Thanks for the advice. I got a couple of helpful e-mail messages, too, and the choice is clear--I just ordered the Pro-2006 from Marymac (800-231-3680). They have modifiable 2006's in stock going for $345. That includes a one year warranty. No sales tax on out-of-state shipments (I think they're in Texas).

I hope my wife approves!



3499. RE: PRO-2006 EMMITS LOW HUM

Newsgroup: rec.radio.scanner
Date: 1994-05-06 17:24:10 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9405061724.A0567wk@chrysalis.org>
Source record: 274656

evidently rs is not switching the primary side of the transformer so it can supply power to the memories in the scanner. but it thought thats what the battery backup did. hummm. seems rs is not switching the primairy side of the transformer in accordance to nec codes. anyone dug into this rig to see how the power is switched on and off? brian.
brain.oakley@chrysalis.com

3500. Re: Crib NMonitors

Newsgroup: rec.radio.scanner
Date: 1994-05-06 17:42:46 UTC
From: crisp@netcom.com
Message-ID: <crispCpE6JA.GBr@netcom.com>
Source record: 274650

In article <fkilpatr.768231973@afit.af.mil> fkilpatr@afit.af.mil (Freeman A. Kilpatrick) writes:
>Does anyone know the typical frequencies used by crib monitors? The
>documentation on our crib monitor doesn't have any specifications, and I
>would like to find out how far outside the house it transmits to.
>Thanks!
>Alex
>--
>Alex Kilpatrick fkilpatr@afit.af.mil
>"If a kid asks where rain comes from, I think a cute thing to tell him is 'God
>is crying.' And if he asks why God is crying, another cute thing to tell him
>is 'Probably because of something you did.' -- Jack Handey

Why lay a guilt trip on the kid? This seems like a really sick thing to
do to me.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

In 1993, approximately 80 people were killed with so called Assault Weapons.
In that same year approximately 300 people were killed by bee stings.
These statistics cover the United States and the 80 number is an annualized
figure derived from the Justice Department and quoted by Dianne Feinstein.

3501. Re: ASTRO/SECURENET

Newsgroup: rec.radio.scanner
Date: 1994-05-06 19:38:28 UTC
From: johng@ecs.comm.mot.com
Message-ID: <johng-060594143828@johng.comm.mot.com>
Source record: 274584

In article <2prqto$h3m@sagan.nps.navy.mil>, tmnichol@nps.navy.mil (Troy M. Nichols) wrote:

> I just got some info from Mototola and have some questions. ASTRO is
> a line / model of radio that comes in both mobile and handheld versions
> correct?
Yes

> One of the featuress of the ASTRO radios is the ability to
> encrypt correct?
Yes, encryption is optionally available on Astro radios, but is not required for non-encrypted FDM digital operation.

> SECURENET is a different type of encryption and is an
> optional feature for the ASTRO correct?
Securenet is the product line name for the older line of 12 KB encrypted radios by Motorola. Commercial securenet radios can use DVP, DES, and DVI encryption and the extended range "XL" versions of these.
To try to confuse you just a bit more....Astro radios can also be used in the 12 Kb Securenet mode to ease transition from Securenet to Astro systems.

> So is it correct to say that
> Motorola has two encryption methods, one built into the ASTRO and one that
> can be bought as an option (SECURNET)?
No, See above.

> If these are two different encryption methods (ASTRO/SECURENET) which is
> tougher to break? Or are they the same?
Astro is a 9.6 Kbs product using a VSELP or IMBE vocoder. Securenet is a 12 Kbs product using a CVSD vocoder. The encryption is layered on top of this and is independent from the transmission method or rate or vocoder type.

> Motorola's add claims that
> there are so many possible codes that if you tried 1 million a second, it
> would take 75 million years to get thru them all. Does this number
> seem right?
Pretty close...

>If so, how was it calculated?
This is determined from the 71 bit key length. 2**71= 2.36118E+21 possible keys
/ 365 days/yr 24 hr/day / 3600 Sec/hr /1E+6 codes/sec

=74.8726 Million years (So big deal.. We lost 127,400 years in rounding!)

> The add for the ASTRO says
> the radios have an encryption algorithm capacity of 2 algorithms per
> radio and 16 encryption keys per radio. What is this telling me?
You could have DES and DVP or DVP and DVI, etc. You can have 16 separate
keys in the radio to talk to a number of different agencies or individuals.

--
John Gilbert johng@ecs.comm.mot.com

3502. BC220XLT shipping

Newsgroup: rec.radio.scanner
Date: 1994-05-06 20:17:35 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.193.00144BA7@ccm.hf.intel.com>
Source record: 274639

I was just catching up on some Compuserve messages last night and it looks like the first few Uniden 220's have shipped to California. Howard Bornstein (sp?) is going to post a review soon. Preliminary reports say it blows away the Pro-51in all respects. If I see Howard's review, I'll try to post it here unless someone else does it.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3503. VCR Plus Secrets

Newsgroup: rec.radio.scanner
Date: 1994-05-06 20:29:00 UTC
From: ric.topp@nccbbs.network23.com
Message-ID: <5156.11.uupcb@nccbbs.network23.com>
Source record: 274670

-> I know that this is somewhat off topic, but a few months ago there
-> were a lot of requests in this group for "how to decipher VCRPLUS
-> codes." Here is a program that I found to do it, complete with C
-> source.

Stephen, I'd like a copy of this. I tried copying the messages
to a txt file (under DOS), I edited out all the non PKZIP text
stuff but it would not unzip.

Do you have any ideas on how to do this properly?

Thanks...Ric

3504. Re: Advice on BC-8500XLT wanted.

Newsgroup: rec.radio.scanner
Date: 1994-05-06 20:47:31 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.194.0014CB64@ccm.hf.intel.com>
Source record: 274640

In article <1994May5.161127.7677@yvax.byu.edu> johnsonk1@yvax.byu.edu writes:

>I am interested in getting into scanning and am looking into buying one before
>buying one is declared illegal ;-). Looking in the Winter "Amateur Radio
>Catalog" I noticed the BC-8500XLT, but the catalog doesn't explain much about
>it. If anyone out there has any experience or knowledge about this unit that
>might help me in my search, I would appreciate it if you would post it or
>e-mail it to me. Also, how does it compare to the Pro-2006? What mods are
>possible? Is there a better scanner in the $400-450 price range?

Go with the 2006. The importation/manufacture cutoff date was April 26, so
all that is left in the stores is stock-on-hand (or in the warehouse).

The 8500 is not a bad scanner, but in Provo/Orem you'll have intermod problems
from the pagers. Also I have not seen any mod yet to open cellular.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3505. List: Las Vegas Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-06 20:56:03 UTC
From: jwh@kaiwan.com
Message-ID: <2qeat3$7qs@kaiwan.kaiwan.com>
Source record: 274651
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I had three fine individuals that sent me a load of frequencies. Since there are so many requests for me to email & post them.. here they are. Special thanks to those who responded!

NO. LAS VEGAS PD F2 460.050
NO. LAS VEGAS PD F3 460.125
NO. LAS VEGAS PD 154.845
NO. LAS VEGAS PD 155.475
NO. LAS VEGAS PD 158.810 Frequencies
Output Input
LAS VEGAS FD 154.034 ------ -------
Clark Co. FD 3 Fireground 453.7 458.7
Las Vegas Fire Dept. 153.77 simplex
Las Vegas Fire Dept. 153.95 simplex
Las Vegas Fire Dept. 154.205 simplex
Las Vegas Fire Dept. 154.34 simplex
Las Vegas Fire Dept. 154.37 simplex
Las Vegas Fire Dept. 154.43 simplex
Las Vegas Fire Dept. F1 1 Bat. 1 Tac. 453.15 458.15
Las Vegas Fire Dept. F4 4 Bat. 4 Tac. 453.4 458.4
Las Vegas Fire Dept. 5 Bat. 2 Tac. 453.1 458.1
Las Vegas Fire Dept. 6 Bat. 3 Tac. 453.7 458.7
N. Las Vegas F. Dept. 154.25 simplex

LAS VEGAS PD 45.560
LAS VEGAS 154.980
LAS VEGAS 155.820
LAS VEGAS 156.015
LAS VEGAS 453.825
LAS VEGAS 458.825

CITY MARSHALLS 158.925
CITY JAIL 155.685

NORTH LAS VEGAS 45.400
NORTH LAS VEGAS 153.935
NORTH LAS VEGAS 158.775
NORTH LAS VEGAS 158.995
464.600

------- Hotels & other stuff --------------------------
GRAYLINE TOURS 462.600

[HOTELS]

ALADDEN 154.515
462.925
CEASARS PALACE 463.400
461.950
466.950
CALIFORNIA HOTEL 464.125
CIRCUS CIRCUS 151.925
DUNES 151.655
464.625
464.125
469.625
DESERT INN 464.425
FREMONT 469.575
FRONTIER 151.755
FLAMINGO 463.375
HACIENDA 154.600
HILTON 463.375
468.375
468.725
461.06?? 466.05 SLO? REPEATER
FOUR QUEENS 462.150
INTERNATIONAL HOTEL 154.540
JERRY'S NUGGET 151.865
KING 8 MOTEL 466.050
461.050
LANDMARK 461.550
MINT 464.050
31.240
152.450
464.475
MARINA HOTEL 151.655
152.450
BALLY GRAND 463.600
154.540
462.825
RIVIERA 151.745
35.100
SILVER NUGGET 154.570
SILVER CITY & MINI MALL 154.570
SANDS 461.225
462.650
462.050
467.050
462.900
SUMMA CORP. 460.675
SAHARA 469.525
SILVERBIRD 151.755
SILVER SLIPPER 151.755
TROPICANA 466.926
461.925
UNION PLAZA 461.525

469.800
464.800
468.275
WESTWARD HO 461.400

- -

Here are some frequencies I have that may be of interest to you in the Las Vegas, Nevada:

NAME / Serv. Title C/f SUB TITLE / NAME OUTPUT INPUT
----------------- --- --------------- ------ -----
Caesar's Palace Engineering Dept. 451.425 456.425
Caesar's Palace Operations 461.95 466.95
Caesar's Palace Security 451.7 456.7
Caesar's Palace Slot Dept. 464.525 469.525
Circus Circus Hotel Security 451.575 456.575
Circus-Circus Operations 151.925 simplex
Desert Inn Security 464.625 469.625
Dunes Hotel Operation 464.625 469.625
Fitzgerald's Security 463.625 468.625
Flamingo Hotel Operations 461.325 466.325
Frontier Hotel Operations 151.775 simplex
Golden Nugget Hotel Operations 462 467
Hacienda Hotel Operations 154.6 simplex
Hilton Security 451.225 456.225
Hilton Hotel Operations 154.54 simplex
Hilton Hotel Operations 463.325 468.325
Hilton Hotel Operations 463.375 468.375
Jockey Club Casino Operations 31.04 simplex
Landmark Hotel Operations 460 465
Landmark Hotel Operations 461.55 466.55
Riviera Hotel Operations 151.745 simplex
Riviera Hotel Security 464.825 469.825
Sam's Town Security 856.837 811.837
Sands Hotel Operations 462.05 467.05
Sands Hotel Operations 462.9 467.9
Sands Hotel Security 462.05 467.05
Stardust Hotel Operations 464.725 469.725
Wagon Wheel Saloon Operations 151.895 simplex
Clark Co. FD 3 Fireground 453.7 458.7
Las Vegas Fire Dept. 153.77 simplex
Las Vegas Fire Dept. 153.95 simplex
Las Vegas Fire Dept. 154.205 simplex
Las Vegas Fire Dept. 154.34 simplex
Las Vegas Fire Dept. 154.37 simplex
Las Vegas Fire Dept. 154.43 simplex
Las Vegas Fire Dept. 1 Bat. 1 Tac. 453.15 458.15
Las Vegas Fire Dept. 4 Bat. 4 Tac. 453.4 458.4
Las Vegas Fire Dept. 5 Bat. 2 Tac. 453.1 458.1
Las Vegas Fire Dept. 6 Bat. 3 Tac. 453.7 458.7

N. Las Vegas F. Dept. 154.25 simplex
NHP Rural Disp. 1 Dispatch 42.94 42.78
NHP Car-Car 2 42.5 simplex
NHP Mobile Extenders Mobile rpts 154.92 simplex
NHP - State Police 154.69 48.78
NHP - State Police 154.755 simplex
NHP - State Police Administration 42.58 simplex
NHP - State Police Nev. Hwy Patrol 155.61 simplex
NHP - State Police Zone ? 42.8 simplex
NHP - State Police 1 Base 42.94 simplex
NHP - State Police 2 Patrol 42.78 simplex
NHP - State Police 3 Car to Car 42.7 simplex
NHP - State Police 4 Dispatch/Patr 42.88 42.78
L.V. MetroPolice(Co) 1 159.15 simplex
L.V. MetroPolice(Co) 2 158.97 simplex
L.V. MetroPolice(Co) 3 159.09 simplex
L.V. MetroPolice(Co) 4 158.745 simplex
L.V. MetroPolice(Co) 5 159.21 simplex
L.V. MetroPolice(Co) 6 159.03 simplex
L.V. MetroPolice(Co) 7 158.79 simplex
L.V. MetroPolice(Co) 8 158.835 simplex
L.V. MetroPolice(Co) 9 158.85 simplex
L.V. MetroPolice(Co) D1 Detectives 460.075 465.075
L.V. MetroPolice(Co) D2 460.125 465.125
L.V. MetroPolice(Co) D3 Detectives 460.05 465.05
North Las Vegas PD 1 Dispatch 460.075 465.075
North Las Vegas PS 2 460.125 465.125

Fire 453.1500,453.4000,453.1000,453.7000
McCarran Airport 155.8800,155.9400
Police(Clark Cnty/Vegas)
Metro f-10 swat 156.030
Metro f-8 events 156.210
Metro f-4 north 158.7450
Metro f-7 detectives 158.790
Metro f-9,10,11 rural 158.850
Metro f-3 car to car 158.970
Metro f-6 west 159.030
Metro f-2 south 159.090
Metro f-1 information 159.150
Metro f-5 detectives 159.210,460.200,460.525

Prison-Las Vegas 154.6800
University of Nevada Vegas Pd 453.2250,453.5750
EMT/Ambulance Medical 155.2200,155.2800,155.3400,462.9500,462.9750

Highway Patrol f1 42.94
(not sure about these) f2 42.56 car to car
f3 42.80
f4 42.88

McCarran International Tower 119.9
Approach 121.1,125.9,133.95
ATIS 132.4
Nellis Air Force Base Tower 126.200

Finally, scan frequencies between 461.00 to 465.00 for the Casinos.
And you will find Cellular very very interesting.

--

[John W Herndon : One Stop Tech Shop BBS (310) 421-6766 / USR 14.4K DS]
[<jwh@kaiwan.com> : Ham Radio / SWL / Scanners / Computer Aided Design]

3506. Pro-2006 opinions anything better

Newsgroup: rec.radio.scanner
Date: 1994-05-06 21:10:53 UTC
From: habu@inca.gate.net
Message-ID: <2qebot$12l1@inca.gate.net>
Source record: 274655

I just bought a Pro43 and I am looking into buying a Pro2006. Will the Pro2006 give me much of an actual range advantage,I doubt I'll be able to mount an outdoor antenna. Is there a better base model available for under $500? Does anyone know if there is an improved model in the near future. My only reason for rushing into buying the Pro2006 is I would prefer full 800mhz coverage.

Thanks for any help
Mike

3507. Re: Now the April 26 has come and gone

Newsgroup: rec.radio.scanner
Date: 1994-05-06 21:23:35 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.195.00156541@ccm.hf.intel.com>
Source record: 274642

In article <crispCpD6B3.DI7@netcom.com> crisp@netcom.com (Richard Crisp) writes:

>The point in all of this is that the ARRL does not represent the
>interests of scanner listeners, their opinions are not relevant,
>and the government had no business attaching any sort of relevance
>to anything they had to say about the proposed (now law) legislation.

>We as scanner hobbyists, deserve what we got for not having an organized
>lobby to fight for our interests. It is getting so you have to be a member
>of several organizations just to prevent (or at least slow down) this continual erosion of
our rights and privileges! Maybe Australia is a better place.....

Face it. To the "outside world" we are just peeping-toms. I don't think
there is a politician anywhere that would stand up to the activist groups to
defend our right to eavesdrop. I don't think there is an arguement that would
stand up in today's political environment that would justify our right to
monitor the airwaves. We have a major image problem (and I'm not talking
about RF images) that may be beyond repair. It is probably better that we
stay hidden. If it wasn't for all the publicity about our ability to monitor
cellular, this ban would have never happened.

Even some of my Ham friends think I'm strange for having all this monitoring
equipment. (I know my wife thinks I'm crazy).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3508. Re: Anaheim Stadium Freqs, Please.

Newsgroup: rec.radio.scanner
Date: 1994-05-06 22:00:35 UTC
From: horak@convex.com
Message-ID: <horak.768261635@convex.com>
Source record: 274653

In <1994May6.143201.1@clstac> sbcaron@csupomona.edu (Stephen Caron, Roaming the Internet) writes:

> Could someone post or email the frequencies that are used by the ushers,
>parking lot people, and whoever else is using a radio at Anaheim stadium. I
>know the police use 460.150 (white channel). Thanks.

According to the all new "Beyond Police Call", the Anaheim Arena (I assume that's the stadium you want) is......

464.375
.475
.525
.675
.825
.875
.925
.975

David

3509. Re: Singapore scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-06 22:10:43 UTC
From: rflood@cis.umassd.edu
Message-ID: <CpEIxw.Lsy@umassd.edu>
Source record: 274654

In <768048987snz@virtcity.demon.co.uk> hcorn@virtcity.demon.co.uk (Peter Sommer) writes:

>Any information on scanning in Singapore - legality, band plans,
>discrete frequencies, etc would be most welcome.

Your kidding right? I can imagine how many wacks possesing a scanner
gets you over there :-)

Seriously someone told me that US troops were told if anything
happened while in Singapore to turn themselves into the nearest MP's
no matter what they were accused of. Supposenly the singapore police
have a bad reputation for beating confessions out of people.

Now can you imagine what they would do if they found a scanner on you.
I don't think it would be a good idea. Atleast I wouldn't do it :-)

-Rich

3510. Anaheim Stadium Freqs, Please.

Newsgroup: rec.radio.scanner
Date: 1994-05-06 22:32:01 UTC
From: sbcaron@csupomona.edu
Message-ID: <1994May6.143201.1@clstac>
Source record: 274652

Could someone post or email the frequencies that are used by the ushers, parking lot people, and whoever else is using a radio at Anaheim stadium. I know the police use 460.150 (white channel). Thanks.

--
''
' "There is a purpose to time, you know. '
' It keeps everything from happening all at once" -Grand Tour '
' -----=======------- '
' Steve Caron SBCARON@vmsa.is.csupomona.edu '
''

3511. Looking for NYC Frequency

Newsgroup: rec.radio.scanner
Date: 1994-05-06 23:51:03 UTC
From: Rickey.Stein@illusion.metronj.org
Message-ID: <b04_9405071112@nisc.fidonet.org>
Source record: 274576

Your best best is the Scanner Master New York Metro/Northern New Jersey
Guide. Available from SM at 1-800-SCAN-701.
.
Rickey Stein
International Editor, RCMA

3512. BEYOND POLICE CALL is out!

Newsgroup: rec.radio.scanner
Date: 1994-05-06 23:51:18 UTC
From: berling@alleg.edu
Message-ID: <2qel5m$ms1@mustang.alleg.edu>
Source record: 274531

I haven't seen anyone else post this, but surely someone knows

that the Beyond Police Call has been printed and is out. Got mine last night (9.95 + tax) and one volume covers entire country. Salesman at RS said that his store got them in on 5/3. If Meadville has 'em, someone else has to.
After perus

ing and checking several frequencies, it seems that the freq. data is not up to date or is incomplete. The main frequencies for Hersheypark aren't even listed, and the two that are posted are low-power, non-repeater stations. Who knows what's going on -- perhaps that's why they encourage you to write.
Overall, is interesting and full of "fun" frequencies. Ample listing of utility companies and schools (college security). I'd have to say that it was probably a decent buy.
Anyone else have comments?

Gordon
"Just one week of school -- YEA!"
--
Gordon Berlin berling@alleg.edu
Hershey Vol. Fire Co. Allegheny College
Hersheypark Safety and Security Meadville, PA
Hershey, PA
"Chocolatetown, U.S.A."
"Yes, ma'am, that really is the smell of chocolate in the air."

3513. Re: PRO-2006 EMMITS LOW HUM

Newsgroup: rec.radio.scanner
Date: 1994-05-07 00:40:17 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May7.004017.7298@hpcvaac.cv.hp.com>
Source record: 274660

brian.oakley@chrysalis.org writes:
:
: evidently rs is not switching the primary side of the transformer so it can
: supply power to the memories in the scanner. but it thought thats what the
: battery backup did. hummm. seems rs is not switching the primairy side of the
: transformer in accordance to nec codes. anyone dug into this rig to see how the
: power is switched on and off? brian.
: brain.oakley@chrysalis.com

The NEC does not specify whether you switch the primary or the secondary
of the transformer.

I suppose I should buy the service manual, to see how they have it set up.

Bill

3514. TR 2500

Newsgroup: rec.radio.scanner
Date: 1994-05-07 01:15:36 UTC
From: srogers@uqac.uquebec.ca
Message-ID: <CpErI0.Bor@uqac.uquebec.ca>
Source record: 274582

Hello all

Well, today I did it.

I ordered a TR 2500 (total coverage 1-1300 MHz) scanner. Retail price (as advertised on back cover of Pop-Com, May issue) is 449S US (around 650$ CAN). I presently own a Pro-57.

Unfortunately, due to back-order and shipping delays, I'll have my new toy in about 2 weeks :((((

Does anyone own/know about/have any comments on the TR 2500 ? I would appreciate any information you may have. E-mail me or post if of general interest.

Susan

3515. Scanner Dealers

Newsgroup: rec.radio.scanner
Date: 1994-05-07 01:45:18 UTC
From: fcarter@aludra.usc.edu
Message-ID: <2qerre$nhe@aludra.usc.edu>
Source record: 274661

Does anyone have a list of radio scanners dealers other then Radio shack? Also which of the radio shack models below $300 would you recomened?

fcarter@usc.edu

3516. CT Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-07 06:59:53 UTC
From: tempara <wayneadams@delphi.com>
Message-ID: <Rc7MENZ.wayneadams@delphi.com>
Source record: 274663

I'm trying to get some frequencies for connecticut area. I'm
especially interested in the Waterbury area! My RS book gives me several 800
freq. for Wtby police but they haven't (and probably won't) change over. Any
help would be greatly appreciated!
Please e-mail at WayneAdams@Delphi.com

3517. This Week on Spectrum May 7, 1994

Newsgroup: rec.radio.scanner
Date: 1994-05-07 13:05:09 UTC
From: spectrum@starcomm.overleaf.com
Message-ID: <2qg3m5$be3@starcomm.overleaf.com>
Source record: 274668
Cross-posted to:
rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.scanner,rec.video.satellite,rec.radio.cb,alt.radio.scanner,alt.radio.pirate

This week's Spectrum will feature the world of weather satellites. Our guest is Jeff Kelly. Jeff is an expert at weather satellite imagery. He will tell us how to demodulate and decode those exciting pictures from space. You can be your own meteorologist this week on Spectrum.

On Saturday May 14'th we will take a look at Digital Audio Broadcasting or DAB. This high-tech system of broadcasting is in the wings and should be here near the end of the century. A few systems have been proposed for dab and a standard hasn't been decided as of yet. Our guest will be Ted Schober. Ted has been on the leading edge in the world of DAB and will give us a look into the radio of the future.

--
Spectrum airs live Sunday at 0200 UTC (2200 EDT Saturday) on:

WWCR, 5810 KHz, Nashville, TN (World Wide)
WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
KHNC, 1360 AM, Denver, CO (Denver Area)
Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)

Spectrum is rebroadcast:

Sunday at 1500 EDT, on WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)

--
Spectrum, "The Communications Magazine You Read With Your Ears."
Box 722, Holmdel, NJ, 07733-0722, USA
spectrum@overleaf.com, askspectrum@attmail.com, spectrumshow@genie.geis.com
+1 800-787-SPECTRUM, +1 908-671-4209

3518. Ill Anti Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-05-07 14:32:41 UTC
From: wcarty@delphi.com
Message-ID: <hY4MM-R.wcarty@delphi.com>
Source record: 274667

To some of you who feel that opening ours mouths and defending our priveledges
in amatuer radio may not be a good thing. And I am not beating up on any one
just trying to make a point on freedom of speach. I offer the following poem
from a novel by Julia
n Jay Savarin call Pale Flyer

"When the Nazis came for Communists,
I was silent.
I was not a Communist.
When they jailed the Social Democrats,
I was silent.
I was not a Social Democrat.
When they came for the Trade Unionist,
I was silent.
I was not a Trade Unionist.
and when they came for me,
there was no one left to protest...

The lines I would add...

When they came came for the gun owners.
I was silent.
I didn't own a gun.
When the came for Civil Right Activist,
I was silent.
I wasn't a civil rights activist.
When the taxes rose too high, and I was unhappy,
it was impossible to protest as no was there to protest with me
they had taken our rights and no one had given a dam before now.

The moral of this story is two things!
1.) In this county we are allowed to express our dislike about a certain
activity, and few people take the oppourtunity to do it!
2.) If you don't take a stand and let your opinion be known no one else will
hear your side of it, and if you wait too long it wmatter as no one will be
there to here you. Stand up, let your self be counted for what you belive in
so you don't loose your p
riveledges and become one of the silent majority who get stomped on.

Bill C, N8PAG

3519. Re: RS 1000 channel base scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-07 15:19:05 UTC
From: steven@sgb.oau.org
Message-ID: <CpFuJu.89y@sgb.oau.org>
Source record: 274388

In article <ross-030594063219@earl.llnl.gov>,
Gary Ross <ross@novax.llnl.gov> wrote:
>Radio Shack now has a 1000 channel base scanner in the works (GRE built and
>not cellular restorable). Might be out later this year.
>
>Gary

If so, it would be better to buy it from Tandy U.K. as it would have cellular capability from there. If anyone needs the number or address, please e-mail me for it or I can post it here. Tandy U.K. is the "Radio Shack" found in England. They do ship out equipment, I have all the details over here (need to dig them out) right down the the phone number).

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
GEnie: s.bradley6@genie.geis.com |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

3520. RE: Dallas freqs... Here ya go...

Newsgroup: rec.radio.scanner
Date: 1994-05-07 15:21:36 UTC
From: macphee@aimhi.enet.dec.com
Message-ID: <2qg8c7$5lr@jac.zko.dec.com>
Source record: 274669

```
Dallas, Texas

Frequency List, Sorted by User

USER FREQUENCY LOCATION CODE MODE
-------------------- --------- ------------------ ---- ----
ABC NETWORK 450.0875 DALLAS BA FM
450.1125 DALLAS BA FM
450.3875 DALLAS BA FM
450.4125 DALLAS BA FM
450.5875 DALLAS BA FM
455.0875 DALLAS BA FM
455.3875 DALLAS BA FM
455.4875 DALLAS BA FM
455.5875 DALLAS BA FM
AMERICAN AIRLINES 129.0000 DFW AIRPORT AAL AM
129.0500 DFW AIRPORT AAL AM
129.2000 DFW AIRPORT AAL AM
129.8500 DFW AIRPORT AAL AM
151.8650 DFW AIRPORT IB FM
460.7750 DFW AIRPORT IB FM
462.8500 DFW AIRPORT IB FM
465.0000 DFW AIRPORT PG FM
DALLAS BAPTIST 151.7450 DALLAS IB FM
COLLEGE
DALLAS CENTRAL 859.4625 CARROLLTON PL FM
APPRASIAL DIST
DALLAS CITY PAGING 153.8450 DALLAS PL FM
DALLAS CIVIL DEFENSE 155.0250 DALLAS PL FM
(RP)

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Frequency List, Sorted by User

USER FREQUENCY LOCATION CODE MODE
-------------------- --------- ------------------ ---- ----
DALLAS CO. COMM. 155.5350 DALLAS PP FM
COLLEGE DIST.
159.1500 DALLAS PP FM
DALLAS CO. DIST. 154.6500 DALLAS PP FM
ATTY. (RP)
DALLAS CO. FD 154.2350 GARLAND PF FM
154.2800 GARLAND PF FM
DALLAS CO. HOSPITAL 453.6250 DALLAS PL FM
DIST.
```

453.7250 DALLAS PL FM
DALLAS CO. SHERIFF 37.1400 DALLAS PP FM
37.1800 DALLAS PP FM
37.4000 DALLAS PP FM
154.9950 DALLAS PL FM
155.2500 DALLAS PP FM
155.7450 DALLAS PL FM
155.9700 DALLAS PP FM
158.7300 DALLAS PP FM
158.8350 DALLAS PL FM
158.8650 DALLAS PL FM
158.9100 DALLAS PP FM
159.0300 DALLAS PP FM
DALLAS CO. SHERIFF 155.6700 DALLAS PP FM
(RP)
155.7150 DALLAS PL FM
155.9850 DALLAS PL FM
DALLAS CO. WATER 153.4100 DALLAS IW FM
DIST.
156.0150 DALLAS IW FM
DALLAS EMERGENCY 37.9000 DALLAS PS FM
CORPS
DALLAS FD 154.2200 DALLAS PF FM
154.3400 DALLAS PF FM
154.4450 DALLAS PF FM
DALLAS FD CH. 01 154.4150 DALLAS PF FM
DALLAS FD CH. 02 154.1300 DALLAS PF FM
DALLAS FD CH. 03 153.8900 DALLAS PF FM
DALLAS FD CH. 04 154.1600 DALLAS PF FM
DALLAS FD DISPATCH 460.5750 DALLAS PF FM
DALLAS GRAND PRIX 451.3600 DALLAS IB FM
456.2800 DALLAS IB FM
456.3800 DALLAS IB FM
457.5800 DALLAS IB FM
457.9000 DALLAS IB FM
457.9500 DALLAS IB FM
DALLAS ISD 154.5700 DALLAS IB FM
464.1000 DALLAS IB FM
484.2375 DALLAS IB FM
484.5625 DALLAS IB FM
DALLAS MARKET CENTER 461.0500 DALLAS IB FM
461.7125 DALLAS IB FM

USER FREQUENCY LOCATION CODE MODE
-------------------- --------- ------------------ ---- ----
DALLAS MEDICAL & 461.5000 DALLAS IB FM
SURGICAL HOSP

DALLAS MORNING NEWS 452.9750 DALLAS IY FM
DALLAS NAS 30.4500 DALLAS USN FM
DALLAS USN FM
32.4500 DALLAS USN FM
34.1500 DALLAS USN FM
DALLAS USN FM
34.5500 DALLAS USN FM
36.1500 DALLAS USN FM
DALLAS USN FM
36.5500 DALLAS USN FM
DALLAS USN FM
36.8500 DALLAS USN FM
DALLAS USN FM
38.3000 DALLAS USN FM
DALLAS USN FM
40.8000 DALLAS USN FM
DALLAS USN FM
41.9000 DALLAS USN FM
140.0500 DALLAS USN FM
140.0750 DALLAS USN FM
140.6500 DALLAS USN FM
140.7750 DALLAS USN FM
143.6750 DALLAS USN FM
143.7000 DALLAS USN FM
148.3500 DALLAS USN FM
148.9500 DALLAS USN FM
252.3000 DALLAS USN AM
265.8000 DALLAS USN AM
266.6000 DALLAS USN AM
311.6000 DALLAS AAH AM
344.2000 DALLAS USN AM
345.4000 DALLAS USN AM
353.4000 DALLAS USN AM
355.6000 DALLAS USN AM
DALLAS NAS A/D 227.8000 DALLAS AAD AM
252.9000 DALLAS AAD AM
322.1000 DALLAS AAD AM
364.0000 DALLAS AAD AM
372.1000 DALLAS AAD AM
DALLAS NAS CRASH 40.8200 DALLAS USN FM
CREWS
DALLAS NAS GROUND 382.8000 DALLAS AGC AM
CONTROL
DALLAS NAS NAVY 149.4750 DALLAS USN FM
CRASH INVES.
DALLAS NAS POLICE 149.2650 DALLAS UAF FM
163.4875 DALLAS UAF FM
DALLAS NAS RADAR APP 134.1000 DALLAS AAH AM
268.7000 DALLAS AAH AM

Frequency List, Sorted by User

USER	FREQUENCY	LOCATION	CODE	MODE
DALLAS NAS RADAR APP	271.4000	DALLAS	AAH	AM
	315.6000	DALLAS	AAH	AM
DALLAS NAS TOWER	126.2000	DALLAS	ATW	AM
	336.4000	DALLAS	ATW	AM
	340.2000	DALLAS	ATW	AM
	360.2000	DALLAS	ATW	AM
DALLAS NAS-AIR	303.0000	DALLAS	UAF	AM
NAT.GD OPS				
DALLAS NORTH	462.8500	DALLAS	IB	FM
APARTMENTS				
DALLAS PD	456.5000	DALLAS	PP	FM
	856.7375	DALLAS	PT	FM
	856.9875	DALLAS	PT	FM
	857.7375	DALLAS	PT	FM
	857.9875	DALLAS	PT	FM
	858.7375	DALLAS	PT	FM
	858.9875	DALLAS	PT	FM
	859.7375	DALLAS	PT	FM
	859.9875	DALLAS	PT	FM
	860.7375	DALLAS	PT	FM
	860.9375	DALLAS	PT	FM
	860.9875	DALLAS	PT	FM
DALLAS PD CH. 01	460.3250	DALLAS	PP	FM
DALLAS PD CH. 02	460.3750	DALLAS	PP	FM
DALLAS PD CH. 03	460.5000	DALLAS	PP	FM
DALLAS PD CH. 04	460.4250	DALLAS	PP	FM
DALLAS PD CH. 05	460.0750	DALLAS	PP	FM
DALLAS PD CH. 06	460.1750	DALLAS	PP	FM
DALLAS PD CH. 07	460.2750	DALLAS	PP	FM
DALLAS PD CH. 08	460.1250	DALLAS	PP	FM
DALLAS PD CH. 09	460.0250	DALLAS	PP	FM
DALLAS PD CH. 10	460.2250	DALLAS	PP	FM
DALLAS PD CH. 11	460.4750	DALLAS	PP	FM
DALLAS PD CH. 12	460.4000	DALLAS	PP	FM
DALLAS PD PAGING	155.1900	DALLAS	PP	FM
DALLAS PD	155.4900	DALLAS	PP	FM
SURVELLANCE				
DALLAS POWER & LIGHT	47.8000	DALLAS	IW	FM
	48.0200	DALLAS	IW	FM
	48.1000	DALLAS	IW	FM
	48.1600	DALLAS	IW	FM
	48.3600	DALLAS	IW	FM
	451.2250	DALLAS	IW	FM
DALLAS PRODUCTS	48.6000	DALLAS	IP	FM
DALLAS SECURITY CH.	482.8125	DALLAS	PL	FM

1

DALLAS SECURITY CH. 482.6375 DALLAS PL FM
2
DALLAS THEATRE 464.3000 RENNER IB FM
CENTER
DALLAS TIMES HERALD 173.3750 DALLAS IY FM

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Frequency List, Sorted by User

USER FREQUENCY LOCATION CODE MODE
------------------- --------- ----------------- ---- ----
DALLAS TIMES HERALD 453.0000 DALLAS IY FM
DALLAS, CITY OF 153.7400 DALLAS PL FM
153.7550 DALLAS PL FM
153.8150 DALLAS PL FM
153.8750 DALLAS PL FM
153.9350 DALLAS PL FM
153.9950 DALLAS PL FM
154.9650 DALLAS PL FM
155.9550 DALLAS PL FM
156.0225 DALLAS PL FM
156.0450 DALLAS PH FM
158.7600 DALLAS PL FM
158.7750 DALLAS PL FM
158.9625 DALLAS PL FM
159.1800 DALLAS PH FM
159.2400 DALLAS PO FM
159.4650 DALLAS PO FM
451.0750 DALLAS IW FM
451.1250 DALLAS IW FM
451.1500 DALLAS IW FM
451.2000 DALLAS IW FM
453.1125 DALLAS PL FM
453.4250 DALLAS PL FM
453.5500 DALLAS PL FM
453.6500 DALLAS PL FM
453.7000 DALLAS PL FM
453.8500 DALLAS PL FM
453.8750 DALLAS PL FM
453.9125 DALLAS PL FM
458.1125 DALLAS PL FM
458.6125 DALLAS PL FM
458.9125 DALLAS PL FM
458.9375 DALLAS PL FM
854.8625 DALLAS PL FM
855.1625 DALLAS PL FM
855.3875 DALLAS PL FM
855.4375 DALLAS PL FM
855.6125 DALLAS PL FM
855.6625 DALLAS PL FM

855.6875 DALLAS PL FM
855.7125 DALLAS PL FM
855.9375 DALLAS PL FM
855.9625 DALLAS PS FM
DALLAS PL FM
DALLAS, CITY OF (RP) 156.2250 DALLAS PL FM
158.7375 DALLAS PL FM
158.9400 DALLAS PL FM
DALLAS, COUNTY OF 150.9950 DALLAS PH FM
156.2250 DALLAS PH FM
482.8375 IRVING PL FM
484.5625 IRVING PL FM

Frequency List, Sorted by User

USER FREQUENCY LOCATION CODE MODE
---------- --------- ---------- ---- ----
DALLAS, COUNTY OF 853.6875 DALLAS PL FM
853.8875 DALLAS PL FM
DALLAS, COUNTY OFF 853.8125 DALLAS PL FM
DALTON & SON FUNERAL 155.2800 LEWISVILLE PS FM
HOME
DALWORTHINGTON 156.0300 DALWORTHINGTON PP FM
GARDENS PD GARDN
DALWORTHINGTON 155.0700 DALWORTHINGTON PP FM
GARDENS PD (RP) GARDN
DANIEL EMERGENCY 155.2050 FT. WORTH PS FM
SERVICES
BURLESON PS FM
155.3400 FT. WORTH PS FM
BURLESON PS FM
DART 856.2375 DALLAS PL FM
857.2375 DALLAS PL FM
858.2375 DALLAS PL FM
859.2375 DALLAS PL FM
860.2375 DALLAS PL FM
DE SOTO FD 46.5800 DE SOTO PF FM
DE SOTO PD DIS (RP) 155.5950 DE SOTO PP FM
DE SOTO, CITY OF 482.4375 DE SOTO PL FM
DEA 418.6250 DALLAS UXX FM
DEA CH. 6 (RP) 418.9500 DALLAS UXX FM
DECATUR AIRPORT 116.5000 DECATUR AVR AM
DECIBEL PRODUCTS 151.1450 DALLAS PO FM
159.2250 DALLAS PO FM
956.0000 DALLAS MREL FM
DELTA 128.8500 DFW AIRPORT AAL AM
128.9750 DFW AIRPORT AAL AM
129.5500 DFW AIRPORT AAL AM
131.4500 DFW AIRPORT AAL AM

131.8500 DFW AIRPORT AAL AM
DELTA AIRLINES 460.8250 DFW AIRPORT IB FM
DENTON AIRPORT 123.5500 DENTON AFS AM
DENTON CO. ELECTRIC 47.9800 DENTON IW FM
CO-OP
DENTON CO. FD 46.4600 DENTON PF FM
DENTON CO. SHERIFF 155.6850 DENTON PP FM
156.0900 DENTON PP FM
DENTON CO. SHERIFF 155.8350 DENTON PL FM
DIS (RP)
DENTON COUNTY FIRE 46.4600 DENTON PF FM
DENTON, CITY OF 45.1600 DENTON PL FM
45.4800 DENTON PL FM
155.2350 DENTON PS FM
159.3300 DENTON PO FM
453.3250 DENTON PL FM
853.0625 DENTON PT FM
853.9125 DENTON PT FM
854.5625 DENTON PT FM

Frequency List, Sorted by User

USER FREQUENCY LOCATION CODE MODE
-------------------- --------- ------------------ ---- ----
DENTON, CITY OF 856.3125 DENTON PT FM
857.3125 DENTON PT FM
858.3125 DENTON PT FM
859.3125 DENTON PT FM
860.3125 DENTON PT FM
DENTON, COUNTY OF 154.0400 LEWISVILLE PL FM
453.3250 DENTON PL FM
856.2875 DENTON PT FM
857.2875 DENTON PT FM
858.2875 DENTON PT FM
859.2875 DENTON PT FM
860.2875 DENTON PT FM
DFW AIPRORT A/D 379.5000 DFW AIRPORT AAD AM
DFW AIPRORT EXIT 348.6000 DFW AIRPORT AEX AM
DELIVERY FQ.
DFW AIRPORT 111.9000 DFW AIRPORT AVR AM
122.8500 DFW AIRPORT AMM AM
123.2000 DFW AIRPORT AMM AM
123.3000 DFW AIRPORT AMM AM
123.3500 DFW AIRPORT AMM AM
123.4000 DFW AIRPORT AMM AM
123.5000 DFW AIRPORT AMM AM
123.9000 DFW AIRPORT AAH AM
128.2500 DFW AIRPORT AEX AM
133.1500 DFW AIRPORT AAD AM

134.9000 DFW AIRPORT ASI AM
135.5000 DFW AIRPORT ASI AM
453.2250 DFW AIRPORT PL FM
453.5250 DFW AIRPORT PL FM
453.8000 DFW AIRPORT PL FM
DFW AIRPORT A/D 255.7000 DFW AIRPORT AAD AM
256.7000 DFW AIRPORT AAD AM
322.1000 DFW AIRPORT AAD AM
364.0000 DFW AIRPORT AAD AM
397.2000 DFW AIRPORT AAD AM
DFW AIRPORT FD 453.0500 DFW AIRPORT PF FM
DFW AIRPORT GROUND 133.1500 DFW AIRPORT AGC AM
DFW AIRPORT GROUND 134.0500 DFW AIRPORT AGC AM
CONTROL
348.6000 DFW AIRPORT AGC AM
DFW AIRPORT MEDICAL 155.4000 DFW AIRPORT PS FM
DFW AIRPORT PD CH. 1 460.3500 DFW AIRPORT PP FM
DFW AIRPORT PD CH. 2 460.4500 DFW AIRPORT PP FM
DFW AIRPORT TOWER 308.2000 DFW AIRPORT ATW AM
DFW AIRPORT TOWER - 126.5500 DFW AIRPORT ATW AM
EAST
DFW AIRPORT TOWER - 124.1500 DFW AIRPORT ATW AM
WEST
DFW AIRPORT-EAST 121.6500 DFW AIRPORT AGC AM
DFW AIRPORT-WEST 121.8000 DFW AIRPORT AGC AM
DFW REGIONAL ADD/DEP 124.2500 DFW AIRPORT AAD AM

Frequency List, Sorted by User

USER FREQUENCY LOCATION CODE MODE
------------------- --------- ------------------ ---- ----
DFW REGIONAL APP/DEP 118.1000 DENTON AAD AM
118.5500 DFW AIRPORT AAD AM
119.0500 DFW AIRPORT AAD AM
119.4000 DFW AIRPORT AAD AM
120.5000 DFW AIRPORT AAD AM
124.3000 DFW AIRPORT AAD AM
124.5000 DFW AIRPORT AAD AM
125.2000 DFW AIRPORT AAD AM
125.8000 DFW AIRPORT AAD AM
127.7500 DFW AIRPORT AAD AM
132.1000 DFW AIRPORT AAD AM
225.7000 DFW AIRPORT AAD AM
379.9000 DFW AIRPORT AAD AM
DFW VALET PARKING 464.8250 DFW AIRPORT IB FM
154.2650 WAXAHACHIE PF FM
ELLIS CO. SHERIFF 155.8350 WAXAHACHIE PP FM
(RP)
ELLLIS CO. DOCTORS 37.9800 WAXAHACHIE PS FM

EMERGENCY AND ELTS 121.5000 WORLWIDE AEE AM
EMERGENCY FREQUENCY 406.0000 WORLDWIDE AEE AM
EMERGENCY 243.0000 WORLWIDE AEE AM
HILTON 464.7125 DFW AIRPORT IB FM
HILTON-LBJ 464.3750 DALLAS IB FM
465.0000 DALLAS IB FM

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Frequency List, Sorted by User

USER FREQUENCY LOCATION CODE MODE
------------------- --------- ----------------- ---- ----
IN-AIR REFUELING 235.1000 WORLDWIDE UAF AM
238.7000 WORLDWIDE UAF AM
238.9000 WORLDWIDE UAF AM
252.1000 NATIONWIDE UAF AM
254.6000 WORLDWIDE UAF AM
266.5000 WORLDWIDE UAF AM
276.5000 WORLDWIDE UAF AM
289.7000 WORLDWIDE UAF AM
293.0000 WORLDWIDE UAF AM
305.5000 WORLDWIDE UAF AM
326.0000 WORLDWIDE UAF AM
327.6000 WORLDWIDE UAF AM
340.8000 WORLDWIDE UAF AM
352.7000 WORLDWIDE UAF AM
IN-AIR 321.2000 AUSTIN UAF AM
REFUELING-BERSRTOM
INFOMART SECURITY 463.5750 DALLAS IB FM
INTERNATIONAL 154.5700 GRAND PRARIE IB FM
WILDLIFE PARK
IRVING FD CH. 1 482.5125 IRVING PF FM
IRVING FD CH. 2 482.5375 IRVING PF FM
IRVING FD CH. 3 482.9375 IRVING PF FM
IRVING PD CH. 1 482.7625 IRVING PP FM
IRVING PD CH. 2 482.7375 IRVING PP FM
IRVING PD CH. 3 482.7125 IRVING PP FM
IRVING PD CH. 4 482.6875 IRVING PP FM
IRVING, CITY OF 158.8200 IRVING PL FM
158.9250 IRVING PL FM

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Frequency List, Sorted by User

USER FREQUENCY LOCATION CODE MODE
------------------- --------- ----------------- ---- ----
IRVING, CITY OF (RP) 155.7750 IRVING PL FM
156.1050 IRVING PL FM
J.C. PENNEY 151.6550 DALLAS IB FM
JET AMERICA 130.9500 DFW AIRPORT AAL AM

JOHNSON CO. ELECTRIC 48.1800 CLEBURNE IW FM
CO-OP

Internet: macphee@aimhi.enet.dec.com
UUCP: !decwrl!mko.dec.com!macphee
MCImail: 4670595@mcimail.com

3521. Re: Now the April 26 has come and gone

Newsgroup: rec.radio.scanner
Date: 1994-05-07 15:53:18 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May7.105318.2314@hnrc.tufts.edu>
Source record: 274671

In article <brett_miller.195.00156541@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
> I don't think there is an arguement that would
> stand up in today's political environment that would justify our right to
> monitor the airwaves.

How about . . .

Someone is sending these signals through *my body* and you're telling me I can't listen?!

3522. Re: Now the April 26 has come and gone

Newsgroup: rec.radio.scanner
Date: 1994-05-07 15:54:34 UTC
From: steven@inca.gate.net
Message-ID: <2qgdjq$1ihq@inca.gate.net>
Source record: 274673

In article <2qdbr6$fls@umcc.umcc.umich.edu> lbutler@umcc.umcc.umich.edu (Les Butler) writes:
>The Icom memo I saw a few months ago said they were deleting the 800-900
>band just so they won't have to redesign the radios. If we don't buy
>anymore Icom's they should get the idea, if they want to sell radio's
>they will need to delete cellular only, not the whole band.
>Most hams don't care about scanners? Most hams I know have scanners, many
>of them in fact. I guess I missed your point on that one?
> L.B.
>

If they want to sell radios, they will have to start selling the parts
and instructions to mod it back to original design as a separate item
not requiring FCC approval and falling under parts and raw semiconductors
which there is no ban on. Most people who buy this type of equipment
would understand how to upgrade it to its original design given parts,
bag, maybe pre-assembled rf module (module on its own would not violate
the law as it by itself is not illegal).

I am all for IGNORE THE LAW!

'Nuff said!

Steven

3523. LA Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-07 16:26:13 UTC
From: fcarter@aludra.usc.edu
Message-ID: <2qgff5$8qp@aludra.usc.edu>
Source record: 274672

Can someone please e-mail the frequencies for the LA area? Thanks in advance!

Fcarter@usc.edu

3524. Re: New scanner, AOR-8000?

Newsgroup: rec.radio.scanner
Date: 1994-05-07 17:45:04 UTC
From: sethkc@well.sf.ca.us
Message-ID: <2qgk30$grd@nkosi.well.com>
Source record: 274575

In article <1994May2.212748.19062@inca.comlab.ox.ac.uk>,
Richard J Warburton <warburtn@teaching.physics.ox.ac.uk> wrote:
> I was reading today in a magazine ("Short Wave", I think. A UK magazine).
>That AOR are just about ready to release a new hand-held scanner. It should
>have been out by now, but they claim to be having some problems with the
>micro-controllers. Apparently there is a world shortage of this particular
>MPU, which is used in cellular telephones. I don't quite believe that
>story about chip shortages.

Man! I hope not: AOR hasn't fixed all their *existing* scanners yet.
By the way, there doesn't seem to be much of a shortage of cell phones.

> Anyway, has anyone else heard anymore about this new hand-held? I believe
>it was the AOR-8000, but I could be mis-remembering. It must be out to
>try and compete with the Yaesu MVT-7100; so hopefully has AM/SSB/NFM/WFM
>etc.

Yupiteru MVT-7100. Better than any AOR product I've seen or owned.
--
"Back off man!" - Ren Hoek "Bite me! It's fun." - Crow T. Robot
sethkc@well.sf.ca.us || seth@nellcor.com From Totoville, USA

3525. Re: Illegal to carry scanner into US?

Newsgroup: rec.radio.scanner
Date: 1994-05-07 17:48:02 UTC
From: sgbradley@aol.com
Message-ID: <2qgk8i$guv@search01.news.aol.com>
Source record: 274674

In article <CpD1Iu.Mws@freenet.carleton.ca>, as088@FreeNet.Carleton.CA (Bob Marcy) writes:

Jeez Steve, what do you have against us Canuks that you'd lump us with the Germans and prefer the Brits? (decidedly unPC statement in jest... really!) Sure we've got you over a barrel on Duram wheat 'cuz you've...

Sorry, I did not mean it to sound quite that way, I was attempting to stress there should be other sources in the U.K. and not only leave two countries available. I admit it was poorly worded.

All this junk about April 26 has aggrivated me since it is quite unenforcible for personal importation (reasons are explained elsewhere), and yet every company who will see lost sales is banking on it!

Sorry,

Steven

3526. Looking for a railroad scanner...I think.

Newsgroup: rec.radio.scanner
Date: 1994-05-07 18:01:37 UTC
From: dmurphy@hamp.hampshire.edu
Message-ID: <2qhkn4$iim@nic.umass.edu>
Source record: 274590

Im looking for a railroad scanner, I think. Anyone have suggestions about what to look for, where to buy one, how much they cost? What they do anyway, I mean the finer points?
-ignorant but curious.

3527. Scanner BBS

Newsgroup: rec.radio.scanner
Date: 1994-05-07 20:07:58 UTC
From: jwh@kaiwan.com
Message-ID: <2qgseu$cn@kaiwan.kaiwan.com>
Source record: 274577
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I just opened up a new BBS serving the scanner community. I didn't want to
post a huge ad because it may not be be appropriate for this newsgroup.
If you would like more information email or finger jwh@kaiwan.com.

Thank you for the use of the bandwidth. -John
--

[John W Herndon : One Stop Tech Shop BBS (310) 421-6766 / USR 14.4K DS]
[<jwh@kaiwan.com> : Ham Radio / SWL / Scanners / Computer Aided Design]

3528. Re: Crib NMonitors

Newsgroup: rec.radio.scanner
Date: 1994-05-07 21:47:34 UTC
From: rpetteng@pipeline.com
Message-ID: <2qh29m$43f@pipeline.com>
Source record: 274580

fkilpatr@afit.af.mil (Freeman A. Kilpatrick) wrote:

>Does anyone know the typical frequencies used by crib
>monitors? The documentation on our crib monitor
>doesn't have any specifications, and I would like to
>find out how far outside the house it transmits to.

Crib monitors, aka baby monitors, transmit on 49.830, 49.845,
49.860, 49.875 and 49.890.

Roger Pettengill - rpetteng@pipeline.com

3529. Re: New BC220s available now

Newsgroup: rec.radio.scanner
Date: 1994-05-07 22:31:16 UTC
From: philscott@delphi.com
Message-ID: <504MczU.philscott@delphi.com>
Source record: 274578

Lerxst <sdougla@bgsu.edu> writes:

>Phil,
>
>what are the specs on this radio?

It's a great 12 band , 200 Channel Scanner w/ 100 cps scan and 300 ips (incr/s search capability. Has service search, data skip, light that stays on etc.
Mine came today and I love it.
Phil N3KDJ

3530. Re: New BC220s available now

Newsgroup: rec.radio.scanner
Date: 1994-05-07 22:33:02 UTC
From: philscott@delphi.com
Message-ID: <5U4O8nW.philscott@delphi.com>
Source record: 274579

Peter Laws <plaws@comp..uark.edu> writes:

>>The new BC220s are out now-ordered one today...only a few available from
>>select group of dealers. Ordered mine from The Base Station at
>
>With the classic Bearcat sloped front? Really? Or did you get the ## wrong?

Yes. Yes. No, I did not get the # wrong. Rec'd my 220 today "and loving it"
Phil N3KDJ

3531. Re: Wanted: Las Vegas LADY LUCK Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-07 23:22:03 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May7.182203.2316@hnrc.tufts.edu>
Source record: 274581

In article <CpE19E.31xD@austin.ibm.com>, ala@austin.ibm.com (Al) writes:
>
> Please post the frequencies for Las Vegas!!

Beyond Police Call (available at a RS near you) has two pages of Las Vegas casinos, including 5 Lady Luck frequencies.

> Also need freq's for New Orleans.

plus 7 frequencies for Players Riverboat Casinos and 5 for Star Casino.

3532. Re: LA Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-07 23:23:57 UTC
From: mpage@netcom.com
Message-ID: <mpageCpGGzx.L6B@netcom.com>
Source record: 274583

Fortney Carter (fcarter@aludra.usc.edu) wrote:
: Can someone please e-mail the frequencies for the LA area? Thanks in
: advance!

: Fcarter@usc.edu
I am not sure where you are, but what you ask is a joke. There are thousands
of freqs for the Greater L.A. area. If you are local or want to call me at the
office I can tell you what you want. I am ususlly in about 0830 till 1500 and
I work for a newsgathering agency. Tom (310) 838-1436
--
==========
| Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436 | |
|==========
	MEDIA PAGE
Internet: mpage@netcom.com	Breaking News Stories to
CIS: 71674,1610	the News Media since 1978
==========

3533. Re: PRO-2006 EMMITS LOW HUM

Newsgroup: rec.radio.scanner
Date: 1994-05-08 00:44:27 UTC
From: copeland@metronet.com
Message-ID: <CpGKq4.HIt@metronet.com>
Source record: 274586

In article <9405061724.A0567wk@chrysalis.org>,
<brian.oakley@chrysalis.org> wrote:
>
>evidently rs is not switching the primary side of the transformer so it can
>supply power to the memories in the scanner. but it thought thats what the
>battery backup did. hummm. seems rs is not switching the primairy side of the
>transformer in accordance to nec codes. anyone dug into this rig to see how the
>power is switched on and off? brian.

Your correct. I have the 2006 schematics. They show the transformer
always stays on generating ~14VDC. This supplies power to the backup
memory. Only if the unit is unplugged does the backup battery kick.
Makes sense, otherwise your backup battery would always be dying.

--

| copeland@metronet.com |

3534. DFW frequency list

Newsgroup: rec.radio.scanner
Date: 1994-05-08 01:22:16 UTC
From: copeland@metronet.com
Message-ID: <CpGMH5.lwr@metronet.com>
Source record: 274587

Not new, but the only thing available I know of. Better than RS book.

==========

Many Thanks to Chris Howell for the Following
Listing of Regional Emergency Frequencies

==========

DALLAS/FORT WORTH AREA FREQUENCIES(tm)

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5th Dimension (214) 416-6382
ASSIST RBBS (214) 475-5282
Datalink (214) 340-5850
Phoenix North Mesquite (214) 681-9305
RF's & Lectron's (Met) 267-5880
Phoenix Shipyard (214) 686-1962
Phoenix Starship (Met) 261-6292
Texas Connection (Met) 540-1835

Chris Howell Version 10.0P
03\05\1989

Dallas/Fort Worth Area Frequencies (tm)
Public Version 10.0P
Listed by CITY
03/05/89 Page 1

City Department Ch Frequency Usage
================== ============== == ========== ====================
Addison Airport 121.1000 Tower
Addison Airport 121.6000 App/Clear/Deliv
Addison Airport 121.7000 Ground
Addison Airport 123.0000 Unicom
Addison Airport 126.8000 ATIS
Addison Airport 135.0500
Addison City Government 1 155.1000
Addison Fire 1 154.0100 Dispatch
Addison Police 1 155.2500 Dispatch
All Aviation 121.5000 Aircraft
All Aviation 123.1000 Search & Rescue
All C A P 148.1500 Civil Air Patrol
All Fire 153.8300 Fireground intercity
All Fire 154.2800 Fire intercity
All Hospitals 155.2800 All Hospitals
All Hospitals 155.3250 All Hospitals
All Hospitals 155.3400 All Hospitals
All Medical 1 463.0000 Med 1 - Nationwide
All Medical 2 463.0250 Med 2 - Nationwide
All Medical 3 463.0500 Med 3 - Nationwide
All Medical 4 463.0750 Med 4 - Nationwide
All Medical 5 463.1000 Med 5 - Nationwide
All Medical 6 463.1250 Med 6 - Nationwide
All Medical 7 463.1500 Med 7 - Nationwide
All Medical 8 463.1750 Med 8 - Nationwide
All Medical 9 462.9500 Dispatch Ch 1/Med 9
All Medical 10 462.9750 Dispatch Ch 2/Med 10
All Police 3 154.9500 Intercity - mobile
All Police 4 155.3700 Intercity - base to
Allen City Government 158.7450

Allen Fire 1 154.3250 Dispatch
Allen Police 2 155.5650 Dispatch
Alma Fire 46.4000 Volunteer Fire Dept
Arlington A I S D 155.3550
Arlington Fire/Police 856.4875 Trunked System
Arlington Fire/Police 856.7125 Trunked System
Arlington Fire/Police 857.4875 Trunked System
Arlington Fire/Police 857.7125 Trunked System
Arlington Fire/Police 858.4875 Trunked System
Arlington Fire/Police 858.7125 Trunked System
Arlington Fire/Police 859.4875 Trunked System
Arlington Fire/Police 859.7125 Trunked System
Arlington Fire/Police 860.4875 Trunked System
Arlington Fire/Police 860.7125 Trunked System
Arlington HAM/2 Meter 146.8600 WB5PKB
Arlington HAM/2 Meter 147.1400 K5SLD
Arlington HAM/440 Mhz 443.6250 N5ECG
Arlington HAM/440 Mhz 444.2000 K5SLD
Arlington Priv Business 452.5000 Six Flags Over Texas
Arlington Priv Business 452.5500 Six Flags Over Texas
Arlington Priv Business 461.5500 Six Flags Over Texas
==========
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Dallas/Fort Worth Area Frequencies (tm)
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Listed by CITY
03/05/89 Page 2

City Department Ch Frequency Usage
========== ========== == ========== ==========
Arlington Priv Business 461.5750 Six Flags Over Texas
Arlington Priv Business 464.4250 Six Flags Over Texas
Arlington Priv Business 464.8750 Arlington Stadium
Arlington Univ of Texas 155.7000
Athens HAM/2 Meter 147.0400
Athens HAM/2 Meter 147.2200 KT5C/AARC
Azle City Government 154.0550
Azle Fire 154.1900
Azle Police 453.6250 Dispatch
Balch Springs City Government 1 154.9950
Balch Springs Fire 154.4000 Dispatch
Balch Springs Police 1 155.8950 Dispatch
Bedford City Government 450.7500
Bedford City Government 453.7500
Bedford Fire 153.8600
Bedford HAM/440 Mhz 444.9750 WB9FUE
Bedford Police 1 154.8450 Dispatch
Benbrook City Government 154.0400

Benbrook City Government 451.5250 Water/Sewer
Benbrook City Government 453.2500
Benbrook Fire 154.1900
Benbrook Police 453.4500
Blue Mound Fire 46.0600 Tone Dispatch
Blue Mound Fire 46.2400 Response
Blue Mound Fire 154.1900
Blue Mound Police 154.0550
Bosque County Sheriff 155.2500
Boyd Fire 453.9500 Boyd Volunteer FD
Boyd HAM/2 Meter 146.9800 W5OYS
Boyd HAM/2 Meter 147.0200 WA5OYK
Bridgeport Police 0 155.7150
Burleson B I S D 464.4250 Burleson ISD
Burleson Fire 45.6400
Burleson Police 453.1000
Burleson Police 453.2750
Carrollton C I S D 482.5875 Carrollton ISD
Carrollton Fire/Police 856.2625 Trunked System
Carrollton Fire/Police 856.7625 Trunked System
Carrollton Fire/Police 857.2625 Trunked System
Carrollton Fire/Police 857.7625 Trunked System
Carrollton Fire/Police 858.2625 Trunked System
Carrollton Fire/Police 858.7625 Trunked System
Carrollton Fire/Police 859.2625 Trunked System
Carrollton Fire/Police 859.7625 Trunked System
Carrollton Fire/Police 860.2625 Trunked System
Carrollton Fire/Police 860.7625 Trunked System
Carrollton Fire/Police 860.7625 Trunked System
Carrollton HAM/2 Meter 145.2100 N5GRL
Carrollton HAM/440 Mhz 442.2250 WB5IKJ
Carrollton HAM/440 Mhz 442.6500
Carrollton HAM/440 Mhz 442.8750 WA5BRQ
==========
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Dallas/Fort Worth Area Frequencies (tm)
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03/05/89 Page 3

City Department Ch Frequency Usage
========== ========== == ========== ==========
Carrollton Police 1 155.3100 Dispatch
Carrollton Police 2 155.7900 NCIC Check/Car to car
Cedar Hill Fire 46.5400 Fire
Cedar Hill HAM/2 Meter 147.0600 KA5IPF
Cedar Hill HAM/2 Meter 147.2000 WD5DGP
Cedar Hill HAM/2 Meter 147.2600 N5DD

Cedar Hill HAM/2 Meter 147.3200 WB5SKI
Cedar Hill Police 1 154.7250 Car to Car
Cleburne Fire 154.1450
Cleburne HAM/2 Meter 145.4900 WA5KAC
Cleburne Police 155.0100
Cockrell Hill Fire 1 154.0250 Dispatch/also used by
Cockrell Hill Police 1 155.2500 Dispatch
Colleyville Fire 46.0600 Tone Dispatch
Colleyville Fire 453.9250 Fire/Public Works
Colleyville Police 154.7700
Collin County City Government 453.4500
Collin County City Government 453.9250
Collin County Sheriff 1 155.6100 Dispatch
Collin County Sheriff 5 158.7450 McKinney PD Dispatch
Collin County Sheriff 6 154.0250 Car to car
Colony (The) City Government 155.8950
Colony (The) City Government 451.1750 Utilities
Colony (The) Fire 154.2050 Dispatch
Colony (The) Police 155.5500
Colony (The) Police 155.5950
Commerce Police 1 155.5950 Dispatch
Commerce Police 1 156.2100 East Tx State Univ
Coppell Fire 1 857.9375 Fire
Coppell Police 1 856.9375 Dispatch
Corsicana Police 155.5650
Crandall Police 156.1650
Crowley Police 482.9875
D/FW Media 122.7500 Helo Traffic Reports
D/FW Media 151.8700 KHBR Hillsboro
D/FW Media 153.2900 KCLE/KHBR/KZEE
D/FW Media 153.3500 KDNT
D/FW Media 161.6400 KAAM/KEGL
D/FW Media 161.6700 KFJZ/Belo
D/FW Media 161.7000 WFAA Ch 8/Eng-Paging
D/FW Media 161.7300 KMMK/KXDL/Belo
D/FW Media 161.7600 KXTX/KTVT
D/FW Media 166.2500 KDFW Ch 4/News-Sports
D/FW Media 170.1500 KXAS - Ch 5/minicam
D/FW Media 173.3750 Dallas Times Herald
D/FW Media 174.0000 Belo Broadcasting
D/FW Media 174.6000 Wireless mic
D/FW Media 174.7000 Wireless mic
D/FW Media 174.8000 Wireless mic
D/FW Media 450.0000 Belo Broadcasting
D/FW Media 450.0100 KLIF
==========
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Dallas/Fort Worth Area Frequencies (tm)
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03/05/89 Page 4

City	Department	Ch	Frequency	Usage
D/FW	Media		450.0200	ABC Radio Dallas
D/FW	Media		450.0450	KXVI
D/FW	Media		450.0500	N Tx
D/FW	Media		450.0875	WFAA Ch 8/News-Sports
D/FW	Media		450.1000	KTVT - Ch 11 wireless
D/FW	Media		450.1125	KXAS - Ch 5
D/FW	Media		450.1125	American Broadcasting
D/FW	Media		450.1500	KRLD
D/FW	Media		450.1875	KXAS - Ch 5
D/FW	Media		450.2125	KXAS ch 5 audio
D/FW	Media		450.2175	KXAS (IFB)
D/FW	Media		450.2500	KVIL - FM
D/FW	Media		450.2875	KEGL Traffic Helo
D/FW	Media		450.3125	KDFW Ch 4/Eng
D/FW	Media		450.3500	KBOX/KMEZ
D/FW	Media		450.3875	KPLX/KLIF-Traffic
D/FW	Media		450.4125	KVIL FM/Helo-van
D/FW	Media		450.4500	KAAM/KTNS
D/FW	Media		450.4875	Metro Traffic Control
D/FW	Media		450.5000	KAAM/KXAS
D/FW	Media		450.5125	KTVT - Ch 11/News
D/FW	Media		450.5500	KERA - Ch 13
D/FW	Media		450.5875	Traffic Patrol
D/FW	Media		450.6125	WBAP Traffic Helo
D/FW	Media		450.6500	Metropolitan
D/FW	Media		450.7000	KPLX/KRQX
D/FW	Media		450.7000	KZEW - traffic/eng
D/FW	Media		450.7125	KVIL FM
D/FW	Media		450.7500	KLIF
D/FW	Media		450.8000	KRLD-Traffic reports
D/FW	Media		450.8500	KVIL AM/WBAP
D/FW	Media		450.9250	KLIF/KTXQ
D/FW	Media		450.9500	Belo Broadcasting
D/FW	Media		450.9800	CBS/KTXQ
D/FW	Media		450.9900	Radio Metroplex, Inc
D/FW	Media		452.9750	Dallas Morning News
D/FW	Media		461.8750	KXVI
D/FW	Media		462.0500	Metro Traffic Control
D/FW	Media		464.5500	Traffic Patrol
D/FW	Media		464.8250	A H Belo
D/FW	Priv Business		161.2800	MPRR Truck Lines
D/FW	RR/All roads		457.9375	End of train
D/FW	RR/Amtrak		452.9000	Amtrak
D/FW	RR/ATSF-BN-UP		161.2050	RR Police/Special

D/FW RR/BN 1 161.1000 Road ch 1
D/FW RR/BN 2 161.1600 Road ch 2
D/FW RR/BN 160.5000
D/FW RR/BN 160.5300 Irving Piggyback
D/FW RR/BN 160.6200 Supervisors
D/FW RR/BN 160.9200 RR Police/Special
D/FW RR/BN 161.1300 Mob Tel/Fort Worth
==========
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City Department Ch Frequency Usage
========== ========== == ========== ==========
D/FW RR/BN 161.4300 Maintenance of Way
D/FW RR/BN 461.2250
D/FW RR/BN 464.7750
D/FW RR/GSW 160.8600 Great Southwest RR
D/FW RR/KCS 160.2600 Road ch/Dispatch to
D/FW RR/KCS 160.3050 Trucking
D/FW RR/KCS 160.3050 Trucking
D/FW RR/KCS 160.3500 Train to Dispatch
D/FW RR/KCS 160.8900 Supervisors
D/FW RR/KCS 161.2500 Dispatcher to
D/FW RR/MKT-OKKT 1 160.3200 Dallas Yard
D/FW RR/MKT-OKKT 2 160.5900 Road ch
D/FW RR/NCT 161.3400
D/FW RR/Sante Fe 160.0100 Maintenance of Way
D/FW RR/Sante Fe 160.2450 P2 - Mobile PBX
D/FW RR/Sante Fe 160.2750 Cleburne Stores Dept
D/FW RR/Sante Fe 160.4250 P5 Mob Tel (Ceder
D/FW RR/Sante Fe 160.4400 Saginaw Yard Blue
D/FW RR/Sante Fe 160.5600 Saginaw Yard Yellow
D/FW RR/Sante Fe 160.6500 Road ch
D/FW RR/Sante Fe 160.8750 Cleburne Car
D/FW RR/Sante Fe 161.0700 Saginaw yard Red
D/FW RR/Sante Fe 161.1900 Zacha Junction
D/FW RR/Sante Fe 161.3700 Dallas & Saginaw
D/FW RR/SP 160.2300 Dallas & Ennis yards
D/FW RR/SP 160.2900 Dallas Piggyback
D/FW RR/SP 160.6800 F2/Mob Tel/Nev &
D/FW RR/SP 160.8000 F3/Mob Tel/Midlothian
D/FW RR/SP 160.8600 RR Police/Special
D/FW RR/SP-SSW 161.5500 Road ch
D/FW RR/UP 1 160.4100 Road ch
D/FW RR/UP 2 160.4700 Yard

D/FW RR/UP 160.6050 Mob Tel/Maint
D/FW RR/UP 160.6650 Wrecker train ops
D/FW RR/UP 160.7700 Centennial yard car
D/FW RR/UP 160.8150 Mob Tel/Managers-Ops
D/FW RR/UP 160.8300 Centennial yard hump
D/FW RR/UP 161.3100 Centennial yard
Dallas Biotel 1 463.0000 Med 1
Dallas Biotel 2 463.0250 Med 2
Dallas Biotel 3 463.0500 Med 3
Dallas Biotel 4 463.0750 Med 4
Dallas Biotel 6 463.1250 Med 6
Dallas CareFlight 131.4500 Dallas Helo
Dallas D C R C 1 462.6750 Dallas Co Repeater
Dallas D I S D 1 464.1000 Security Patrol
Dallas D I S D 154.5700
Dallas D I S D 484.2375
Dallas D I S D 484.5625
Dallas D P & L 47.8000
Dallas D P & L 48.0200
==========
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Dallas/Fort Worth Area Frequencies (tm)
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City Department Ch Frequency Usage
========== ========== == ========== ==========
Dallas D P & L 48.3600 Main Channel
Dallas D P & L 451.2250
Dallas D P S 1 157.3500 Dls North Tollway
Dallas GMRS 1 462.5500 General Mobile Radio
Dallas GMRS 2 462.5750 General Mobile Radio
Dallas GMRS 3 462.6000 General Mobile Radio
Dallas GMRS 4 462.6250 General Mobile Radio
Dallas GMRS 5 462.6500 General Mobile Radio
Dallas GMRS 6 462.6750 General Mobile Radio
Dallas GMRS 7 462.7000 General Mobile Radio
Dallas GMRS 8 462.7250 General Mobile Radio
Dallas HAM/2 Meter 145.1300 WB5JBP
Dallas HAM/2 Meter 145.1500 N5DA
Dallas HAM/2 Meter 145.1900 KA5CTN
Dallas HAM/2 Meter 145.2500 WB5JBP
Dallas HAM/2 Meter 145.4300 K5OJI
Dallas HAM/2 Meter 145.4700 K5TE
Dallas HAM/2 Meter 146.6400 K5MET
Dallas HAM/2 Meter 146.7000 W5BOH
Dallas HAM/2 Meter 146.8200 K5PC

Dallas HAM/2 Meter 146.8800 Skywarn/W5FC
Dallas HAM/2 Meter 146.9600 K5JD
Dallas HAM/2 Meter 147.3600 W5EXP
Dallas HAM/220 Mhz 222.4400 N5AUX
Dallas HAM/220 Mhz 224.8800 W5FC/DARC
Dallas HAM/440 Mhz 442.0500 WA5HTT
Dallas HAM/440 Mhz 442.1500 WA5FYI
Dallas HAM/440 Mhz 442.5000 WB5BJP
Dallas HAM/440 Mhz 442.8250 SW Dallas Co ARC
Dallas HAM/440 Mhz 443.0000 N5DA
Dallas HAM/440 Mhz 443.5000 N5FL
Dallas HAM/440 Mhz 443.8500 N5WS
Dallas HAM/440 Mhz 444.0000 Dallas Repeater Assoc
Dallas HAM/440 Mhz 444.4500 K5MW
Dallas HAM/440 Mhz 444.6500 N5AW
Dallas HAM/440 Mhz 444.8750 KA5CTN
Dallas Hospitals 1 463.3125 Meth Central-Security
Dallas Hospitals 1 463.4125 Presby - Engineering
Dallas Hospitals 1 463.6250 St Paul - Security
Dallas Hospitals 1 464.5500 Dr's. Hosp - Security
Dallas Hospitals 1 464.9750 Medical City-Security
Dallas Hospitals 152.0075 Medical City Dallas
Dallas Hospitals 154.5150 Baylor
Dallas Hospitals 453.0250 Baylor - Paging
Dallas Hospitals 453.0750 Baylor
Dallas Hospitals 460.5250 Charlton Methodist
Dallas Hospitals 461.0500 Baylor College of
Dallas Hospitals 461.0750 Tx Scottish Rite
Dallas Hospitals 461.5000 Dallas Medical &
Dallas Hospitals 462.7250 Medical City Dallas
Dallas Hospitals 463.7625 Presby
==========
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Dallas/Fort Worth Area Frequencies (tm)
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City Department Ch Frequency Usage
========== ========== == ========== ==========
Dallas Hospitals 464.2500 Methodist Central
Dallas Hospitals 464.4750 St Paul
Dallas Hospitals 464.5625 Presby - Security
Dallas Hospitals 464.8250 Childrens Medical
Dallas Hospitals 464.8750 Medical City
Dallas Hospitals 464.9250 Baylor Medical Center
Dallas Hospitals 854.7625 Baylor - Security
Dallas Lone Star Gas 48.4200 Dallas office

Dallas Lone Star Gas 48.5400 Dallas office
Dallas Media 0 450.5500 Traffic Patrol
Dallas Media 0 517.7375 KTXA-Ch 21\audio
Dallas Medical 1 463.3500 Event Medical
Dallas Medical 3 463.3875 Event Medical
Dallas Medical 4 463.4875 Event Medical
Dallas Medical 6 463.5375 Event Medical
Dallas N Tx SAR 1 155.3400 Med Emergency
Dallas N Tx SAR 2 155.2800 Primary
Dallas N Tx SAR 155.1600 N Texas Search &
Dallas Police 1 453.7250 Univ of Tx/Hlth-Scnce
Dallas Police 154.5150 University of Dallas
Dallas Priv Ambulance 1 461.5000 Central Ambulance
Dallas Priv Ambulance 1 462.9750 Allied Ambulance
Dallas Priv Ambulance 1 462.9750 CareFlight GAE
Dallas Priv Ambulance 1 462.9750 Greater Dallas Amb
Dallas Priv Ambulance 1 463.3750 DalMed Ambulance
Dallas Priv Ambulance 1 463.7250 American
Dallas Priv Ambulance 1 865.8650 A-1 Ambulance
Dallas Priv Ambulance 2 462.9750 Dallas (Dalmed)
Dallas Priv Ambulance 2 464.3500 American
Dallas Priv Ambulance 464.1750 Professional
Dallas Priv Ambulance 464.2500 CareFlight GAE
Dallas Priv Ambulance 464.4000 Dudley Hughes
Dallas Priv Ambulance 464.6250 Am Care Ambulance
Dallas Priv Business 1 457.9000 Grand Prix of Dallas
Dallas Priv Business 1 462.8500 Care Car
Dallas Priv Business 1 468.6375 Montage
Dallas Priv Business 2 457.5800 Grand Prix of Dallas
Dallas Priv Business 2 468.6125 Montage
Dallas Priv Business 3 457.9500 Grand Prix of Dallas
Dallas Priv Business 3 464.2250 Keller Communications
Dallas Priv Business 4 456.2800 Grand Prix of Dallas
Dallas Priv Business 5 451.3600 Grand Prix of Dallas
Dallas Priv Business 6 456.3800 Grand Prix of Dallas
Dallas Priv Business 150.9650 A A A Road Service
Dallas Priv Business 151.9850 SW Bell / Portables
Dallas Priv Business 152.2700 Yellow Cabs
Dallas Priv Business 152.3300 Yellow Cabs
Dallas Priv Business 152.3900 Yellow Cabs
Dallas Priv Business 152.4500 Yellow Cabs
Dallas Priv Business 153.0500 Procter & Gamble
Dallas Priv Business 153.1550 Communication
==========
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City	Department	Ch	Frequency	Usage
Dallas	Priv Business		153.1850	Commercial Metals
Dallas	Priv Business		153.2300	Texas Instruments
Dallas	Priv Business		153.3200	Procter & Gamble
Dallas	Priv Business		157.5300	Yellow Cabs
Dallas	Priv Business		157.5900	Yellow Cabs
Dallas	Priv Business		157.6500	Yellow Cabs
Dallas	Priv Business		157.7100	Yellow Cabs
Dallas	Priv Business		157.7400	Texas Instruments
Dallas	Priv Business		158.3850	Texas Instruments
Dallas	Priv Business		158.4300	Hormel Co
Dallas	Priv Business		451.3250	SW Bell
Dallas	Priv Business		451.4000	SW Bell / South
Dallas	Priv Business		451.4500	SW Bell / North
Dallas	Priv Business		451.5000	SW Bell
Dallas	Priv Business		451.5250	Texas Instruments
Dallas	Priv Business		452.4500	Yellow Cabs
Dallas	Priv Business		452.5000	Terminal Cab
Dallas	Priv Business		461.0500	Sheraton
Dallas	Priv Business		461.1000	Lincoln Hotel
Dallas	Priv Business		461.1250	First Baptist Church
Dallas	Priv Business		461.2250	Hall-Mark Electronics
Dallas	Priv Business		461.2750	La Quinta Inn
Dallas	Priv Business		461.4250	Quality Inn/Market
Dallas	Priv Business		461.5250	Lexington
Dallas	Priv Business		461.5250	La Quinta Inn
Dallas	Priv Business		461.6750	IBM - Research &
Dallas	Priv Business		461.8500	CECO - Radio shop
Dallas	Priv Business		462.1000	Rockwell
Dallas	Priv Business		462.2250	Procter & Gamble
Dallas	Priv Business		462.2250	Abbott Laboratories
Dallas	Priv Business		462.2500	Occident Chemical
Dallas	Priv Business		462.3000	Rockwell
Dallas	Priv Business		462.3000	Mary Kay Cosmetics
Dallas	Priv Business		462.3750	Quality Sausage
Dallas	Priv Business		462.4250	Zerox Corp
Dallas	Priv Business		462.4500	Texas Instruments
Dallas	Priv Business		462.5250	Rockwell
Dallas	Priv Business		462.5500	Heritage Cable
Dallas	Priv Business		462.6500	Dial-A-Messenger
Dallas	Priv Business		462.7250	E D S
Dallas	Priv Business		462.7500	IBM - Research &
Dallas	Priv Business		462.8000	Adolphus Hotel
Dallas	Priv Business		462.8250	Marriot Hotel
Dallas	Priv Business		462.8250	Wyndham Hotel
Dallas	Priv Business		462.8250	Fairmont

Dallas Priv Business 462.8500 Dallas North Apts
Dallas Priv Business 462.8500 TGI Friday's
Dallas Priv Business 462.8500 Target Stores
Dallas Priv Business 463.2000 La Quinta Inn
Dallas Priv Business 463.3000 Abbott Laboratories
Dallas Priv Business 463.4250 West End Market Place
==========
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City Department Ch Frequency Usage
========== ========== == ========== ==========
Dallas Priv Business 463.5250 Dial-A-Messenger
Dallas Priv Business 463.6500 CBS/Blackhawk Cable
Dallas Priv Business 463.6750 CECO - Radio Shop
Dallas Priv Business 463.6750 West End Cab
Dallas Priv Business 464.1000 Loews Anatole
Dallas Priv Business 464.1750 CECO - Radio shop
Dallas Priv Business 464.3500 CECO - Radio shop
Dallas Priv Business 464.3750 Apparel Mart
Dallas Priv Business 464.3750 Hilton LBJ
Dallas Priv Business 464.5750 Dr Pepper Co
Dallas Priv Business 464.5750 Texas Instruments
Dallas Priv Business 464.6250 CECO - Radio shop
Dallas Priv Business 464.7250 Ramada Inn
Dallas Priv Business 464.7500 Sheraton Inn/Park
Dallas Priv Business 464.7750 Sheraton Inn/Park
Dallas Priv Business 464.8750 Wyndham Hotel
Dallas Priv Business 464.8750 Courtyard by Marriot
Dallas Priv Business 464.9000 Episcopal School
Dallas Priv Business 464.9250 Fairmont
Dallas Priv Business 464.9250 2001 Bryan Company
Dallas Priv Business 464.9250 Spring Valley Mall
Dallas Priv Business 465.0000 Mansion Hotel
Dallas Priv Business 465.0000 1900 Pacific Ave
Dallas Priv Business 465.0000 Hilton LBJ
Dallas Priv Business 483.2375 Adolphus Hotel
Dallas Priv Business 484.1250 Bellar Communications
Dallas Priv Business 484.2125 Plaza of the Americas
Dallas Priv Business 484.2875 CECO - Radio shop
Dallas Priv Business 851.2375 Dial-A-Messenger
Dallas Priv Business 852.4125 Crescent Plaza
Dallas Priv Business 852.7375 Security Couriers
Dallas Priv Business 855.1875 Texas Instruments
Dallas Priv Business 855.3625 Texas Instruments

Dallas Priv Business 855.6375 Texas Instruments
Dallas Priv Business 855.8625 Texas Instruments
Dallas Priv Business 855.8875 Texas Instruments
Dallas Priv Business 860.6750 Dial-A-Messenger
Dallas Priv Business 861.9265 Southland Corp
Dallas Priv Business 862.9265 Southland Corp
Dallas Priv Business 863.9265 Southland Corp
Dallas Priv Business 864.9265 Southland Corp
Dallas Priv Business 865.9265 Southland Corp
Dallas Priv Business 928.2625 Texas Instruments
Dallas Priv Business 952.2625 Texas Instruments
Dallas Priv Security 1 462.1375 Meadows Foundation
Dallas Priv Security 1 462.2375 Woodbine Management
Dallas Priv Security 1 462.6000 Convention Center/D&L
Dallas Priv Security 1 462.8125 Brinks Armored Car
Dallas Priv Security 1 463.3500 D & L Security Inc
Dallas Priv Security 1 463.5750 Info-Mart Security
Dallas Priv Security 1 463.7125 North Park Mall
==========
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City Department Ch Frequency Usage
========== ========== == ========== ==========
Dallas Priv Security 1 464.3375 Valley View Mall
Dallas Priv Security 1 464.6750 Marriot
Dallas Priv Security 1 464.8750 World Trade Center
Dallas Priv Security 1 469.1125 Presley's Security
Dallas Priv Security 1 483.8875 Galleria Mall
Dallas Priv Security 1 855.0625 Crescent Plaza
Dallas Priv Security 2 463.4000 Presley's Security
Dallas Priv Security 2 463.7825 North Park Mall
Dallas Priv Security 2 464.3750 World Trade Center
Dallas Priv Security 3 461.9625 Meadows Foundation
Dallas Priv Security 3 463.3875 D&L/Renunion Arena
Dallas Priv Security 4 463.4625 Meadows Foundation
Dallas Priv Security 4 463.4875 D & L Security Inc
Dallas Priv Security 5 468.6125 Meadows Foundation
Dallas Priv Security 6 463.5375 D & L Security Inc
Dallas Priv Security 6 468.6375 Meadows Foundation
Dallas Priv Security 7 463.5875 D & L Security Inc
Dallas Priv Security 8 463.6375 D & L Security Inc
Dallas Priv Security 11 462.6000 D & L Security Inc
Dallas Priv Security 151.6250 Security Professional
Dallas Priv Security 153.0950 Texas Instruments

Dallas Priv Security 460.9000 Smith
Dallas Priv Security 460.9000 Smith Alarms
Dallas Priv Security 460.9500 Honeywell
Dallas Priv Security 460.9750 Armco Burglary
Dallas Priv Security 460.9750 National Guardian
Dallas Priv Security 461.0000 A D T Inc
Dallas Priv Security 461.0250 Presley's Security
Dallas Priv Security 461.0750 Murray Guard
Dallas Priv Security 461.1250 Shady Oaks Security
Dallas Priv Security 461.1250 J Bryan Security
Dallas Priv Security 461.1500 Professional
Dallas Priv Security 461.2000 High Security Patrol
Dallas Priv Security 461.2250 Bearden Protective
Dallas Priv Security 461.2750 Pedus Security
Dallas Priv Security 461.3000 Loews Anatole
Dallas Priv Security 461.3250 Executive Security
Dallas Priv Security 461.7250 Pinkerton's Inc
Dallas Priv Security 461.7750 Sentinel Security
Dallas Priv Security 461.8000 Smith Protective
Dallas Priv Security 461.8250 Nortex Security
Dallas Priv Security 461.8500 Smith Guard
Dallas Priv Security 461.9500 Westec Security
Dallas Priv Security 461.9750 Andrews Alarm System
Dallas Priv Security 462.1250 Interstate Security
Dallas Priv Security 462.6500 All Star Security
Dallas Priv Security 462.7000 Tone Guard Security
Dallas Priv Security 462.8500 ABM Security
Dallas Priv Security 462.8500 Wells Fargo
Dallas Priv Security 462.8500 Industrial Protective
Dallas Priv Security 462.8500 S W Allen Security
==========
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City Department Ch Frequency Usage
========== ========== == ========== ==========
Dallas Priv Security 462.8500 S W Allen Security
Dallas Priv Security 463.2000 Fowler Security Svc
Dallas Priv Security 463.3750 Security Professional
Dallas Priv Security 463.4750 Pedus Security
Dallas Priv Security 463.6000 Byrd Security Co Inc
Dallas Priv Security 463.6500 Pinkerton's Inc
Dallas Priv Security 463.7750 Pedus Security
Dallas Priv Security 463.8000 County Security Inc
Dallas Priv Security 463.9000 Sonitrol

Dallas Priv Security 464.0250 Stanley Smith
Dallas Priv Security 464.1500 Absolute Security
Dallas Priv Security 464.1750 CPP Security Service
Dallas Priv Security 464.3000 Exclusive Protection
Dallas Priv Security 464.3000 Pinkerton's Inc
Dallas Priv Security 464.4875 All Star Security
Dallas Priv Security 464.5250 Redbird Mall
Dallas Priv Security 464.5500 Dallas Theological
Dallas Priv Security 464.6000 Pinkerton's Inc
Dallas Priv Security 464.6000 Sentinel Security
Dallas Priv Security 464.6250 Point Security
Dallas Priv Security 464.6750 Hampton Inn
Dallas Priv Security 464.7500 Browning Security
Dallas Priv Security 464.7750 Southland Life Bldg
Dallas Priv Security 464.9250 2001 Bryan Tower
Dallas Priv Security 464.9250 Shady Oaks Security
Dallas Priv Security 464.9750 Prestonwood Mall
Dallas Priv Security 483.6625 Holiday Inn - Regal
Dallas Priv Security 484.4375 North American
Dallas Priv Security 484.6625 Plaza of the Americas
Dallas Priv Security 484.8875 Tri State Security
Dallas Priv Security 856.6375 Smith Protective
Dallas Priv Security 857.6375 Smith Protective
Dallas Priv Security 857.9125 Lake Security
Dallas Priv Security 858.6375 Smith Protective
Dallas Priv Security 859.6375 Smith Protective
Dallas Priv Security 860.6375 Smith Protective
Dallas Priv Security 861.2125 Smith Protective
Dallas Priv Security 862.2125 Smith Protective
Dallas Priv Security 863.2125 Smith Protective
Dallas Priv Security 864.2125 Smith Protective
Dallas Priv Security 865.2125 Smith Protective
Dallas Priv Security 928.0125 Baker Protective
Dallas Priv Security 928.1875 Smith Alarms
Dallas REACT 1 462.6750 Simplex Ch 2
Dallas REACT 3 462.6000 Simplex Ch 4
Dallas Red Cross 1 47.4200 Disaster Action Team
Dallas Red Cross 1 155.3400 First Aid Station
Dallas Red Cross 2 47.5000 Transportation
Dallas Red Cross 2 154.5700 First Aid Station
Dallas Red Cross 3 47.4600 DAT/Car to car
Dallas Salvation Army 1 461.8500 Disaster canteen
==========
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Dallas Salvation Army 2 464.5000 Disaster canteen
Dallas Search One 1 155.1600 Search & Rescue
Dallas T P & L 37.4600 Irving
Dallas T P & L 37.5000 Highlines/Trucks
Dallas T P & L 37.5400 Lancaster/Richardson
Dallas T P & L 37.6800 Garland/Mesquite
Dallas Univ of Texas 2 453.3500 Maint/Health-Science
Dallas Univ of Texas 462.8000
Dallas, City of Bldg Inspectors 453.6500
Dallas, City of Community Rptr 453.5500 Housing Auth
Dallas, City of Community Rptr 453.5500 MLK Center
Dallas, City of Community Rptr 453.5500 Animal Control\Health
Dallas, City of Convention Ctr 1 855.9625
Dallas, City of D A R T 1 856.2375 Dallas Area Rapid
Dallas, City of D A R T 2 857.2375 Dallas Area Rapid
Dallas, City of D A R T 3 858.2375 Dallas Area Rapid
Dallas, City of D A R T 4 859.2375 Dallas Area Rapid
Dallas, City of D A R T 5 860.2375 Dallas Area Rapid
Dallas, City of Equipment Svcs 1 158.9400 Communications Svcs
Dallas, City of Equipment Svcs 453.4250 Automotive Svcs
Dallas, City of Fire 1 154.4150 Paging/Shop
Dallas, City of Fire 2 154.1300 MICU's
Dallas, City of Fire 3 153.8900 Apparatus Response
Dallas, City of Fire 4 154.1600 Fireground
Dallas, City of Fire 5 153.8150 unk
Dallas, City of Fire 6 153.9350 unk
Dallas, City of Fire 7 460.5750 Tone Dispatch
Dallas, City of Fire 8 154.2800 Intercity Fire
Dallas, City of Love Field 114.3000 ATIS
Dallas, City of Love Field 118.5500 Hi-Alt Departures DFW
Dallas, City of Love Field 118.7000 DAL Tower (Main/13L)
Dallas, City of Love Field 121.7500 Ground Control/DFD
Dallas, City of Love Field 123.7000 DAL Tower (13R)
Dallas, City of Love Field 124.3000 Reg-North Sector Low
Dallas, City of Love Field 125.2000 Reg-South Sector Low
Dallas, City of Love Field 126.0500 Departure Coordinator
Dallas, City of Love Field 154.9650 Security/Operations
Dallas, City of O E P 155.0250 DAISY
Dallas, City of Paging 153.8450
Dallas, City of Park & Rec 1 159.4650
Dallas, City of Police 1 460.3250 Central/East
Dallas, City of Police 2 460.3750 Northeast
Dallas, City of Police 3 460.5000 Southeast
Dallas, City of Police 4 460.4250 Southwest/Oak Cliff
Dallas, City of Police 5 460.0750 Northwest
Dallas, City of Police 6 460.1750 North Central

Dallas, City of Police 7 460.2750 Traffic
Dallas, City of Police 8 460.1250 Tactical
Dallas, City of Police 9 460.0250 NCIC check special
Dallas, City of Police 10 460.2250 Car to car
Dallas, City of Police 11 460.4750 Investigators
==========
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City Department Ch Frequency Usage
========== ========== == ========== ==========
Dallas, City of Police 12 460.4000 Spec Events/Fair Park
Dallas, City of Police 854.8625 Mobile Data Terminals
Dallas, City of Police 855.1625 Mobile Data Terminals
Dallas, City of Police 855.3875 Mobile Data Terminals
Dallas, City of Police 855.4375 Mobile Data Terminals
Dallas, City of Police 855.6125 Mobile Data Terminals
Dallas, City of Police 855.6625 Mobile Data Terminals
Dallas, City of Police 855.6875 Mobile Data Terminals
Dallas, City of Police 855.7125 Mobile Data Terminals
Dallas, City of Police 855.9375 Mobile Data Terminals
Dallas, City of Public Works 453.8750
Dallas, City of Red Bird 120.3000 Tower
Dallas, City of Red Bird 121.7000 Ground/Clear/Deliv
Dallas, City of Red Bird 126.3500 ATIS
Dallas, City of Security Force 1 482.8125 Projects Security
Dallas, City of Security Force 3 482.6375 Building Security
Dallas, City of State Fair 1 464.4750 Operations/Maintenanc
Dallas, City of State Fair 2 464.4250 Grounds Maintenance
Dallas, City of State Fair 151.6850
Dallas, City of State Fair 461.3625
Dallas, City of State Fair 463.7625
Dallas, City of State Fair 464.5750
Dallas, City of State Fair 464.9125
Dallas, City of Streets/Sanitat 1 453.7000 Sanitation Div
Dallas, City of Streets/Sanitat 2 453.8500 Field Ops
Dallas, City of Traffic 1 157.2900
Dallas, City of Traffic 2 156.0450
Dallas, City of Traffic 3 156.1200
Dallas, City of Water Utilities 1 451.0750
Dallas, City of Water Utilities 2 451.1250
Dallas, City of Water Utilities 3 451.1500
Dallas, City of Water Utilities 4 451.2000
Dallas, County of District Atty 154.6500 District Attorney
Dallas, County of EMS - Century 154.2350 County EMS

Dallas, County of Fire 1 154.2350 Fire & Rescue
Dallas, County of Parkland 1 453.6250 Dept of Public Safety
Dallas, County of Parkland 453.5750
Dallas, County of Parkland 462.9000
Dallas, County of Sheriff 1 155.7150 Constables
Dallas, County of Sheriff 2 155.9850 Civil/Warrants
Dallas, County of Sheriff 5 155.6700 Dispatch
Dallas, County of Sheriff 7 155.2500
Dallas, County of Sheriff 8 155.9700
Decatur HAM/2 Meter 145.3900 WD5EEI
Denton D I S D 464.9500 Denton ISD
Denton HAM/2 Meter 146.9200 Skywarn/W5NGU
Denton HAM/2 Meter 147.3000 K5LQP
Denton Police 154.7550 N Texas State
Denton Police 155.5800 Texas Women's
Denton Priv Ambulance 155.3400 Westgate Ambulance
Denton, City of EMS 155.2350 Ambulance dispatch
==========
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========== ========== == ========== ==========
Denton, City of Fire 46.4600 Dispatch
Denton, City of Parks Dept 159.3300 Parks department
Denton, City of Police 155.0400
Denton, City of Police 155.6850
Denton, County of City Government 453.0500
Denton, County of City Government 453.3250
Denton, County of Sheriff 155.8350
DeSoto Fire 46.5800 Fire
DeSoto Police 1 155.5950 Dispatch
DeSoto Police 2 154.9950 NCIC Check/Car to car
DFW Airport American Air 129.0000
DFW Airport American Air 129.2000
DFW Airport American Air 154.5700 Ht's
DFW Airport American Air 460.7750
DFW Airport Braniff 130.5500
DFW Airport Braniff 453.8000 Ops/Maint
DFW Airport Braniff 460.7000 Ground/Ramp
DFW Airport Braniff 460.8750 Maintenance
DFW Airport Braniff 461.0250 Baggage
DFW Airport Braniff 464.8250 Passenger Service
DFW Airport British Caledon 460.6750
DFW Airport City Government 453.0500

DFW Airport City Government 453.2250 Maintenance/Operation
DFW Airport City Government 453.5250 Transportation
DFW Airport City Government 453.8000 Maintenance/Operation
DFW Airport Continential 130.9000
DFW Airport Delta 129.5500
DFW Airport Delta 131.4500
DFW Airport Delta 460.8250 Ground
DFW Airport Eastern 130.9500
DFW Airport Fed Express 131.9250
DFW Airport Frontier 463.5500
DFW Airport Piedmont 460.7500
DFW Airport Public Safety 1 460.3500 Police-Dispatch
DFW Airport Public Safety 2 460.4500 Police-Car to car
DFW Airport Public Safety 3 453.0500 Fire/EMS/Crash/Rescue
DFW Airport Republic 131.7500
DFW Airport Republic 464.1500
DFW Airport RIO Airways 464.4250
DFW Airport Southwestern 460.6750
DFW Airport Southwestern 464.3750
DFW Airport Tower 119.0500 Approach
DFW Airport Tower 119.4000 Approach
DFW Airport Tower 120.5000 Approach-Ft Worth
DFW Airport Tower 121.0000 Clearance/Delivery
DFW Airport Tower 121.6500 Ground Control
DFW Airport Tower 121.8000 Ground Control
DFW Airport Tower 123.8000 Approach
DFW Airport Tower 123.9000 Approach
DFW Airport Tower 124.1500 Tower - West
DFW Airport Tower 124.5000 Approach-Dallas
==========
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Dallas/Fort Worth Area Frequencies (tm)
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City Department Ch Frequency Usage
========== ========== == ========== ==========
DFW Airport Tower 125.2000 Approach/Departure
DFW Airport Tower 125.8000 Approach/Departure
DFW Airport Tower 126.5500 Tower - East
DFW Airport Tower 128.2500 Clearance/Delivery
DFW Airport Tower 132.1000 Approach
DFW Airport Tower 133.1500 Approach
DFW Airport Tower 133.6500 Ground Control
DFW Airport Tower 134.9000 ATIS/Arrival
DFW Airport Tower 135.5000 ATIS/Departure
DFW Airport United 129.3000

DFW Airport United 129.5000
DFW Airport United 464.9750
Duncanville Fire 154.1750
Duncanville Fire 154.3550 Fire/EMS
Duncanville Police 1 158.7900 Dispatch
Duncanville Police 2 158.8050
Duncanville School Dist 155.2650
Edgecliff Fire 154.2200
Edgecliff Fire 482.9875
Ellis County Sheriff 1 155.8350 Dispatch
Elmo HAM/2 Meter 147.2800 K5IPV
Ennis Fire 1 154.2050 Dispatch
Ennis Hospitals 1 453.1250 Baylor Medical
Ennis Mobile Med 1 154.2050 E M S
Ennis Police 1 155.0400 Dispatch
Ennis Public Works 1 45.0800 Public Works
Ennis Texas Motorplex 151.6250 Emergencies?
Ennis Texas Motorplex 154.5200
Ennis Texas Motorplex 154.6000
Euless City Government 453.5750
Euless Fire 854.9875 Fire/EMS
Euless Police 855.2375 Dispatch
Euless Priv Ambulance 1 461.3750 Big D EMS - Primary
Eustace HAM/2 Meter 147.0200 KB5CCA
Everman Fire 482.4625
Everman Police 1 453.4000
Farmers Branch Fire 453.9500 Fire
Farmers Branch Police 1 453.5000 Dispatch
Farmers Branch Police 2 453.3500
Farmers Branch Priv Business 462.8500 North Town Mall
Ferris Fire 1 46.4600 Dispatch
Ferris Police 1 155.8800 Dispatch
Ferris Police 2 155.2500 Car to car
Flower Mound City Government 155.3850
Flower Mound City Government 156.0000
Flower Mound Fire/Police 854.4375 Fire/Police
Flower Mound Hospitals 453.1250 Flow Memorial
Forest Hill City Government 155.0400
Forest Hill Fire 1 46.0600
Forest Hill Fire 2 46.2600
Forest Hill Police 1 154.7100
==========
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City	Department	Ch	Frequency	Usage
Forest Hill	Police	2	154.8600	
Forney City	Government		155.7750	
Forney Fire		1	154.1900	Dispatch
Forney Police			155.5500	Dispatch
Fort Worth	CareFlight		131.6750	Fort Worth Helo
Fort Worth City	Government		451.0500	Water
Fort Worth F W I S D			155.2200	School Buses
Fort Worth F W I S D			453.2500	Maint/Security
Fort Worth Fire		1	856.4375	Dispatch
Fort Worth Fire		2	857.4375	Working Fire
Fort Worth Fire		3	858.4375	Working Fire
Fort Worth Fire		4	859.4375	Working Call
Fort Worth Fire		5	860.4375	
Fort Worth Fire			148.0950	General Dynamics
Fort Worth HAM/2	Meter		145.2300	WB5LSJ
Fort Worth HAM/2	Meter		145.3300	W5FA
Fort Worth HAM/2	Meter		145.3700	KC5IC
Fort Worth HAM/2	Meter		146.7600	WA5YVC
Fort Worth HAM/2	Meter		146.8400	W5SH
Fort Worth HAM/2	Meter		146.9400	Skywarn/WA5YVC
Fort Worth HAM/440	Mhz		442.2500	WB4OCK
Fort Worth HAM/440	Mhz		443.0500	WR5AHZ
Fort Worth HAM/440	Mhz		443.9000	WR5AES
Fort Worth HAM/440	Mhz		443.9500	N5MP
Fort Worth HAM/440	Mhz		444.1000	WA5YVC
Fort Worth HAM/440	Mhz		444.4000	WB5OCK
Fort Worth HAM/440	Mhz		444.6000	N5FL
Fort Worth HAM/440	Mhz		444.8500	WB5IDM
Fort Worth HAM/440	Mhz		444.9000	WB5NSA
Fort Worth Hospitals			461.9500	FW Childrens Medical
Fort Worth Meachem	Airport		118.3000	Tower
Fort Worth Meachem	Airport		120.5000	Approach/Departure
Fort Worth Meachem	Airport		120.7000	ATIS
Fort Worth Meachem	Airport		121.9000	Ground
Fort Worth Media			453.0000	FTW Star Telegram
Fort Worth MedStar		1	462.9500	Dispatch
Fort Worth MedStar		5	463.1000	Med 5
Fort Worth MedStar		7	463.1500	Med 7
Fort Worth MedStar		8	463.1750	Med 8
Fort Worth Parks			151.3700	Parks/Recreation dept
Fort Worth Police		1	460.0500	Police Information
Fort Worth Police		2	460.1000	East - Dist A B C
Fort Worth Police		3	460.1500	South - Dist D E F
Fort Worth Police		4	460.2000	West - Dist G H I
Fort Worth Police		5	460.2500	North - Dist J K L
Fort Worth Police		6	460.3000	Special Units
Fort Worth Police			155.5800	Tx Women's University
Fort Worth Police			482.6125	T C U
Fort Worth Priv Business			148.2450	General Dynamics

Fort Worth Priv Business 148.5150 General Dynamics
Fort Worth Priv Business 149.2350 General
==========
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City Department Ch Frequency Usage
========== ========== == ========== ==========
Fort Worth Priv Business 150.3150 General Dynamics
Fort Worth Priv Business 157.7400 Miller Brewing Co
Fort Worth Priv Business 158.4300 Miller Brewing Co
Fort Worth Priv Business 163.4625 General Dynamics
Fort Worth Priv Business 173.4375 General
Fort Worth Priv Business 413.3500 General Dynamics
Fort Worth Priv Business 451.5000 SW Bell
Fort Worth Priv Security 163.4625 General
Fort Worth Priv Security 461.2000 Tandy Center
Fort Worth Priv Security 461.7750 Sentinel Security
Fort Worth Signals 453.9000 Signals division
Fort Worth Streets 159.1650 Streets department
Fort Worth T C J C 155.0850 Tarrant Co Jr College
Fort Worth T C U 484.1625 Maintenance
Garland City Government 153.7850
Garland City Government 154.9800
Garland City Government 451.2500
Garland City Government 451.3750
Garland Fire 154.3100 Fire
Garland G I S D 464.4250 Garland ISD-Maint
Garland G I S D 482.9875 Garland ISD-Buses
Garland HAM/2 Meter 146.6600 K5QHD
Garland HAM/2 Meter 147.2400 K5QBM
Garland HAM/440 Mhz 442.7000
Garland Police 1 154.8150 Mobile Data Terminals
Garland Police 2 154.8750 Dispatch
Garland Police 5 155.0700 Information
Garland Police 6 155.6400 NCIC Check
Garland Priv Ambulance 1 155.2200 Williams Ambulance
Garland Priv Business 1 154.6000 Wet N Wild
Garland Priv Business 2 154.7500 Wet N Wild
Garland Priv Security 464.2750 Garland Security
Glenn Heights Fire 46.3800 Dispatch
Glenn Heights Fire 46.4600 Used for Ellis Co
Glenrose Fire 154.4450
Glenrose Fire 154.4450
Glenrose Police 155.7900

Granbury HAM/2 Meter 147.0800 K5GMY
Grand Prairie City Government 1 155.8200 Local government
Grand Prairie DFW Medical 1 462.9750 Grand Prairie EMS
Grand Prairie Fire 1 153.3200 LTV Areospace FD
Grand Prairie Fire 1 482.9125 Dispatch
Grand Prairie Fire 2 482.9625 Response
Grand Prairie GP I S D 1 453.7750 Maintenance dept
Grand Prairie GP I S D 463.3750 Grand Prairie ISD
Grand Prairie GP I S D 464.3750 Grand Prairie ISD
Grand Prairie Police 1 154.8900 Dispatch
Grand Prairie Police 2 154.8000 NCIC Check
Grand Prairie Priv Business 153.0800 LTV Aerospace
Grand Prairie Priv Business 153.1400 LTV Aerospace
Grand Prairie Priv Business 154.5700 Wildlife Park
==========
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City Department Ch Frequency Usage
========== ========== == ========== ==========
Grand Prairie Priv Business 158.2800 Vought Corp
Grand Prairie Priv Business 462.2250 LTV Aerospace
Grand Prairie Priv Business 462.2500 LTV Aerospace
Grand Prairie Priv Security 153.3200 LTV Areospace
Grand Prairie Priv Security 462.5000 LTV Aerospace
Grandbury Police 154.8150
Grapevine City Government 155.7600 Public Works
Grapevine Fire 45.2800
Grapevine Police 1 453.2000 Dispatch
Grapevine Police 2 453.3500
Grapevine Police 3 453.5750
Grayson County Sheriff 174.7850
Greenville City Government 155.8750
Greenville Fire 453.6000 Fire/EMS Dispatch
Greenville Police 155.4900 Dispatch
Gun Barrel Police 1 154.7100 Dispatch
Haltom City City Government 155.8800
Haltom City Fire 1 154.3700 Fire
Haltom City Fire 46.1200 Fire
Haltom City Police 155.5800 Dispatch
Highland Park Public Safety 1 859.9375 Fire/Police
Hill County Sheriff 155.1600
Hill County Sheriff 155.5500 Dispatch
Hillsboro Fire 154.3250
Hillsboro Police 154.8300

Hood County Sheriff 155.2800
Hood County Sheriff 155.4000
Hood County Sheriff 155.7900
Hunt County Sheriff 1 155.8350
Hurst Fire 46.3200
Hurst Fire 154.4300 Bell Helo
Hurst HAM/2 Meter 147.1000 W5KXC
Hurst Police 453.9750
Hurst Priv Business 123.2000 Bell Helo - Tower
Hurst Priv Business 123.3500 Bell Helo - Flight
Hurst Priv Business 123.4500 Bell Helo
Hurst Priv Business 123.4750 Bell Helo - Flight
Hurst Priv Business 125.5500 Bell Helo
Hurst Priv Business 158.2950 Maintenance
Hurst Priv Security 462.2250 Bell Helo
Hutchins Fire 37.1800 Dispatch
Hutchins Police 154.9950 Dispatch
Irving City Government 155.7750 City Security
Irving City Government 158.8200 Maintenance
Irving Fire 1 482.5125 Dispatch
Irving Fire 2 482.5375 Response
Irving Fire 3 482.9375 Inspect/Fire Marshall
Irving HAM/2 Meter 145.4500 K5HCJ
Irving HAM/2 Meter 146.7200 WA5CKF
Irving HAM/440 Mhz 444.2750 WD5BOR
Irving Motion Picture 173.2250 Victor Duncan, Inc
==========
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City Department Ch Frequency Usage
========== ========== == ========== ==========
Irving Motion Picture 173.3750 Victor Duncan, Inc
Irving Police 1 482.7625 Dispatch
Irving Police 2 482.7375 NCIC Check/Info
Irving Police 3 482.7125 Detectives
Irving Police 4 482.6875 Car to car
Irving Priv Business 462.9000 Las Colinas Hotel Co
Irving Priv Security 1 464.6750 Las Colinas Security
Irving Texas Stadium 1 468.6375 Concession staff
Irving Texas Stadium 2 468.4250 Concession staff
Irving Texas Stadium 12 154.6000 Parking lot
Irving Texas Stadium 151.6250 Concession whse/ice
Irving Texas Stadium 154.5100 Security
Irving Texas Stadium 154.5400 Ops?/Maint?

Irving Texas Stadium 155.3400 Medical Teams
Italy Police 154.9650 Dispatch
Jack County Sheriff 1 155.6550
Jacksboro HAM/2 Meter 146.6800 AE5B
Johnson County County Fire 46.1000 County Fire Dept
Johnson County Sheriff 153.9200
Johnson County Sheriff 158.7450
Kaufman, City of Police 156.1650
Kaufman, County of Sheriff 155.5200 Dispatch
Kaufman, County of Sheriff 155.5500
Keene Police 154.0550
Keene Police 155.7750
Keller Fire 45.4200
Keller K I S D 464.7750 Keller I S D
Keller Police 1 453.4750
Keller Western Emer 155.2650 Western Emergency
Keller Western Emer 158.4450 Western Emergency
Keller Western Emer 856.6125 Western Emergency
Keller Western Emer 857.6125 Western Emergency
Keller Western Emer 858.6125 Western Emergency
Keller Western Emer 859.6125 Western Emergency
Keller Western Emer 860.6125 Western Emergency
Kennedale Police 154.1000
Kennedale Police 154.8600
Kennedale Police 859.4625
Kennedale Priv Business 461.9250 Texas Raceway
Krum Fire 460.6000 Dispatch
Krum Police 155.8350 Denton Co SO
Lake Dallas Fire 486.0375 Lake Cities VFD
Lake Dallas Police 158.9550
Lake Weatherford HAM/2 Meter 147.2800 KC5UC
Lake Worth City Government 453.3750
Lake Worth Police 154.7850
Lancaster Fire 1 46.4000 Dispatch
Lancaster Fire 2 46.3400
Lancaster Police 153.9800
Lancaster Police 158.8050 Dispatch
Lewisville HAM/2 Meter 145.1700 KC5KN
==========
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City Department Ch Frequency Usage
========== ========== == ========== ==========
Lewisville HAM/2 Meter 147.3800 KO5W

Lewisville HAM/440 Mhz 444.0000
Lewisville Public Safety 855.2125 Fire/Police - trunked
Lewisville Public Safety 856.2125 Fire/Police - trunked
Lewisville Public Safety 858.2125 Fire/Police - trunked
Lewisville Public Safety 859.2125 Fire/Police - trunked
Lewisville Public Safety 860.2125 Fire/Police - trunked
Lindale Fire 37.9000 VFD
Lindale Police 155.7300 Dispatch
Malakof HAM/2 Meter 145.2300 W8LUP
Malakof Police 156.2100 Dispatch
Mansfield Fire 483.0375 Fire/EMS
Mansfield Police 154.8600
Mansfield Police 155.9550
McKinney Fire 1 37.1800 Fire
McKinney HAM/2 Meter 146.7400 K5MFM
McKinney Hospitals 453.1750 Wysong Medical Center
McKinney Lone Star Gas 48.5200 McKinney office
McKinney Lone Star Gas 48.6600 McKinney Office
McKinney Police 158.7450 Dispatch
McKinney Police/Fire 0 856.3625 Police/Fire - trunked
McKinney Police/Fire 0 857.3625 Police/Fire - trunked
McKinney Police/Fire 0 858.3625 Police/Fire - trunked
McKinney Police/Fire 0 859.3625 Police/Fire - trunked
McKinney Police/Fire 0 860.3625 Police/Fire - trunked
McKinney Red Cross 1 461.7250 Disaster Action Team
Mesquite City Government 1 155.0550 Utilities
Mesquite City Government 1 155.9400 Utility/Admin
Mesquite Fire 1 154.3700 Dispatch
Mesquite HAM/2 Meter 145.3100 WB5TYD
Mesquite HAM/2 Meter 145.3500 WA5FYI
Mesquite M I S D 154.5150
Mesquite Police 1 154.7400 Dispatch
Mesquite Police 1 155.5350 Eastfield College
Mesquite Police 2 155.4300 NCIC Check/car to car
Mesquite Police 856.3375 Trunk System/PLANNED
Mesquite Police 857.3375 Trunk System/PLANNED
Mesquite Police 858.3375 Trunk System/PLANNED
Mesquite Police 859.3375 Trunk System/PLANNED
Mesquite Police 860.3375 Trunk System/PLANNED
Mesquite Priv Ambulance 856.2375 Professional
Mesquite Priv Ambulance 857.2375 Professional
Mesquite Priv Ambulance 858.2375 Professional
Mesquite Priv Ambulance 859.2375 Professional
Mesquite Priv Ambulance 860.2375 Professional
Mesquite Priv Ambulance 860.2375 Professional
Mesquite Priv Business 452.0250 C D Brimer
Mesquite Priv Business 461.2000 Hester's Wreckers
Mesquite Priv Security 1 462.1500 Western Electric
Mesquite Priv Security 1 464.5500 Truckstop of America
Mesquite Priv Security 2 462.2750 Western Electric

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City Department Ch Frequency Usage
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Mesquite Priv Security 154.6000 Town East Mall
Midlothian Police 1 154.9800 Dispatch
Midlothian Police 151.2200
Midlothian Police 155.8350
Mineral Wells Police 0 154.7400
Mineral Wells Police 0 155.9850
Murphy Fire 1 154.3850 Dispatch
N Richland Hills City Government 453.8250
N Richland Hills Fire 46.2800
N Richland Hills HAM/2 Meter 146.6800 W5URH
N Richland Hills HAM/2 Meter 146.8000 W5URH
N Richland Hills Police 453.3000
Palo Pinto County Sheriff 155.1300
Pantego Police 155.8950
Parker Police 154.2350
Parker County Sheriff 154.7250
Pilot Point Fire 46.1800
Pilot Point Police 154.8600 Denton Co SO
Pilot Point Police 155.8350 Denton Co SO
Plano Fire 1 854.1125 Dispatch
Plano Fire 2 854.3125 Working Fire/Response
Plano Fire 3 854.5875 Secondary
Plano HAM/2 Meter 146.6200 K5ZYZ
Plano HAM/2 Meter 147.1800 K5AIT
Plano HAM/440 Mhz 442.9500 KI5R
Plano HAM/440 Mhz 444.2500 WR5AJG
Plano P I S D 461.2250 Plano ISD
Plano Police 1 453.2750 Car to car
Plano Police 3 453.1000 NCIC Check
Plano Police 5 453.3750 Dispatch
Plano Priv Security 1 154.6000 Outlet Mall
Plano Priv Security 1 464.6875 Collin Creek Mall
Plano Priv Security 2 154.5700 Outlet Mall
Plano Priv Security 2 464.6625 Collin Creek Mall
Plano Priv Security 151.8050 Glen Eagle Country
Red Oak Fire 1 46.4600 Dispatch
Red Oak Police 1 155.9400 Dispatch
Red Oak RO I S D 461.9250 Red Oak ISD
Richardson City Government 153.9650 Traffic Control
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Richardson City Government 155.1450 Animal Control
Richardson City Government 855.4625 Public Works
Richardson City Government 857.2125 Public Works
Richardson Fire 1 453.3250 Dispatch
Richardson HAM/2 Meter 147.1200 WB5FPN
Richardson HAM/440 Mhz 442.3500 W5PXB
Richardson HAM/440 Mhz 442.8000 W5EG
Richardson HAM/440 Mhz 443.3500 WA5WWH
Richardson HAM/440 Mhz 444.0500 WR5AGC
Richardson Police 1 453.7750 Dispatch
Richardson Police 3 453.6750 NCIC Check
Richardson Police 5 453.4750 Car to car
==========
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City Department Ch Frequency Usage
========== ========== == ========== ==========
Richland Hills Police 483.0125
Rio Vista Police 155.6400
River Oaks Fire/Police 153.8000 Fire/Police
Rockwall HAM/2 Meter 145.2700 K5OG
Rockwall Priv Business 463.7000 Church on the Rock
Rockwall, City of Fire 1 154.2050
Rockwall, City of Police 1 155.8650 Dispatch
Rockwall, City of Police 2 153.9200
Rockwall, County of Sheriff 1 155.8650 Dispatch
Rockwall, County of Sheriff 158.8650
Rowlett Fire/Police 154.0550 Fire/Police
Royse City N Tx Motor Spdw 1 464.5500 Wreckers
Royse City N Tx Motor Spdw 1 469.8875 Track/Fire/Officials
Royse City N Tx Motor Spdw 2 457.5750 Security
Royse City N Tx Motor Spdw 2 469.9125 Officials - secondary
Runaway Bay Police 0 155.6400
Sachse Fire 46.4200 Fire
Sachse Police 155.2500
Sachse Police 453.8250
Saginaw Fire 46.0600 Tone Dispatch
Saginaw Fire 46.2400 Response
Saginaw Police 453.6750
Sanger Fire 154.2350 Dispatch
Sanger Police 155.8350 Denton Co SO
Sansom Park Village Police 155.8650
Scurry HAM/2 Meter 147.3400 KC5DX
Seagoville Fire 158.8200 Fire

Seagoville Police 1 155.4900 Dispatch
Seagoville Police 9 154.8300 Tactical
Seagoville Police 154.9950 Car to Car
Seagoville Prison Bureau 170.8750 Seagoville Prison
Seagoville Prison Bureau 170.9250 Seagoville Prison
Southlake Fire 45.5400
Southlake Police 453.6000
Sunnyvale Fire 154.1000 Fire & City
Tarrant (Countywide) Fire 46.0600 Intercity Fire
Tarrant County Civil Defense 47.6600 Civil Defense Sirens
Tarrant County Highway Maint 156.2400 Highway maintenance
Tarrant County Sheriff 1 37.1200 Base tx 37.2400
Tarrant County Sheriff 2 37.2400 Base tx 37.0200
Tarrant County Sheriff 155.6250 Jail
Tarrant County TCEAT 47.5800 Tarr. Co Emer Action
Terrell Fire 154.3550 Dispatch
Terrell Police 1 154.7100 Dispatch
Texas, State of Alcohol Bev Com 156.0600 Dallas Area
Texas, State of D P S 1 154.6800 Mob to Base -
Texas, State of D P S 1 155.4600 Base to Mob -
Texas, State of D P S 154.6950 Simi-duplex
Texas, State of D P S 155.5050 Intel/Narc-Statewide
Texas, State of D P S 157.3500 Dallas North Tollway
Texas, State of D P S 159.0900 Mobile relay
==========
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City Department Ch Frequency Usage
========== ========== == ========== ==========
Texas, State of Dept of Correct 153.7850
Texas, State of Dept of Correct 153.8150
Texas, State of Dept of Correct 153.9050
Texas, State of Highway Dept 47.0600 Base tx
Texas, State of Highway Dept 47.1800 Mobile tx
Texas, State of Parks/Wildlife 151.4150 Dallas Area
Texas, State of Parks/Wildlife 159.2700 Dallas area/Game
Texas, State of Tx Nat'l Guard 163.4875 Police
Texas, State of Tx Nat'l Guard 163.5125 Engineers
Tx Air Nat'l Guard Hensley Field 40.8200 Crash
Tx Air Nat'l Guard Hensley Field 149.2650 Police
Tx Air Nat'l Guard Hensley Field 163.4875 Police
U. S. Gov't Customs 162.5850
U. S. Gov't Customs 162.8250
U. S. Gov't Customs 165.2375

U. S. Gov't Customs 166.4375
U. S. Gov't Customs 166.4600
U. S. Gov't Customs 166.4625
U. S. Gov't Customs 166.5875
U. S. Gov't Customs 168.6300
U. S. Gov't Customs 169.5500
U. S. Gov't Customs 171.2500
U. S. Gov't D E A 163.1850
U. S. Gov't D E A 163.5350
U. S. Gov't D E A 163.7750
U. S. Gov't D E A 165.2350
U. S. Gov't D E A 165.2900
U. S. Gov't D E A 171.6000
U. S. Gov't D E A 172.0000
U. S. Gov't D E A 172.0500
U. S. Gov't D E A 172.2000
U. S. Gov't D E A 416.3250
U. S. Gov't D E A 418.8250
U. S. Gov't D E A 440.2250
U. S. Gov't Dept of Labor 163.0000 McKinney Office
U. S. Gov't Dept of Labor 406.2000 Dallas Office
U. S. Gov't E P A 41.6300
U. S. Gov't E P A 166.0500
U. S. Gov't F A A 41.5900
U. S. Gov't F A A 41.6900
U. S. Gov't F A A 162.2500
U. S. Gov't F A A 162.2750
U. S. Gov't F A A 162.3000
U. S. Gov't F A A 162.3250
U. S. Gov't F A A 162.5000
U. S. Gov't F A A 165.4350
U. S. Gov't F A A 165.5350
U. S. Gov't F A A 165.6100
U. S. Gov't F A A 165.6125 Phone patch
U. S. Gov't F A A 165.6150
U. S. Gov't F A A 165.6350
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City Department Ch Frequency Usage
==========
U. S. Gov't F A A 165.6875 DFW
U. S. Gov't F A A 165.7350
U. S. Gov't F A A 166.0850

U. S. Gov't F A A 166.1000
U. S. Gov't F A A 166.1750
U. S. Gov't F A A 166.1750 DFW - patch
U. S. Gov't F A A 169.2250
U. S. Gov't F A A 169.2500
U. S. Gov't F A A 169.3000
U. S. Gov't F A A 169.3750
U. S. Gov't F A A 172.1250
U. S. Gov't F A A 172.1500
U. S. Gov't F A A 172.1750
U. S. Gov't F A A 172.8250
U. S. Gov't F A A 172.8750
U. S. Gov't F A A 172.9000
U. S. Gov't F A A 172.9250 Phone patch
U. S. Gov't F A A 172.9500
U. S. Gov't F A A 172.9750
U. S. Gov't F C C 167.0500 Dispatch/Invest/Inspe
U. S. Gov't F C C 172.0500
U. S. Gov't F C C 172.8000
U. S. Gov't F C C 408.8000
U. S. Gov't F E M A 169.8750
U. S. Gov't G S A 419.1750 G S A Police
U. S. Gov't I N S 1 140.6400
U. S. Gov't I N S 2 139.5800
U. S. Gov't I N S 2 163.6750
U. S. Gov't I N S 3 140.0750
U. S. Gov't I N S 3 163.6250
U. S. Gov't I N S 4 163.6750
U. S. Gov't I N S 5 163.7750
U. S. Gov't I N S 163.7250 Phone patch
U. S. Gov't I R S 2 165.9125 Secondary Operations
U. S. Gov't I R S 3 165.2875
U. S. Gov't I R S 3 165.9500
U. S. Gov't NOAA 1 162.5500 Weather - Ft Worth
U. S. Gov't NOAA 2 162.4000 Weather - Dallas
U. S. Gov't NOAA 3 162.4250 Weather
U. S. Gov't NOAA 3 162.4750 Weather -
U. S. Gov't NOAA 5 162.4500 Weather
U. S. Gov't NOAA 6 162.5000 Weather
U. S. Gov't NOAA 7 162.5250 Weather
U. S. Gov't NOAA 410.5750 Dallas/Ft Worth Link
U. S. Gov't Secret Service 165.7600 Ch G
U. S. Gov't Secret Service 166.3750
U. S. Gov't Secret Service 166.4000
U. S. Gov't Secret Service 166.4050 Ch P
U. S. Gov't Secret Service 166.5100 Ch A
U. S. Gov't Secret Service 166.5875
U. S. Gov't Secret Service 166.6150
==========
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Dallas/Fort Worth Area Frequencies (tm)
Public Version 10.0P
Listed by CITY

City Department	Ch	Frequency	Usage
U. S. Gov't Secret Service		166.7000	Ch Q
U. S. Gov't Secret Service		168.2200	
U. S. Gov't Secret Service		168.5750	
U. S. Gov't Secret Service		169.6250	Ch A
U. S. Gov't Secret Service		169.9250	Ch D
U. S. Gov't Secret Service		171.2350	Ch Z
U. S. Gov't State Dept		32.2500	
U. S. Gov't Treasury Dept	3	165.2875	A T F
U. S. Gov't Treasury Dept	4	166.4625	Treasury comman
U. S. Gov't Treasury Dept	5	165.9125	Maintenance
U. S. Gov't Treasury Dept		164.4000	A T F
U. S. Gov't Treasury Dept		164.6500	
U. S. Gov't Treasury Dept		165.2050	
U. S. Gov't Treasury Dept		165.2850	A T F
U. S. Gov't Treasury Dept		165.2875	
U. S. Gov't Treasury Dept		165.2900	A T F
U. S. Gov't Treasury Dept		165.3550	A T F
U. S. Gov't Treasury Dept		165.3750	A T F
U. S. Gov't Treasury Dept		165.4825	A T F
U. S. Gov't Treasury Dept		165.4900	
U. S. Gov't Treasury Dept		165.9325	A T F
U. S. Gov't Treasury Dept		165.9500	Surveillance
U. S. Gov't Treasury Dept		166.2000	A T F
U. S. Gov't Treasury Dept		166.4050	A T F
U. S. Gov't Treasury Dept		166.4100	A T F
U. S. Gov't Treasury Dept		166.4600	A T F
U. S. Gov't Treasury Dept		166.5350	A T F
U. S. Gov't Treasury Dept		166.5375	A T F
U. S. Gov't Treasury Dept		166.5850	
U. S. Gov't Treasury Dept		166.8750	A T F
U. S. Gov't Treasury Dept		167.0000	
U. S. Gov't Treasury Dept		403.6000	A T F
U. S. Gov't Treasury Dept		409.6000	A T F
U. S. Gov't Treasury Dept		413.0000	A T F
U. S. Gov't Treasury Dept		431.3000	A T F
U. S. Gov't Treasury Dept		434.7000	A T F
U. S. Gov't U.S. Army		163.4375	Corps of Engineers
U. S. Gov't U.S. Marshal	1	163.2000	
U. S. Gov't U.S. Marshal	2	163.8125	
U. S. Gov't U.S. Marshal	3	163.2125	
U. S. Gov't U.S. Marshal	4	163.1000	Marshal/Justice inter

U. S. Gov't U.S. Marshal 163.8152
U. S. Gov't U.S. Marshal 164.6000
U. S. Gov't U.S. Marshal 167.6250
U. S. Gov't U.S. Navy 243.0000 SAR - beacon
U. S. Gov't U.S. Navy 282.8000 SAR - beacon
U. S. Gov't U.S. Postal Svc 169.8500 Postal Inspectors
U. S. Gov't VA Hospital 167.9750 Police
U. S. Gov't VA Hospital 168.5250 Paging
U. S. Gov't White House 162.8500
U. S. Gov't White House 165.9250
==========
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Dallas/Fort Worth Area Frequencies (tm)
Public Version 10.0P
Listed by CITY
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City Department Ch Frequency Usage
==========
U. S. Gov't White House 167.0250
U. S. Gov't White House 167.8250
U. S. Gov't White House 171.2850
U.S. Air Force Carswell 119.8000 Tower
U.S. Air Force Carswell 148.0950
U.S. Air Force Carswell 148.5500 Air Crews
U.S. Air Force Carswell 149.5650 Base Command Ops
U.S. Air Force Carswell 162.6125 Base Police
U.S. Air Force Carswell 163.3000 Base Police-Tactical
U.S. Air Force Carswell 163.4600 Base Police
U.S. Air Force Carswell 163.5125 Base Police
U.S. Air Force Carswell 163.5875 Base Police
U.S. Air Force Carswell 163.7250
U.S. Air Force Carswell 163.8150
U.S. Air Force Carswell 165.1350 Air Show
U.S. Air Force Carswell 167.0500
U.S. Air Force Carswell 173.5125 Aircraft Maint
U.S. Air Force Carswell 173.5875 Fire
U.S. Air Force M A C 130.6500 Military Airlift
U.S. Navy Naval Air Sta 1 140.1000 Fire/EMS/Crash/Rescue
U.S. Navy Naval Air Sta 1 140.5800 Base Police
U.S. Navy Naval Air Sta 126.2000 Tower
U.S. Navy Naval Air Sta 128.5000 Ground Control
U.S. Navy Naval Air Sta 134.1000 Ground
U.S. Navy Naval Air Sta 271.4000 Ground Control
U.S. Navy Naval Air Sta 340.2000 Tower
U.S. Navy Naval Air Sta 382.8000 Ground
University Park City Government 2 155.7600 City Government
University Park Fire/Police 155.4150 Fire/Police

University Park HAM/220 Mhz 224.3200 Linked repeater/K52CO
University Park S M U 151.8050
University Park S M U 154.5400 Maintenance
University Park S M U 860.9375 Dept of Public Safety
Upshur County Sheriff 155.7900
Watauga Fire 1 482.9625 Dispatch/Response
Watauga Police 482.5625
Waxahachie City Goverment 154.0850 Public Works
Waxahachie Fire 1 154.3850 Dispatch
Waxahachie HAM/2 Meter 145.4100 WD5DDH
Waxahachie Police 1 154.0850 Dispatch
Waxahachie Police 154.8300
Waxahachie Police 155.7900
Waxahachie Police 158.9550
Weatherford Civil Defense 37.9000
Weatherford Fire 154.2350
Weatherford HAM/2 Meter 147.0400 W5URH
Weatherford Police 0 154.7250
Weatherford Police 0 155.1300
Weatherford Police 155.6100
Westover Hills Police 155.9250
Westworth Village Police 154.7550
==========
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Dallas/Fort Worth Area Frequencies (tm)
Public Version 10.0P
Listed by CITY
03/05/89 Page 27

City Department Ch Frequency Usage
========== ========== == ========== ==========
White Settlement Police 154.1150
Whitt HAM/2 Meter 147.3400 WB5DYT
Wilmer Fire 1 154.2950 Fire
Wilmer Police 1 156.2400 Dispatch
Winona Fire 37.9000 VFD
Winona Fire 37.9400 VFD
Winona Fire 37.9800 VFD
Wise County County Fire 0 37.1800 Wise County Fire Dept
Wise County County Fire 0 45.3200 Wise County Fire Dept
Wise County Sheriff 158.8050
Wylie Police 1 153.9800 Dispatch
==========
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Dallas County REACT

Dallas County REACT was charted in 1962 for the following purposes:

1) To develop the use of the Citizens Radio Service as an additional source of communications for emergencies, disasters and as an emergency aid to individuals;

2) To establish 24-hour volunteer monitoring of emergency calls, particularly over officially designated emergency channels, from Citizens Radio Service licensees, and reporting such calls to appropriate emergency authorities;

3) To promote highway safety by developing program for providing information and communications assistance to motorists;

4) To coordinate efforts with and provide communications help to other groups, e.g., American Red Cross, Civil Defense and local public authorities, in emergencies and disasters; and

5) To develop and administer public information projects demonstrating and publicizing the potential benefits and the proper use of Citizens Radio Service to individuals, industry and government.

Dallas County REACT is one of the leading and largest REACT teams in the nation and the largest REACT team in Texas. Dallas County REACT is celebrating its 25th year of public service during 1987 and would like to hear from you if you're interested in joining us.

Dallas County REACT communicates using;

1) Citizens Band Radio (CB)
2) General Mobile Radio Service Frequencies (GMRS)
3) Amateur Radio (Hams)
4) American Red Cross nationwide disaster radio system.

If you would like more information on Dallas County REACT, send in the coupon on the next page or call (214) 969-1033.

```
+=====================================================================+
| Please send me more information on Dallas County REACT! |
| |
| |
| Name _____________________________________________________ |
| |
| |
| Address _____________________________________ Apt ________ |
| |
| |
| City _________________________________ Texas, Zip _________ |
| |
| Best time |
| Home phone (_____) ______ - _________ to call _________ |
| |
| OK to call |
| Work phone (_____) ______ - _________ at work Y N |
```

```
| |
| Mail to: Dallas County REACT Best time |
| PO Box 223955 to call ________ |
| Dallas, TX 75222 |
| |
| Dallas/Fort Worth Area Frequencies list V10.0P |
+=========================================================================+

==================

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-------------------------------------------------------------------------
| copeland@metronet.com |
-------------------------------------------------------------------------
```

3535. Re: New scanner, AOR-8000?

Newsgroup: rec.radio.scanner
Date: 1994-05-08 01:23:36 UTC
From: schuster@panix.com
Message-ID: <2qheuo$br7@panix2.panix.com>
Source record: 274585

In article <1994May2.212748.19062@inca.comlab.ox.ac.uk>,
Richard J Warburton <warburtn@teaching.physics.ox.ac.uk> wrote:
> I was reading today in a magazine ("Short Wave", I think. A UK magazine).
>That AOR are just about ready to release a new hand-held scanner. It should
>have been out by now, but they claim to be having some problems with the
>micro-controllers. Apparently there is a world shortage of this particular
>MPU, which is used in cellular telephones. I don't quite believe that
>story about chip shortages.

It's the CPU which is manufactured by NEC, and it seems like Nissei (the
MANUFACTURER of the handheld scanners sold under the brand names AOR,
Fairmate, Camnis, Trident, etc. etc. etc.) is last on line.

> Anyway, has anyone else heard anymore about this new hand-held? I believe
>it was the AOR-8000, but I could be mis-remembering. It must be out to
>try and compete with the Yaesu MVT-7100; so hopefully has AM/SSB/NFM/WFM
>etc.

Yep, it's supposed to be the "Yupi killer" with alphanumeric display, and
other hinted-at features. So far no hard facts ... if Jonathan Clough is
listneing perhaps he'll chime in with anything additional.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3536. Scanner mod.

Newsgroup: rec.radio.scanner
Date: 1994-05-08 02:01:35 UTC
From: turbo_jappy@nyongwa.montreal.qc.ca
Message-ID: <CpGoAp.1yx@nyongwa.montreal.qc.ca>
Source record: 274594

HI folks !

I got those scanners:

- RS PRO-2004;
- RS PRO-35;
- RS PRO-2025 (patrol man).

If you knows any mods for those scanners or where I can get it
(like FTP sites), please E-Mail me.

Great thanks !

---
turbo_jappy@nyongwa.cam.org
Montreal, Quebec
Canada

3537. Houston Freq?

Newsgroup: rec.radio.scanner
Date: 1994-05-08 02:25:01 UTC
From: jbielick@aol.com
Message-ID: <2qhiht$n89@search01.news.aol.com>
Source record: 274588

Would anyone out there be willing to share frequencies
for the Houston and surrounding area?

3538. ** MODS FOR BEARCAT 300 WANTED

Newsgroup: rec.radio.scanner
Date: 1994-05-08 02:53:17 UTC
From: millard@pilot.njin.net
Message-ID: <9405080253.AA05939@pilot.njin.net>
Source record: 274589

Hi all. I'm looking to find some mods for this scanner.... I haven't seen any anywhere. Has anyone successfully modified this radio? (Or know anyone who may have?)

Thanx for reading this message!

--
73s de N2UOV
-=\Eric Millard/=-
millard@pilot.njin.net

3539. Are there any Pro-2032 mods?

Newsgroup: rec.radio.scanner
Date: 1994-05-08 02:57:43 UTC
From: dcurren@encore.com
Message-ID: <CpGqw8.7Js@encore.com>
Source record: 274592

Are there any modifications available for the Pro-2032?
Specifically, is cellular restorable? Is this unit so new
that cellular restoration is impossible? ;)
Thanks in advance for your reply.

< Donald L. Curren Jr. Encore Computer Corporation, Ft. Lauderdale, FL >
< dcurren@encore.com phone (305)797-2332 fax (305)797-2435 >

3540. Re: VCR Plus Secrets

Newsgroup: rec.radio.scanner
Date: 1994-05-08 03:20:32 UTC
From: jenkins@ucrvms.ucr.edu
Message-ID: <2qhlq0$394@galaxy.ucr.edu>
Source record: 274591

You have to run that message through a uu-decoder (unix, dos & windows versions available, even VMS)...dj

3541. Chicago Area Scanner BBS

Newsgroup: rec.radio.scanner
Date: 1994-05-08 03:29:47 UTC
From: offline@rci.ripco.com
Message-ID: <CpGsDo.8B2@rci.ripco.com>
Source record: 274593

```
The RF Spectrum is expanding !!!
There are more than 3500 radio related files online.
Speeds up to 14.4 kbs V.32
312-581-3850
```

3542. Austin Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-08 08:10:44 UTC
From: kspain@huey.cc.utexas.edu
Message-ID: <2qi6q4$sni@huey.cc.utexas.edu>
Source record: 274595

Anyone have a list of Austin, Texas frequencies that they would be willing to share? I'm mostly interested in APD, DPS, and University of Texas...

Thanks.

Kevin

3543. Re: Yupi MVT-7100 initial opinions

Newsgroup: rec.radio.scanner
Date: 1994-05-08 12:43:46 UTC
From: oddjob@cix.compulink.co.uk
Message-ID: <CpHI0z.9JL@cix.compulink.co.uk>
Source record: 274596

there is a blind? carrier at 912mhz

oddjob@cix.compulink.co.uk

3544. Frequency Lists For Overs

Newsgroup: rec.radio.scanner
Date: 1994-05-08 13:11:07 UTC
From: Rickey.Stein@illusion.metronj.org
Message-ID: <b68_9405081609@nisc.fidonet.org>
Source record: 274598

I am the International Editor for RCMA- a radio monitors club based in the US with some 2000 members- some of whom are outside the US and Canada. I have been monitoring around the world and collecting frequencies, etc, for more than 25 years. From this I have put together a book called `Monitor the World'. I correspond with about 200 monitors around the world and receive and exchange data daily. I would be happy to exchange/share information with you. Let me know specifically what you have and what you need.
.
Rickey Stein
International Editor, RCMA

3545. Re: Where are the Yupis?

Newsgroup: rec.radio.scanner
Date: 1994-05-08 13:15:23 UTC
From: Rickey.Stein@illusion.metronj.org
Message-ID: <b69_9405081609@nisc.fidonet.org>
Source record: 274599

Someone also told me that Rose City Distributors at 519-972-8025 has
the radios. Ask for Ed. Let us know what the going prices are.
.
Rickey Stein
International Editor, RCMA

3546. Re: Scanning Trunked Syst

Newsgroup: rec.radio.scanner
Date: 1994-05-08 13:31:07 UTC
From: Rickey.Stein@illusion.metronj.org
Message-ID: <b6a_9405081609@nisc.fidonet.org>
Source record: 274600

It may be advantageous to program the input frequencies of the trunk into your radio. This will allow you to track the handoff easier especially in larger systems or in systems with anti-scanner tones or buzzes. You do have to be close to the transmitting unit but it has worked well for a number of monitors. You can always use a combination of both input and output freqs to try to follow the movement.
.
Rickey Stein
International Editor, RCMA

3547. Mods for the Pro44 and 2022 scanners

Newsgroup: rec.radio.scanner
Date: 1994-05-08 14:48:35 UTC
From: oddjob@cix.compulink.co.uk
Message-ID: <CpHnsz.C86@cix.compulink.co.uk>
Source record: 274597

Mods for the Pro44 and 2022 scanners

Is there a FAQ sheet for mods for these scanners....they are on sale in the uk for 99.99 ukp.

It would be nice if the pro44 could cover 800-1.3ghz or parts there of...

and

Pro2022 could resolve SSB, increase sensitivity....cover more fill in the gaps....

regards

oddjob@cix.compulink.co.uk

3548. protecting ALL interests

Newsgroup: rec.radio.scanner
Date: 1994-05-08 17:31:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <768569498.AA02264@rochgte.fidonet.org>
Source record: 274551

> From: jkearman@arrl.org (Jim Kearman (KR1S))
> Organization: American Radio Relay League

> I don't think it's appropriate to attack ARRL because of the
> actions of the cellular telephone industry. I'm not aware of any
> scanner groups coming forward to defend Amateur Radio for any
> reason in the past. And, so far, no one has persuaded me that:

And as long as the League has that attitude, nobody will step forward in support. ARRL is perpetuating the idea that there are two kinds of radio hobbyist - hams and everybody else. Not a positive attitude, IMO.

> 1. ARRL, an organization that represents licensed radio
> amateurs in the United States, had any business sticking
> its nose into this affair, unless asked.

Licensed radio amateurs also use scanners. We have access to transceivers which tune outside our allocations, too. Or at least we did until April 26. How cheap do you think 902 MHz equipment will be now that the commercial companies like Icom are not mass-producing receivers with that coverage?

> 2. The ban in any way affects the operation of US hams, which
> is essentially what ARRL told FCC.

Incorrect assumption, as above.

> fact. To lie and say it somehow affects ham radio would have
> done nothing for anybody.

Again, I disagree. If it affects availability (and consequently cost) of radio equipment, it affects ham radio.

> Now I'm really going to walk out on the limb. While NRA
> members are constantly victimized by the actions of criminals
> who use firearms, scanner users are often their own worst
> enemies. This newsgroup is available to anyone with a terminal

I agree completely with all of your comments after this point!

BTW, NRA just lost a big one in the US House of Representatives, so their influence may be on the wane.

David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18

Internet david.stark@rochgte.fidonet.org
==========

3549. Replacing BC100XLT

Newsgroup: rec.radio.scanner
Date: 1994-05-08 19:56:11 UTC
From: berling@alleg.edu
Message-ID: <2qjg4r$20s@mustang.alleg.edu>
Source record: 274622

I have finally decided to replace my beloved BC100xlt. It is beaten up beyond usefullness. I am looking for advice on a handheld to buy with similar features (I don't need more than 100 ch.) and a similar price. Should I just buy another 100XLT? Any and all help will be appreciated.
Also. can anyone recommend an antenna for it that might be band specific? All listening is VHF/UHF, with large emphasis on UHF. Thanks again.

Gordon

--
Gordon Berlin berling@alleg.edu
Hershey Vol. Fire Co. Allegheny College
Hersheypark Safety and Security Meadville, PA
Hershey, PA
"Chocolatetown, U.S.A."
"Yes, ma'am, that really is the smell of chocolate in the air."

3550. Setting range of frequencies in Yupi.MVT-7100.

Newsgroup: rec.radio.scanner
Date: 1994-05-08 20:08:22 UTC
From: gesman@io.org
Message-ID: <2qjgrm$26b@ionews.io.org>
Source record: 274602

I trying to set a range of frequencies on my new Yupiteru MVT-7100 and
cannot succeed. I repeat exact steps, as it described in manual (page 64).
Even with their freq. example and bank No.
All beep and blinks are exactly as they described on the manual.
But when I trying to read channels - I see only the old values, setted before.
Nothing had changed.
Did I do something wrong?

--
Gleb Esman.

3551. Re: mvt 7000 programing problems

Newsgroup: rec.radio.scanner
Date: 1994-05-08 21:02:39 UTC
From: Jon Biddell <jbiddell@ozemail.com.au>
Message-ID: <1994May8.210239.27986@news.mhs.oz.au>
Source record: 274504

You can get a great re-write of the manual from Jonathon Clough
at Javiaton
in the UK... I have his email address at work - email me at
jon.biddell@unsw.ede.au to remind me and I'll send it to you.

Jon]

3552. Re: Scanner mod.

Newsgroup: rec.radio.scanner
Date: 1994-05-08 21:02:51 UTC
From: Jon Biddell <jbiddell@ozemail.com.au>
Message-ID: <1994May8.210251.28076@news.mhs.oz.au>
Source record: 274503

OK... Try oak.oakland.edu, in /pub/hamradio/mods/tandy.

Jon

3553. Re: Crib NMonitors

Newsgroup: rec.radio.scanner
Date: 1994-05-08 23:45:37 UTC
From: cntrspy@netcom.com
Message-ID: <cntrspyCpICo1.42n@netcom.com>
Source record: 274601

===Ah, America, the only country where the citizens bug themselves :-)

Roger Pettengill (rpetteng@pipeline.com) wrote:

: fkilpatr@afit.af.mil (Freeman A. Kilpatrick) wrote:

: >Does anyone know the typical frequencies used by crib
: >monitors? The documentation on our crib monitor
: >doesn't have any specifications, and I would like to
: >find out how far outside the house it transmits to.

: Crib monitors, aka baby monitors, transmit on 49.830, 49.845,
: 49.860, 49.875 and 49.890.

: Roger Pettengill - rpetteng@pipeline.com

--

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//
Chris Hall
Operations Director
Executive Protection Associates, Inc.

Executive Protection, Privacy Protection Strategies for Fortune 500
Executives and Other Interested parties. Off-shore investment and
Second Passport agents.

//

"I' not a lawyer, I just play one on T.V."

Opinions Expressed are those of the author and NOT those of EPAI.

PGP Key available... If you ask nicely...

3554. Re: Where are the Yupis? (Bans, etc.)

Newsgroup: rec.radio.scanner
Date: 1994-05-09 02:17:24 UTC
From: starr@katzen.rand.org
Message-ID: <2qk6fk$gip@katzen.rand.org>
Source record: 274604

In article <1994May6.143951.13359@arrl.org>,
Jim Kearman (KR1S) <jkearman@arrl.org> wrote:
>I don't think it's appropriate to attack ARRL because of the
>actions of the cellular telephone industry. I'm not aware of any
>scanner groups coming forward to defend Amateur Radio for any
>reason in the past. And, so far, no one has persuaded me that:
>
>1. ARRL, an organization that represents licensed radio
> amateurs in the United States, had any business sticking
> its nose into this affair, unless asked.
>
>2. The ban in any way affects the operation of US hams, which
> is essentially what ARRL told FCC.

No strong attack intended.
If ARRL had found common cause with scanner users on this, fine.
But, agreed, you-all had no obligation to oppose the ban.

Curious: is the text of ARRL's response to the FCC available anywhere?

3555. Icom R-72

Newsgroup: rec.radio.scanner
Date: 1994-05-09 02:17:55 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2qk6gj$d17@umcc.umcc.umich.edu>
Source record: 274603

Two questions on the R-72.

#1. I have one that has the clock reset problem described in M.T. last month. I did the fix with the 1N914 diode on the end of R-10's lead and then soldered the cathode to the fuse holder on the other end just like the article described. The problem is the clock still resets. Is the article right? Is there also another fix?

#2. I'm using Radio Manager for Windows to control my R-7000 and it works great, using the recorder remote jack for a squelch detect. The problem is the 72 doesn't work the same way. It scans like crazy but never detects squelch even hooked up like the 7000. What's different? Any ideas?
Thanks....Les

3556. "Guide to AR1000"?

Newsgroup: rec.radio.scanner
Date: 1994-05-09 03:23:28 UTC
From: dbmartin@netcom.com
Message-ID: <dbmartinCpIMr4.J54@netcom.com>
Source record: 274606

Has anyone read Howard Bornstien's book, "Guide to the AR1000"? Is this
a good book? Is it worth $15?
Thanks.

3557. Re: Scanner Case...

Newsgroup: rec.radio.scanner
Date: 1994-05-09 03:42:00 UTC
From: savage@viper.rtp.dg.com
Message-ID: <SAVAGE.94May8224200@viper.rtp.dg.com>
Source record: 274605

In article <1994May5.125521.24787@aio.jsc.nasa.gov> john@aio.jsc.nasa.gov (John C. Bielick) writes:

I just purchased a PRO 43 and am interested in getting a protective leather case for it. Anybody know of a good place to get one?

I too am interested in a case (leather, vinyl, ...). What types are available that fit the Pro-43? Please mention source and price too.

If a response is posted, please EMail a copy to me too...

Thanks,

--Ed
--
Edward Savage savage@dg-rtp.dg.com

3558. Re: Scanning Trunked Syst

Newsgroup: rec.radio.scanner
Date: 1994-05-09 04:54:59 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994May8.235459.1@uoft02.utoledo.edu>
Source record: 274607

> Scanning trunked systems can be a little touchy if you're in one of those
> cities where they leave a little song on the channel they leave. Corpus
> Christi has such a system. It's put out by GE and plays the "bring good
> things to life" jingle as it leaves a channel. This is to keep scanners
> locked on that channel. To listen, you have to keep your finger on the
> scan button, typically using two scanners.

There is a device currently available that bypasses the 'jingle' in GE systems
and continues scanning. I heard someone in my area had one, and saw an product
announcement in Monitoring Times. That's all I know about it. Anybody else
have any info/experience with it?

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

3559. Freqs for Okla HP wanted

Newsgroup: rec.radio.scanner
Date: 1994-05-09 04:55:02 UTC
From: ajohnnyboy@aol.com
Message-ID: <2qkfn6$e2b@search01.news.aol.com>
Source record: 274608

Does anyone have any freqs forthe Oklahoma Highway Patrol? I am intrested in the 800 meg freqs. Any help would be appreciated.

3560. Re: Setting range of frequencies in Yupi.MVT-7100.

Newsgroup: rec.radio.scanner
Date: 1994-05-09 06:19:19 UTC
From: msaran@pt.olympus.net
Message-ID: <2qkkl7$d7m@olympus.net>
Source record: 274609

Just to be sure at the start of the process all the bank #'s are flashing at the top of the display - right. Then the key is to wait - enter one limit and wait until the radio takes it and prompts you for the next limit - it's prompt is that the first freq. you put in goes away - now put in the second limit and wait for the freq. to go away now it's time to put in the bank # (0-9) hit the enter key and now you are ready to use that search-bank. Now is the time to set the mode and step you want. Good luck, hope this helps.

-m
--
Mark Saran
msaran@olympus.net

3561. Pro-46 Deep-Sized Already

Newsgroup: rec.radio.scanner
Date: 1994-05-09 06:34:00 UTC
From: mike.moffit@totembbs.com
Message-ID: <940511031435391@totembbs.com>
Source record: 274508

DH>I see by the latest Radio Shack sales flyer that the Pro-46 handheld
>scanner is being CLOSED OUT for $189.95 (from a retail $229.95).
>This radio is brand new to the current (1994) catalog. Anybody know why
>Radio Shack is giving up on it so soon?

Because it picks up the cellular band...they have to close it out due to
some stupid regulation that makes it illegal to monitor cellular.

 SLMR 2.1a DEL *.* | Are you sure Y/N ? | Yes | Oh Sh.....!

3562. Re: Scanner Case...

Newsgroup: rec.radio.scanner
Date: 1994-05-09 07:33:57 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994May9.023357.1@uoft02.utoledo.edu>
Source record: 274610

savage@viper.rtp.dg.com (Ed Savage) writes:
> john@aio.jsc.nasa.gov (John C. Bielick) writes:
>
> I just purchased a PRO 43 and am interested in getting a protective
> leather case for it. Anybody know of a good place to get one?
>
> I too am interested in a case (leather, vinyl, ...). What types are
> available that fit the Pro-43? Please mention source and price too.
>
> If a response is posted, please EMail a copy to me too...

At one time I had a case for my 43 (before I lost it) that I purchased from
Transel Technologies. The case was made from the same type of semi-elastic
material that divers wear (for insulation). The case worked very well, and
even absorbed some of the shock from the unit falling on the floor.
I don't have the phone #, and if nobody on the nets tell you the #,
try 1-800-555-1212 and ask for their number...

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

3563. Are there any Pro-2032 mods?

Newsgroup: rec.radio.scanner
Date: 1994-05-09 08:17:05 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <768516975@f747.n115.z1>
Source record: 274547

```
DC> Are there any modifications available for the Pro-2032?
DC> Specifically, is cellular restorable? Is this unit so new
DC> that cellular restoration is impossible? ;)
DC> Thanks in advance for your reply.

Hi, Don...
Haven't seen any mods as of yet. It doesn't mean the unit isn't
restorable...just that no one has found the lucky part, I guess.

Speculating...Jerry
```

3564. Re: New scanner, AOR-8000?

Newsgroup: rec.radio.scanner
Date: 1994-05-09 09:01:05 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <768474065snz@javiaton.demon.co.uk>
Source record: 274612

In article <2qgk30$grd@nkosi.well.com>
sethkc@well.sf.ca.us "Seth D. Hollub" writes:

>
>Man! I hope not: AOR hasn't fixed all their *existing* scanners yet.
>By the way, there doesn't seem to be much of a shortage of cell phones.

Well as to how "genuine" the CPU story is I don't know but NEC
apparatnty have umpteen thousand of these things on back order
and the manufacturers of the set only want a small number in
comparrsion to other users and have ended up at the back of the
queue !

This radio is not being made by the same crew that produced the Fairmate
HP100/AR1000/Trident TR1200/Camnis HSC-010 radio (all the same), or the
Camnis 50/TR-2400 or the AR1500 or the AR2500 or....or.......how long is this
list....

I am not 100% sure as to the manufacturer is, perhaps somebody
may have information on that but certainly AOR wanted
to move away from the problems they had with the above radios
(Hence one of the reasons why the AR1000 is now being sold in the USA under
the Trident name of the TR1200).

As of Friday last week anticipated delivery was the end of this month (May). After
Saying that though the AR3030 HF receiver was due in "QTY" at the
end of February...so far we are still waiting.......

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\--/

3565. Re: New scanner, AOR-8000?

Newsgroup: rec.radio.scanner
Date: 1994-05-09 09:23:18 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <768475398snz@javiaton.demon.co.uk>
Source record: 274613

In article <2qheuo$br7@panix2.panix.com>
schuster@panix.com "Michael Schuster" writes:

>Yep, it's supposed to be the "Yupi killer" with alphanumeric display, and
>other hinted-at features. So far no hard facts ... if Jonathan Clough is
>listneing perhaps he'll chime in with anything additional.

Hopefully should see something in the flesh towarsd the end of
this month....but we are talking AOR here so don't bank on it.
Anticpated price is in the region of 450GBP here in the UK.

There are all sorts of, "hinted-at" features, Richard at AOR has
completed the instruction book apparatntly which runs to some 100
pages so I assume there is a fair bit to get to grips with.

I hope to "play" with one next few days but we'll have to see.

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\--/

3566. Cellular Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-09 10:50:15 UTC
From: Lewis Krantz <lkrantz@delphi.com>
Message-ID: <xy-NMpn.lkrantz@delphi.com>
Source record: 274611

Can you sell a used ICOM 7100 which does receive Cellular Frequencies eventho
it is against the law to listen ?

Thanks ?

3567. Re: TR 2500

Newsgroup: rec.radio.scanner
Date: 1994-05-09 11:36:48 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <768483408snz@javiaton.demon.co.uk>
Source record: 274614

In article <CpErI0.Bor@uqac.uquebec.ca>
srogers@uqac.uquebec.ca "Suzanne Rogers" writes:

>Hello all
>
>Well, today I did it.
>
>I ordered a TR 2500 (total coverage 1-1300 MHz) scanner. Retail price
>(as advertised on back cover of Pop-Com, May issue) is 449S US (around
>650$ CAN). I presently own a Pro-57.
>
>Unfortunately, due to back-order and shipping delays, I'll have my new
>toy in about 2 weeks :((((
>
>Does anyone own/know about/have any comments on the TR 2500 ? I would
>appreciate any information you may have. E-mail me or post if of general
>interest.

Susan,

Were there any specific reasons/facilities that made you "go for"
the TR-2500 (aka AOR AR2500) ?

--
Cheers
JC
/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\--/

3568. Re: BC2500XLT question.

Newsgroup: rec.radio.scanner
Date: 1994-05-09 12:34:49 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.36.000C94EA@cornell.edu>
Source record: 274621

>I'm interested in the BC2500 but the mod file says that there are 2 versions
>and that the mod is only valid for 1 of those. Does anyone know how the
>heck you can tell the differnce when you are buying? Is there a new mod
>out that I don't know about that covers the second version?

>Timm
Forget the mod and tune 400Mhz up and it works fine, at least mine does.
Carl (EX-Jarhead)
"To those who have fought for it, freedom has a flavor the
protected will never know"

SSSSS EEEEE MM MM PPPPPP EEEEE RRRRR
S E M M M M P P E R R
SSSSS EE M M M PPPPPP EEE RRRR
S E M M P E R R
SSSSS EEEEE M M P EEEEE R R

FFFFF IIIII
F I
FFF I
F I
F IIIII

3569. Re: New scanner, AOR-8000?

Newsgroup: rec.radio.scanner
Date: 1994-05-09 13:05:11 UTC
From: warburtn@teaching.physics.ox.ac.uk
Message-ID: <1994May9.130745.22760@inca.comlab.ox.ac.uk>
Source record: 274615

: >it was the AOR-8000, but I could be mis-remembering. It must be out to
: >try and compete with the Yaesu MVT-7100; so hopefully has AM/SSB/NFM/WFM
: ^^^^^^^^^^^^^^

: Yupiteru?

Yes, sorry. I realised my mistake just after sending that.

Richard Warburton.

3570. Re: Cellular Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-09 13:19:24 UTC
From: cwilliams@houston.wireline.slb.com
Message-ID: <cwilliams-090594071925@mac144.houston.wireline.slb.com>
Source record: 274616

In article <xy-NMpn.lkrantz@delphi.com>, Lewis Krantz <lkrantz@delphi.com>
wrote:

> Can you sell a used ICOM 7100 which does receive Cellular Frequencies eventho
> it is against the law to listen ?
>
> Thanks ?

I just took delivery (purchased) in ICOM 7100 on 5/6/94 which was after the 4/26/94 cutoff date. From what I've read and been told, only the manufacture or importation of the ICOM 7100 or similar units was prohibited after 4/26/94. For those of us that own scanner capable units, the price should now appreciate in the used market. The dealer that I purchased my ICOM from told of an incident where one of the ICOM handheld cellular capable units was bought recently at a significant premium over its original price.

3571. Pink Floyd Concert

Newsgroup: rec.radio.scanner
Date: 1994-05-09 14:18:47 UTC
From: jlloyd@pluto.cs.clemson.edu
Message-ID: <2qlgo7$5l8@hubcap.clemson.edu>
Source record: 274617

Hello fellow scanner buffs,
Pink Floyd will be performing in a football stadium 3/4 of a mile
from my house this Thursday, and I would appreciate any help on
frequencies for Microphones, Roadies, Sound and Lighting Control etc.

Thanks,

John

--
John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

3572. Re: need freqs.

Newsgroup: rec.radio.scanner
Date: 1994-05-09 14:40:00 UTC
From: Alexander Tait <Alexander.Tait@f747.n115.z1.fidonet.org>
Message-ID: <768476400@f747.n115.z1>
Source record: 274523

-=> Quoting Jerry Smith to Alexander Tait <=-

AT> I forgot that they made it into police call. Correct, the
AT> close out codes unlike the status codes are not published.
AT> I'll check which group ther're using. 9000 thousand series
AT> would fit with TIPS (traffic Information Planning Systen) codes
AT> that ISP uses. I believe that the 7000 series is the older TIPS
AT> codes.

JS> Alex...
JS> The TIPS system used by ISP is different from the ICUR codes that
JS> are used to close out cases. (Which is reported to the State of IL to
JS> account for officers' time and probably used for statistical purposes.)
JS> The TIPS system uses a 3 or 4 number code, such as 106 A.
JS> The 7000 series has been used only in the last couple of years.
JS> Wheaton and Glen Ellyn seem like they're the only agencies that use
JS> it. Bartlett still uses 9000. I don't know what to think on this. <g>

Yea, I realized that after I uploaded the message. Sorry if I added
to the mess....Nice touch picking the TIPS code for traffic
violations. I've got some friends over at DuComm, I'll ask then
about Wheaton and Glen Ellyn codes.

... I either want less corruption, a chance to participate.
___ Blue Wave/QWK v2.11

3573. Re: Yupi MVT-7100 initial opinions

Newsgroup: rec.radio.scanner
Date: 1994-05-09 14:47:32 UTC
From: horak@convex.com
Message-ID: <horak.768494852@convex.com>
Source record: 274618

In <CpHI0z.9JL@cix.compulink.co.uk> oddjob@cix.compulink.co.uk ("Stephen Walters") writes:

>there is a blind? carrier at 912mhz

>oddjob@cix.compulink.co.uk

I get a strong signal at 912 too. A birdie, I guess. If you look long
enough, you're sure to find more.

David

3574. Re: Setting range of frequencies in Yupi.MVT-7100.

Newsgroup: rec.radio.scanner
Date: 1994-05-09 15:11:25 UTC
From: crisp@netcom.com
Message-ID: <crispCpJJJ2.40F@netcom.com>
Source record: 274619

In article <2qkkl7$d7m@olympus.net> msaran@pt.olympus.net (Mark Saran) writes:
>Just to be sure at the start of the process all the bank #'s are flashing
>at the top of the display - right. Then the key is to wait - enter one
>limit and wait until the radio takes it and prompts you for the next limit
>- it's prompt is that the first freq. you put in goes away - now put in
>the second limit and wait for the freq. to go away now it's time to put in
>the bank # (0-9) hit the enter key and now you are ready to use that
>search-bank. Now is the time to set the mode and step you want. Good
>luck, hope this helps.

one other tip: make sure you have a step size selected that allows the
particular frequency you want to be entered. For example if you are using
a step size of 5khz, you cannot enter a frequency like 460.0125. It will
wind up being accepted as 460.010

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

In 1993, approximately 80 people were killed with so called Assault Weapons.
In that same year approximately 300 people were killed by bee stings.
These statistics cover the United States and the 80 number is an annualized
figure derived from the Justice Department and quoted by Dianne Feinstein.

3575. Re: Setting range of frequencies in Yupi.MVT-7100.

Newsgroup: rec.radio.scanner
Date: 1994-05-09 15:17:33 UTC
From: gesman@io.org
Message-ID: <2qlk6d$kge@ionews.io.org>
Source record: 274525

In article <2qkkl7$d7m@olympus.net>, Mark Saran <msaran@pt.olympus.net> wrote:
[...]

Thanks for help. My problem was that I didn't understand the manual
(which is quite difficult to understand for a non-expert).
I thought, that search banks and scan banks are the same thing, while it's
not.

--
Gleb Esman.

3576. FRG-9600 for sale or swap

Newsgroup: rec.radio.scanner
Date: 1994-05-09 15:27:50 UTC
From: asirene@ntuvax.ntu.ac.sg
Message-ID: <1994May9.232750.1@ntuvax.ntu.ac.sg>
Source record: 274620
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner

Hi,

I have a YAESU FRG-9600, complete with power supply, service manual,
video module fitted, plus scanning software with easy to build interface for
computer controlled scanning. Also throwing in a Datong ARA-900 active antenna,
all for about US$230 (add shipping charges). Interested please let me know.
Tks.

BTW, the radio has a HF convertor built in with separate antenna for HF and
also a pre-amplifier for HF built in. Final frequency coverage is from 500kHz
all the way up to 950MHz, fully dial tunable or computer controlled. All mods
added already so covers cellular bands as well.

73,
Daniel

3577. Re: VCR Plus Secrets

Newsgroup: rec.radio.scanner
Date: 1994-05-09 18:14:20 UTC
From: tappr@cuug.ab.ca
Message-ID: <CpJrzx.24C@cuug.ab.ca>
Source record: 274624

In article <5156.11.uupcb@nccbbs.network23.com> ric.topp@nccbbs.network23.com (Ric Topp) writes:
>-> I know that this is somewhat off topic, but a few months ago there
>-> were a lot of requests in this group for "how to decipher VCRPLUS
>-> codes." Here is a program that I found to do it, complete with C
>-> source.
>
>Stephen, I'd like a copy of this. I tried copying the messages
>to a txt file (under DOS), I edited out all the non PKZIP text
>stuff but it would not unzip.
>
>Do you have any ideas on how to do this properly?
>
>Thanks...Ric
>
I can't believe the similarity in our names! I found some code which just took care of the necessary calculations for VCR+ and wrote a external command (For Hypercard on a Macintosh) which allows me to enter 6 parameters and produces the code. There is also a massive lookup table which needs to be produced. Interesting stuff since our local TV guide does not include the code.
Rick Tapp

--

Rick Tapp, Calgary, Alberta
tappr@cuug.ab.ca

3578. Re: BEYOND POLICE CALL is out!

Newsgroup: rec.radio.scanner
Date: 1994-05-09 18:37:04 UTC
From: horak@convex.com
Message-ID: <horak.768508624@convex.com>
Source record: 274623

In <2qel5m$ms1@mustang.alleg.edu> berling@alleg.edu (Gordon Berlin) writes:

> I haven't seen anyone else post this, but surely someone knows
>
>that the Beyond Police Call has been printed and is out. Got mine last night (9.95 + tax) and one volume covers entire country. Salesman at RS said that his store got them in on 5/3. If Meadville has 'em, someone else has to.
> After perus
>
I got one a few weeks ago. It isn't perfect but it does provide a few more freqs than I used to have. I posted here a few days ago giving someone in California some freqs to the Anaheim Arena. Still, it would be nice to have an online database of any freq you wanted.

David

3579. Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-09 20:19:26 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <CpJxsG.CK1@cbnewsc.cb.att.com>
Source record: 274532

According to a LESCOMM brochere received Saturday, the new PRO-2006A scanners have a different microprocesser IC with different pinouts from the IC in the 2006, and there is no diode to be had for cutting to rcv out-of-spec frequency. So, Rat Shack has killed off a major reason to purchase their once-great PRO-2006 series scanner. Let's hope that Rat Shack's next super base scanner will be PRO-43 style which will be modifiable by relatively unskilled folks...

3580. IndyCar freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-09 20:35:59 UTC
From: gburd@ux1.cso.uiuc.edu
Message-ID: <2qm6rf$smc@vixen.cso.uiuc.edu>
Source record: 274530

Does anyone have frequencies for IndyCars for the Indianapolis 500? I know Penske is scrambling their three cars, are any others? Please e-mail to gburd@ux1.cso.uiuc.edu

Thanks in advance.

3581. Re: Where are the Yupis? (Bans, etc.)

Newsgroup: rec.radio.scanner
Date: 1994-05-09 20:47:13 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.196.0014CA1E@ccm.hf.intel.com>
Source record: 274526

In article <1994May6.143951.13359@arrl.org> jkearman@arrl.org (Jim Kearman (KR1S)) writes:
>I see a lot of griping on this newsgroup about what "should"
>have happened, but when the previously mentioned bragging
>was going on (there was even a thread dedicated to the subject),
>the voices of reason were strangely silent. I guess it depends
>on whose ox is being gored. And yes, I did try, publicly and
>privately, to persuade posters of the folly of such revelations.

Thanks for your post. I just wanted to remind folks that cellular monitoring
has not always been illegal. Many of us were relating stories from " those
good ol' days"

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3582. Re: Scanning Trunked Syst

Newsgroup: rec.radio.scanner
Date: 1994-05-09 21:09:01 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.197.00152717@ccm.hf.intel.com>
Source record: 274527

In article <b6a_9405081609@nisc.fidonet.org> Rickey.Stein@illusion.metronj.org (Rickey Stein) writes:

>It may be advantageous to program the input frequencies of the trunk
>into your radio. This will allow you to track the handoff easier
>especially in larger systems or in systems with anti-scanner tones or
>buzzes. You do have to be close to the transmitting unit but it has
>worked well for a number of monitors. You can always use a combination
>of both input and output freqs to try to follow the movement.
>.
>Rickey Stein
> International Editor, RCMA

Can you explain why monitoring the inputs might make it easier to monitor the handoffs (say for a Moto system)? It seems like it wouldn't make much difference. The input freqs are going to change the same as the repeater output freqs (inputs will just be 45MHz lower). Is it just because of signal strength reasons?

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3583. Info on BC220XLT and SportCat

Newsgroup: rec.radio.scanner
Date: 1994-05-09 21:24:49 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.198.00156A81@ccm.hf.intel.com>
Source record: 274528

I just though I would pass along a few posts from CIS on the new BC220XLT and SportCat scanners from Uniden.

Subject: #BC220XLT Performance - Msg Number: 265284
From: Jeff Goldman 76703,4224
To: Howard Bornstein 76174,637
Forum: HAMNET Sec: 02-VHF/UHF Scanning
Date: 04-May-94 09:56:58

I've only played a bit and it's charging up at the moment. I'm VERY impressed with it. Naturally, it is double conversion so it certainly gets its share of images. The audio is probably the same as the Pro51's, which means it's really good! I don't have a Pro51 here, so I'm just guessing from memory. The modified Pro43 is still hissier than the BC220XLT; I really like the audio from this Bearcat! (Naturally, it can't touch the larger Yupi.)

You CAN enter frequencies without the decimal (like with older Bearcats!). Also, you CAN unlock all Search lockout memories by holding down LOCKOUT for 2 seconds while in the Search Hold mode. Same deal with the Service Scan Hold mode!!!

While the scanner remembers Service Scan Lockout memories and Search Lockout memories when you turn off the scanner, it does NOT remember Turbo Search! You have to hit the Turbo button to get it to search 300cps rather than 100cps. Also, as you know Howie, you can't use Priority in Search, though the scanner does have Priority memory so that if you turn off the scanner and turn it back on, it'll remember if the Priority feature is enabled. You also can't use Priority in Service Scan. I'll have to try that later with a Pro51. The scanner does remember if you had Data Skip enabled last time you were in the Search mode.

One thing that I wish I could figure out is a way to go back to the beginning freq of a Service Scan. The scanner remembers where it last left off in a Service Scan mode.

Also, it's too bad that you can't use the wonderful Data Skip in any mode other than Search. And you can't use it when searching Aircraft. It does work wonderfully when searching everything else though. Also, why does Uniden have to stick with 12.5kHz increments in the Aircraft band? That effectively cuts the speed of the BC220XLT and Pro51 down to that of the Pro43 in that band. (Remember, 300cps is only available in VHF-Lo and VHF-Hi.) So the Unidens' 100cps in Air is equivalent to the GRE Pro43's 50cps Air search in the correct 25kHz increments.

You were right about the contrast being very good, as is the backlighting.

The size of the jack seems to be identical to the Pro51's, so I'd think that the RS mobile adapter should work fine. That's the one with the Adaptaplugs. Voltage is 12v and tip polarity is positive. Naturally, Uniden has their own mobile cords (with no transformer needed)- one straight and one coiled.

The optional battery pack for the scanner will be $19.50 plus shipping. No word on when it'll ship. And no price or date on the upcoming leather case.

Like the GRE duckies, the Uniden ducky seems quite acceptable on those bands included in the BC220XLT, plus it's very nice-looking. And yes, those cellular images ABOVE the real band come in very strong and clear. It helps a bit that the BC220XLT has the Uniden-GRE Zeromatic feature, though you're still going to have some conversations a bit off freq. (Not that I'd ever listen in. <g>) Nice that coverage starts up again after 894 and NOT 896MHz like in the SLOOOOOOOOOOW Pro46! That gives you an extra 2MHz of cellular images over the Pro46.

Nice to know that I have one of the first 6 in the country. And, yes, this is one time that being the first doesn't seem to mean having a defective radio. <g> Hopefully, the battery-drain problem of the BC2500XLT was fixed. Certainly, the sound is much better than the BC2500XLT, and you were right that the squelch tail is shorter than the Pro51's! Yep, they fixed it. And they finally designed a decent beltclip (though it still ain't an AR1000-like metal one).

Overall -so far- I'm VERY happy with the new generation of Bearcat scanner and its performance. Nutin's perfect, of course, but it is definitely what I'd have hoped for in a Pro52. Now, to see if there really will be a Pro52! <g> That would be pretty exciting, but still no word from RS yet about such an animal.

I'll let you know what I find out about getting a replacement battery pack from RS. Just don't hold your breath. :-)

-Jeff

PS My serial number is 45000046. Does that mean Glenn's unit was 45000073? My date of manufacture is the same as that unit- "ODID" which is April '94.

Subject: #266154-#BC220XLTs AVAILABLE NOW! - Msg Number: 266350
From: Gregory E. Renner 74261,1214
To: Jeff Goldman 76703,4224
Forum: HAMNET Sec: 02-VHF/UHF Scanning
Date: 07-May-94 12:15:34

Jeff and all

I have had a little time to putz and program my Sportcat. Some random observations: The audio is good but low level. The manual shows 180 mW to the speaker. I programmed in a variety of police and emergency frequencies from the St. Paul, Minneapolis and surrounding area. As with some previous Bearcats I have owned I notice no real intermod problems. The sensitivity is also quite good. I briefly had a 890 XLT which could not pick up the St. Paul Police 12 miles south of me with an outdoor antenna. The Sportcat part comes from the first bank of 10 channels being individually selectable by the 1-0 keypad when the radio is in the direct and not bank mode. The manual recommends putting your sporting event frequencies in channels 10 and in the direct mode it will only scan those channels. There is also a direct channel memo pad between the display and the keypad in which you can write (very small) what is in channels 1-10. Given the low level of audio you would definately need headphones at any kind of sporting event. The delay is 2 second global. I am

still not sure about the effect of the Data Skip feature for the search mode. At times I have noticed it works well for obvious data other times not a all. The intermod for 800 MHz cellular comes through just fine above the cellular range. It was of course only by accident that I heard those calls. :-)

All in all I will have to admit that in the past I have not been a big Uniden fan, even though a 210 10 channel was my first programmable years ago. I do like the Sportcat. It is a good scanner for the money especially considering that the newest RS made by Unided is a 50 channel for the same price. I really do not think t hat the Sportcat theme is that big of a deal and do not lead you to think that there is something about this radio that makes it just for sporting events. Maybe Uniden will introduce more theme scanners: The BareCat-for scanning nudist colonies The AirCat-for air shows The SnoopCat- for cordless phone listening The FatCat- For scanning weight loss clinics etc.

Next up battery life and using it on an outdoor antenna. Any questions, I will try and answer them.

Greg

Subject: #266350-BC220XLTs AVAILABLE NOW! - Msg Number: 266570
From: Howard Bornstein 76174,637
To: Gregory E. Renner 74261,1214
Forum: HAMNET Sec: 02-VHF/UHF Scanning
Date: 08-May-94 03:36:27

Greg, I got to play with a SportsCat today and was also impressed (and a litte bewildered). It took me a few minutes to figure out that the Hold/GoTo button was basically the Manual button. I guess they figure that the customers for the SportsCat will all be new to scanners and won't mind learning a different naming convention. <G>

I wasn't able to see a great advantage in the direct channel mode over normal scanning. What do you think? Perhaps if all ten of the channels were extremely active so you couldn't scan them in the normal fashion it would have some use. The Monitor channels of the Radio Shack scanners do the same thing and I've rarely used them in this "SportsCat" way.

>> The delay is 2 second global.

Would you double-check this for scanning? The BC220XLT has individual channel delays.

WRT data skip, I've found that it seems to work most consistently on signals that have a "white noise" component. It seems to be designed to skip open carriers and similar noise. It frequently *doesn't* work on computer data channels and other real signals. In addition, if you have a weak signal that has noise mixed in with it (e.g. a weak voice over some hiss) the data skip feature will key into the hiss and not the voice and skip the transmission! (well, nothing's perfect!)

You didn't mention what I think is the SportCat's best feature: the ability to lock out up to *100* frequencies during a search! This capability makes a double-conversion,

intermod-prone scanner immeasurably more usable.

BareCat, AirCat, etc. ROFL!!!!! That was hilarious!

Regards, Howard

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3584. Info on new Opto 456 Pro2006 controller

Newsgroup: rec.radio.scanner
Date: 1994-05-09 21:31:34 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.199.0015875A@ccm.hf.intel.com>
Source record: 274529

Some info from CIS on the new computer control hardware/software sold by Optoelectonics for the Pro 2005/2006. The software for this thing was written by Sam Dunham who wrote ScanStar. Even Bill Cheek said this thing is better than his HB232.

Subject: #265396-#New Opto Interface - Msg Number: 265933
From: Ed Lentz 72645,172
To: Daniel M. Conti N2TYB 71242,1774
Forum: HAMNET Sec: 02-VHF/UHF Scanning
Date: 06-May-94 05:16:58

I received my Optoscan 456 the other day and have to say that I am impressed. The board installed without any cutting or soldering of anything. All connections are made using existing plugs and cables supplied with the OS456. There is one wire that can be soldered and I think should be. It is on a Test Point in the scanner and very easy to get to.

The OS456 fits very well inside the 2005/6 scanner and is very well supported with mounting brackets supplied by Optoelectronics. It takes about 15 - 30 minutes to install using the Video Tape supplied. The Video Tape thing is very good since you can actually SEE how to install and if you miss something you just rewind the tape.

The OS456 will allow you to use the scanner in the normal mannor including using the battery to back up the memory in the scanner. When I plug in the OS456 and start the program the radio will immediately stop what it was doing and the display goes blank along with the keypad. All functions from that point on are controlled by the computer software. The decoding of CTCSS/DPL tones and also the ability to scan using the tones is included in the board.

When I finish using the computer program the scanner will immediately switch back to normal operation without doing anything. Suckers automatic in determining how to work.

I find it short of amazing how well constructed something from a radio vendor is for this scanner. The 2006 is most likely one of the better radios on the market right now including the ICOMS, AOR's and all the other scanners. The addition of a $299 board and computer program make it a totally different product. You now have total control of the radio via computer.

I understand that the HP-100XL palmtop computer can be used to control the 2006 scanner. Will try this in a week or so and then I will have a super mobile scanner. Figure on mounting the scanner in the back of the Pathfinder and use the Palmtop to control the radio. I already have 7 radios in the truck so space around the drivers seat is a bit cramped.

Subject: #266065-New Opto Interface - Msg Number: 266101
From: Judd Sheets WA4BUS 74003,3254
To: Russell Keating 72040,3672
Forum: HAMNET Sec: 02-VHF/UHF Scanning
Date: 06-May-94 18:12:20

Russell, I helped design the OS456 and can tell you that the largest delays in scanning the OS456 are the serial CI-V traffic and PRO2006 PLL lockup time. The OS456 only needs about 300-400 microseconds from the time it gets its command to when the PLLs are programmed, but they take about 10 milliseconds to settle.

On a 386 PC, scanning speed including looking for PL codes etc. is about 22 channels per second at 9600 baud. We also support 19.2 kB which should speed things up somewhat.

Judd

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3585. Re: Info on new Opto 456 Pro2006 controller

Newsgroup: rec.radio.scanner
Date: 1994-05-09 22:46:59 UTC
From: wier@merlin.etsu.edu
Message-ID: <wier-090594164659@csci-wiermac.etsu.edu>
Source record: 274533

In article <brett_miller.199.0015875A@ccm.hf.intel.com>,
brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) wrote:

> Some info from CIS on the new computer control hardware/software sold by
> Optoelectonics for the Pro 2005/2006. The software for this thing was written
> by Sam Dunham who wrote ScanStar. Even Bill Cheek said this thing is better
> than his HB232.
>
>
Something I'm confused on is whether this unit is for the pre-ban
2006 or the post ban 2006(A?). (or both?)

THANKS

======== insert usual disclaimers here ============
Bob Wier, East Texas State U., Commerce, Texas
keeper of the Adobe Photoshop, MC68HC11, ICOM mailing lists
wier@merlin.etsu.edu (watch for address change)

3586. Now the April 26 has come and gone

Newsgroup: rec.radio.scanner
Date: 1994-05-09 22:58:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <768569524.AA02266@rochgte.fidonet.org>
Source record: 274552

> From: gdallal@world.std.com (Jerry Dallal)
> Organization: The World Public Access UNIX, Brookline, MA

> The May-June Grove catalog arrived yesterday with the
> following bits of information . . .

> The popular Realistic PRO-2006 scanner has become the
> cellular-unrestorable PRO-2006A, while the PRO-43 handheld

That particular bit is wrong. The PRO-2006A has been on the market for
almost 2 years. The only difference between it and the original '2006 non-A
is that the newer model has an on-off switch for the display backlight instead
of a dimmer switch. No other changes were made.

==========
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

3587. To buy or not to buy...

Newsgroup: rec.radio.scanner
Date: 1994-05-09 23:06:41 UTC
From: bo4373ch@meteor.uscolo.edu
Message-ID: <9405092308.AA19653@meteor.uscolo.edu>
Source record: 274534

How does the PRO-43 compare to the BC-2500XLT and to the ICOM-R1 ? I am interest in a cellular restorable scanner. By the way what goes on the frequencies above 900mhz ? Anything that would justify giving up quality ?

3588. To buy or not to buy ?

Newsgroup: rec.radio.scanner
Date: 1994-05-09 23:16:00 UTC
From: bo4373ch@meteor.uscolo.edu
Message-ID: <9405092317.AA25349@meteor.uscolo.edu>
Source record: 274535
Cross-posted to: alt.radio.scanner,rec.radio.scanner

How does the PRO-43 compare to the BC-2500XLT and ICOM R1 ? I'm looking for 800 mhz (cellular modifiable). Frequency coverage is also important. Is the PRO-43 the top handheld scanner as so many people say ?

Thanks for any answers.

3589. Re: BC100xlt Mods?

Newsgroup: rec.radio.scanner
Date: 1994-05-10 00:00:11 UTC
From: kcase@nmsu.edu
Message-ID: <2qmiqbINN6dn@dns1.NMSU.Edu>
Source record: 274536

Ivan Boesky (kspain@huey.cc.utexas.edu) wrote:
: Does anyone have or know where I can get mods (especially cellular) for
: the BC100xlt? I've checked rigel.oakland.edu but have found nothing.
: Is this unit even modifiable?

: Thanks.

: Kevin
Yes, I was looking for them also and have been unable to find them. If
anyone knows of them please post them.

Thanks,

Kevin
--
| ALL opinions | Kevin Case
| are mine, | OF COUSRE I DID IT IN COLD BLOOD.....
| Nobody else | I'M A POIKILOTHERM
| wants them! | >-=8=======================================---

3590. Re: Singapore scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-10 00:42:48 UTC
From: a23169@nightowl
Message-ID: <1994May10.004248.20284@schbbs.mot.com>
Source record: 274538

Singapore has very restrictive laws on what frequencies can be received and the equipment available in the stores reflects what can be listened to. You will not find scanners, CBs, or even much ham equipment around. Chances are if you take a scanner in and they catch it at customs it will be held until you leave the country or confiscated on the spot.

Understand that here there is still a law that requires each purchaser of a common radio or TV to purchase license for each receiver and TV you own.

--

Regards,
Joe Bakas

Motorola Corporate Telecommunications
EMAIL: a23169@email.mot.com IBMMAIL: USMOTJXX

The opinions expressed in this message are those of the author only,
and do not reflect the opinions of Motorola.

In article <CpEIxw.Lsy@umassd.edu> rflood@cis.umassd.edu (Richard M. Flood) writes:
> In <768048987snz@virtcity.demon.co.uk> hcorn@virtcity.demon.co.uk (Peter Sommer) writes:
>
> >Any information on scanning in Singapore - legality, band plans,
> >discrete frequencies, etc would be most welcome.
>
> Your kidding right? I can imagine how many wacks possesing a scanner
> gets you over there :-)
>
> Seriously someone told me that US troops were told if anything
> happened while in Singapore to turn themselves into the nearest MP's
> no matter what they were accused of. Supposenly the singapore police
> have a bad reputation for beating confessions out of people.
>
> Now can you imagine what they would do if they found a scanner on you.
> I don't think it would be a good idea. Atleast I wouldn't do it :-)
>
> -Rich

3591. Good Freqs For My Trip...

Newsgroup: rec.radio.scanner
Date: 1994-05-10 01:21:56 UTC
From: kspain@huey.cc.utexas.edu
Message-ID: <2qmnjk$a0g@huey.cc.utexas.edu>
Source record: 274537

I'm going to be driving from Austin, TX to Baltimore, MD in about 2 weeks.
I have a BC100xlt and would like to take it along with me to give a
little "information" about road conditions, troopers' locations, etc.
I will be travelling through Texas, Arkansas, Tennessee, Virginia, and
Maryland. Two questions:

1. Is it legal to use a scanner in an auto in all of these states?

2. Can anyone recommend the best frequencies to monitor during my
voyage?

Any help is appreciated.

Kevin

3592. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-10 02:05:09 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May9.210509.2322@hnrc.tufts.edu>
Source record: 274539

```
In article <CpJxsG.CK1@cbnewsc.cb.att.com>, rats@cbnewsc.cb.att.com (RS PRO-2006) writes:
> Let's
> hope that Rat Shack's next super base scanner will be PRO-43 style
> which will be modifiable by relatively unskilled folks...
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

That's just what the ECPA says "no can do". However, because the PRO-43
can't be easily modified by the end user, RS can keep importing them and
selling them.
```

3593. Re: Singapore scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-10 02:25:17 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May10.022517.15702@hpcvaac.cv.hp.com>
Source record: 274540

a23169@nightowl writes:
: Singapore has very restrictive laws on what frequencies can be received and the
: equipment available in the stores reflects what can be listened to. You will
: not find scanners, CBs, or even much ham equipment around. Chances are if you
: take a scanner in and they catch it at customs it will be held until you leave
: the country or confiscated on the spot.

Singapore seems to have laws that restrict or prohibit anything that could
be fun. The more I hear about the place, the less desireable it becomes as
a country to visit.

Bill

3594. Frequency Counters

Newsgroup: rec.radio.scanner
Date: 1994-05-10 03:05:21 UTC
From: Mike_Cook@walnut.prs.k12.nj.us
Message-ID: <1994May09.230521.875665@walnut.prs.k12.nj.us>
Source record: 274553

I'm interested in a Pocket Frequency counter for well under
a 150$. In catalogs I've seen the Realistic(99.95) and the
"optoelectronics 3300 Minicounter" (129.95). Does any one have
experience with other counters, these counters and there prices
as well as vendors? Also if you have experience of how well they
work, and how useful they end up really being? If I bought one
would I get much use out of it? Any thoughts are appreciated.
-DAVID

-----Princeton Regional Schools takes no responsibility for the
accuracy or content of the above message.

3595. Sam Houston Raceway

Newsgroup: rec.radio.scanner
Date: 1994-05-10 04:33:35 UTC
From: rkirkland@delphi.com
Message-ID: <9405100032592.DLITE.rkirkland@delphi.com>
Source record: 274545

Might anyone have the freqs for the Sam Houston Park Racetrack here in Houston? Any replies are appreciatted.

rob
rkirkland@delphi.com

3596. Re: New 2006 Computer Control Board

Newsgroup: rec.radio.scanner
Date: 1994-05-10 05:19:58 UTC
From: thantos@mead2.u.washington.edu
Message-ID: <2qn5hu$ran@news.u.washington.edu>
Source record: 274542
Cross-posted to: rec.radio.scanner,alt.radio.scanner

cscon0151@uoft02.utoledo.edu wrote:
: Did anyone who went to the Hamvention check out the Optolectronics counter? I
: chatted with one of the engineers who designed the new 456 board for the
: PRO2005/6. Evidently this new board is 'superior' than the HB232, as its
: firmware coexists with the new 2006 (firmware cell lockout). When the new
: '456' board is implanted into the 2006, the board takes control of the RF
: sections, and effectively shuts down the GRE firmware. The result is, any
: frequency lockout mandatory implanted by GRE, is disabled. The 456 board
: ALLOWS the new 2006s to tune what the old 'diode-clipped' 2006s can. (No
: 512-760 Mhz still)

: The board requires a PC to be connected to it for control. When the 2006 is
: under '456 control' the LCD becomes blank, and the board/PC assumes total
: control. When the computer is not needed/available, the 2006 will act as if
: nothing happened to it. No soldering is required, although one test point
: should be soldered.

: It currently doesn't work for the 2004. I'll post more info when I have more
: time, gotta get to work!

: --
: Brad Steinman, N8ZRP
: The University of Toledo
: Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
: stu0105@uoft01.utoledo.edu (131.183.1.2)
: N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
: Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
: * Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

3597. Opto 456: Mac version ?

Newsgroup: rec.radio.scanner
Date: 1994-05-10 05:41:28 UTC
From: dpalik@violet.ccit.arizona.edu
Message-ID: <1994May9.224128.1@violet.ccit.arizona.edu>
Source record: 274543

Is there a Mac version of the Optoscan 456 ?

I hope so.

Don Palik
dpalik@ccit.arizona.edu

3598. Great audio filter!

Newsgroup: rec.radio.scanner
Date: 1994-05-10 06:13:40 UTC
From: shawn7@coyote.rain.org
Message-ID: <2qn8mk$4a0@coyote.rain.org>
Source record: 274544

I enjoy listening to all sorts of _stuff_ and I hate the noise/tones
that go with some of it. In my search for a cheap filter, I bought a
Radio Shack _Wide range stereo frequency equalizer_. That's a 10 band
stereo graphic equalizer in people speak. I took the tape out from my RS-2006
and fed it to the left channel input. I checked the output with
headphones and yes, I was able to boost and cut noise at will! I then
took the left output and fed it to the right input and checked the
headphones again. It provides a lot more filtering.. more than I actually
needed. So, I hooked the output from my Sony 2010 to the right channel. I
now have the 2006 in the left channel and the 2010 in the right channel.
Ican filter them seperately though I haven't tried to listen to both at the
same time but... I needed a few adapters to get from RCA to phono and
back again, but I only paid $25 for the equalizer at a swap meet.
Hope this adds to your listening enjoyment like it has to mine.

take care
shawn miner
shawn7@rain.org

3599. Re: Pro-46 Deep-Sixed Already!

Newsgroup: rec.radio.scanner
Date: 1994-05-10 08:11:30 UTC
From: randrews@cheshire.oxy.edu
Message-ID: <940510.011127.20654@cheshire.oxy.edu>
Source record: 274546

In article <1994May5.214021.10963@cherokee.nsuok.edu>,
Charles Veith <veith@cherokee.nsuok.edu> wrote:
>I saw that too and posted here about it. My 2006 has me hooked
>enough on scanning I asked for comments on the '46 here but
>received none. According to the Grove catalog it can be
>modified for cellular reception but I have visited several
>ftp sites and have not found such.
>
>Comments, please, Pro-46 owners?
>
>Charles veith@cherokee.nsuok.edu KG5TV @ WB5AOH

Here's my pro-46 story...

My boyfriend's birthday was last Saturday, and I couldn't decide what to get him. (A tie? Of course not. Something engraved? Already done that. A new hi-tech toy? He already has them all... except!! The logic was clear!)

So I went to the Good Guys thinking scanners are electronic, right, and they are an electronics store. The salesman there told me scanners were *highly illegal* (as opposed to *lowly illegal* I wondered to myself...) so I almost gave up. I asked a few friends, all of whom told me, go to Office Depot and Staples. Although it seemed an odd suggestion, I only realized (duh) at the store's customer service desk that my friends assumed I was going to give him a computer-scanner (e.g. 600 DPI kind of scanner). Laughing, I drove home, but on the way, destined to find that perfect gift, I passed a Radio Shack and thought, "why not, a scanner is a *radio*" Wow! Imagine my surprise when they had 'em!!!

Now, in order for you to grasp the true extent of my ignorance, imagine if you will my INCREADIBLE amazement and WILD surprise when the nice man behind the counter actually turned one of them on for me...
(me): "What's that?"
(him): "That's the North Hollywood police department"
(me): "No Way! Really?"
*(mvs): "...Wells Fargo on Riverside... Suspect last seen running North... One thousand dollars stolen..."
(me): "You mean you can *actually* hear the cops!!!"
(him): "Yeah, of course. What did you think you could hear?"
(me): "Uhhh, I don't know, uhhh, live weather reports and maybe, if I was lucky, some Taxi drivers."

[* = Mysterious Voice coming from Scanner]

He just laughed, looked at my total and complete transfixtion as I stared at the M.V.S., and asked me simply,

"So which model?"
Anyway, aesthetically, I was completely opposed to the Pro-46. The thing is about one of the UGLIEST tech-toys I've ever seen; seriously, who ever designed the "look" of it is clearly a beauty school drop-out. But, knowing nothing about scanners, 100 channels seemed better than 10 and cheaper than two hundred. 10 banks seemed properly imposing, and the frequency list was as long as any of the others... (BTW, only today did I figure out that the list is as long, but not as complete... I didn't look at the actual numbers in each set on the list until I read a thread here that mentioned frequencies.)

And besides, it was on SALE! Yeah, I thought, I can live with giving an ugly-looking scanner for an extra forty bucks in my pocket, especially considering the alternative was almost $120.00 bucks more.

So, I wrapped it up, gave it to my boyfriend, and now play with it twenty four hours a day (not to worry, I let him play with it a few minutes each day while I'm in the shower :-). I'm hooked! (Is there a twelve step program for this?)

Since I really know nothing about scanners, my opinion is meaningless, but nevertheless, I really like it, I'm even getting used to its "ugliness"! So now I'm reading this newsgroup, ftp'ing to get more scanner info, looking for good "starter" books, thinking about buying my own (and letting him have his back :-))and then figuering out how to do "mod's" so I can get the missing 800 frequencies!!!

Anyway, just my contribution to wasted bandwidth...

--Rachel

3600. Re: Singapore scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-10 12:07:03 UTC
From: crisp@netcom.com
Message-ID: <crispCpL5ns.7Fz@netcom.com>
Source record: 274548

In article <1994May10.004248.20284@schbbs.mot.com> a23169@nightowl writes:
>Singapore has very restrictive laws on what frequencies can be received and the
>equipment available in the stores reflects what can be listened to. You will
>not find scanners, CBs, or even much ham equipment around. Chances are if you
>take a scanner in and they catch it at customs it will be held until you leave
>the country or confiscated on the spot.
>
>Understand that here there is still a law that requires each purchaser of a
>common radio or TV to purchase license for each receiver and TV you own.
>
>--

Just be careful as possible while in Singapore. We wouldn't want to
hear of another American (or anyone else)geting their tail end caned.
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

In 1993, approximately 80 people were killed with so called Assault Weapons.
In that same year approximately 300 people were killed by bee stings.
These statistics cover the United States and the 80 number is an annualized
figure derived from the Justice Department and quoted by Dianne Feinstein.

3601. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-10 12:09:51 UTC
From: crisp@netcom.com
Message-ID: <crispCpL5sF.7Kr@netcom.com>
Source record: 274549

In article <1994May9.210509.2322@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
>In article <CpJxsG.CK1@cbnewsc.cb.att.com>, rats@cbnewsc.cb.att.com (RS PRO-2006) writes:
>> Let's
>> hope that Rat Shack's next super base scanner will be PRO-43 style
>> which will be modifiable by relatively unskilled folks...
> ^^
>
>That's just what the ECPA says "no can do". However, because the PRO-43
>can't be easily modified by the end user, RS can keep importing them and
>selling them.

Well glory be: The Yupiteru MVT7100 is just about as difficult to modify
as the RS, to wit: surface mount device needing to be removed/relocated.
Maybe Yupiteru should push harder for certification?

But someone did mention that the MVT7100s emit a lot of RF. Does anyone
know for sure if this is true?
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

In 1993, approximately 80 people were killed with so called Assault Weapons.
In that same year approximately 300 people were killed by bee stings.
These statistics cover the United States and the 80 number is an annualized
figure derived from the Justice Department and quoted by Dianne Feinstein.

3602. Re: Singapore scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-10 12:11:41 UTC
From: crisp@netcom.com
Message-ID: <crispCpL5vH.7qG@netcom.com>
Source record: 274550

In article <1994May10.022517.15702@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>a23169@nightowl writes:
>: Singapore has very restrictive laws on what frequencies can be received and the
>: equipment available in the stores reflects what can be listened to. You will
>: not find scanners, CBs, or even much ham equipment around. Chances are if you
>: take a scanner in and they catch it at customs it will be held until you leave
>: the country or confiscated on the spot.
>
>Singapore seems to have laws that restrict or prohibit anything that could
>be fun. The more I hear about the place, the less desireable it becomes as
>a country to visit.
>
>Bill

Yes, I agree with Bill. My travels take me all over Asia as part of my job.
I know that I could travel to Singapore and do a lot of things over there
work-related. But honestly I have interest in visiting the city-nation:
they just sound too anal retentive for my liking.
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

In 1993, approximately 80 people were killed with so called Assault Weapons.
In that same year approximately 300 people were killed by bee stings.
These statistics cover the United States and the 80 number is an annualized
figure derived from the Justice Department and quoted by Dianne Feinstein.

3603. Frequencies for Toronto area.

Newsgroup: rec.radio.scanner
Date: 1994-05-10 12:35:53 UTC
From: gesman@io.org
Message-ID: <2qnv39$geo@ionews.io.org>
Source record: 274566

I looking for a frequency lists in Toronto area additionally to ones
described in Haruteq 10-th ann. book.
Is there any magazines, BBS-s or other sources of this kind of info
(for Toronto area) ?
Another information I looking for is police codes 20-xx, 16-xx and
AMB codes. Any pointers?
I'd appreciate any posts and replies related to scanning in a Toronto
area. I just purchased scanner and have no much experience so far.
Thanks,

--
Gleb Esman.

3604. Re: Michigan (detroit) freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-10 12:52:34 UTC
From: ar733@yfn.ysu.edu
Message-ID: <2qo02i$o4d@news.ysu.edu>
Source record: 274554

Chris, what you need is the Scanner Frequency Directory for Northwest Ohio and Southeast Michigan by Darryl Symington. It covers the majority of the metropolitan areas around Detroit and Toledo. And, since it is just for these areas, you get a lot more useable frequencies, as opposed to Police Call which is a good publication, but is spread over two entire states. This book is available at Adray Appliance in Dearborn , (313) 274-9500. The price is $11.95. The newest edition has a pink cover. Hope this helps your listening.

Joel, N8JOY

3605. Racing Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-10 14:03:25 UTC
From: dshields@mace.cc.purdue.edu
Message-ID: <dshields.768578605@mace.cc.purdue.edu>
Source record: 274555

f anyone has the frequencies used by the Indy cars or NASCAR, could they
please post them.

Thanks

3606. Re: BEYOND POLICE CALL is out!

Newsgroup: rec.radio.scanner
Date: 1994-05-10 14:29:53 UTC
From: <>
Message-ID: <2qo5p1$4n7@wizard.uark.edu>
Source record: 274557

berling@alleg.edu (Gordon Berlin) writes:

> I haven't seen anyone else post this, but surely someone knows
>
>that the Beyond Police Call has been printed and is out. Got mine last night (9.95 + tax) and one volume covers entire country. Salesman at RS said that his store got them in on 5/3. If Meadville has 'em, someone else has to.

How is this different from Monitor America? Is it true that Richard Barnett (of Scanner Master) collaborated on this book? Inquiring minds want to know!

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Peter Laws <plaws@comp.uark.edu> | "The Ninties are gonna make the Sixties
n5uwy@ka5bml.#nwar.ar.usa.noam | look like the Fifties" - Dennis Hopper

3607. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-10 14:51:04 UTC
From: horak@convex.com
Message-ID: <horak.768581464@convex.com>
Source record: 274560

In <crispCpL5sF.7Kr@netcom.com> crisp@netcom.com (Richard Crisp) writes:

>But someone did mention that the MVT7100s emit a lot of RF. Does anyone
>know for sure if this is true?
>--
>Richard Crisp Cupertino, Ca. crisp@netcom.com
>(415) 903-3832 wk (408) 253 4541 fax

I have used the MVT7100 with my Pro34 and Pro2006 for a few weeks and I haven't noticed the Pro units locking onto anything strange. Of course, this isn't really a scientific answer. I will say that when scanning the Yupi alonside my Pro34, I noticed my Yupi would pick up whatever the Pro34 was locked onto 10.7 MHz away. So, it looks like the Pro34 10.7 IF is extremely leaky. I could get the Yupi to lock on up to about ten feet away from the Pro34.

David

3608. Re: CB-Phone patch ?

Newsgroup: rec.radio.scanner
Date: 1994-05-10 15:25:16 UTC
From: <>
Message-ID: <2qo90s$58u@wizard.uark.edu>
Source record: 274561

camter28@astro.ocis.temple.edu (-=FOOBARF=-) writes:

>-=FOOBARF=- (camter28@astro.ocis.temple.edu) wrote:

> Crapola. Sorry, I messed up on the subject of this one.
>I'm reposting it with the proper subject now. Sorry.
> (Hey, we all make mistakes here and there. . some more than others.)
^^^^^^^^^^^^^^^^^^^^

True, but *5* copies of a *14* line .sig file?!?!?!?!?

Peter Laws <plaws@comp.uark.edu> | "The Ninties are gonna make the Sixties
n5uwy@ka5bml.#nwar.ar.usa.noam | look like the Fifties" - Dennis Hopper

3609. Re: Scanning Trunked Systems ?

Newsgroup: rec.radio.scanner
Date: 1994-05-10 15:27:17 UTC
From: <>
Message-ID: <2qo94l$598@wizard.uark.edu>
Source record: 274562

stevem@inca.gate.net (Steve Misel) writes:

>To scan a trunked system, you need all channels in the system (5 or
>more). Program all of these channels into your scanner and turn the
>delay feature off if it's not already off (for every frequency in the
>system). You'll hear at least one control channel, which sends data to all

In our local system (at least) the system is set to cascade "downwards"
when a frequency is let go

i.e. 860.2375
859.2375
858.2375
857.2375
856.2375

One of these would be the handshake channel of course. I've also noted
that the control tones rotate the same way and this could be a clue as to
how your (Motorola) system works. Repeater hang time also drastically
affects how well you can monitor a given system.

I seem to remember reading a FAQ on trunking (by Brian Kantor?) that
indicated that all of these parameters are user configurable (OK -
sysadmin configurable) so YMMV ...

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Peter Laws <plaws@comp.uark.edu> | "The Ninties are gonna make the Sixties
n5uwy@ka5bml.#nwar.ar.usa.noam | look like the Fifties" - Dennis Hopper

3610. Where is scanning illegal? - Survey

Newsgroup: rec.radio.scanner
Date: 1994-05-10 15:44:05 UTC
From: salvini@wdl.loral.com
Message-ID: <1994May10.154405.20943@wdl.loral.com>
Source record: 274480
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I am compiling a list of state/municipalities that "claim" scanners
are illegal.

What I need is (an example - not true)

City: Nowhere
State: No State
Scanners are ok in home not in car.

or

County: Boonies
State: South Place
Scanners are banned totally.

Harry
salvini@wdl.loral.com

3611. Indy 500 frequencies (I have some!)

Newsgroup: rec.radio.scanner
Date: 1994-05-10 15:45:12 UTC
From: scott@redstorm.nawc-ad-indy.navy.mil
Message-ID: <199405101544.KAA06441@cs.utexas.edu>
Source record: 274563

I blew off work yesterday afternoon (5-9) and went out to the Indy 500 track to try to track (pun intended) down some frequencies for the various teams. I used my trust PRO-34 and a pair of KOSS headphones that completely cover the ears. The choice of headphones is very important because you need to have a pair that completetly cover and seal your ear because of the noise. Don't try to use the walkman type headphones with the foam because you will have a very hard time hearing anything.

I found out it is a very slow process to find the team frequencies. I searched mainly from 460-470 MHz. I think some teams work down in the lower 450's and some have moved up to the 800's. I didn't try searching up in the 800MHz region. There were also a lot of data channels which may or may not have been telemetry data from the cars.

I had a lot of problems with intermod and images while out at the track. It seems to be a VERY high RF area. Local businesses would transmit and completely overwhelm the 460-470MHz band I was searching. I was also hearing images of the ESPN feed throughout the 460MHz band. A triple conversion scanner such as the PRO-43 might have better success as sniffing out new team and race control frequencies. My poor PRO-34's front end was just overwhelmed. However, I was able to come up with the following frequencies. Most of these I could not identify as a specific team or driver, but was able to identify them as being part of the race.

If anyone confirmes these or finds any new freqs, please let me know.

Indy 500 Frequencies found on 5-9-94:

Race control:

463.650 Track control
464.200 Safety crews
466.850 Track control?
466.9875 Track control
935.137 USAC #1 (Pace car?)

Drivers:

462.8125 Possibly Raul Boesel (sounded like Emmo, but I think
the Penske cars are in the 800 MHz band and scrambled)
463.7625 Sounded like Lyn St. James
465.2375 Sounded like Arie Luyendyk, but not 100% sure.
466.2875 Nigel Mansell

Other teams I could not identify with any certainty:
Most of the talk was about the feel and handling of the car and the setup.

460.300
460.700
462.575
463.9125
464.725
469.2625
469.825

Other miscellaneous freqs found:

461.850 caterer?
466.850 caterer

I heard several local television station broadcast feeds in the 450-451 MHz and 455-456 MHz ranges. I was so near the broadcast point that it was almost impossible to tell which frequency they were transmitting on because I heard the signal on my channels. Here is a list I have for the local radio and television station broadcast remotes for Indianapolis (* signifies I have confirmed the freq & station):

450.2125 Unknown
* 450.2500 WRTV Channel 6 ABC
* 450.2875 WIBC Radio 1070 AM
* 450.3375 WIBC radio 1070 AM
* 450.3875 WXIN channel 59
* 450.4125 WTHR Channel 13 NBC
450.4875 unknown
450.5625 Unknown
* 450.5875 WISH Channel 8 CBS
* 450.6125 WFBQ Q-95 94.7 FM
* 450.6500 WFMS Radio 95.5 FM
* 450.7000 WIBC Radio 1070 AM
450.7500
450.8000 WRZX 103.3 FM radio
450.8875 Unknown ??
450.9000 Unknown
* 455.2875 WIBC Radio 1070 AM
455.5625 unknown (TV?)
* 455.6500 WFMS radio 95.5 FM

| Scott Richardson |
| scott@redstorm.nawc-ad-indy.navy.mil |
| 72237.2420@compuserve.com |

3612. IDEA: Rev switch for scanners

Newsgroup: rec.radio.scanner
Date: 1994-05-10 16:25:43 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2qoci7$55o@slinky.cs.nyu.edu>
Source record: 274574

If scanners could know standard offsets based on band, they could search in the input ranges and jump to the repeater output upon receipt of activity.

Would work great for cellular and trunked.

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

3613. Detroit Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-10 16:44:10 UTC
From: mkeiser@scca.Eng.Sun.COM
Message-ID: <2qodkq$jrf@engnews2.Eng.Sun.COM>
Source record: 274564

Greetings!

After several years of working SCCA Pro Racing as a radio tech, I'm finally going to go to the Detroit Grand Prix (@ Belle Isle) as a spectator! I would be most grateful if anyone would post a list of interesting Detroit-area frequencies to listen to during the week. I suspect I can find the race frequencies (from experience), but would appreciate anything else that local Detroiters find interesting to monitor. I'll be staying in Dearborn, visiting Greenfield Village and the Rouge, and the RaceRock Cafe. And staying out of Detroit after dark (unless I go to the RenCen).

Thanks in advance.

Mark

3614. Re: Singapore scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-10 17:31:50 UTC
From: gleason@mwk.com
Message-ID: <1994May10.113150.1973@mwk.com>
Source record: 274567

In article <1994May10.004248.20284@schbbs.mot.com>, a23169@nightowl writes:
> Singapore has very restrictive laws on what frequencies can be received and the
> equipment available in the stores reflects what can be listened to. You will
> not find scanners, CBs, or even much ham equipment around. Chances are if you
> take a scanner in and they catch it at customs it will be held until you leave
> the country or confiscated on the spot.
>

Actually, I saw a pretty good selection of ICOM ham HTs at the electronics stores in those strange shopping mall/bazaars right next to the big hotels in Singapore...several models were there that hadn't even been announced yet in the states.

Strange little country, Singapore...The locals delighted in asking if the heat and humidity were killing me...when I'd reply that it wasn't, they seemded disappointed, and asked why not? I told 'em, "I'm from Houston - this would be a mild spring day there". They were baffled.

If you're ever there, don't miss the lunch buffet at the Raffles Hotel...mighty good food. If you want seafood, check out Newton Circus (or was it Circle? don't recall). Extremely fresh seafood of all types, and the biggest shrimp, lobster, and other crustaceans I've ever seen, along with cold beers, served outdoors in a casual atmosphere.

Lee K. Gleason N5ZMR
Control-G COnsultants
gleason@mwk.com

3615. Re: Opto 456: Mac version ?

Newsgroup: rec.radio.scanner
Date: 1994-05-10 17:37:05 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.173.000B9E94@CCCS.UMN.EDU>
Source record: 274565

In article <1994May9.224128.1@violet.ccit.arizona.edu> dpalik@violet.ccit.arizona.edu writes:
>From: dpalik@violet.ccit.arizona.edu
>Subject: Opto 456: Mac version ?
>Date: 9 May 94 22:41:28 MST

>Is there a Mac version of the Optoscan 456 ?

>I hope so.

The message traffic on CI$ says that the Opto 456 will be compatible with the computer interface for the ICOM-7x00 radios. There are some extensions for returning results from decoding CTCSS and DTMF codes so you may be able to use one of the Mac based R-7x00 packages.

--rick

+---+
| Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
| Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |
| Cancer Screening Trial voice: (612) 627-4151 |
| University of Minnesota fax: (612) 627-4158 |
| 212 Ontario St SE, Suite 202 |
| Minneapolis, MN 55414 |
+---+

3616. HELP!!! My 2way is screwd

Newsgroup: rec.radio.scanner
Date: 1994-05-10 18:22:17 UTC
From: ckf@christa.unh.edu
Message-ID: <2qojcp$3vm@mozz.unh.edu>
Source record: 274438

Ok, the battery is charged, the configuration data is all correct, it's scanning properly, it hasn't been dropped, wet, anything....but now it won't recieve. I cross checked with a friend and he was getting everyting I should have been, so...I turned it off and left it alone for a while. A little bit later, IT WORKED!!...but today, it won't again. Does anyone know what could be going on. Does this happen often to two ways and/or scanners? HELP!! It's a brand new Relm WHS-150, very expensive but absolutely BEAUTIFUL. I really don't want to have to send it back. Please respond here or ckf@christa.unh.edu

Thanks!

Chris Fowler

3617. Re: Pro-46 Deep-Sixed Already!

Newsgroup: rec.radio.scanner
Date: 1994-05-10 19:10:04 UTC
From: strech1@aol.com
Message-ID: <2qom6c$ct6@search01.news.aol.com>
Source record: 274572

In article <940510.011127.20654@cheshire.oxy.edu>, randrews@cheshire.oxy.edu
(Ms. Rachel C. Andrews) writes:
>>day while I'm in the shower :-). I'm hooked! (Is there a twelve step program
>>for this?)
Rachel, try these questions:
WARNING SIGNS OF BECOMMING A SCANNER-NUT

Can you ID a radio's freq by looking at the antenna?

Do you know what fire station is being dispatched by
listening to the pager tones?

Do you start reading plates by the police phonetics?

Can you quickly translate a vanity plate read in phonetics?

Do you have a 'favorite' dispatcher?

Do you curse the newspaper for not printing anything about what
you heard last night?

Do you know at least 15 vehicle/penal code sections?

Are you on a constant search for the 'best' frequency manger
program?

Do you yell at TV shows that use scanners in place of 2-way radios?
(trivia- wha t scanner was used as a 2-way radio on 'Starskey & Hutch'?)

When you promise to sell your old scanner when you upgrade, do you
find a conveniant use for it SOMEWHERE?

Can you rattle off at least 10 local PD/Fire freqs by memory?

Do you put off everything on Saturday night to see "Cops"?

Do you have twin spotlights on your car?

Have you ever slipped and said 'Code 7'when taking lunch, and your'e
an accountant?

Do you know exactly when you are leaving one 'beat'and entering
another?

When someone says 'trunk' you don't think elephant or car compartment,
you think 'ARRRRRGH!'

David
Pacific Grove CA

PS. the '46 IS modifieable for cellular.......

3618. Frequency Counters

Newsgroup: rec.radio.scanner
Date: 1994-05-10 19:20:01 UTC
From: jaywward@inca.gate.net
Message-ID: <2qomp1$22u4@inca.gate.net>
Source record: 274573

I've used thr Realistic counter and been fairly happy with it. My needs are modest and I've used mainly on homebrew bench work typr projects. For checking CB, Marine VHF, and 2 meter rigs it works great. It is NOT very sensitive and would need a decent pre-amp for any kind of signal hunting.

73's
Jay

3619. Frequencies for Dulles airport

Newsgroup: rec.radio.scanner
Date: 1994-05-10 19:32:47 UTC
From: g4430f18@g4430f18.esr.hp.com
Message-ID: <2qongv$i5u@a4430ux.esr.hp.com>
Source record: 274569

On Monday I'll be flying United airlines out of Dulles Airport in Virginia. Does anybody know what frequencies I can use to listen in on the plane. If not, what about a frequency range. Any help would be greatly appreciated. I'm assuming there is no law against listening in except during and after take-off and landing. If I'm wrong about that, somebody please let me know.
Thanks in advance for any help that you guys/gals can provide.

regards,
Byron

3620. Re: cordless phone

Newsgroup: rec.radio.scanner
Date: 1994-05-10 19:44:09 UTC
From: pwd@apple.com
Message-ID: <pwd-100594114409@17.130.21.25>
Source record: 274568

In article <2qbc2t$9v4@engnews2.Eng.Sun.COM>, fussy@hairball.Eng.Sun.COM (Tom Fussy - Display Development) wrote:
> In article 010594151821@mac03.lafortune.lab.nd.edu, Charles.R.Hohenstein.1@nd.edu (Charles R. Hohenstein) writes:
> > In article <2pm41g$muh@cutter.clas.ufl.edu>, sjh@math.ufl.edu (Steven J. Horn) wrote:
> > >
> > > Our neighbors monitor our cordless phone conversation
> > > and I would like to know what is a good cordless phone
> > > which would prevent this - preferably something under
> > > $200. Please e-mail me at sjh@math.ufl.edu
> > >
>
> Motorola has a new line of cordless "flip phones" that have a security
> feature. The demonstration kiosk has a button you can push to hear what
> the phone sounds like to someone using a scanner to listen in. It sounds
> terrible. You can't hear anything. Price is around $200.

Once again, Motorola's "Secure Clear" technology (I believe that's what they call it) is just simple frequency inversion. Radio Shack, among many others, sells a box that will flip the frequencies back to their appropriate bands; an easy and inexpensive scanner add-on. I wouldn't count on it to provide any real security, although I suppose it might deter "casual listeners" (you decide what fraction that is!).

Hope this helps,
-Patrick Penzias Dirks.

3621. Re: Michigan (detroit) freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-10 19:49:00 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2qoofc$num@umcc.umcc.umich.edu>
Source record: 274570

In article <2qo02i$o4d@news.ysu.edu>, Joel K. Ashby <ar733@yfn.ysu.edu> wrote:
>
>Chris, what you need is the Scanner Frequency Directory for
>Northwest Ohio and Southeast Michigan by Darryl Symington. It

>good publication, but is spread over two entire states. This book
>is available at Adray Appliance in Dearborn , (313) 274-9500.
>The price is $11.95. The newest edition has a pink cover.
>Hope this helps your listening.
>
> Joel, N8JOY

And if you call Adray Appliance, be sure to ask for Joel K. Ashby,
N8JOY...

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

3622. Re: Detroit Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-10 19:53:15 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2qoonb$o7f@umcc.umcc.umich.edu>
Source record: 274571

In the past, the primary DeeTroit PD channel in use has been 453.550 (channel 5), which is their special events channel, in addition to lesser traffic on some of the other DPD 453MHz channels & on the city's 800MHz system.

USCG freqs will also be active with related traffic.

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

3623. Re: Info on new Opto 456 Pro2006 controller

Newsgroup: rec.radio.scanner
Date: 1994-05-10 20:17:15 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.201.00144A2F@ccm.hf.intel.com>
Source record: 274556

In article <wier-090594164659@csci-wiermac.etsu.edu> wier@merlin.etsu.edu (Bob Wier) writes:
>In article <brett_miller.199.0015875A@ccm.hf.intel.com>,
>brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) wrote:

>> Some info from CIS on the new computer control hardware/software sold by
>> Optoelectonics for the Pro 2005/2006. The software for this thing was written
>> by Sam Dunham who wrote ScanStar. Even Bill Cheek said this thing is better
>> than his HB232.
>>
>>
> Something I'm confused on is whether this unit is for the pre-ban
>2006 or the post ban 2006(A?). (or both?)

>THANKS

The real beauty of this new unit is that it takes over the microprocessor and does not use any of its internal programming. So even if cellular is factory blocked and unrestorable, the Opto board can tune anywhere it wants (including cellular). Only the 2004 is not supported at this time. It should work with the 2005, 2006, 2006A and soon-to-be-released 2006B.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3624. Re: Opto 456: Mac version ?

Newsgroup: rec.radio.scanner
Date: 1994-05-10 20:21:30 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.202.00145C5C@ccm.hf.intel.com>
Source record: 274558

In article <1994May9.224128.1@violet.ccit.arizona.edu> dpalik@violet.ccit.arizona.edu writes:

>Is there a Mac version of the Optoscan 456 ?

>I hope so.

>Don Palik
>dpalik@ccit.arizona.edu

No, there is not. Nothing seems to be in the works for the Mac either.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3625. Re: Pro-46 Deep-Sixed Already!

Newsgroup: rec.radio.scanner
Date: 1994-05-10 20:27:43 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.203.001476E9@ccm.hf.intel.com>
Source record: 274559

In article <940510.011127.20654@cheshire.oxy.edu> randrews@cheshire.oxy.edu (Ms. Rachel C. Andrews) writes:
>Since I really know nothing about scanners, my opinion is meaningless, but
>nevertheless, I really like it, I'm even getting used to its "ugliness"! So
>now I'm reading this newsgroup, ftp'ing to get more scanner info, looking
>for good "starter" books, thinking about buying my own (and letting him
>have his back :-))and then figuering out how to do "mod's" so I can get
>the missing 800 frequencies!!!

>Anyway, just my contribution to wasted bandwidth...

>--Rachel

Judging from your post, it might be dangerous for you to restore cellular. Remember, there are only 24 hours in a day, and that won't leave any for your boyfriend... :-)

Happy scanning.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3626. Re: AR1500 ???

Newsgroup: rec.radio.scanner
Date: 1994-05-10 20:47:58 UTC
From: steinber@lehman.com
Message-ID: <CpLtrz.1v3@lehman.com>
Source record: 274512

I have an AR1000. I am very satisfied with it.
The main difference between this and the AR1500 is that the latter
has SSB (single sideband coverage).
Single sideband is a modulation method that is used primarily by Ham operators,
FAX, and RTTY in the HF (shortwave bands). Some CB units also use it. If your unit
can not demodulate SSB (it needs a BFO to do it), those communications using SSB
will be distorted, .eg voices sound like Donald Duck.
The AR1000 and AR1500 have continuos coverage from .5mHz to 1300mHz
I find that is it is a good unit, but it takes time to learn how to use the
SCAN and SEARCH features. Suprisingly, the HF coverage is decent, but not as
decent as a dedicated shortwave radio.
The AR1500 costs around $470 - $500. I don't know about used prices, it is a very new
product. Good sources are ACE communications, or EEB.

Meyer

3627. Re: Houston Freq?

Newsgroup: rec.radio.scanner
Date: 1994-05-10 21:13:41 UTC
From: tharrell@nmsu.edu
Message-ID: <2qote5INNcd0@dns1.NMSU.Edu>
Source record: 274481

JBielick (jbielick@aol.com) wrote:
: Would anyone out there be willing to share frequencies
: for the Houston and surrounding area?

I've got some for Beaumont, if you want to consider it in the surrounding
area (I wouldn't).
--

T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

3628. Realistic Pro 2004 For Sale $240.00

Newsgroup: rec.radio.scanner
Date: 1994-05-10 21:53:37 UTC
From: eskin@btree.brooktree.com
Message-ID: <2qovp1$4m1@btree.brooktree.com>
Source record: 274505
Cross-posted to: rec.radio.swap,rec.radio.scanner

Modified for 400 channels, unrestricted 800 MHz. Near new condition. An excellent all-purpose scanner. I have a Pro2006 and a Pro43 and don't need three killer scanners!

$240 + 1/2 shipping.

Contact Michael KC6NZK for more info
(619) 535-3476

--

Michael Eskin, Brooktree Corporation email: eskin@brooktree.com
9868 Scranton Road, San Diego, CA 92121 AOL: BTRE MichE

3629. Beyond P.C. Question

Newsgroup: rec.radio.scanner
Date: 1994-05-11 01:10:00 UTC
From: jimz@infinet.com
Message-ID: <2qpb98$phi@rigel.infinet.com>
Source record: 274475

I just bought Beyon Police Call today, and in the back it lists a lot of racing frequencies that several people have asked for lately.

This brings up a question: Is it ok for me to transcribe these freqs on here? I don't want to break any copyright laws, but I find it hard to believe that you can copyright frequencies. Is it ok?

--
/+-\
jimz@infinet.com	What's better than roses on your piano?
Call me Wookie;	Finger me for the answer.
everyone else	
does.	Disc: Don't even bother listening to me.
\-+/

3630. Re: Frequency Counters

Newsgroup: rec.radio.scanner
Date: 1994-05-11 01:31:22 UTC
From: eric@garnet.msen.com
Message-ID: <2qpcha$nj1$1@garnet.msen.com>
Source record: 274476

I have an Optoelectronics fequency counter. I bought it several years ago. It is model 2210A, probably not a current model. In any event, it has two frequency ranges: 10Hz-12MHz and 10MHz-2.2GHz. It is AC or DC operable, with a LED display. Neat theory, but in reality, it's not the *most* accurate instrument. If it were to be used, hypothetically, to try and lock in on a close 800MHz source, oh... like perhaps cellular, you'd have to be quite close (30-50 feet) for 3-10 seconds, and even then it could be hard to get a clear reading. However, once learning the quirks of the unit, it DOES work, and it has provided hours of entertainment. It doesn't do well on low wattage transmission sources (i.e. cordless phone handsets, handheld cellulars under 1 watt). To sum up, its value depends on what you'll be using it for. I've been quite glad I've had mine a few times when finding a particular frequency (quite stealthily, at that) has been necessary.
- - Eric

--
------------------<Golan Security/Defense Policy Studies>--------------------
eric@golan.org | The HOWITZER of truth on the | Holyland Harley-
72000.1256@compuserve.com | battlefield of propoganda. | Davidson Club
----

3631. Re: Frequencies for Dulles airport

Newsgroup: rec.radio.scanner
Date: 1994-05-11 01:43:33 UTC
From: pas@cc.gatech.edu
Message-ID: <1994May11.014333.26754@cc.gatech.edu>
Source record: 274477

In article <2qongv$i5u@a4430ux.esr.hp.com>,
Byron Holston <g4430f18@g4430f18.esr.hp.com> wrote:
>On Monday I'll be flying United airlines out of Dulles Airport in
>Virginia. Does anybody know what frequencies I can use to listen in on
>the plane. If not, what about a frequency range. Any help would be
>greatly appreciated. I'm assuming there is no law against listening in
>except during and after take-off and landing. If I'm wrong about
>that, somebody please let me know.

You're in luck, in that you probably won't even need a scanner. It's
normal on United flights to have the ATC communications on the passenger
entertainment system. Look for it on channels 9 or 10. If it's not on,
a brief message to the pilot is usually all that is needed to have it
turned on. And it stays on all the time, from gate to gate, including the
most interesting phases of takeoff and landing.

To answer your question in general... You are right, there is no law
against listening to ATC on abord a commercial flight except while below
10,000 feet AGL (above ground level). Above 10,000 AGL, it's up to the
individual airline's policy. If the airline says you can't, then you
can't. If the airline says you can, then you may use your scanner as
long as the pilot does not object. A small sample of airlines reveals
that Delta allows scanners, while United, American and Northwest don't.
But then again you won't even need one on United.

If you still want to use your scanner while on the ground at IAD, here
are some frequencies:

ATIS 134.850 [or call (703)471-7127]
Approach 126.100 124.650 120.450
Tower 120.100
Ground 132.450 121.900
Midfield ramp 129.550
Clearance del. 127.350
Departure 126.650 125.050

+---+
____ _ | Paulo Santos Email: pas@cc.gatech.edu |
|____o,___/ ____| College of Computing |
([_________-\' | Georgia Tech Voice: +1 404 853-9393 |
| o' | Atlanta GA 30332-0280, U.S.A. Fax: +1 404 853-0673 |
+---+

3632. Re: Info on new Opto 456 Pro2006 controller

Newsgroup: rec.radio.scanner
Date: 1994-05-11 02:07:46 UTC
From: dan@chinook.halcyon.com
Message-ID: <2qpeli$3mp@nwfocus.wa.com>
Source record: 274479

In article <brett_miller.201.00144A2F@ccm.hf.intel.com>,
>The real beauty of this new unit is that it takes over the microprocessor and
>does not use any of its internal programming. So even if cellular is factory
>blocked and unrestorable, the Opto board can tune anywhere it wants (including
>cellular). Only the 2004 is not supported at this time. It should work with
>the 2005, 2006, 2006A and soon-to-be-released 2006B.

I have a 2004. Any word what is different about the 2004 from the 2005
and 2006? Any hope of seeing a 2004 version?
--
dan@halcyon.com
Dan & Amy Lawrence
Seattle, WA USA

3633. Re: need freqs.

Newsgroup: rec.radio.scanner
Date: 1994-05-11 02:45:16 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <768699562@f747.n115.z1>
Source record: 274478

JS> The TIPS system used by ISP is different from the ICUR codes that
JS> are used to close out cases. (Which is reported to the State of IL to
JS> account for officers' time and probably used for statistical purposes.)

AT> Yea, I realized that after I uploaded the message. Sorry if I
AT> added to the mess....Nice touch picking the TIPS code for
AT> traffic violations. I've got some friends over at DuComm,
AT> I'll ask then about Wheaton and Glen Ellyn codes.

Naw, you didn't add to the mess. Just wanted to make sure we were on the
same page. <g>

I'd be interested to see what DuComm has to say. I would be even _more_
interested if you were able to get copies. <g> Let me know if that would
be asking too much. :)

Thanks...Jerry

3634. Re: Racing Freqs (was: Indy 500 freqs)

Newsgroup: rec.radio.scanner
Date: 1994-05-11 03:09:45 UTC
From: boothc@kenyon.edu
Message-ID: <1994May10.220945.11882@kcvax1>
Source record: 274484

```
>
> 450.2125 Unknown
> * 450.2500 WRTV Channel 6 ABC
> * 450.2875 WIBC Radio 1070 AM
> * 450.3375 WIBC radio 1070 AM
> * 450.3875 WXIN channel 59
> * 450.4125 WTHR Channel 13 NBC
> 450.4875 unknown
> 450.5625 Unknown
> * 450.5875 WISH Channel 8 CBS
> * 450.6125 WFBQ Q-95 94.7 FM
> * 450.6500 WFMS Radio 95.5 FM
> * 450.7000 WIBC Radio 1070 AM
> 450.7500
> 450.8000 WRZX 103.3 FM radio
> 450.8875 Unknown ??
> 450.9000 Unknown
> * 455.2875 WIBC Radio 1070 AM
> 455.5625 unknown (TV?)
> * 455.6500 WFMS radio 95.5 FM
>
> | Scott Richardson |
> | scott@redstorm.nawc-ad-indy.navy.mil |
> | 72237.2420@compuserve.com |

Scott et al.,

I dug these up from my files. I'm sure they're way outdated, but some of
the network and official freqs might not be. This is Racing stuff I have.
I don't know if NASCAR is Indy etc. (actually know that I think about it
Nat. Assoc. Stock CAr Racing(?) doesn't sound like the funny cars at Indy ;) but
any way....I'm sure someone can use them. I found the AVS stuff interesting
and it's probably useful to all if it isn't dated. Anyway......
If you get any *real* answers, please post them.

Carter

PS---I have no idea who the original posters/writers......

------------------------------------------------------------------------

SCANNING CAR RACES
------------------

Going to the track soon? Take along your scanner and hear exactly what is
going on. Listen to pit crews, drivers, news media, ambulances etc.
```

Source: Popular Communications
Monitoring Times
Reprinted by: John Johnson KWV8BP

Business radio service frequencies are in heavy use, with some crews using multi channel radios. It might be a good idea to see what the search/scan feature of your unit will produce for you if you let it sift through the following bands:

151.625 to 151.955 462.550 to 462.9125
154.515 to 154.600 463.200 to 464.9875
457.5125 to 457.6125 465.6625 to 467.1875
460.6625 to 460.6875 467.550 to 467.9125
460.9125 to 462.1875 468.200 to 469.9875

Also make sure to check these frequencies:

30.84 457.60
33.14 464.50
33.40 464.55
35.02 467.75
35.04 467.775
42.98 467.80
151.625 467.825
154.57 467.85
154.60 467.875
457.55 467.90
457.575 467.925

Sanctioning organizations, such as NASCAR, USAC, CART, SCCA, etc. also have there own frequencies for on sight communications, check these following freqs.

464.500 All Pro Racing Association 464.500 SCCA Glen Region
151.625 American Motor Sports Ass. 151.625 SCCA Houston Region
469.500 American Speed Association 151.625 SCCA Land-O-Lakes Reg
154.570 Auto Race Promotions 151.625 SCCA Missouri Region
464.625 Championship Auto Racing 151.625 SCCA North Carolina
Reg
Teams F-1 151.625 SCCA Northeastern Reg
464.750 Championship Auto Racing 151.625 SCCA Northwest Region
Teams F-2 154.570 SCCA Northwest Region
464.550 Championship Auto Racing 154.600 SCCA Northwest Region
Teams F-3 462.725 SCCA Oregon Region
464.500 Championship Auto Racing 151.625 SCCA Pennsylvania Reg
Teams F-4 151.625 SCCA San Francisco Reg
154.570 International Motor Sports 151.625 SCCA South Carolina
Reg Association
151.625 SCCA Southwest
464.500 National Association of Louisiana Region
Stock Car Auto Racing 151.625 SCCA Texas Region
(NASCAR) F1 151.625 SCCA Washington state
464.550 NASCAR Used for scoring Region

464.775 NASCAR F2
464.900 NASCAR F3
467.025 NASCAR F6
469.500 NASCAR F4
151.625 National Hot Rod Assoc. 154.570 SCCA Washington state
154.570 National Hot Rod Assoc. 154.600 SCCA Washington state
154.600 National Hot Rod Assoc. 154.570 SCCA WVA Region
151.625 National Off-Road Vehicle 154.600 SCCA WVA Region
Association 151.955 Sports Car Racing Ass
151.925 National Off-Road Vehicle 463.925 Sports Car Racing Ass
Association 151.625 United Racing Club
Inc.
151.625 North American Car Club 151.655 United States Auto
Club
151.625 Professional Auto Racing 151.745 United States Auto
Club
Teams Inc.
151.625 Race Communications Assoc. 461.3125 ESPN (Cameras)
151.625 SCCA Alamo Region 152.960 ESPN (Car Mike)
151.625 SCCA Arkansas Region 466.650 ESPN (Satellite Feed)
151.625 SCCA Central Carolina Reg. 454.000 MRN Motor Racing Net.
151.625 SCCA Chicago Region
464.500 SCCA Corning (NY) Region
151.625 SCCA Dallas Region

Here is a list of frequencies believed to be in use by various NASCAR drivers

1 Brett Bodine 463.775 Bull's Chevrolet
3 Dale Earnhardt 469.015 Wrangler/Chevrolet
4 Rick Wilson 463.450 Kodak/Oldsmobile
5 Geoff Bodine 851.500 Levi/Chevrolet
854.500
6 Mark Martin 468.5625 alternates 463.925, 463.400
7 Alan Kulwicki 461.150 Zerex/Ford
8 Bobby Hillin 856.800 Miller/Buick
9 Bill Elliott 853.500 Coors/Ford
10 Ken Bouchard 468.5125
11 Terry Labonte 855.575 Budweiser/Chevrolet
855.525
12 Mike Alexander 451.900 alternates 464.3125, 469.3125
14 A.J. Foyt 456.9125 alternates 468.1875, 463.550,
463.1975
15 Ricky Rudd 464.300 Motorcraft/Ford
16 Larry Pearson 452.600 alternate 463.775
17 Darrell Waltrip 856.500 Tide/Chevrolet
21 Kyle Petty 463.4625 Citgo/Ford
463.4875
23 Eddie Bierschwale 462.675
25 Ken Schrader 856.925 alternate 851.575
25 Tim Richmond 851.575 Folgers/Chevrolet
26 Ricky Rudd 468.4875

26 Morgan Shepherd 468.4875 Quaker State/Buick
27 Rusty Wallace 463.900 Kodiak/Pontiac
28 Davey Allison 457.600 Havoline/Ford
463.700
29 Cale Yarborough 464.600 Hardee's/Oldsmobile
466.770
30 Mike Waltrip 466.300 alternate 461.300
31 Joe Ruttman 468.9375
33 Harry Grant 461.687 Skoal/Chevrolet
461.975
35 Benny Parsons 856.925 Folgers/Chevrolet
41 Joe Booher 469.975
43 Richard Petty 464.800 STP/Pontiac
44 Sterling Marlin 461.875 Piedmont/Oldsmobile
47 Morgan Sheppard 466.200
50 Greg Sacks 834.075 Valvoline/Pontiac
52 Jimmy Means 467.925 alternate 469.925, 464.400, 464.925
55 Phil Parsons 464.450 Skoal/Oldsmobile
466.476
67 Buddy Arrington 464.075 alternate 469.075
68 Derrike Cope 464.025
71 Dave Marcis 467.825 Lifebuoy/Chevrolet
75 Neil Bonnett 468.975 Valvoline/Pontiac
463.975
77 Ken Ragan 461.825 alternate 469.225
80 Jimmy Horton 463.4375
83 Lake Speed 859.825 alternate 463.775, 468.775
88 Buddy Baker 466.700 Crisco/Oldsmobile
90 Ken Schrader 467.162 Red Baron/Ford
90 Benny Parsons 467.162
92 David Sosobee 464.5625
98 Brad Nofsinger 461.525 alternate 461.450

This file was brought to you by John Johnson KWV8BP of the Hotline BBS,
give us a call, we have an entire section dedicated to Scanner & Radio
related topics..
The Hotline BBS 304-736-9169 or 304-743-7909

Misc Freqs
AVS RACING

Aerial Video Services, out of Burbank, California, is
major supplier of the in-car cameras, wireless cameras
and communications links for the television coverage of
auto racing and other sporting events. During a recent
racing series at the Texas World Speedway, AVS provided
the microwave and communications equipment for the Prime
Network television coverage of the races. I had a chance
to work with the AVS crew, and check out their radios.
If you get to attend a sporting event where wireless

cameras or mics are in use, you might check out some of these frequencies.

Let me explain a little about the equipment they are using, and what you might hear. Any time there is a wireless camera in use, they will be sending the pictures from the roving camera location to the TV remote truck on a microwave link. They may use the 2 to 2.5 gHz or 7 gHz microwave bands. In addition to pictures from the camera, there has to be voice communications to the cameraman, and sound from the announcer's microphone, who may appear on camera, and a cue channel to the announcer, so he knows when he is on the air. The communications from the TV director to the cameraman are usually referred to as the "PL". This stands for "party line", and is a two-way communications link with the director and the camera operator. It is usually set up as a low-power repeater, so you will always hear the directors calls, and the camera operators replies. The cue channel to the announcers is called the "IFB", which stands for "interrupted feed-back". This is usually the audio from the program that is being produced, along with the director or producer interrupting the program feed, in order to give cues to the announcers. This transmitter will be on as long as the TV production truck is operating.

AVS uses mostly I-COM programmable radios. Here are frequencies that are programed into the units...

Channel Frequency
1 457.525 - This ch.used for IFB 10/18,19
2 457.550
3 457.575
4 457.600
5 467.750
6 467.775
7 467.800
8 467.825 - Car camera control data
9 467.850
10 467.875
11 467.900
12 467.925 - AVS tech communications
13 467.7375
14 467.7625
15 467.7875
16 467.8125

They also have radios programed in the 450 - 455 mHz Broadcast Remote Pick-up bands. At the racing I attended they used 455.350 as the P.L. communications to the pit

camera. 450.350 was the input frequency to the repeater. Why they used the frequencies "backwards" from what the normal repeater frequency scheme would be isn't known. The car camera control data uses a 10-watt base station that transmits control tones to the cameras in the cars. You will hear a continuous carrier with DTMF (Touch-Tone) audio tones as the commands are sent. The microwaved pictures and sound from the in-car cameras are beamed up to a helicopter that has a microwave receiver on board, and then re-transmitted back down to the TV production truck on another microwave frequency. The TV truck used 123.050 to talk with the helicopter.

The wireless mics that the roving announcers may use are Sony UHF mics in the 950 mHz band. Here is the channel allocations for the USA.

Channel Frequency
11 947.250
12 948.250
13 950.250
14 951.750
15 949.000
21 947.750
22 949.750
23 950.750
24 951.250
25 948.500
31 949.250
32 948.750
33 950.000
34 951.500

Also, for you race fans who may end up at some SCCA racing events, here are some assorted track frequencies in use at the Texas World Speedway, in College Station, Texas.
151.625 - SCCA Race Control Primary
151.685 - SCCA Secondary
151.715 - SCCA
464.500 - Texas World Speedway
464.550 - Texas World Speedway

Other events could use same freqs for wireless cameras.

More Auto Racing Freqs

Victor,

Here are two list of NASCAR frequencies. I take credit for neither. The name of the author of the first listing is unknown to me. Robert Ford posted the second listing a while ago here on

USENET.

Regards,

Kevin

NASCAR frequencies 1992/1993 season listing

1 * Rick Mast 461.1625 463.8875 469.4500 464.4500
2 * Rusty Wallace 461.5870
3 * Dale Earnhardt 469.0125 464.0125
4 * Ernie Irvan 464.3000 469.3000 854.7620 856.4370
856.3620 856.1875
5 * Ricky Rudd 857.4870 851.4875 851.5000
6 * Mark Martin 460.9500 468.5625 463.4000 463.9250
7 Alan Kulwicki 461.1500 466.1500
8 * Dick Trickle 935.6500 468.9750
9 * Chad Little 853.4875 853.5000 468.9620 465.1500
10 Derrike Cope 468.5125 464.0250 851.0375
11 * Bill Elliott 855.5125 855.5625 (scram)
12 Hut Stricklin 467.5750 467.7250
15 Geoff Bodine 457.5250
16 * Wally Dallenbach 468.4500
17 Darrell Waltrip 469.3120 468.7620 467.8750 469.1250
18 * Dale Jarrett 466.0125
21 Morgan Shepherd 855.2875 855.0375 856.7375 854.7875
22 * Sterling Marlin 855.5625 857.8375 466.7000 461.8750
25 * Ken Schrader 851.5625 856.9125 856.9250 851.5750
26 * Brett Bodine 460.5875 468.4875
28 * Davey Allison 461.3125 457.6000
30 Michael Waltrip 853.0125 855.3125 853.8875 466.3000
461.3000
33 Harry Gant 463.3125 468.7750
41 Dave Marcus 462.5500 461.2250 461.2125
42 Kyle Petty 852.0375 853.0125 851.9125 857.3125
43 Richard Petty 865.6625 865.6375 865.6125 865.7125
852.0875
52 * Jimmy Means 467.9250 469.9250 464.4000 464.9250
55 * Ted Musgrave 465.6875 468.3500 466.4250 463.2250
66 Jimmy Hensley 464.6000 469.6000
68 * Bobby Hamilton 467.0000 464.0250
71 * Jim Sauter 467.5625
94 * Terry Labonte 857.8375 857.8500

The #11 was scrambled and sounded like simple speech inversion.

NASCAR CH 1 - 464.500 CH 7 - 467.800
CH 2 - 464.775 CH 8 - 467.025
CH 3 - 464.900 CH 9 - 468.325 * NASCAR normally uses 3 of
CH 4 - 469.500 CH10 - 469.075 the first 5 channels in the

CH 5 - 462.025 CH11 - 466.937 left column during the race.
CH 6 - 463.850 CH12 - 468.475

SCORING - 468.825

MRN 454.000 450.800 * The first channel is used
450.850 464.800 for a satellite feed.

TNN 450.1625
450.2875
450.5375

ESPN 450.250 471.950
450.350 462.575
462.550 462.625
464.500 467.325
467.250 152.960
466.650 151.775
461.3125 450.450
450.050 492.887
462.650

Winston Cup Scene 468.650 465.9625

Inside Winston Cup 463.2625

Note: If whoever is covering the race is not on the above frequencies,
try using the search function on your scanner between 450.00 and 470.00
at air time.

Frequencies in the 450-470 MHz range are usually paired in the
following way:

o channels between 450-455 MHz are paired with channels 5 MHz
higher (455-460 MHz).

o channels between 460-465 MHz are paired with channels 5 MHz
higher (465-470 MHz).

To save on space, only one half of the frequency pair is listed.
So, if a station is listed on 461.300 MHz, try listening on
466.300 MHz also.

The following is a copy of a frequency list sold at the NASCAR race
this past week in New Hamshire (I think that is where it was; my sister
and brother-in-law attended and borrowed my scanner.)

I have no idea of the validity of the list for the race since I wasn't there
and suspect most of the frequencies will change by the next race. But,
here goes anyways.

Winston Cup Series

Car Driver Frequencies
--- ------ -----------
1 Rick Mast 461.1625 463.8875
2 Rusty Wallace 463.450 466.5625
3 Dale Earnhardt 469.0125
4 Ernie Irvan 464.300
5 Ricky Rudd 468.2125 468.2425 469.375
6 Mark Martin 460.950
7 Jimmy Hansley 466.475 467.075
8 Sterling Marlin 465.8875
9 P.J. Jones 853.4875 Practice - 465.000
11 Bill Elliott 855.5125
12 Jimmy Spencer 467.575 467.725
14 Terry Labonte 857.8375
15 Geoff Bodine 457.525
16 Wally Dallenbach 468.450
17 Darrell Waltrip 468.7625 469.3125
18 Dale Jarrett 466.0125 467.7625
20 Bobby Hamilton 466.275
21 Morgan Shepherd 855.2875 854.7875 855.0375
22 Bobby Labonte 468.9375
24 Jeff Gordon 467.0625
25 Ken Schrader 466.7875
26 Brett Bodine 460.5875
27 Hut Stricklin 855.5625
28 Davey Allison 466.950 461.3125
30 Michael Waltrip 466.300 853.8875
32 Jimmy Horton 462.7125
33 Harry Grant 468.775
40 Kenny Wallace 852.0375 852.4125 855.7375
854.2625 853.1625 851.6625
853.2625 851.0375
41 Phil Parsons 461.2125
42 Kyle Petty 852.0375 852.4125 855.7375
854.2625 853.1625 851.6625
853.2625 851.0375
44 Rick Wilson 852.1875 852.0875
45 Rick Bickle, Jr. 463.7375
49 ????? Smith 469.6375 469.6125
51 Jeff Purvis 468.325
52 Jimmy Means 467.925
55 Ted Musgrave 465.6875
68 Greg Sacks 467.000 464.025
71 Dave Marcis 467.5625
73 Phil Barkdoll 467.825 467.775
75 Dick Trickle 468.975
77 Mike Potter 464.425
82 Mark Stahl 461.825
83 Lake Speed 859.8125
89 Jim Sauter 464.9625
90 Bobby Hillin 467.1625

95 Ken Ragan 461.825
98 Derrike Cope 468.725 469.150
0 Delma Cowart 460.6875
03 Kerry Teague 468.8125

Officials, Radio, and TV Networks

NASCAR Ch. 1 464.500
NASCAR Ch. 2 464.775
NASCAR Ch. 3 464.900
NASCAR Ch. 6 463.850
NASCAR 467.800
NASCAR 468.325
NASCAR (timing&scoring) 463.650
MRN Radio 454.000
ESPN TV 450.250
ESPN TV 450.350
WTBS TV 455.5875
CBS TV 153.290
Winston Cup Scene 465.9625
Inside Winston Cup 463.2625
Capital Sports Radio 450.250
ABC Television 455.1125
TNN 450.5875
PRN (Charlotte) 450.850
Hoosier Tire Co. 464.9625
IROC 461.6625 641.0625

Well, in none of these frequencies are in use when you need them, there
are clearly two places to use your search feature:

1) 460-470
2) 850-856

This should uncover just about anything you are looking for.

--
Carter G. Booth
boothc@kenyon.edu

3635. State Police Extender Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-11 04:00:06 UTC
From: kspain@huey.cc.utexas.edu
Message-ID: <2qpl87$if0@huey.cc.utexas.edu>
Source record: 274482

Anyone happen to have a current listing of all state police handheld extender frequencies (the ones used to xmit from the patrol cars to the portable units). I've got a listing from '90, but it isn't nearly complete and I'm pretty sure some have changed by now.

Is there a publication that might contain the info?

Many thanks.

Kevin

3636. MOD & STEP SIZE

Newsgroup: rec.radio.scanner
Date: 1994-05-11 04:43:39 UTC
From: bo4373ch@meteor.uscolo.edu
Message-ID: <9405110444.AA25113@meteor.uscolo.edu>
Source record: 274483

Does the PRO-43 has a "hidden" step size like the BC-2500 or PRO-2006 for the cellular frequencies ? Or is the 12.5 the only step size ?

3637. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-11 04:48:32 UTC
From: karlm@rci.ripco.com
Message-ID: <CpMG0x.Kr8@rci.ripco.com>
Source record: 274489

RS PRO-2006 (rats@cbnewsc.cb.att.com) wrote:

: According to a LESCOMM brochere received Saturday, the new PRO-2006A
: scanners have a different microprocesser IC with different pinouts
: from the IC in the 2006, and there is no diode to be had for cutting
: to rcv out-of-spec frequency. So, Rat Shack has killed off a major
: reason to purchase their once-great PRO-2006 series scanner. Let's
: hope that Rat Shack's next super base scanner will be PRO-43 style
: which will be modifiable by relatively unskilled folks...

That's why they had to change the 2006. It was too easy to modify. I have an older one that has been modified and you want to know what? After about a week I got tired of.....well.....you know ;-) and haven't done it since. The unmodified one would be just as good a radio. I'm not wild about the legislation that created the need to redesign the 2006 in the first place but it's not as big a deal as people make it out to be.

3638. Tour DuPont Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-11 05:55:03 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2qprvn$nlh@samba.oit.unc.edu>
Source record: 274485
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Just had the Tour DuPont finish here in Blacksburg, Virginia, today.
While intending to just listen to local PD reports and glean what I could,
a very nice press guy walked up to me and asked if I had the freqs.

Since I didn't, he gave them to me: there are 6 primary control
frequencies for the control center, and some other units share the freqs
(I hear reports going out in French and another language or two). The
distances are reported periodically as to whwere they are WRT the finish,
time elapsed, etc., and there's enough info talked about to determine
where they are.

Some, if not all these, are repeaterized. There is one airplane which
chases the race: it has the primary repeater. Also, when it goes down for
the day, or isn't there for some reason, at least one of the two "press"
helicopters which travel with the race also has a repeater.

Without further ado:
461.0000
462.2000
463.3250
464.5000
464.6250
450.4125

Also, interesting sidenote: one of my roommates works with the Virginia
Tech Solaray (solar-powered vehicle), and they have two-ways to talk
between crews, etc. They were using them today to talk back and forth
while watching the race, and they found that ESPN control for cameras
shared the same frequency as one of their channels on the two-ways. I
don't know what it is, but they were tempted to break in every now and
then... ;-)

Sherrod

--

\ The above does not represent OIT, UNC-CH, laUNChpad, or its other users. /

3639. Re: Pro-46 Deep-Sixed Already!

Newsgroup: rec.radio.scanner
Date: 1994-05-11 06:16:07 UTC
From: djc@terapin.com
Message-ID: <djc.4d9n@terapin.com>
Source record: 274488

Congratulations Rachel on becoming hooked to the scanning hobby. I enjoyed your article and hope your boy friend will become hooked as well but don't hope that you will fight with him over the scanner <chuckle>

djc@terapin.com Out!

3640. BC100XLT mods going to ftp soon

Newsgroup: rec.radio.scanner
Date: 1994-05-11 07:25:20 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2qq190$oc1@samba.oit.unc.edu>
Source record: 274486
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I have completed a listing of mods that I know of for the Uniden Bearcat model 100XLT, and will be placing it on the ftp servers soon. This scanner is very similar, if not almost identical internally to the Pro-35 from a few years ago, so the information contained therein might be accurate for that scanner as well. Nothing is guaranteed, since I've never worked with the Pro-35.

Two mods are missing from the file: the AM/FM mod (Can't find it in my archives), and the battery mod (it's identical to the BC200XLT battery mod and is not replicated again). All others I've done or know about are contained: if anyone has anything to add, please drop me a line.

Sherrod

--

\ The above does not represent OIT, UNC-CH, laUNChpad, or its other users. /

3641. Re: Scanning Trunked Syst

Newsgroup: rec.radio.scanner
Date: 1994-05-11 07:27:23 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994May11.022723.1@uoft02.utoledo.edu>
Source record: 274487

> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>> Rickey.Stein@illusion.metronj.org (Rickey Stein) writes:
>
>>It may be advantageous to program the input frequencies of the trunk
>>into your radio. This will allow you to track the handoff easier
>>especially in larger systems or in systems with anti-scanner tones or
>>buzzes. You do have to be close to the transmitting unit but it has
>>worked well for a number of monitors. You can always use a combination
>>of both input and output freqs to try to follow the movement.
>
> Can you explain why monitoring the inputs might make it easier to monitor the
> handoffs (say for a Moto system)? It seems like it wouldn't make much
> difference. The input freqs are going to change the same as the repeater
> output freqs (inputs will just be 45MHz lower). Is it just because of signal
> strength reasons?

I sometimes just listen to the inputs when I only want to hear action in my
area, instead of the entire city. Yes, I know I won't hear the dispatchers,
but if its worth listening, there will be alot of transmissions by the
mobiles/portables, which at that point, I can turn on the bank with the
repeaters.

--
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

3642. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-11 07:46:26 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.39.0007C665@cornell.edu>
Source record: 274490

>According to a LESCOMM brochere received Saturday, the new PRO-2006A
>scanners have a different microprocesser IC with different pinouts
>from the IC in the 2006, and there is no diode to be had for cutting
>to rcv out-of-spec frequency. So, Rat Shack has killed off a major
>reason to purchase their once-great PRO-2006 series scanner. Let's
>hope that Rat Shack's next super base scanner will be PRO-43 style
>which will be modifiable by relatively unskilled folks...

Maybe I am wrong here but considering how much crap there is in cphone as
opposed to real interesting stuff on the rest of the freq ranges, I could
hardly consider the availibility of unlocking the cphone range to be a "
major" reason for choosing the Pro 2006. This is one damn fine radio folks.
I sure would like to think that your priorities are such that you would
spend $350-$400 to listen to cphone? I hate to flame but get a grip!
Carl (EX-Jarhead)
"To those who have fought for it, freedom has a flavor the
protected will never know"

```
SSSSS EEEEE MM MM PPPPPP EEEEE RRRRR
S E M M M M P P E R R
SSSSS EE M M M PPPPPP EEE RRRR
S E M M P E R R
SSSSS EEEEE M M P EEEEE R R

FFFFF IIIII
F I
FFF I
F I
F IIIII
```

3643. BC 200XLT(N/\h0)

Newsgroup: rec.radio.scanner
Date: 1994-05-11 13:10:37 UTC
From: fkilpatr@afit.af.mil
Message-ID: <fkilpatr.768661837@afit.af.mil>
Source record: 274492

Does anyone have any observations/experience on the BC 200XLT?
Thanks!

Alex
--
Alex Kilpatrick fkilpatr@afit.af.mil
"If a kid asks where rain comes from, I think a cute thing to tell him is 'God is crying.' And if he asks why God is crying, another cute thing to tell him is 'Probably because of something you did.' -- Jack Handey

3644. Re: MOD & STEP SIZE

Newsgroup: rec.radio.scanner
Date: 1994-05-11 13:10:44 UTC
From: schuster@panix.com
Message-ID: <2qqlgk$jru@panix2.panix.com>
Source record: 274491

In article <9405110444.AA25113@meteor.uscolo.edu>,
<bo4373ch@meteor.uscolo.edu> wrote:
>
> Does the PRO-43 has a "hidden" step size like the BC-2500 or PRO-2006 for
>the cellular frequencies ? Or is the 12.5 the only step size ?

The North American version will step at 30 KHz when the cell freq block is
removed.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3645. Re: Where is scanning illegal? - Survey

Newsgroup: rec.radio.scanner
Date: 1994-05-11 14:12:08 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2qqp3o$4gb@dancer.cc.bellcore.com>
Source record: 274502
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <1994May10.154405.20943@wdl.loral.com>,
Harry Salvini <salvini@wdl.loral.com> wrote:
>I am compiling a list of state/municipalities that "claim" scanners
>are illegal.
>
>What I need is (an example - not true)
>
>City: Nowhere
>State: No State
>Scanners are ok in home not in car.

>or

>County: Boonies
>State: South Place
>Scanners are banned totally.
>
>Harry
>salvini@wdl.loral.com

Harry,

I believe someone has already put together such a list and includes
it in the FAQ associated with the rec.radio.scanner newsgroup.

However, here's what I know from the 1991 "Listener's Lawbook"
with some changes since then:

Outright bans on monitoring (possession of scanners) in automobiles:

Florida*
Indiana
Kentucky*
Michigan
Minnesota
New York

Florida also bans scanners in any business establishment

Indiana bans portable scanners anywhere except at home or place of
business with some additional specific "exceptions" also allowed,
but none that would apply to the typical scanner "enthusiast"

Kentucky bans scanners everywhere except the place of residence.

Note, that the laws usually do not use the word scanner, but refer
to radio receiving equipment which includes scanners. All

the states listed above provide exemptions to amateur radio
license holders, although Michigan does not include an
amateur operator with a Novice license in that states
exemption.

In contrast several states prohibit the improper use of information
heard, but do not prohibit the equipment and or the actual listening
to police frequencies. They are:

California
Minnesota
Nebraska
New Jersey*
New York
Oklahoma
Vermont
West Virginia

The New Jersey law was changed in 1992 to allow scanners, but
prohibit improper use of information heard.

Note that NY and MN are on both lists.

Hope this helps get you started, and the important contribution you
can make to this information would be identifying those political
entities at lower than a state level (i.e. counties, cities, towns,
etc.) which might have any type of prohibition.

By the way, the author of the Listeners Lawbook is an attorney
and a ham, Frank Terranella. His email address is (was??)
75006.2317@compuserve.com

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

3646. Re: cordless phone

Newsgroup: rec.radio.scanner
Date: 1994-05-11 14:20:32 UTC
From: jkearman@arrl.org
Message-ID: <1994May11.142032.16230@arrl.org>
Source record: 274498

Patrick W. P. Dirks (pwd@apple.com) wrote:
: > > In article <2pm41g$muh@cutter.clas.ufl.edu>, sjh@math.ufl.edu (Steven J.
: > > Horn) wrote:
: > > >
: > > > Our neighbors monitor our cordless phone conversation
: > > > and I would like to know what is a good cordless phone
: > > > which would prevent this - preferably something under
: > > > $200. Please e-mail me at sjh@math.ufl.edu
: > > >
: >
: Once again, Motorola's "Secure Clear" technology (I believe that's what
: they call it) is just simple frequency inversion. Radio Shack, among many
: others, sells a box that will flip the frequencies back to their
: appropriate bands; an easy and inexpensive scanner add-on. I wouldn't
: count on it to provide any real security, although I suppose it might deter
: "casual listeners" (you decide what fraction that is!).

: Hope this helps,
: -Patrick Penzias Dirks.

Please give us the Radio Shack model number of this device. I
can't find it in the catalog and no one at the store knows
about it. (The store I go to is managed by a scanner freak, too.)

Good listening.

Jim
a

3647. Yellowstone Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-05-11 14:58:49 UTC
From: jstutts@dante.exide.com
Message-ID: <2qqrr9$549@dante.exide.com>
Source record: 274493

I'm going to Yellowstone National Park next week, and I'm in need of frequenciesfor the park (and surrounding areas). Anyone have a list or know where I could ftp one? Thanks in advance!!!

Jim Stutts jstutts@exide.com

D
D
ZZ

D
A

3648. Re: MOD & STEP SIZE

Newsgroup: rec.radio.scanner
Date: 1994-05-11 15:03:24 UTC
From: horak@convex.com
Message-ID: <horak.768668604@convex.com>
Source record: 274494

In <9405110444.AA25113@meteor.uscolo.edu> bo4373ch@meteor.uscolo.edu writes:

>
> Does the PRO-43 has a "hidden" step size like the BC-2500 or PRO-2006 for
>the cellular frequencies ? Or is the 12.5 the only step size ?

It defaults to 30 KHz in the cell band.

David

3649. How to get pro2006 to get into 30KHz step??

Newsgroup: rec.radio.scanner
Date: 1994-05-11 15:27:53 UTC
From: jtg0707@uxa.cso.uiuc.edu
Message-ID: <2qqthp$t52@vixen.cso.uiuc.edu>
Source record: 274495

Hello.

Does anyone know how to get pro2006 into 30KHz steps once your are
out of it?

In other words, if you push the step button to change the step
size to something other than the default 30Khz, how do I get it
back to 30Khz step again? The scanner remembers the settings, so
turning on and off the scanner does not help.

Thanks.
Joe jtg0707@uxa.cso.uiuc.edu
.

3650. Re: BEYOND POLICE CALL is out!

Newsgroup: rec.radio.scanner
Date: 1994-05-11 15:37:06 UTC
From: netzel@neon.afsac.wpafb.af.mil
Message-ID: <netzel.768670626@neon.afsac.wpafb.af.mil>
Source record: 274511

berling@alleg.edu (Gordon Berlin) writes:

> I haven't seen anyone else post this, but surely someone knows
>
>that the Beyond Police Call has been printed and is out. Got mine last night (9.95 + tax) and one volume covers entire country. Salesman at RS said that his store got them in on 5/3. If Meadville has 'em, someone else has to.
> After perus
>
>ing and checking several frequencies, it seems that the freq. data is not up to date or is incomplete. The main frequencies for Hersheypark aren't even listed, and the two that are posted are low-power, non-repeater stations. Who knows what's going on
-- perhaps that's why they encourage you to write.
> Overall, is interesting and full of "fun" frequencies. Ample listing of utility companies and schools (college security). I'd have to say that it was probably a decent buy.
> Anyone else have comments?

...once you've used the FCC microfich or the FCC database (not the stuff compiled by Bearcat or Police Call) you will realize that their updated books are only updated by whoever calls in the new stuff. At the Hamvention in Dayton this past April, I had occasion to stop by the Bearcat booth and they were demonstrating their new scanner frequency database which was the "latest" edition. I entered Troy, Ohio and the frequencies that popped up had been extinct for at least 3 years since they went to a trunked 800mhz system in 1990. I informed the salesperson that I was mildly ammused that they were not up to date and was informed that the county printout had the trunked freq's listed, however, try as they might, they couldn't bring up the county (Miami) freqs.....The FCC records are the most up to date however they are more expensive. I would expect once the Library of Congress (marvel.loc.gov) gets up to speed, the FCC section will contain frequency listings, right now they don't, but except for the Federal Gov't Allocations it is public record. Incidently all the federal agencies including Military are part of the master FCC index but are considered "CONFIDENTIAL" information and not releaseable to the public, yes all federal and military must submit registration information for any frequencies they use and the location.....

Fred

>Gordon
>"Just one week of school -- YEA!"
>--
>Gordon Berlin berling@alleg.edu

>Hershey Vol. Fire Co. Allegheny College
>Hersheypark Safety and Security Meadville, PA
>Hershey, PA
>"Chocolatetown, U.S.A."
>"Yes, ma'am, that really is the smell of chocolate in the air."

3651. Re: How to get pro2006 to get into 30KHz step??

Newsgroup: rec.radio.scanner
Date: 1994-05-11 15:55:31 UTC
From: horak@convex.com
Message-ID: <horak.768671731@convex.com>
Source record: 274496

In <2qqthp$t52@vixen.cso.uiuc.edu> jtg0707@uxa.cso.uiuc.edu (Jui Tien) writes:

>Does anyone know how to get pro2006 into 30KHz steps once your are
>out of it?

>In other words, if you push the step button to change the step
>size to something other than the default 30Khz, how do I get it
>back to 30Khz step again? The scanner remembers the settings, so
>turning on and off the scanner does not help.

Hit the reset button. As long as you are in the cell band, it will
default you back into 30 KHz steps.

David

3652. Re: MOD & STEP SIZE

Newsgroup: rec.radio.scanner
Date: 1994-05-11 16:59:50 UTC
From: thomas@venice.sedd.trw.com
Message-ID: <1994May11.165950.395@venice.sedd.trw.com>
Source record: 274499

In article <9405110444.AA25113@meteor.uscolo.edu> bo4373ch@meteor.uscolo.edu writes:
>
> Does the PRO-43 has a "hidden" step size like the BC-2500 or PRO-2006 for
>the cellular frequencies ? Or is the 12.5 the only step size ?
>
>

The 30kHz step size is available in the Pro-43 in the ranges in which
it's useful :-).

Rob

3653. cordless phone

Newsgroup: rec.radio.scanner
Date: 1994-05-11 17:02:00 UTC
From: mike.moffit@totembbs.com
Message-ID: <940513031433467@totembbs.com>
Source record: 274497

SJH>Our neighbors monitor our cordless phone conversation
>and I would like to know what is a good cordless phone
>which would prevent this - preferably something under
>$200. Please e-mail me at sjh@math.ufl.edu

Radio Shack has a cordless phone that scrambles the conversation between the base and handset...I've tried it and it works...you simply cannot understand the conversation on a scanner. It runs about $150.00.

 SLMR 2.1a You, you and you...panic. Everyone else, come with me.

3654. Re: cordless phone

Newsgroup: rec.radio.scanner
Date: 1994-05-11 17:40:31 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2qr5af$2sf@bigfoot.wustl.edu>
Source record: 274501

Jim Kearman (KR1S) (jkearman@arrl.org) wrote:
: Patrick W. P. Dirks (pwd@apple.com) wrote:
: : Once again, Motorola's "Secure Clear" technology (I believe that's what
: : they call it) is just simple frequency inversion. Radio Shack, among many
: : others, sells a box that will flip the frequencies back to their
: : appropriate bands; an easy and inexpensive scanner add-on. I wouldn't

: Please give us the Radio Shack model number of this device. I
: can't find it in the catalog and no one at the store knows
: about it. (The store I go to is managed by a scanner freak, too.)

I was looking for this too and haven't been able to find it either. . .
I kind of doubt that RS would sell a box decoding their own "secure" phone!
I know that Grove sells it (by hearsay).

--jesse

3655. Re: cordless phone

Newsgroup: rec.radio.scanner
Date: 1994-05-11 19:37:08 UTC
From: horak@convex.com
Message-ID: <horak.768685028@convex.com>
Source record: 274506

In <2qr5af$2sf@bigfoot.wustl.edu> jlw3@cec3.wustl.edu (Jesse L Wei) writes:

>Jim Kearman (KR1S) (jkearman@arrl.org) wrote:
>: Patrick W. P. Dirks (pwd@apple.com) wrote:
>: : Once again, Motorola's "Secure Clear" technology (I believe that's what
>: : they call it) is just simple frequency inversion. Radio Shack, among many
>: : others, sells a box that will flip the frequencies back to their
>: : appropriate bands; an easy and inexpensive scanner add-on. I wouldn't

>: Please give us the Radio Shack model number of this device. I
>: can't find it in the catalog and no one at the store knows
>: about it. (The store I go to is managed by a scanner freak, too.)

>I was looking for this too and haven't been able to find it either. . .
>I kind of doubt that RS would sell a box decoding their own "secure" phone!
>I know that Grove sells it (by hearsay).

Neither R/S or Grove sell a device that descrambles voice inversion.
The cheapest place I know of is Ramsey, where you can buy the kit and
build it yourself. I bought one where I had to make several modifications
to get it to work and there is still an annoying 3KHz whine. I hear that
they have a newer model out but I remain skeptical about its quality.

David

3656. Re: Pro46 deep sixed already?

Newsgroup: rec.radio.scanner
Date: 1994-05-11 20:29:42 UTC
From: veith@cherokee.nsuok.edu
Message-ID: <1994May11.202942.27511@cherokee.nsuok.edu>
Source record: 274507

>Here's my pro-46 story...

>My boyfriend's birthday was last Saturday, and I couldn't decide what to
>get him. (A tie? Of course not. Something engraved? Already done that. A
>new hi-tech toy? He already has them all... except!! The logic was clear!)

...Much enjoyable text deleted...

>So, I wrapped it up, gave it to my boyfriend, and now play with it twenty
>four hours a day (not to worry, I let him play with it a few minutes each
>day while I'm in the shower :-). I'm hooked! (Is there a twelve step program
>for this?)

>Since I really know nothing about scanners, my opinion is meaningless, but
>nevertheless, I really like it, I'm even getting used to its "ugliness"! So
>now I'm reading this newsgroup, ftp'ing to get more scanner info, looking
>for good "starter" books, thinking about buying my own (and letting him
>have his back :-))and then figuering out how to do "mod's" so I can get
>the missing 800 frequencies!!!

>Anyway, just my contribution to wasted bandwidth...

>--Rachel

Thanks for your reply, Rachel. It made my day. You have a
deliscious wit.

A good place to start for more RADIO scanner info is "Police Call"
which is available back at your friendly Rat Shack.

Tom Kneitel (sp?) wrote a registry of "secret" government
frequencies which is available, among other places, from Grove.
They have an 800 # which I don't remember currently but you
can get it from 1-800-555-1212.

ftp.funet.fi contains a number of scanner and shortwave archives.

For mods oak.oakland.edu is a good source, however they don't
have the Pro-46 mods. A gent was kind enough to send them along
to me. If you want just drop me an e-mail and I'll be glad
to forward it to you. A warning though: While the '46 is
able to be modified to receive cellular, it is not a simple
"clip the diode" process. It involves desoldering and resoldering
surface mount components. It is best accomplished by someone
with a bit of experience in that area.

Best regards,
Charles veith@cherokee.nsuok.edu

3657. Pro-34 mod messed up

Newsgroup: rec.radio.scanner
Date: 1994-05-11 21:39:06 UTC
From: lionel@Hawaii.Edu
Message-ID: <Cpnqt6.LDr@news.Hawaii.Edu>
Source record: 274443

Can anyone help me. I removed D-11 from my friends Pro-34 scanner and it messed up. I could scan 800MHz, but some keys didn't work. Some of the functions were screwed up, too. I resoldered D-11 and everything works fine again. I've done the mod for the Pro-39 and Pro-43 with no problems, but this is unusual.

3658. Wanted Cellular Frequency List

Newsgroup: rec.radio.scanner
Date: 1994-05-11 22:45:25 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May11.224525.11907@hpcvaac.cv.hp.com>
Source record: 274510

I know that there have been many requests for the cellular frequency list.
Unfortunately, I cannot ftp from my system, so cannot go searching for it.

Would someone be nice and send me the list by e-mail. No need to clutter
up the group - unless other people need the list also.

Thanks.

Bill

3659. Re: Pro-46 Deep-Sixed Already!

Newsgroup: rec.radio.scanner
Date: 1994-05-11 22:54:20 UTC
From: rschmelt@willamette.edu
Message-ID: <CpnuAM.wu@willamette.edu>
Source record: 274432

I have a Pro-46 and it picks up some cellular bands unmodified. When you say it can be modified, is that so it picks up everything from 806-956mhz? There is a gap in there, I just don't have it memorized.

--
\\\
Robert Schmeltzer ^^^^ "I hear a solo and I think of a duet."
rschmelt@willamette.edu ^^^^ -Fabio, from his CD, "After Dark"

3660. Re: Info on new Opto 456 Pro2006 controller

Newsgroup: rec.radio.scanner
Date: 1994-05-11 23:43:36 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.204.0017BAC4@ccm.hf.intel.com>
Source record: 274500

In article <2qpeli$3mp@nwfocus.wa.com> dan@chinook.halcyon.com (Dan Lawrence) writes:

>In article <brett_miller.201.00144A2F@ccm.hf.intel.com>,
>>The real beauty of this new unit is that it takes over the microprocessor and
>>does not use any of its internal programming. So even if cellular is factory
>>blocked and unrestorable, the Opto board can tune anywhere it wants (including
>>cellular). Only the 2004 is not supported at this time. It should work with
>>the 2005, 2006, 2006A and soon-to-be-released 2006B.

>I have a 2004. Any word what is different about the 2004 from the 2005
>and 2006? Any hope of seeing a 2004 version?
>--

I don't think so. I assume they have different (i.e. noncompatible)
microprocessors or control lines to control the rf sections. Obviously Opto
wants to hit the biggest market share.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3661. Re: BC 200XLT(N/\h0)

Newsgroup: rec.radio.scanner
Date: 1994-05-12 00:18:00 UTC
From: jwa@pine.cse.nau.edu
Message-ID: <Cpny61.B2u@rainbow.cse.nau.edu>
Source record: 274513

In article <fkilpatr.768661837@afit.af.mil> fkilpatr@afit.af.mil (Freeman A. Kilpatrick) writes:
>Does anyone have any observations/experience on the BC 200XLT?
>Thanks!

I have one, and I like it :-)

The cellular mod is pretty easy to perform, I get pretty good coverage
of interesting bands, and it looks cool. What more can you ask for? :-)

[A computer interface, for one :-]

James

--
James Abendschan <jwa@nau.edu> "..but I must be gone by the seventh day."

3662. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-12 00:27:38 UTC
From: rpetteng@pipeline.com
Message-ID: <2qrt5q$a3g@pipeline.com>
Source record: 274514

jerry@hnrc.tufts.edu (Jerry Dallal) wrote:

>That's just what the ECPA says "no can do". However,
>because the PRO-43 can't be easily modified by the end
>user, RS can keep importing them and selling them.

Not true. Regardless of what Monitoring Times reported, by FCC defintion the PRO-43 _is_ easily modifiable by the end user. So, once the current stock of PRO-43's is sold out Radio Shack will be either replacing it with an entirely new cellular-nonrestorable model or eliminating the diode and controlling frequency coverage thru the microprocessor (as they'll be doing with the PRO-2006).

Roger Pettengill - rpetteng@pipeline.com

3663. Re: Now the April 26 has come and gone

Newsgroup: rec.radio.scanner
Date: 1994-05-12 00:27:38 UTC
From: rpetteng@pipeline.com
Message-ID: <2qrt5q$a3i@pipeline.com>
Source record: 274515

David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) wrote:

>>The popular Realistic PRO-2006 scanner
>>has become the cellular-unrestorable
>>PRO-2006A,
>
>That particular bit is wrong. The PRO-2006A has
>been on the market for almost 2 years. The only
>difference between it and the original '2006 non-A is
>that the newer model has an on-off switch for the
>display backlight instead of a dimmer switch. No
>other changes were made.

No where in their manuals, catalogs, invoices, etc does Radio Shack refer to the 2006 with the display on-off switch as the PRO-2006A. 2006A is an unofficial designation created by the hobby community to identify post dimmer switch models.

Because the on-off display switch was such a minor change in the design RS added the "A" designation to the catalog number only (cat. #20-145 for the dimmer switch model; 20-145A for the on-off switch model). The model number itself has always been PRO-2006.

Roger Pettengill - rpetteng@pipeline.com

3664. Re: Beyond P.C. Question

Newsgroup: rec.radio.scanner
Date: 1994-05-12 01:51:25 UTC
From: grady@netcom.com
Message-ID: <gradyCpo2Hp.198@netcom.com>
Source record: 274519

James M. Ziogas (jimz@infinet.com) wrote:
: I just bought Beyon Police Call today, and in the back it lists a lot of
: racing frequencies that several people have asked for lately.

: This brings up a question: Is it ok for me to transcribe these freqs on
: here? I don't want to break any copyright laws, but I find it hard to
: believe that you can copyright frequencies. Is it ok?

Just make sure you just copy the minimum set of facts without *any*
of what makes BPC special; copyright can extend to organization and
selection, so make sure you filter out special abbreviations, sort
orders, number of tabs, etc.

I am not a a lawyer, but deal with this problem everyday.

--
Grady Ward +1 707 826 7715 grady@netcom.com

3665. Scanner vs. CB antenna question...

Newsgroup: rec.radio.scanner
Date: 1994-05-12 01:54:50 UTC
From: Dave Shaffer <DCS4@psuvm.psu.edu>
Message-ID: <94131.215450DCS4@psuvm.psu.edu>
Source record: 274516

Here is a question for the techies out there. I had a perfectly good Rat Shack cellular look-alike scanner antenna on the rear window of my car. I was reasonably pleased with the reception I was getting... but I broke the base of the antenna at the car wash. Obviously, I could replace it with a similar antenna or some other scanner antenna. But before I do that, here's the question...

I have a perfectly good CB antenna -- a magnetic mount device -- in my garage that hasn't been doing anything useful for a long time. Is there any modification that could make it useful for the scanner?

I do have a CB antenna -- another magnetic mount -- that I still use every so often with an old CB radio in my car. I tried patching the scanner onto that antenna with interesting results. It seemed to be quite good and vhf-lo and uhf, but not good at all at vhf-hi frequencies. In addition, I tried mounting the Rat Shack antenna mast in the expendable CB antenna base and using that for an external antenna, and it seems to be good at vhf-hi but not much else.

Aside from just experimenting with height, the old cb mast, etc., is there anyone out there with advice on the compatibility of the cb antenna (or base with the scanner mast) for continued use with the scanner? To be honest, this is sort of fun just as an experiment...but I suspect that the components of the old CB antenna base may make it difficult to document just what I could do to increase performance with my homebrew antenna. I'm open to suggestions...

- Dave

3666. rca non-laser video discs

Newsgroup: rec.radio.scanner
Date: 1994-05-12 02:48:43 UTC
From: hemmings@Milori.CCIT.Arizona.EDU
Message-ID: <0097E48F.36C0F0E8@Milori.CCIT.Arizona.EDU>
Source record: 274520

regarding:

-> Newsgroups: rec.collecting
-> From: Tom Howe <howet@ohsu.edu>
-> Subject: RCA VideoDiscs Wanted
-> Message-ID: <1994May12.004948.10954@ohsu.edu>
-> Organization: OHSU
-> Date: Thu, 12 May 1994 00:49:48 GMT
->
-> I am looking to purchase RCA VideoDiscs

there was quite a discusion of these things on: alt.video.laserdisc
about a month ago; several other collectors also were looking to do
some trading.......

3667. National Scanning Report

Newsgroup: rec.radio.scanner
Date: 1994-05-12 02:58:04 UTC
From: jay3475@aol.com
Message-ID: <2qs5vs$6rv@search01.news.aol.com>
Source record: 274518

There was supposed to be a review of scanning software in the Feb or March National Scanning Report. I wrote one of the programs which was being reviewed. I never got to see the review. If anyone has it I would love to know what they said about Scanner Bank manager.

Thanks

Jay

3668. Pro 2006 Purchase!

Newsgroup: rec.radio.scanner
Date: 1994-05-12 03:04:10 UTC
From: bobwx1@nbnet.nb.ca
Message-ID: <bobwx1.7.0@nbnet.nb.ca>
Source record: 274517

Hi all,

Well I have finally decided to buy the pro 2006 this Friday. The last thing I need to know is how I can tell if it is still modifiable. I am in Canada buy the way. I have read that I should look for an "A" and the end of the serial number. If it is a "B", it is no longer modifiable. Do I have it straight???? Has anyone in Canada bought a pro 2006 since the ban in the US? Anyway, thanks for the help in advance.

Bob Robichaud
bobwx1@nbnet.nb.ca

3669. Re: BC 200XLT(N/\h0)

Newsgroup: rec.radio.scanner
Date: 1994-05-12 03:48:01 UTC
From: msaran@pt.olympus.net
Message-ID: <2qs8th$l3@olympus.net>
Source record: 274425

Many scanners have come and gone in my life since I got my 200XLT. It's still one of the best portables around. It has the basic scanner coverage + 800. What I like most about it is it's priority function. The first ch. of each bank (1, 21, 41, 61,... 181) is a priority and with ch. 1 being highest and 181 being the lowest. It never leaves my car - the best for the road that I have found.

--

Mark Saran
msaran@olympus.net

3670. Re: BEYOND POLICE CALL is out!

Newsgroup: rec.radio.scanner
Date: 1994-05-12 04:14:07 UTC
From: stephenx1@aol.com
Message-ID: <2qsaef$7vd@search01.news.aol.com>
Source record: 274522

In article <netzel.768670626@neon.afsac.wpafb.af.mil>,
netzel@neon.afsac.wpafb.af.mil (Fred Netzel AFSAC/GBAS) writes:

Does anybody have the product number for BEYOND POLICE CALL? I tried to order
one from my local Rat Shack but they claim they don't know anything about it
and can't find it without the product number.

3671. Re: Realistic Pro 2004 For Sale $240.00

Newsgroup: rec.radio.scanner
Date: 1994-05-12 04:17:02 UTC
From: stephenx1@aol.com
Message-ID: <2qsaju$80r@search01.news.aol.com>
Source record: 274524

In article <2qovp1$4m1@btree.brooktree.com>, eskin@btree.brooktree.com (Michael Eskin) writes:

If you haven't sold this in 2-3 weeks I'd be interested. (After the Tax Man I'll have to scrape the shekels together) :(Drop me a line at Stephenx1@AOL.COM

3672. Re: New 2006 Computer Control Board

Newsgroup: rec.radio.scanner
Date: 1994-05-12 04:29:03 UTC
From: pthompson@walnut.prs.k12.nj.us
Message-ID: <1994May12.002903.879720@walnut.prs.k12.nj.us>
Source record: 274521

This really sounds like a nice product. They faxed me some info today. Any details on what this feature is: "A 2.5 mm phone jack for software control of a tape recorder." This sounds like a contact closure which operates based on what channel is active? I would be happy to be able to selectively activate a second speaker when specific channels + PL/DPL are active...

Can anyone tell me anything about the ScanStar and ScanStar Pro software? I called the sales number, and they can only give me the price. The BBS has more info. Supposedly. Is this sofware supported somehow? Upgradeable from the basic bundled version to Pro version?

Finally, since I have three Macs of various sizes at home, but no PCs, any suggestions on a cheap way to run this package? Perhaps SoftPC on the Mac? Will the Mac serial port talk to the scanner under SoftPC? If I have to buy a computer, plus the 2006, plus the Opto 456, that will start to add up a bit...

Now all they have to add is two-tone sequential tone decoding that the software can interpret and you could do some really interesting remote control applications. I would also be nice if you could at least dump channel setup info into the 2006 in native mode, but you can' have everything I guess.

Of course, the final question is - Does anyone discount the Opt 456, or is this a special intro price that will increase when it hits other sales channels?

Peter

==========
Peter C. Thompson Phone: 609-683-4480
District Technical Coordinator Fax: 609-683-8622
Princeton Regional Schools pct@walnut.prs.k12.nj.us

3673. Pro 2006 best price??

Newsgroup: rec.radio.scanner
Date: 1994-05-12 04:53:24 UTC
From: dhz@crl.com
Message-ID: <2qsco4$jir@crl.crl.com>
Source record: 274426

I'm looking to buy another 2006 and checked marymac for price and they are selling them for 345.00. Anyone here of any better prices around? If so leave a post or e-mail me.

--
JIM SHRYNE |\\ || //==\\ ===\\ || || ====//
ARS N6DHZ ||\\ || || || || ||=|| //
COMPUSERVE 70621,247 || \\|| ||==\\ || || || || //
E-MAIL dhz@crl.com || \\| \\==|| ===// || || //====

3674. Re: BEYOND POLICE CALL is out!

Newsgroup: rec.radio.scanner
Date: 1994-05-12 05:05:41 UTC
From: jimz@infinet.com
Message-ID: <2qsdf5$12j@rigel.infinet.com>
Source record: 274428

Stephenx1 (stephenx1@aol.com) wrote:
: In article <netzel.768670626@neon.afsac.wpafb.af.mil>,
: netzel@neon.afsac.wpafb.af.mil (Fred Netzel AFSAC/GBAS) writes:

: Does anybody have the product number for BEYOND POLICE CALL? I tried to order
: one from my local Rat Shack but they claim they don't know anything about it
: and can't find it without the product number.

The only thing on the book itself is an IPC code with the number 62-1040.

Sorry I can't help more than this.

--
/+-\
jimz@infinet.com	What's better than roses on your piano?
Call me Wookie;	Finger me for the answer.
everyone else	
does.	Disc: Don't even bother listening to me.
\-+-/

3675. CT Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-12 06:02:55 UTC
From: tempara <wayneadams@delphi.com>
Message-ID: <5iwON+P.wayneadams@delphi.com>
Source record: 274427

I'm looking for some police frequencies and "others" for Waterbury,ct area.
Any help would be greartly appreciated since the new code books list freq's not
in use at this time! Please e-mail to me at wayneadams@delphi.com
Thanking all in advance,
Wayne

3676. Re: Scanner vs. CB antenna question...

Newsgroup: rec.radio.scanner
Date: 1994-05-12 06:34:15 UTC
From: r_egeland@cc.colorado.edu
Message-ID: <2qsil7$5pe@lace.Colorado.EDU>
Source record: 274429

In article <94131.215450DCS4@psuvm.psu.edu>, Dave Shaffer <DCS4@psuvm.psu.edu> writes:
>Here is a question for the techies out there. I had a perfectly good
>Rat Shack cellular look-alike scanner antenna on the rear window of
>my car. I was reasonably pleased with the reception I was getting...
>but I broke the base of the antenna at the car wash. Obviously, I
>could replace it with a similar antenna or some other scanner antenna.
>But before I do that, here's the question...
>
>I have a perfectly good CB antenna -- a magnetic mount device -- in
>my garage that hasn't been doing anything useful for a long time. Is
>there any modification that could make it useful for the scanner?
>
>I do have a CB antenna -- another magnetic mount -- that I still use
>every so often with an old CB radio in my car. I tried patching
>the scanner onto that antenna with interesting results. It seemed
>to be quite good and vhf-lo and uhf, but not good at all at vhf-hi
>frequencies. In addition, I tried mounting the Rat Shack antenna
>mast in the expendable CB antenna base and using that for an
>external antenna, and it seems to be good at vhf-hi but not much
>else.
>
>Aside from just experimenting with height, the old cb mast, etc., is
>there anyone out there with advice on the compatibility of the cb
>antenna (or base with the scanner mast) for continued use with the
>scanner? To be honest, this is sort of fun just as an experiment...but
>I suspect that the components of the old CB antenna base may make
>it difficult to document just what I could do to increase performance
>with my homebrew antenna. I'm open to suggestions...
>
>- Dave

Dave - I've used a CB antenna on my scanner (mainly for cordless band), and
it worked fantastic. However, there are really a few things to keep in mind
(especially true for scanning).

The ability of the antenna to recieve a signal on a given band is determined
by it's length. Higher frequencies require a shorter length. Incidentally,
the antennas designed for CBs are designed for 27 Mhz - very low in scanning
terms. If you open up the base of your CB antenna, you will find a coil - this
is the same as having a very long antenna. For scanning, this coil should
generally be shorted out (or removed and replaced by a straight wire), because
most people want to listen to the VHF (about 150 Mhz) and up bands.

One thing about scanners, though, is that certain models are oversensitive
to strong signals (intermod). The easiest way to solve this is to shorten the

antenna.

In summary, unless you listen to frequencies around 30Mhz, gut out the base coil, and leave the length of the antenna as it is. If your scanner receives intermod, trim the antenna a little. Theoretically the antena lenght should be equal (in feet) to the frequency (in MHz) divided by about 430. I have found in the real world, though that a gutted CB antenna works just great (MUCH better than the fake cellular antennas - they didn't even compare to the CB antenna I used)!

Later

Ryan

3677. 2026 sale coming up

Newsgroup: rec.radio.scanner
Date: 1994-05-12 06:52:14 UTC
From: boothc@kenyon.edu
Message-ID: <1994May12.015214.11952@kcvax1>
Source record: 274434

Well I went down to RS today to get my Beyond Police Call, which they didn't have, and found out that the 2026 is going on sale soon for $175/185 from $240 (I think?) during their next sale period whenever that is Any way it will be a subtantial sale. From the looks of it, this would make an excellent mobile scanner. I think it's only 2x conversion, so perhaps intermod=not worth it. I don't know I went from a pro-41 to 43 so I don't have all that much experience with the stuff in between that rs offers. No I'm not going to bitch about the fact that the local RS doesn't have BPC cause they're not company owned and actually carry a nice selection of other stuff and occassionally have their own sales and cut me a nice deal once. Even told me that they had considered doing the 1-800-discount thing, but they didn't think they would make all that much cash. So, they sell 15 inch knives to overgrown 15 year olds to play with.... I wish they at least had assault weapons s/t like 7100 rounds a minute? Or was that assault radios.

But it still is odd. He said they would be in next week. (2 weeks late...:(I'm curious to see it.....

Carter

--
Carter G. Booth
boothc@kenyon.edu

3678. Receiver Sony ICF-SW7600

Newsgroup: rec.radio.scanner
Date: 1994-05-12 08:51:20 UTC
From: archive@flash.ATC.Olivetti.Com
Message-ID: <2qsqm8$r3g@olivea.ATC.Olivetti.Com>
Source record: 274431

I have bought the Sony model ICF-SW7600, European version; as an HF, it receives from 3850 KHz to 26100 KHz, I would like to know, if possible, if I can modify it to receive continuous from 500 KHz to 30 MHz.

Thank you

3679. [ref] Bravo pager bibliography

Newsgroup: rec.radio.scanner
Date: 1994-05-12 10:39:12 UTC
From: peter_simpson@3com.com
Message-ID: <2823@bridge2.NSD.3Com.COM>
Source record: 274433
Cross-posted to: rec.radio.scanner,alt.radio.scanner

The following references may be of interest to those with Motorola BRAVO pagers:

Mobile Radio Technology (ISSN: 0745-7626)

[articles on paging codes]
March, 1986 p.46 Digital Radiopaging Formats: POCSAG
July, 1986 p.62 Digital Radiopaging Formats: NEC/D3
August, 1986 p.32 Calculating POCSAG, NEC/D3 digital codes (with HP-16C)
October, 1987 p.33 How Golay code affects NEC pagers
March, 1993 p.10 Assigning POCSAG Group Calls for Information Services

[articles on servicing the Motorola BRAVO]
March, 1994 p.16 Servicing pagers: Frequencies, coding formats
April, 1994 p.22 Servicing pagers: From bench to programmer
May, 1994 p.16 Servicing pagers: The receivers

MRT will sell back issues from the previous two years (1992-3) for $5 each. Order by calling them at 1-800-441-0294 (Customer Service). They do not photocopy articles or have any copies of issues before 1992.

MRT is a great magazine if you're interested in pre-owned commercial radio equipment, pagers or technology. It's free to those in the communications industry. Call the 800 number above and ask them to send you a qualification form.

Motorola Manuals for BRAVO Series Numeric Display Pagers

Theory/Maintenance Manual (c)1987 Motorola P/N: 68P81047C95-O
[fairly detailed information on Golay and POCSAG numeric codes]

A03JRB/C Models 138-174 MHz.
Service Manual (c)1988 Motorola P/N: 68P81047C75-B
[part numbers and circuit diagrams]

73,
Peter

Peter Simpson, KA1AXY Peter_Simpson@3com.com
3Com Corporation (508) 836-1719 voice
Northborough, MA 01532 (508) 393-6934 fax

I speak only for myself, 3Com doesn't pay me to speak for them, so I don't.

3680. Monthly Post Scanner/SWL Clubs

Newsgroup: rec.radio.scanner
Date: 1994-05-12 11:46:04 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994May12.114604.12639@rsd.dl.nec.com>
Source record: 274430
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

The following list contains the name of the club, a contact with address and (possibly) phone number, E-mail address (if any), the area of interest and the name of their news letter, if any. Please send any corrections to me (address in sig).

Last update: May 12, 1994
Last Post: April 4, 1994

All Ohio Scanner Club
Dave Marshall
50 Villa Rd.,
Springfield, OH 45503-1036
davem0911@aol.com
Ohio and surrounding states; VHF/UHF and some HF and amateur coverage.
American Scannergram.

American SW Listener's Club
Stewart MacKenzie, WDX6AA
16182 Ballad Lane
Huntington Beach. CA 92649
(714) 846-1685.
Western US, Pacific, Asia, & Middle East; SWBC, utilities, longwave.
SWL

Association of Clandestlne Enthusiasts (A.C.E.)
Kirk Baxter,
P.O Box 11201
Shawnee Mission, KS 66207
US, Europe and Middle East; Pirate and clandestine.
The A.C.E.

Association of DX Reporters (ADXR)
Reuben Dagold
7008 Plymouth Rd.
Baltimore, MD 21208
International; Utilities, ham band, QSLing. MW, LW, and SWBC.
DX Reporter.

Association of Manitoba DX'ers (AMANDX)
Shawn Axelrod
30 Becontree Bay
Winnipeg, Manitoba. R2N 2X9 Canada
(204) 253-8644.

Manitoba; LW, MW, SW, and VHF/UHF.

Bay Area Scanner Enthusiasts
105 Serra Way #363
Milpitas. CA 95035.
Western U.S.; 30+ MHz.
Listening Post

Bayonne Emergency Radio Network (BERN)
Ray Baron
PO. Box 1203
Bayonne, NJ 07002
201-662-2222
NE Jersey; Fire/disaster.

Benelux DX-club (BDXC)
A. van Ostadelaan 106
NL-7944 XT Meppel
The Netherlands
LW, MW, SW, VHF/UHF, Broadcasting & Utility
BDXC-bulletin (monthly in Dutch/English)

Bearcat Radio Club
Larry Miller
Box 360
Wagontown, PA 19376
1-800-423-1331
US and Canada; Scanning only.
National Scanning Report.

Boston Area DXers
Paul Graveline
9 Stifling St.
Andover, MA 01810
(508)470-1971
50 mile radius Boston; SWBC.

British DX Club
Colin Wright
54 Birkhall Road
Catford, London, SE61TE, United Kingdom
UK and international. SW, MW. AM, FM DXing, pirate and clandestine radio.
Communication. Sample 3 IRCs or $2 US cash.

Canadian lnt'l DX Club
Sheldon Harvey, President
79 Kipps St.
Greenfield Pk.
Quebec , Canada J4V 381
(514)462-1459
Canada nationwide/membership open to all; General coverage.
The Messenger

Capitol Hill Monitors
Alan Henney
6912 Prince Georges Ave
Takoma Park, MD 20912-5414
(301) 270-2531.
DC, MD, No. VA. So. DE. Scanner bands.
Capitol Hill Monitor.

Central Florida Listeners Group
David Grubbs
956 Woodrose Court
Altamonte Springs, FL 32714-1261
(407) 273-5088 (Andy Fountain)
Central Florida; All bands. Net on 146.73 MHz Sun 8 pm.

Central Indiana Shortwave Club
Steve Hammer
2517 E. DePauw Road
Indianapolis, IN 46227-4404
Central Indiana; SW broadcasting, pirates. and the offbeat.
Shortwave Oddities

Central VA Radio Enthusiasts
Alien Cole
POB 34832
Richmond, VA 23234-0832
Richmond and nearby cities VHF/UHF. SASE. No newsletter. no dues.

Chicago Area DX Club
Edward G. Stroh
53 Arrowhead Dr.
Thornton, IL 60476
150 mile radius of Chicago; Dxing all bands.
DX Chicago

Chicago Area Radio Monitoring Association (CARMA)
Ted & Kim Moran
6536 N. Francisco 3E
Chicago, IL 60645
Chicago & midwest. Public safety & general coverage.
CARMA Newsletter.

Cincinnati Area Monitoring Exchange (MONIX)
Mark Meece
7917 Third St.
West Chester, OH 45069-2212.. SE
Indiana, Kentucky, SW Ohio; SWBC. utility. military. satellites. scanning. BCB.

Communications Research Group
Scott Miller
122 Greenbriar Drive
Sun Prairie, WI 53590-1706
Wisconsin area. Scanning.

DecalcoMania
Paul Richards
P.O. Box 126,
Lincroft, NJ 07738
(206) 356-3927 (Phil)
Collecting radio related items.

DMS-News
Jerry Pickard
8961 Magnolia Ave #59
Santee, CA 92071.
Nationwide; VHF/UHF
Dreaded Mod Sheet.

Drake SPR4 Int'l Club
Bill Swigger
Route 142, Box A,
Bridgeport. WV 26330
Worldwide; Drake SPR4 owners.

DX Audio Service (NRC)
NRC Publications Center
P.O Box 164
MannsviIle. NY 13661-0164
Worldwide; AM/FM;
DXAS Cassette 90-min monthly audio magazine. Sample $3 to above address

DX Australia
P O. Box 422
Moonee Ponds, Victoria 3039, Australia
MW. SW.
DXers Calling

DX Club of India
Navin Patel
809, M.G. Road, 1-Dutt
Niwas, Mulund, Bombay-400 080, India
India; SW DXing

DX Club Paulista
Marceio Toniolo Dos Anjos
C. Postal 592
Sao Carlos - SP (Brasil), 13560-970
South America. Shortwave, including utilities.
Actividade DX (in Porluguese)

Finnish DX Association
Mr. Arto Mujunen
Suomen DX-Liitto
PO. Box 454
SF-00101 Helsinki, Finland
+358-0-872-1718
Finland and worldwide. SW and BCB

Radiomaailma

Fire Net
Tom Kravitz
Box 1307
Culver City, CA 90232
310-838-1436
Southern Califomia
alpha-numeric paging fire notification net, tied in with nationwide net.

Friendship DXers Club
Ing. Santiago San Gil Gonzaiez
C.DX.A - International
P.O. Box 202
Barinas 5201-a
Estado Barinas, Venezuela
International. DXing all bands. Cadena DX. YV-2-FSW, Sunday 1130-1330 UTC
on 7113 and 14113 kHz. Membership free.

Houston Area Scanners & Monitoring Club
909 Michael
Alvin. TX 77511
(713) 388-1941
75 mile radius of Houston, TX; scanning & SW.

International Listeners Organization
Mohsin Abbas.
St. Nisar Ali Shah Ahamed Pura, Sheikhupura, Pakistan,
1-(50359) 2-(50561). South Asia. Broadcasting. Listener
Times.

Int'l Radio Club of America (IRCA)
Ralph Sanserino
P.O. Box 70223
Riverside. CA 92503
Worldwide; BCB/AM DX.
DX Monitor.

Long Island Sounds
Ed
2134 Decker Ave
North Merrick, NY 11566
Public Safety. Net Tues 8pm 146.805
Newsletter.

Longwave Club of America
Bill Oliver
45 Wildflower Rd
Levittown, PA 19057
(215)945-0543
Worldwide; Longwave only.
The Lowdown

Medium Wave Circle
Secretary: Harold Emblem, (postal enquiries)
137a Hampton Road,
Southport PR8 5DY, England
Steve Whitt <whitt_s@bt-web.bt.co.uk> (electronic enquiries)
UK & International; MW/LW/100kHz-1700kHz/ DXing/ listening/technical/etc
Medium Wave News; sample copy 3IRCS or $2 US cash

Metro Radio System
Julian Olansky
P.O. Box 26
Newton Highlands, MA 02161
(617)969-3000
New England states; Public Safety. M.R.S.
Newsletter.

Michigan Area Radio Enthusiasts
Bob Walker (ad553@leo.nmc.edu)
P.O Box 81621
Rochester, MI 48308
Michigan & surrounding; All bands.
Tip-Sheet (weekly), Great Lakes Monitor (bi-monthly)

Minnesota DX Club
AI Samson
8367 Monroe St. NE
Spring Lake Park, MN 55432
612-786-5915
Twin cities area; SW, MW, TV, FM, utilities.
MDXC Newsietter

MONIX (Cincinnati/Dayton Area Monitoring Exchange)
Mark Meece
7917 3rd St.
West Chester, 0H 45069-2212
(513)777-2909
Cincinnati/Dayton area; Full spectrum SW and scaning.

Mountain NewsNet
James Richardson
P.O. Box 621124
Littleton, CO 80162-1124
(303) 933-2195
Colorado statewide. Public Safety notification group.

National Radio Club
Paul Swearingen, Publisher
P.O. Box 5711, Topeka, KS 66605-0711
Worldwide; AM/FM. DX News 30 times yearly, sample for a 29 cent stamp.

NYC Radio Fre(ak)Qs
Joe Alverson
199 Barnard Ave

Staten stand, NY 10307
718-317-5556
NY boros & LI; VHF/UHF/HF utilities.

New Zealand Radio DX League
P.O. Box 3011
Auckland, New Zealand
MW, SW, FM, TV
New Zealand DX Times

New Zealand DX Radio Association
Mr. R. Dickson
88 Cockerell St.
Brookville, Dunedin
New Zealand
MW, SW, amateur and utilities
Tune-In

North American SW Assoc.
Bob Brown, Executive Dir.
45 Wildflower Lane, Levittown, PA 19057
Worldwide; Shortwave broadcast only
The Journal

North Central Texas SWL Club
Alton Coffey
1830 Wildwood Drive
Grand Prairie, TX 75050
N. Central TX area. All bands

Northeast Ohio SWL/DXers
Donald J. Weber
P.O. Box 652
Westlake, OH 44145-0652.
NE Ohio; SWBC and utilities

Northeast Scanner Club
Les Mattson
P .0. Box 62,
Gibbstown, NJ 08027
(609) 423-1603 evenings.
Maine thru Virginia; UHFNHF public safety, aircraft, military
Northeast Scanning News (NESN).

Ontario DX Association
Harold Sellers, General Mgr.
P.O. Box 161
Station A, Willowdale, Ontario
M2N 5S8, Canada
(416) 853-3169 voice & fax, (416) 444-3526
DX-Change information svce. Predominantly Province of Ontario; SWBC,
utility MW FM- TV, scann ng, techn cal, propagation.

DX Ontario

Pacific NW/BC DX Club
Phil Bytheway
9705 Mary NW
Seattle, WA 98117
(206) 356-3927
WA OR, ID, BC; DXing all bands

Pakistan SW Listeners Club
Mrs. Fatima Naseem
Sultanpura, Sheikhupura, 39350 Pakistan
Pakistan; SWBC.

Pitt Cty SW Listeners Club
L. Neal Sumrell
Rt. 1 Box 276
Sumrell Rd.
Ayden, NC 28513-9715.
Eastern NC, Shortwave bands
The DX Listeners

Puna DX Club
Jerry Witham
P.O. Box 596
Keaau, HI 96749
SW and MW

QSL Club de France
Patrick Frigerio
40 Rue de Haguenau
67700 Saverne, France
All bands
Courrier(in French). 6 bulletins 42 FF EEC 12 IRCs elsewhere 16 IRCs.

Radio Monitors of Maryland
Ron Bruckman
P.O. Box 394
Hampstead, MD 21074.
Maryland VHF/UHF/HF utilities
Radio Monitors Newsletter of MD

RCMA (Radio Communications Monitoring Assn.)
Carol Ruth, Gen'l Mgr.
P.O. Box 542
Silverado, CA 92676
North America, Europe, Australia; All modes above 30 MHz.
RCMA Journal.

Regional Communications Network (RCN)
Bill Morris, Public Info. Officer
Box 83-M, Carlstadt, NJ 07072-0083
50 mile radius of NY City; 2-way Radio Public safety notification group.

Rocky Mountain Radio Listeners
Wayne Heinen
4131 S. Andes Way
Aurora, CO 80013-3831
Colorado Front Range; All bands. Annual meeting calendar for an SASE.

Scanner/SWL Special Interest Group
Raleigh Amateur Radio Society
c/o Curt Phillips
P.O. Box 28587
Raleigh, NC 27611
Phone 919-772-0207

Southern California Area DXers (S.C.A.D.S.)
Don R. Schmidt
3809 Rose Ave.
Long Beach, CA 90807-4334
(310) 424-4634
California area; AM, FM, TV, scanner and shortwave broadcasting.

Southern Cross DX Club Inc.
G.P.0. Box 1487,
Adelaide, SA 5001, Australia
Australia, New Zealand, South Pacific; All bands.
DX Post

SPEEDX (Society to Preserve the Engrossing Enjoyment of DXing)
Bob Thunberg,Business Mgr
P.O. Box 196, DuBois, PA 15801-0196
Worldwide; SWBC, utilities.
SPEEDX monthly newsletter

Susquehanna City Scanner Club
Alan D. Grick
P.O. Box 23
Prospect St.
Montrose, PA 18801.
PA area; Scanning all bands.

Toledo Area Radio Enthusiasts
Ernie Dellinger, N8PFA
6629 Sue Lane
Maumee, OH 43537
NW Ohio and SE Michigan; Shortwave, scanning, amateur.

Triangle Area Scanner/SW Listening Group
Curt Phillips, KD4YU
P,O. Box 28587, Raleigh, NC 27611
Central NC.

Wasatch Scanner Club
Jon Van Allen
2872 West 7140 South
West Jordan, UT 84084

State of Utah. VHF/UHF
Newsletter/directory

World DX Club
Arthur Ward
17 Motspur Drive,
Northampton, England NN2 6LY
(in USA-Richard D'Angelo, 2216 Burkey Drive, Wyomissing. PA 19610)
UK and worldwide, SW, MW broadcasting DX, FM & TV DX, amateur radio.
Contact

WorldwideTV/FM DXers Association (WTFDA)
P.O. Box 514
Buffalo, NY 14205-0514
World-wide membership; TV, FM, NWS.

Scanning Wisconsin
Ken Bitter
S. 67 W.
17912 Pearl Dr.
Muskego, WI 53150-9608
(414) 679 9442
Wisconsin. VHF/UHF
Scanning Wisconsin ($2 for sample)

Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

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==========
Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

3681. frequency counters

Newsgroup: rec.radio.scanner
Date: 1994-05-12 13:44:28 UTC
From: Mike_Cook@walnut.prs.k12.nj.us
Message-ID: <1994May12.094428.881191@walnut.prs.k12.nj.us>
Source record: 274437

After the responses I got concerning Frequency counters I have decided definitely to get one. I also decided not to get the Radio Shack model. Now I'm deciding between the Optoelectronics 3300 and a FC-1200. Does any one know any thing about the FC-1200 in "Alfa Electronics" catalog. Its the same price as the 3300.
Any thoughts would be greatly appreciated.
-MIKE

-----Princeton Regional Schools takes no responsibility for the accuracy or content of the above message.

3682. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-12 14:14:25 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-120594071401@earl.llnl.gov>
Source record: 274435

In article <2qrt5q$a3g@pipeline.com>, rpetteng@pipeline.com (Roger
Pettengill) wrote:
>
>
> jerry@hnrc.tufts.edu (Jerry Dallal) wrote:
>
> >That's just what the ECPA says "no can do". However,
> >because the PRO-43 can't be easily modified by the end
> >user, RS can keep importing them and selling them.
>
> Not true. Regardless of what Monitoring Times reported, by FCC
> defintion the PRO-43 _is_ easily modifiable by the end user.
> So, once the current stock of PRO-43's is sold out Radio Shack
> will be either replacing it with an entirely new
> cellular-nonrestorable model or eliminating the diode and
> controlling frequency coverage thru the microprocessor (as
> they'll be doing with the PRO-2006).
>

I have seen the newer PRO-43, it is not restorable.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

3683. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-12 14:21:01 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.205.000E5A20@ccm.hf.intel.com>
Source record: 274442

In article <2qtng5$ebi@corpgate.nt.com> magnet@nRCHs022 (Brad Glidewell) writes:

>: Maybe I am wrong here but considering how much crap there is in cphone as
>: opposed to real interesting stuff on the rest of the freq ranges, I could
>: hardly consider the availibility of unlocking the cphone range to be a "
>: major" reason for choosing the Pro 2006. This is one damn fine radio folks.
>: I sure would like to think that your priorities are such that you would
>: spend $350-$400 to listen to cphone? I hate to flame but get a grip!
>: Carl (EX-Jarhead)
>: "To those who have fought for it, freedom has a flavor the
>: protected will never know"

>Carl,

>Your .sig says it all, since they (gov) want to prevent it, (legislation)
>makes people WANT it. (Freedom)

I have to agree with Carl. While I don't think any freqs should be banned,
cellular monitoring is only a very small portion of the hobby, but it seems to
be peoples primary consideration when choosing which scanner to purchase.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3684. NASCAR team frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-12 15:00:08 UTC
From: delkins@puc.edu
Message-ID: <2qu8vk$9ie@nntp.crl.com>
Source record: 274444
Cross-posted to: rec.radio.scanner,rec.autos.sport.nascar,alt.radio.scanner

Does anybody know the frequencies the teams will be using at Sears Point?
Would appreciate a listing.

Thanks

Dennis Elkins
Pacific Union College

3685. Re: Pro 2006 Purchase!

Newsgroup: rec.radio.scanner
Date: 1994-05-12 15:14:00 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May12.101400.2329@hnrc.tufts.edu>
Source record: 274439

In article <bobwx1.7.0@nbnet.nb.ca>, bobwx1@nbnet.nb.ca (Bob Robichaud) writes:
> Hi all,
>
> Well I have finally decided to buy the pro 2006 this Friday. The last thing
> I need to know is how I can tell if it is still modifiable. I am in
> Canada buy the way. I have read that I should look for an "A" and the end of
> the serial number. If it is a "B", it is no longer modifiable. Do I have it
> straight???? Has anyone in Canada bought a pro 2006 since the ban in the
> US? Anyway, thanks for the help in advance.
>

I have heard, but not seen for myself, that there are no diodes in the new 2006
corresponding to the ones in the modifiable 2006. If this is true, you should
be able to tell whether you've got a new one or an old one without doing
actually doing a mod.

3686. Alpha paging software for Macintosh

Newsgroup: rec.radio.scanner
Date: 1994-05-12 16:54:58 UTC
From: chinatti@tucson.Princeton.EDU
Message-ID: <1994May12.165458.12879@Princeton.EDU>
Source record: 274436

I was wondering if anyone knew of any (or has) alphanumeric paging
software available for the Macintosh. This software works with a
modem and dials up the paging carrier's computer and enters the
message.

Thanks in advance,
Steve
--

Steve Chinatti, EMTA, EECS student, Princeton University, Princeton, NJ
internet:chinatti@phoenix.Princeton.EDU bitnet:chinatti@pucc.bitnet

3687. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-12 17:03:01 UTC
From: magnet@nRCHs022
Message-ID: <2qtng5$ebi@corpgate.nt.com>
Source record: 274445

: Maybe I am wrong here but considering how much crap there is in cphone as
: opposed to real interesting stuff on the rest of the freq ranges, I could
: hardly consider the availibility of unlocking the cphone range to be a "
: major" reason for choosing the Pro 2006. This is one damn fine radio folks.
: I sure would like to think that your priorities are such that you would
: spend $350-$400 to listen to cphone? I hate to flame but get a grip!
: Carl (EX-Jarhead)
: "To those who have fought for it, freedom has a flavor the
: protected will never know"

Carl,

Your .sig says it all, since they (gov) want to prevent it, (legislation)
makes people WANT it. (Freedom)

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

3688. Frequency listing for NJ

Newsgroup: rec.radio.scanner
Date: 1994-05-12 17:47:53 UTC
From: shc@mt747.att.com
Message-ID: <CppAru.6t7@nntpa.cb.att.com>
Source record: 274449

Does anyone has a frequency listing for the state of NJ and perhaps the shore area of Monmouth/Ocean county? Perhaps down to the township level?

- Steve

****
* *
* Stephen H. Chu *
* AT&T Bell Labs *
* Holmdel, New Jersey *
* *
* shc@mt747.att.com *
* *
****

3689. Re: 2026 sale coming up

Newsgroup: rec.radio.scanner
Date: 1994-05-12 18:06:14 UTC
From: ksmith@theodolite.ae.calpoly.edu
Message-ID: <2qtr6m$55q@babyblue.cs.yale.edu>
Source record: 274448

I bought a Pro-2026 from MaryMac on sale for $125 about a year ago, and it's aboslutely the WORST radio I've ever seen. I'm running it mobile, in what I think is a pretty small town (40k, college community), which would lead me to believe metropolitan areas would be worse. This thing is RIDDLED with intermod. I'm using a bad antenna (the AM/FM whip on my car, split to the scanner and stereo), and the intermod is intolerable. Running with an outside real antenna makes the problem much worse (obviously). I don't seem to have too many problems with VHF-Hi, but UHF gets hammered by paging and data.

My advice would be to steer clear of this scanner at all costs. It's the only thing that fits in my car, so I'm stuck. My only other option seems to be getting a Uniden Bearcat BC-760XLT, which seems to be the same scanner, and using the PL board to at least mute the thing on intermod. Unless I want to spend $1,000+ for a Pro-2006 w/this new Opto control board and a dash-mounted palmtop for control (sounds neato, but expensive).

-Kirk J. Smith, KD6RCT

3690. Re: Detroit Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-12 18:58:25 UTC
From: as779@yfn.ysu.edu
Message-ID: <2qtu8h$43e@news.ysu.edu>
Source record: 274440

tim@umcc.umcc.umich.edu (Tim Tyler) writes:
> In the past, the primary DeeTroit PD channel in use has been
> 453.550 (channel 5), which is their special events channel, in
> addition to lesser traffic on some of the other DPD 453MHz
> channels & on the city's 800MHz system.

453.550MHz, DPD "Channel 5," is used for special events, but
is normally a simple "repeater" channel for units to communicate
with each other or with precinct desk off of the normal district
dispatch channels.
I have occasionally heard DPD special events communications on 453.875.
The book which has been referred to in other posts,Scanner Frequency
Directory for Northwest Ohio and Southeast Michigan
by Darryl Symington -Radio InfoSystems,is indeed an excellent reference.

Chuck Reti Detroit,MI
aa010@detroit.freenet.org
as779@yfn.ysu.edu
packet: wv8a@wb8zpn.#semi.mi.usa.na

3691. Re: cordless phone

Newsgroup: rec.radio.scanner
Date: 1994-05-12 19:53:20 UTC
From: hightech@mv.mv.com
Message-ID: <CppGKx.9M6@mv.mv.com>
Source record: 274453

jlw3@cec3.wustl.edu (Jesse L Wei) writes:

>Jim Kearman (KR1S) (jkearman@arrl.org) wrote:
>: Patrick W. P. Dirks (pwd@apple.com) wrote:
>: : Once again, Motorola's "Secure Clear" technology (I believe that's what
>: : they call it) is just simple frequency inversion. Radio Shack, among many
>: : others, sells a box that will flip the frequencies back to their
>: : appropriate bands; an easy and inexpensive scanner add-on. I wouldn't

We're looking at 900mhz phones now. Are any of the "spread spectrum"
phones really "spread spectrum" ?

Anyone have any ideas which is "best" ?

Ron

3692. Bearcat 8500/890 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-05-12 20:55:34 UTC
From: ppddgc@uwovax.uwo.ca
Message-ID: <1994May12.165534.1@uwovax.uwo.ca>
Source record: 274454

Does anyone know if the cellular coverage can be restored in the new Bearcat scanners? Please note that I am in Canada and the new 800 mhz law does not apply up here (yet...).

Thanks,
Dave Colvin VE3ZDC
University of Western Ontario

3693. Re: Austin Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-12 20:59:51 UTC
From: Steve Gibson <ares@bga.com>
Message-ID: <2qu5c7$gf@giga.bga.com>
Source record: 274441

In article <2qi6q4$sni@huey.cc.utexas.edu> Ivan Boesky,
kspain@huey.cc.utexas.edu writes:
>Anyone have a list of Austin, Texas frequencies that they would be
willing
>to share? I'm mostly interested in APD, DPS, and University of Texas...
>
>Thanks.
>
>Kevin

Here's the APD freqs:

460.400 Frank sector (APD channel 1) - Southeast Austin
460.100 Adam sector (APD channel 2) - Northwest Austin
460.450 Baker sector (APD channel 3) - Central/West Austin
460.325 Edward sector (APD channel 4) - Northeast Austin
460.175 Charlie sector (APD channel 5) - East Austin
460.275 David sector (APD channel 6) - Southwest Austin
460.025 Info/Tac (APD channel 7) - Info / Tactical - Citywide
460.500 Info/Tac (APD channel 8) - Info / Tactical - Citywide

155.580 Univ. of Texas P.D. - (I haven't confirmed this freq...)

155.370 DPS Austin (Trunked system so you'll only hear the dispatcher)

Hope that helps!

Steve Gibson
ares@bga.com "The badge means I'm broke!"
Austin P.D. -- Austin, TX

Disclaimer: Views expressed are my own personal opinions and are
NOT those of the Chief nor of the Austin Police Dept.

3694. Re: LA Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-12 22:35:08 UTC
From: tcarnes@netcom.com
Message-ID: <tcarnesCppo2K.JIM@netcom.com>
Source record: 274456

Fortney Carter (fcarter@aludra.usc.edu) wrote:
: Can someone please e-mail the frequencies for the LA area? Thanks in
: advance!

Geesh, lots o frequencies in the L.A. area. If you have the availability
to dial up local BBS's, you should find a program called scanman. It
contains all the usefull freqs for So Cal. The other alternative is to
go to a ham radio shop and get the latest copy of the local police call
book. It is not the one that radio shack sells but rather a crude
looking but greatly detailed paper bound book. costs around $10

Todd..

--
****
Todd W. Carnes |
tcarnes@netcom.com | "All true wisdom is printed on
Motown Records, Hollywood CA | T-shirts"
****

3695. Re: NASCAR team frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-12 22:36:05 UTC
From: cleyste@news.kn.PacBell.COM
Message-ID: <2qub0l$3a1@ohlone.kn.PacBell.COM>
Source record: 274450
Cross-posted to: rec.radio.scanner,rec.autos.sport.nascar,alt.radio.scanner

delkins@puc.edu wrote:

: Does anybody know the frequencies the teams will be using at Sears Point?
: Would appreciate a listing.
Call me 916 933 2490

: Thanks

: Dennis Elkins
: Pacific Union College

3696. Re: 2026 sale coming up

Newsgroup: rec.radio.scanner
Date: 1994-05-12 22:47:08 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2qublc$jus@umcc.umcc.umich.edu>
Source record: 274458

In article <2qtr6m$55q@babyblue.cs.yale.edu>,
Kirk Smith <ksmith@theodolite.ae.calpoly.edu> wrote:
>I bought a Pro-2026 from MaryMac on sale for $125 about a year ago, and it's
>aboslutely the WORST radio I've ever seen. I'm running it mobile, in what
>I think is a pretty small town (40k, college community), which would lead me
>to believe metropolitan areas would be worse. This thing is RIDDLED with
>intermod. I'm using a bad antenna (the AM/FM whip on my car, split to the
>scanner and stereo), and the intermod is intolerable. Running with an
>outside real antenna makes the problem much worse (obviously). I don't
>seem to have too many problems with VHF-Hi, but UHF gets hammered by
>paging and data.

My circumstances are almost identical. I bought the 2026 from Marymac
about 15 months ago, & it is installed in my car, tapped into the AM/FM
antenna.

I'm often driving around in moderate RF environments, such as Ann Arbor,
& freqs programmed into the 2026 run the gamut from VHF-low band to 800MHz.

My opinion of the 2026 differs, though. For $125, it is a great scanner
(I certainly wouldn't pay around $200 for it, though). I don't get a lot
of intermod, but when it does get it, I know that really any other
single-conversion scanner would also probably get it. My biggist
problem is with a few VHF frequencies in the 155MHz area which get
aircraft images. It also seems to have birdies (or perhaps it is just
EMI from the car) on a few active freqs like 156.150 & 155.370.

>My advice would be to steer clear of this scanner at all costs. It's the
>only thing that fits in my car, so I'm stuck. My only other option seems to
>be getting a Uniden Bearcat BC-760XLT, which seems to be the same scanner,
>and using the PL board to at least mute the thing on intermod. Unless I
>want to spend $1,000+ for a Pro-2006 w/this new Opto control board and a
>dash-mounted palmtop for control (sounds neato, but expensive).

I've had the 760XLT with CTCSS in my car too. If every freq you want
to monitor runs CTCSS, then maybe the 760XLT will work out for you.
Otherwise, I'd suggest a good handheld like the PRO-43.

> >-Kirk J. Smith,
KD6RCT >

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

3697. Re: Detroit Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-12 22:53:33 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2quc1d$k62@umcc.umcc.umich.edu>
Source record: 274446

In article <2qtu8h$43e@news.ysu.edu>, Chuck Reti <as779@yfn.ysu.edu> wrote:
>
>tim@umcc.umcc.umich.edu (Tim Tyler) writes:
>> In the past, the primary DeeTroit PD channel in use has been
>> 453.550 (channel 5), which is their special events channel, in
>> addition to lesser traffic on some of the other DPD 453MHz
>> channels & on the city's 800MHz system.
>
> 453.550MHz, DPD "Channel 5," is used for special events, but
> is normally a simple "repeater" channel for units to communicate
> with each other or with precinct desk off of the normal district
> dispatch channels.
> I have occasionally heard DPD special events communications on 453.875.

When there aren't any 'Special Events' going on, traffic on 453.550
is pretty mundane -- cars talking back to the desk officer at their
precinct (normal dispatches are done by a central dispatch point) to
order a tow truck for a recovered UDAA, etc. During a major event --
barricaded gunperson, Freedom Festival, Powerboat races, DeeTroit Gran
Prix, etc. the channel is run by the DPD Command Center for police ops
relating directly to the special detail.

The reason I didn't mention the routine traffic on Ch 5 to the
guy is because he mentioned that he'd be coming in from out of town, &
wanted to monitor some of the GP PD traffic...

453.875MHz is the DPD Tactical Services Section channel. During
major events, most of the TSS units would be deployed, thus increasing
the amount of traffic on their channel, as well as some of them being on
453.550.

> Chuck Reti Detroit,MI

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

3698. Re: Bearcat 8500/890 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-05-12 22:57:31 UTC
From: exe00447@char2.vnet.net
Message-ID: <2quc8r$6u0@char2.vnet.net>
Source record: 274455

ppddgc@uwovax.uwo.ca wrote:
: Does anyone know if the cellular coverage can be restored in the new Bearcat
: scanners? Please note that I am in Canada and the new 800 mhz law does not
: apply up here (yet...).

: Thanks,
: Dave Colvin VE3ZDC
: University of Western Ontario

ftp oak.oakland.edu and log into /pub/hamradio/mods There are a bunch of
mods there. I think I saw the 8500, but don't remember.

3699. IL HB4180 Update

Newsgroup: rec.radio.scanner
Date: 1994-05-13 00:02:10 UTC
From: Ted Moran <Ted.Moran@f747.n115.z1.fidonet.org>
Message-ID: <768769330@f747.n115.z1>
Source record: 274447

In early April we were notified of the existence of IL House Bill 4180. This Bill, sponsored by IL. Rep. Tom Cross from Yorkville, would have effectively banned the possession of any scanner powerable on DC current by hobbyists.

We attended a House Judiciary Panel hearing on the matter. We appear to be making quite a bit of progress with the bill, at least in terms of getting it re-drafted along the lines of the Chicago City law. That law makes it a crime to use a scanner to aid or abet the commission of any other crime. We feel we could fully support such a statewide measure, and would be happy to assist Rep. Cross with getting it passed into law.

Rep. Cross's office continues to assure us that we will see the re-drafted version of the bill before he sends it back to the panel for final review and that it won't be forwarded without our okay. There has been a very lengthy delay with getting the bill re-written by Rep. Cross's office. This delay is currently being attributed to the resignation of 2 of his staff members.

We remain concerned over any possibility of the bill passing in it's current form. Until we see the new version we can't support it. While we don't want to overload Rep. Cross's office with mail and bad press, we do think it's important to keep this issue in the light of day. If you wish to voice your concerns you should contact your Illinois State Representative. Rep. Cross may be reached at;

541 Countryside Shopping Center
Yorkville, IL 60560
(708) 553-0000

We would like to see the bill re-drafted, making it a crime to use a scanner to aid the commission of a crime. We think this would actually help the hobby's public image. We would welcome the opportunity to support such legislation. We will present further details at the CARMA meeting. If we do get to see the re-drafted version we will post it on the CARMA BBS, (708) 852-1292, as soon as possible. We'll do everything we can to keep you posted. The current status of HB4180 may be checked by calling the clerk's office in Springfield; (217) 782-3944.

We will also post the new version of the bill here as soon as we see it. Ted Moran / Chgo Area Radio Monitoring Association.

3700. Re: need freqs.

Newsgroup: rec.radio.scanner
Date: 1994-05-13 01:40:02 UTC
From: Alexander Tait <Alexander.Tait@f747.n115.z1.fidonet.org>
Message-ID: <768775202@f747.n115.z1>
Source record: 274451

-=> Quoting Jerry Smith to Alexander Tait <=-

JS> The TIPS system used by ISP is different from the ICUR codes that
JS> are used to close out cases. (Which is reported to the State of IL to
JS> account for officers' time and probably used for statistical purposes.)

AT> Yea, I realized that after I uploaded the message. Sorry if I
AT> added to the mess....Nice touch picking the TIPS code for
AT> traffic violations. I've got some friends over at DuComm,
AT> I'll ask then about Wheaton and Glen Ellyn codes.

JS> Naw, you didn't add to the mess. Just wanted to make sure we were on
JS> the same page. <g>

Yea, we're on the same paragraph now.

JS> I'd be interested to see what DuComm has to say. I would be even
JS> _more_ interested if you were able to get copies. <g> Let me know if
JS> that would be asking too much. :)

I'll try and see what I can do. I know there chief radio engineer.

... "If you can't make it good, make it LOOK good." - B Gates
___ Blue Wave/QWK v2.11

3701. Re: what to get Pro43, AR1500, AR1000, Yaesu FT-530 w/ ext. rec?

Newsgroup: rec.radio.scanner
Date: 1994-05-13 02:30:02 UTC
From: philscott@delphi.com
Message-ID: <ZG3v9MS.philscott@delphi.com>
Source record: 274452

Brett Miller - N7OLQ <brett_miller@ccm.hf.intel.com> writes:

>>Pro2022 I used to have... Should I just get the 1000 and the not much
>>better sensitivity for just $40 less? The Pro43 is the best for its price
>>range, but it isn't continous coverage or as rangy as the AORs. I am a new

I'd get a BC220 XLT if I wanted a good scanner or the FT-530 if I wanted
a GREAT dual band HT w/ excellent rcv capabilites/ Easily moded for
very wide band receive.
Phil N3KDJ pscott@wellfleet.com

3702. HB-232 Software Interface

Newsgroup: rec.radio.scanner
Date: 1994-05-13 02:50:18 UTC
From: Rickey.Stein@illusion.metronj.org
Message-ID: <bf3_9405131009@nisc.fidonet.org>
Source record: 274379

Take care with the release software for the HB-232. I understand that
it has a bug in it.

3703. Scanning in London

Newsgroup: rec.radio.scanner
Date: 1994-05-13 03:01:15 UTC
From: Rickey.Stein@illusion.metronj.org
Message-ID: <bf4_9405131009@nisc.fidonet.org>
Source record: 274380

It is not legal to listen to police and other public safety transmissions in the UK. However, in reality,unless you scan publically, publish frequencies, divulge message content or show up at a police action with a scanner- no one is going to bother you. Since you'll be using a Pro-2005, I can assume that you will using mains [house] current-unless you plan to run mobile off a car battery. In a private home- no problem. In a hotel- don't leave it out when you're not inb the room. Thew UK band allocation is compatible with your Pro-2005 except for the European low band which replaces our 30-50 MHz with 66-90 MHz. Most, but not all of the public service transmissions found in this area will be repeated in the 150's. I can provide you with more specific London frequencies if you let me know when you're going. Drop me a note at 456 Barrymore Place North Brunswick NJ 08902-2604.
.
Rickey Stein
International Editor, RCMA

3704. Re: IDEA: Rev switch for scanners

Newsgroup: rec.radio.scanner
Date: 1994-05-13 03:34:46 UTC
From: msaran@pt.olympus.net
Message-ID: <2qusgm$cd7@olympus.net>
Source record: 274466

The AOR 3000 has that option and it's great. It's not auto - you have to hit a key - but it works.

--
Mark Saran
msaran@olympus.net

3705. Re: BC100XLT mods going to ftp soon

Newsgroup: rec.radio.scanner
Date: 1994-05-13 03:53:43 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2qutk7$4ui@samba.oit.unc.edu>
Source record: 274457
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <cslyeCpo0BA.Aun@netcom.com>, Cameron Slye <cslye@netcom.com> wrote:
>These are going to ftp sites soon, what ftp sites? And where on them?
>
>
>
>--
> cslye@netcom.com

Sorry, I tried to post this last night, but the local news poster couldn't
talk for some reason with the net feed to post my note.

I put it at oak.oakland.edu in the directory of
pub/hamradio/mods/uniden/bearcat with the filename of bc100all.mod

Hope this helps, and sorry for the delay (would've told you yesterday, but
like I said, the poster wouldn't post my note).

Enjoy!

Sherrod

--

\ The above does not represent OIT, UNC-CH, laUNChpad, or its other users. /

3706. Re: BEYOND POLICE CALL is out!

Newsgroup: rec.radio.scanner
Date: 1994-05-13 04:03:05 UTC
From: stephenx1@aol.com
Message-ID: <2quu5p$paj@search01.news.aol.com>
Source record: 274464

In article <2qsdf5$12j@rigel.infinet.com>, jimz@infinet.com (James M. Ziogas) writes:

Thanks for the response. I'll take the info to RS and see what they say.

3707. Is there a FTP site for Scanners?

Newsgroup: rec.radio.scanner
Date: 1994-05-13 04:41:26 UTC
From: terupe@waikato.ac.nz
Message-ID: <1994May13.164126.28559@waikato.ac.nz>
Source record: 274459

HI, there I am new to the world of scanners,
is this a FTP site on makes and models for different brands of scanners? and
'what they do?['
Thanks any help would be helpfull.

3708. Re: BEYOND POLICE CALL is out!

Newsgroup: rec.radio.scanner
Date: 1994-05-13 05:37:03 UTC
From: scan911@aol.com
Message-ID: <2qv3lv$ql5@search01.news.aol.com>
Source record: 274460

To Gordon from Hersheypark:

Send me the correct listings for Hersheypark and I will ensure they get in the next edition of Beyond Police Call. I tried to message you before for the info, but the message wouldn't pass for some reason.

To all others who want to get updates included, feel free to send them to me and I will ensure they get to the publisher.

Thanks,

Chuck Gysi, N2DUP
scan911@aol.com
Editorial Assistant, Beyond Police Call project

3709. Re: Pink Floyd Concert

Newsgroup: rec.radio.scanner
Date: 1994-05-13 05:39:05 UTC
From: scan911@aol.com
Message-ID: <2qv3pp$qmm@search01.news.aol.com>
Source record: 274461

In article <2qlgo7$5l8@hubcap.clemson.edu>, jlloyd@pluto.cs.clemson.edu (John LLoyd) writes:

Most roadie stuff pops up on these freqs.....151.625, 154.570, 154.600, 464.500, 464.550, 469.500 and 469.550. Don't limit your listening there, though. I've even heard stuff show up on forestry (parks) frequencies in the 151 MHz range.

For mics, check the 174-216 MHz range. Most will be there.

Please post what you find after the concert!

Chuck Gysi, N2DUP
scan911@aol.com

3710. Re: State Police Extender Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-13 05:42:03 UTC
From: scan911@aol.com
Message-ID: <2qv3vb$qnt@search01.news.aol.com>
Source record: 274462

In article <2qpl87$if0@huey.cc.utexas.edu>, kspain@huey.cc.utexas.edu (Ivan Boesky) writes:

Monitor America is pretty accurate on the extender freqs. Can be ordered by calling (800) SCAN-701.

3711. single ch x-tal receiver?

Newsgroup: rec.radio.scanner
Date: 1994-05-13 06:01:26 UTC
From: mladair@mtu.edu
Message-ID: <2qv53m$qev@pace2.cts>
Source record: 274467
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

Does anybody out there know of any single channel receivers that run off of crystals? (ie scanner crystals) Preferably something cheap. Kits are fine.

I am very involved in Fire, EMS, ARES, etc. and I need to monitor several freqs at once. I want to set up a unit that can receive all the freqs I need without scanning, that way I don't interfere with one or another freq.

I've seen Ramsey's receiver kits, but I'm afraid that they would somehow become "untuned" if they got moved around, or a little cousins hand found the knobs, etc. I would like something that I could just pop the xtal in and be pretty much set.

Thanks and '73!

Matt

+----------------------------+-----------------------------+
Matthew L. Adair EMT	EMAIL: mladair@mtu.edu
Superior Search & Rescue	Snail: 176 DHH MTU
American Red Cross	Houghton, MI 49931
Disaster Team	Radio: N8SHA
RACES / ARES	Ma Bell: (906) 487-0275
+----------------------------+-----------------------------+

3712. SB-PRO/16 DSP as Filter?

Newsgroup: rec.radio.scanner
Date: 1994-05-13 07:50:06 UTC
From: rainey@vax.sonoma.edu
Message-ID: <1994May12.235006.1@vax.sonoma.edu>
Source record: 274468

Is there any software out there that would let one use the DSP chip
on their computer sound card (SB-PRO/16) to work as a all purpose scanner
filter. I mean all the important components are in the card/computer
wouldn't you think? Also, anyone know of any really good deals on
spectrum analizers? Prefferably one with it's own reciever...

aNTOCh

3713. Re: single ch x-tal receiver?

Newsgroup: rec.radio.scanner
Date: 1994-05-13 08:44:07 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.206.0008BC8C@ccm.hf.intel.com>
Source record: 274376
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

In article <2qv53m$qev@pace2.cts> mladair@mtu.edu (Matthew Adair) writes:

>Does anybody out there know of any single channel receivers that
>run off of crystals? (ie scanner crystals) Preferably something
>cheap. Kits are fine.

>I am very involved in Fire, EMS, ARES, etc. and I need to monitor
>several freqs at once. I want to set up a unit that can receive
>all the freqs I need without scanning, that way I don't interfere
>with one or another freq.

>I've seen Ramsey's receiver kits, but I'm afraid that they would
>somehow become "untuned" if they got moved around, or a little
>cousins hand found the knobs, etc. I would like something that I
>could just pop the xtal in and be pretty much set.

I think Radio Shack sells a single crystal unit. Also, there is the AOR AR33
which is a very fine thumb-wheel tuned vhf receiver (hand-held).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3714. NASCAR Radio Broadcast Shortwave frequencies ???

Newsgroup: rec.radio.scanner
Date: 1994-05-13 09:33:10 UTC
From: abracket@wellspring.rtp.dg.com
Message-ID: <1994May13.093310.13179@us.dg.com>
Source record: 274463
Cross-posted to: rec.radio.scanner,rec.autos.sport.nascar,alt.radio.scanner

Does anyone know if some one Broadcasts shortwave coverage of the
W/C and BGN races?? Also any other issues of interest to race fans...

--
regards/ al
--

<< Support the Constitution and the Bill of Rights >>
LIBERTY >< And you Support your own Freedoms >< FOR ALL
abracket@wellspring.us.dg.com N1IQQ @ KD1CA.RI.USA Work for Peace / Plan for Conflict / [
insert Standard Disclamer Here]

3715. PUNTA GORDA FL FREQS

Newsgroup: rec.radio.scanner
Date: 1994-05-13 11:11:07 UTC
From: denis.dandeneau@chowda.com
Message-ID: <9405130800242681@chowda.com>
Source record: 274391

```
PPPPPPPP UU  UU NNN NN TTTTTTTT AAAAA
PP PP UU UU NN N NN TT AAA AAA
PP PP UU UU NN N NN TT AA AA
PPPPPPPP UU UU NN N NN TT AA AA
PP UU UU NN N NN TT AA AA
PP UU UU NN N NN TT AAAAAAAAAA
PP UU UU NN N NN TT AA AA
PP UUUUUUUUU NN NN TT AA AA

GGGGGG OOOOOOO RRRRRRR DDDDDDDD DDDDDO
OO RR R D D AAA AAA
GG GGGG OO OO RRRRRRR D D AA AA
GG G OO OO RR RR D D AAAAAAAAAA
GGGGGGGG OOOOOOO RR RR DDDDDDDD AA AA

F L O R I D A

I am planning a trip to Punta Gorda Florida and wonder if
anyone can supply good freqs for fire, police, sherriff and 2
meter or 220 ham repeaters.

Thanks in advance
Denis K1STB
P O Box 7052
Warwick RI 02887
```

3716. Radio Spring 1994

Newsgroup: rec.radio.scanner
Date: 1994-05-13 11:29:18 UTC
From: rglerum@L10SUN3.NoSubdomain.NoDomain
Message-ID: <1994May13.112918.27182@relay.nswc.navy.mil>
Source record: 274465

Keywords:
Radio Shack just published its inaugural issue of Radio Magazine.
It sells for $1.95 (RS part no. 62-1201)....It has some good and
interesting articles in it...

3717. Re: Pro-46 Deep-Sixed Already! Answers.

Newsgroup: rec.radio.scanner
Date: 1994-05-13 11:54:24 UTC
From: T.M.D.Buffham@lut.ac.uk
Message-ID: <T.M.D.Buffham.11.2DD36A6F@lut.ac.uk>
Source record: 274471

In article <2qom6c$ct6@search01.news.aol.com> strech1@aol.com (Strech1) writes:
>From: strech1@aol.com (Strech1)
>Subject: Re: Pro-46 Deep-Sixed Already!
>Date: 10 May 1994 15:10:04 -0400

>In article <940510.011127.20654@cheshire.oxy.edu>, randrews@cheshire.oxy.edu
>(Ms. Rachel C. Andrews) writes:
>>>day while I'm in the shower :-). I'm hooked! (Is there a twelve step program
>>>for this?)
>Rachel, try these questions:
Not Rachel but Timbo answers follow...
>WARNING SIGNS OF BECOMMING A SCANNER-NUT

>Can you ID a radio's freq by looking at the antenna?

Sometimes.

>Do you know what fire station is being dispatched by
>listening to the pager tones?

I don't think we have those over here in the U.K. but if I lived over there I
bet I would...

>Do you start reading plates by the police phonetics?

YES, but then I a aeroplane (airplane) spotter anyway, our phonetic alphabet
is slightly sifferent to yours (in US of A).

>Can you quickly translate a vanity plate read in phonetics?

Yankee-Echo-Serra

>Do you have a 'favorite' dispatcher?

No, but I have a favorite Air Traffic Controller (she works Ground and
Approach at East Midlands International Airport UK, flight path over house,
M1-Boeing 737-400 crash etc.)

>Do you curse the newspaper for not printing
anything about what >you heard last night?
Local News - mainly from T.V. - National papers are more read as we can fit
most of the national news on to one sheet (Smaller See).

>Do you know at least 15
vehicle/penal code sections?

Got me on that one, they tend to use the name of the offence in words.

>Are you on a constant search for the 'best' frequency manger
>program?

see below...

>Do you yell at TV shows that use scanners in place of 2-way radios?

>(trivia- wha t scanner was used as a 2-way radio on 'Starskey & Hutch'?)

Starskey & Hutch?

>When you promise to sell your old scanner when you upgrade, do you
>find a conveniant use for it SOMEWHERE?

I afraid so.

>Can you rattle off at least 10 local PD/Fire freqs by memory?

YEP.

>Do you put off everything on Saturday night to see "Cops"?

Only on 'sattalite' T.V. in U.K. and don't have a dish.

>Do you have twin spotlights on your car?

NO - Too Crass..!

>Have you ever slipped and said 'Code 7'when taking lunch, and your'e
>an accountant?

Huh? (Meal Break??)

>Do you know exactly when you are leaving one 'beat' and entering
>another?

Ish.

>When someone says 'trunk' you don't think elephant or car compartment,
>you think 'ARRRRRGH!'

This means 'BOOT' doesn't it (i.e a place for luggage in the back of a car)
The other one is major isn't it as in 'trunk road'?

>David
>Pacific Grove CA

>PS. the '46 IS modifieable for cellular.......

Now on to the real point I've only just become familiar with the internet and this news stuff and I've found this group. I'm particularly interested in finding out rwhat this frequency manager program is. Can I connect the scanner to my P.C. At the moment my scanner is an AOR 900 UK(handheld: Other old 20 channel desktop conveniently lent to a friend so I could get it out of the girlfriends eyeline and not have to sell..) with bands108-136 MHz, 137-174MHz, 220-280MHz, 300-380MHZ, 406-470MHz and finally 830-950MHz. Is it possible? is it worth it? What advantages will I get? What hardware do I need? (suggest makes and models in full if possible they could be slightly different over

here:- cameras are...I can get quite confusing trying to bring the right grey inports into this country.) Is it cheaper in the states? (most things are). Should I move there?

I think that you get the drift...seriously I'd be greatful for any information you'd be interested to supply. Please email to T.M.D.Buffham@lut.ac.uk or post to this news group I'll keep and eye out.

Thanks in advance. All help and advice appreciated.

Timbo.

No silly sig. yet.

3718. Re: HELP!!! My 2way is screwd

Newsgroup: rec.radio.scanner
Date: 1994-05-13 12:24:57 UTC
From: tham@scws2.harvard.edu
Message-ID: <tham.768831897@scws2.harvard.edu>
Source record: 274394

ckf@christa.unh.edu (Christopher K Fowler) writes:

>Ok, the battery is charged, the configuration data is all correct, it's
>scanning properly, it hasn't been dropped, wet, anything....but now it
>won't recieve. I cross checked with a friend and he was getting everyting
>I should have been, so...I turned it off and left it alone for a while. A
>little bit later, IT WORKED!!...but today, it won't again. Does anyone
>know what could be going on. Does this happen often to two ways and/or
>scanners? HELP!! It's a brand new Relm WHS-150, very expensive but
>absolutely BEAUTIFUL. I really don't want to have to send it back. Please
>respond here or ckf@christa.unh.edu

Sounds like you may have a defective cell inside you nicad pack. I had
same symptoms on a new radio I bought (not Relm) and battery usually last
about 15 minutes then died. Is your battery pack also heats up when you
charge it? This will also indicate bad cell/s inside. I found out because
instead of sending it back I open it up and measure individual cells and
found a dead short on one of the cell.
good luck

fst

3719. Need RS customer service address

Newsgroup: rec.radio.scanner
Date: 1994-05-13 13:06:21 UTC
From: billp@voyager.chm.clarkson.edu
Message-ID: <1994May13.130621.4076@news.clarkson.edu>
Source record: 274472

Hello...

I'm looking for an address (phone might be helpful too) to write for
Radio Shack customer service. I would like to make contact
independant of our local retail store.

Thanks for any help

-Bill Plunkett

3720. Re: Beyond P.C. Question

Newsgroup: rec.radio.scanner
Date: 1994-05-13 14:11:01 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2r01pl$1gf@dancer.cc.bellcore.com>
Source record: 274473

In article <2qpb98$phi@rigel.infinet.com>,
James M. Ziogas <jimz@infinet.com> wrote:
>I just bought Beyon Police Call today, and in the back it lists a lot of
>racing frequencies that several people have asked for lately.
>
>This brings up a question: Is it ok for me to transcribe these freqs on
>here? I don't want to break any copyright laws, but I find it hard to
>believe that you can copyright frequencies. Is it ok?

Factual data can not be copyrighted, although the way it is
arranged/presented may be protected by a copyright if that
presentation reflects sufficient creative originality.

Thus, the fact that Penske Racing Team uses frequency XXX.YYY
is not protected by any copyright anymore than the fact that
my amateur callsign is K2UNK and I live at such and such address
or that your name is James Ziogas and your internet address
is jim2@infinet.com.

The US Supreme court ruled on a similar situation involving
telephone books and found that the data in a phone book is
not copyright protected because it is both factual data and
the specific arrangement in the phone book (alphabetical) is
not creative or original in terms of copyright protection.

The fact that someone may have put in a great deal of research
or time to assemble a database of factual information ("sweat-of-
the-brow" effort) does not automatically provide a basis for copyright
protection unless the presentation of that data (the arrangement)
can be shown to reflect some degree of creativity. As per
the above, simple alphabetical and/or numerical data sorts
have already been viewed by the court as not be protected on
the creativity/copyright basis.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

3721. Re: Scanner vs. CB antenna question...

Newsgroup: rec.radio.scanner
Date: 1994-05-13 14:33:09 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2r0335$2tk@dancer.cc.bellcore.com>
Source record: 274474

In article <94131.215450DCS4@psuvm.psu.edu>,
Dave Shaffer <DCS4@psuvm.psu.edu> wrote:
>I have a perfectly good CB antenna -- a magnetic mount device -- in
>my garage that hasn't been doing anything useful for a long time. Is
>there any modification that could make it useful for the scanner?

Just use it and see how well it works. More below...

>I do have a CB antenna -- another magnetic mount -- that I still use
>every so often with an old CB radio in my car. I tried patching
>the scanner onto that antenna with interesting results. It seemed
>to be quite good and vhf-lo and uhf, but not good at all at vhf-hi
>frequencies. In addition, I tried mounting the Rat Shack antenna
>mast in the expendable CB antenna base and using that for an
>external antenna, and it seems to be good at vhf-hi but not much
>else.

If the above is saying that you had the antenna connected to
the CB and the scanner at the same time, that could be a problem

>Aside from just experimenting with height, the old cb mast, etc., is
>there anyone out there with advice on the compatibility of the cb
>antenna (or base with the scanner mast) for continued use with the
>scanner? To be honest, this is sort of fun just as an experiment...but
>I suspect that the components of the old CB antenna base may make
>it difficult to document just what I could do to increase performance
>with my homebrew antenna. I'm open to suggestions...

Any antenna for scanning is always a compromise as what you are
attempting to do is receive from 30MHz up to 500MHz or higher.
That's a very wide spectrum representing radio wavelengths of
10 meters down to < 60cm. I suspect there isn't anything other
than the length of the CB antenna (might include a coil in
the antenna itself to electrically length the antenna) that
should be any problem as a receiving antenna.

Experiment with it as you've already started to do.

Alternatively, you might just try a straight radio recieving
antenna replacement as found in K-Mart, etc.

Good luck,

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70

201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

3722. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-13 15:00:14 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May13.100014.2337@hnrc.tufts.edu>
Source record: 274469

In article <ross-120594071401@earl.llnl.gov>, ross@novax.llnl.gov (Gary Ross) writes:
> In article <2qrt5q$a3g@pipeline.com>, rpetteng@pipeline.com (Roger
> Pettengill) wrote:
>>
>>
>> jerry@hnrc.tufts.edu (Jerry Dallal) wrote:
>>
>> >That's just what the ECPA says "no can do". However,
>> >because the PRO-43 can't be easily modified by the end
>> >user, RS can keep importing them and selling them.
>>
>> Not true. Regardless of what Monitoring Times reported, by FCC
>> defintion the PRO-43 _is_ easily modifiable by the end user.
>
> I have seen the newer PRO-43, it is not restorable.
>
> Gary

I plead guilty to believing what I read in MT and the Grove Catalog.
Guilty! Guilty!! GUILTY!!!
I'll never do it again ! :-)

Seriously, thanks for the correction.

3723. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-13 15:01:45 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May13.100145.2338@hnrc.tufts.edu>
Source record: 274470

In article <cjs9.39.0007C665@cornell.edu>, cjs9@cornell.edu (Carl Steckler) writes:
> Maybe I am wrong here but considering how much crap there is in cphone as
> opposed to real interesting stuff on the rest of the freq ranges, I could
> hardly consider the availibility of unlocking the cphone range to be a "
> major" reason for choosing the Pro 2006.

This suggests starting a thread, "Best cellular phone call I've heard about"

3724. Re: Pro-46 Deep-Sixed Already! Answers.

Newsgroup: rec.radio.scanner
Date: 1994-05-13 15:19:42 UTC
From: horak@convex.com
Message-ID: <horak.768842382@convex.com>
Source record: 274377

>>Do you have a 'favorite' dispatcher?

>No, but I have a favorite Air Traffic Controller (she works Ground and
>Approach at East Midlands International Airport UK, flight path over house,
>M1-Boeing 737-400 crash etc.)

Take my advice and don't runway with some pie in the sky dispatcher. After
the initial crush wears off all they do is squawk. Better hangar up and
make a quick departure.

David :-)

3725. OFF-ROAD RACING FREQS WANTED

Newsgroup: rec.radio.scanner
Date: 1994-05-13 16:00:37 UTC
From: allred@nevada.edu
Message-ID: <2r0875$dfe@post-office.nevada.edu>
Source record: 274381

> I have been searching everwhere for some inside info on freq. predominatly used in the southwest off-road race cicuit. I have contacted the main guy who sells the radios to the racers. He asked me a million questions, so I posed as an interested buyer. He was a grouch to say the least. All he would tell me is they are the same freq band as tow trucks.(I think that would be 500mHz). Also, while attendeing races, everybody acts like their freqs are top secret. What Up? I just want listen to Ivan Stewart talking to ? If you can help, please drop me a e-mail.

Alan in the Nevada desert

3726. Regency Manuals - For Sale

Newsgroup: rec.radio.scanner
Date: 1994-05-13 16:03:26 UTC
From: lakeith@robins.af.mil
Message-ID: <2r08ce$c26@wrdis02.robins.af.mil>
Source record: 274378

[Article crossposted from rec.radio.amateur.equipment]
[Author was]
[Posted on 13 May 1994 16:01:34 GMT]

I have limited quantities of the following Regency Service
Manuals for sale. Prices include postage.

Regency HR-2 Series 2 Meter Transceiver $10.00

Model ACT-E10H/L/U Monitoradio Receiver $5.00

Model ACT-E16H/L, ACT-E16H/L/U Monitoradio Receiver $5.00

Model ACT-M8H,L,H/L Monitoradio Receiver $5.00

Model MT-15S VHF Marine Transcan $10.00

Model MT-25 VHF Marine Transceiver $10.00

Model MT-120 VHF Marine Transceiver $10.00

Model TME-16U UHF Monitoradio Receiver $5.00

Model TMR-8H/LL, TMR-8H/LM, TMR-8H/LH
Monitoradio Receiver $5.00

Larry Keith
231 Shenandoah Trail
Warner Robins, GA 31088-6289

912-329-0030 (4-10 PM EDT only, please)

3727. WWW and Gopher request for BARC FTP site

Newsgroup: rec.radio.scanner
Date: 1994-05-13 16:04:39 UTC
From: wy1z@bach.coe.neu.edu
Message-ID: <WY1Z.94May13120439@bach.coe.neu.edu>
Source record: 274375
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

Many people have set up World Wide Web, Gopher, and other systems
which have pointers to the Boston Amateur Radio Club's FTP area.

This is very much appreciated.

Problem is, some of these pointers still point to the club's old location of
world.std.com, now known as ftp.std.com.

Could the people who maintain the WWW and Gopher systems (and others I am
not aware of) please make sure your pointers for the BARC's FTP area point
to oak.oakland.edu, /pub/hamradio directory.

Otherwise, those who wish to access the site will not be able to with the
present configuration.

Thank you very much.

73,
Scott
--
```
==========================================================================
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na |
|------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - ftp.std.com pub/hamradio |
==========================================================================
```

3728. Re: BC100XLT mods going to ftp soon

Newsgroup: rec.radio.scanner
Date: 1994-05-13 16:51:37 UTC
From: wy1z@bach.coe.neu.edu
Message-ID: <WY1Z.94May13125137@bach.coe.neu.edu>
Source record: 274384
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <2qutk7$4ui@samba.oit.unc.edu> Sherrod.Munday@launchpad.unc.edu (Sherrod Munday) writes:

Path: chaos.dac.neu.edu!grapevine.lcs.mit.edu!uhog.mit.edu!news.kei.com!eff!news.duke.edu!concert!bigblue.oit.unc.edu!samba.oit.unc.edu!not-for-mail
From: Sherrod.Munday@launchpad.unc.edu (Sherrod Munday)
Newsgroups: alt.radio.scanner,rec.radio.scanner
Date: 13 May 1994 03:53:43 GMT
Organization: The University of North Carolina at Chapel Hill, the Experimental Bulletin Board Service.
Lines: 25
References: <cslyeCpo0BA.Aun@netcom.com>
NNTP-Posting-Host: lambada.oit.unc.edu
Xref: chaos.dac.neu.edu alt.radio.scanner:10667 rec.radio.scanner:7064

In article <cslyeCpo0BA.Aun@netcom.com>, Cameron Slye <cslye@netcom.com> wrote:
>These are going to ftp sites soon, what ftp sites? And where on them?
>
>
>
>--
> cslye@netcom.com

Sorry, I tried to post this last night, but the local news poster couldn't talk for some reason with the net feed to post my note.

I put it at oak.oakland.edu in the directory of pub/hamradio/mods/uniden/bearcat with the filename of bc100all.mod

Hope this helps, and sorry for the delay (would've told you yesterday, but like I said, the poster wouldn't post my note).

Enjoy!

Sherrod

--

\ The above does not represent OIT, UNC-CH, laUNChpad, or its other users. /

To hopefully prevent ANY confusion, Sherrod actually placed the file into the /pub/hamradio/incoming directory. I then moved it into the bearcat directory.

The /pub/hamradio/incoming directory is only writable by arrangment by me.
All other directories within the /pub/hamradio area are read-only.

Scott
--

==
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na
Maintainer of the Boston Amateur Radio Club hamradio FTP area on
the World - ftp.std.com pub/hamradio
==

3729. Re: 2026 sale coming up

Newsgroup: rec.radio.scanner
Date: 1994-05-13 18:37:00 UTC
From: daigneault@aeolus.enet.dec.com
Message-ID: <Cpr7po.3rI@ryn.mro.dec.com>
Source record: 274382

I also own a pro-2026. I think that it is a fine scanner. I use it mobile with an antenna specialist wide band mag mount and only occasionally do I recieve intermod mostly from paging systems. I'm in eastern Mass near Boston and there are plenty of high powered transmiters in the area. I've been quite pleased with the unit and it's performance.

DanD

3730. Re: Pro-46 Deep-Sixed Already! Answers.

Newsgroup: rec.radio.scanner
Date: 1994-05-13 20:07:02 UTC
From: strech1@aol.com
Message-ID: <2r0ml6$76e@search01.news.aol.com>
Source record: 274387

In article <T.M.D.Buffham.11.2DD36A6F@lut.ac.uk>, T.M.D.Buffham@lut.ac.uk
(Timothy Buffham) writes:

>When someone says 'trunk' you don't think elephant or car compartment,
>you think 'ARRRRRGH!'

This means 'BOOT' doesn't it (i.e a place for luggage in the back of a car)
The other one is major isn't it as in 'trunk road'?

Timothy,
thanks for the reply. I'm sure some other techie types coould answer the
scanner/computer interface Q, I have only read about some for my Radio Shack
2004.

the Boot quote bring back memories of my old unreliable love, a 60 Triumph TR3.
Trunking is a way of maximizing radio frequencies by utilizing a dozen or more
channels, and a computer controls which freq is used when the user keys the
microphone. Utterly challanging to monitor, for the radio traffic never seems
to stay on the one freq. Then you have ALL the city services, police, fire,
public works, bus drivers, trash collectors, etc on the system, trying to
listen to a fire in progress will be interrupted by the manhole cover polishers
or whutever.

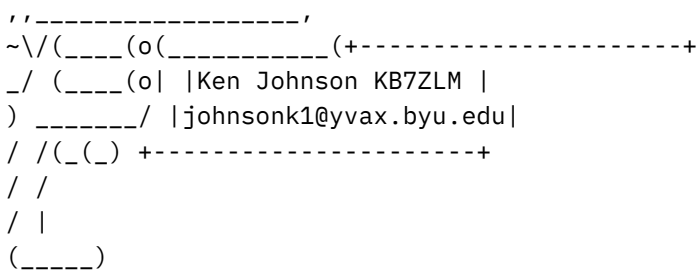
Starskey and Hutch was a 70's police drama. I remember having an old crystal
controlled Radio Shack 4 channel scanner then, and it was the exact same radio
that they used for a 'prop' on the show......

TTYL
David

3731. Scanner antenna recommendations wanted

Newsgroup: rec.radio.scanner
Date: 1994-05-13 21:36:59 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994May13.143700.7757@yvax.byu.edu>
Source record: 274383

Now that I have my new Pro-2006 figured out and about half of the channels programmed, I'm interested in the possibility of getting a better antenna. I live in an apartment, and would have to mount it on the balcony. Also, I can't spend too much (I had a hard enough time justifying the scanner itself to my wife). Any recommendations? What models are available, and how much will it set me back? Would a small, inexpensive exterior antenna improve my reception enough to make it worth it?



3732. Beyond Police Call

Newsgroup: rec.radio.scanner
Date: 1994-05-13 22:01:16 UTC
From: thurstonjd@TIGGER.STCLOUD.MSUS.EDU
Message-ID: <1994May13.170116.10539@msus1.msus.edu>
Source record: 274385

Hi everyone. I've been following this thread for about 4 months and I havn't posted a thing, so now I'm glad I have something to say.
I just bought the new Beyond Police Call from the Rat Shack. Nice book, very in-depth listing for each state. I found 11 pages on Minnesota alone. I found frequencies I never imagined finding (ie. Private Investigators).

I'd suggest picking up a copy if you're looking for a change from Police, Fire, Medical, etc. My 2 cents... Thanks,
-Joel

3733. Need help with my new 2006!

Newsgroup: rec.radio.scanner
Date: 1994-05-13 22:10:29 UTC
From: bobwx1@nbnet.nb.ca
Message-ID: <bobwx1.8.0@nbnet.nb.ca>
Source record: 274386

Hello,

Well I just did it! I bought my new pro 2006. It did not have a "B" at the end of the part number but it did have a "B" at the beginning of the so-called DOC (dept. of communications in Canada) number. The salesman at RS assured me it was modifyable to get the cell range. How do I know if the modification is the old one of clipping the diode or not? I have opened it up and the diodes are in fact there but I don't know if I will still get the cell range by clipping them. If it is the newer version that has the processor, how do I know? Where is it located and how do I identify it. By the way I read on this list that you could tell when the scanner was manufactured by a sticker on the back. My says 12A3 which means Dec 93 I presume. I did not want to clip the diodes for nothing since it would not be returnable if they were clippped. Please help me.............

Bob Robichaud
bobwx1@nbnet.nb.ca

3734. Re: HELP!!! My 2way is screwd

Newsgroup: rec.radio.scanner
Date: 1994-05-13 23:06:02 UTC
From: drw@esl.com
Message-ID: <drw-130594160050@m41002.esl.com>
Source record: 274395

In article <2qojcp$3vm@mozz.unh.edu>, ckf@christa.unh.edu (Christopher K Fowler) wrote:

>
> Ok, the battery is charged, the configuration data is all correct, it's
> scanning properly, it hasn't been dropped, wet, anything....but now it
> won't recieve. I cross checked with a friend and he was getting everyting
> I should have been, so...I turned it off and left it alone for a while. A
> little bit later, IT WORKED!!...but today, it won't again. Does anyone
> know what could be going on. Does this happen often to two ways and/or
> scanners? HELP!! It's a brand new Relm WHS-150, very expensive but
> absolutely BEAUTIFUL. I really don't want to have to send it back. Please
> respond here or ckf@christa.unh.edu
>
> Thanks!
>
> Chris Fowler

Sounds like it's warranty time. BEAUTIFUL doesn't cut it, if it don't work! Seriously, if you aren't equipped to check it out fully, and it's new, you ought to return it. Or take it to a local radio shop for a check out. Might be hard to find a shop who will deal with a RELM, so you might need the shop manual if you go that route. Good luck.

Dave Waters WA6AWZ
drw@esl.com

3735. Re: Scanner BBS

Newsgroup: rec.radio.scanner
Date: 1994-05-14 00:09:32 UTC
From: jwh@kaiwan.com
Message-ID: <2r14rs$hl5@kaiwan.kaiwan.com>
Source record: 274389
Cross-posted to: rec.radio.scanner,alt.radio.scanner

John W. Herndon (jwh@kaiwan.com) wrote:
: I just opened up a new BBS serving the scanner community. I didn't want to
: post a huge ad because it may not be be appropriate for this newsgroup.
: If you would like more information email or finger jwh@kaiwan.com.

For those who called and found the validation process to be tedious..

I've completely changed the validation process and user access levels!
It's MUCH easier now..
--
[John W Herndon : One Stop Tech Shop BBS (310) 421-6766 / USR 14.4K DS]
[<jwh@kaiwan.com> : Ham Radio / SWL / Scanners / Computer Aided Design]
[Send Email For : 3 CD-ROMS online and still growing! Call & Explore!]
[More BBS Info! : --

3736. Re: WWW and Gopher request for BARC FTP site

Newsgroup: rec.radio.scanner
Date: 1994-05-14 00:52:31 UTC
From: ddtodd@ucdavis.edu
Message-ID: <ddtodd.83.0010E09E@ucdavis.edu>
Source record: 274390
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

In article <WY1Z.94May13120439@bach.coe.neu.edu> wy1z@bach.coe.neu.edu (Scott Ehrlich) writes:

>Could the people who maintain the WWW and Gopher systems (and others I am
>not aware of) please make sure your pointers for the BARC's FTP area point
>to oak.oakland.edu, /pub/hamradio directory.

>Otherwise, those who wish to access the site will not be able to with the
>present configuration.
If someone wants to use mosaic to access the BARC ftp site they can use the
following URL to get there
ftp://oak.oakland.edu/pub/hamradio
or
file://oak.oakland.edu/pub/hamradio
depending on what client you are running.

cheers,
Dan

==
Dan Todd ddtodd@ucdavis.edu kc6uud@ke6lw.#nocal.ca.us.na
Charter Member: Dummies for UNIX

When radios are outlawed, only outlaws will have radios
- David R. Tucker on rec.radio.amateur.policy
==

3737. Re: Detroit Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-14 01:53:12 UTC
From: you@somehost.somedomain
Message-ID: <2r1au8$1afk@inca.gate.net>
Source record: 274392

In article <2qodkq$jrf@engnews2.Eng.Sun.COM>, mkeiser@scca.Eng.Sun.COM (Mark Keiser - STE Legal) says:
>
>Greetings!
>
>After several years of working SCCA Pro Racing as a radio tech, I'm finally
>going to go to the Detroit Grand Prix (@ Belle Isle) as a spectator! I would
>be most grateful if anyone would post a list of interesting Detroit-area
>frequencies to listen to during the week. I suspect I can find the race
>frequencies (from experience), but would appreciate anything else that local
>Detroiters find interesting to monitor. I'll be staying in Dearborn,
>visiting Greenfield Village and the Rouge, and the RaceRock Cafe. And
>staying out of Detroit after dark (unless I go to the RenCen).
>
>Thanks in advance.
>
>Mark
>
>
>
>

Hello,

I grew up in dearborn, but left 3 years ago for sunny south FLA.
anyway here is a GOOD freq for Dearborn PD undercover 156.210 or
156.150 one of the two. main dispatch is 158.???? . As for Detriot
they are in the 453-454 band if I rember right. Also Intercity freq
is 155.370 this is all from memory but I think i'm right I hope this
helps.

p.s. STAY OUT OF DETRIOT AFTER DARK

3738. BC200XLT Almighty Secret Code of Death?

Newsgroup: rec.radio.scanner
Date: 1994-05-14 03:17:32 UTC
From: pjm@garnet.msen.com
Message-ID: <2r1fsd$fsn@nigel.msen.com>
Source record: 274393

Arghhh!!!

I know I've seen this posted at least twice, and I've saved it at least three times, but it keeps disappearing on me!!! So here comes that question again...

Does anyone know how to reset the BC200XLT so that all banks are cleared? Leaving the battery disconnected for extended periods doesn't count...

While you're at it, are there any other nice secret codes that can be used on this baby?

Thanks for the info, and sorry about the re-re-re-repost,
-Pete-

3739. 2026 sale coming up

Newsgroup: rec.radio.scanner
Date: 1994-05-14 06:19:02 UTC
From: stevem@inca.gate.net
Message-ID: <2r1qgm$t5c@inca.gate.net>
Source record: 274396

I don't know what the problem is with your 2026 because I've had mine since the day it came out and I love it.. I live in Fort Lauderdale and regularly drive with it to Miami (both heavy RF).. I have a 5/8 MNO mount 2m antenna on the mobile I use for it.. I have only had problems with the 2m band sneaking up into the federal vhf band.. The cell restore was simple, and it even seems to help keeping the cellular images out of the rest of the 800 band. I think you got yourself a bum scanner. I also have a few friends with the same radio and everyone is very happy with it. Have a qualified person look at it.. Definately not a design problem.

Steve KE4GFF 7 year scanner freak.

If you're that dead set against it I've got $50 sitting here for it!

3740. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-14 08:42:35 UTC
From: gkd@wpi.WPI.EDU
Message-ID: <2r22tr$2ja@bigboote.WPI.EDU>
Source record: 274397

In article <1994May13.100014.2337@hnrc.tufts.edu>,
Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
>
>I plead guilty to believing what I read in MT and the Grove Catalog.
>Guilty! Guilty!! GUILTY!!!
>I'll never do it again ! :-)
>
Is this the same MT which announed early last fall that the PRO2006 was
being discontinued and replaced with the non-cellular restorable PRO2007,
and that Grove Enterprises had bought the remaining supply of PRO2006
scanners from Tandy? And is this the same Grove Enterprises which
characterized the announcement as "premature" when I called to ask them
about it? Maybe they should start slipping little salt packets inside
those new MT plastic baggies to remind readers to take a few grains
with each article.

Greg

3741. Re: Cellular Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-14 13:21:20 UTC
From: steven@inca.gate.net
Message-ID: <2r2j8g$2qf8@inca.gate.net>
Source record: 274398

Cecil Williams (cwilliams@houston.wireline.slb.com) wrote:
: In article <xy-NMpn.lkrantz@delphi.com>, Lewis Krantz <lkrantz@delphi.com>
: wrote:

: > Can you sell a used ICOM 7100 which does receive Cellular Frequencies eventho
: > it is against the law to listen ?
: >
: > Thanks ?

: I just took delivery (purchased) in ICOM 7100 on 5/6/94 which was after the
: 4/26/94 cutoff date. From what I've read and been told, only the
: manufacture or importation of the ICOM 7100 or similar units was prohibited
: after 4/26/94. For those of us that own scanner capable units, the price
: should now appreciate in the used market. The dealer that I purchased my
: ICOM from told of an incident where one of the ICOM handheld cellular
: capable units was bought recently at a significant premium over its
: original price.

Not entirely true. The U.S. Customs still only requires FCC form 740 for
importing ANY non-certified device. This means that even though congress
passed a law making it illegal, there is no teeth in the law to enforce it.
I know, I have seen posts on other systems and received mail of people who
have purchased NEW units from Canada, Germany, and the U.K. as recent as
this past week -- which is definately beyond April 26. They had no
problem in obtaining the equipment.

In addition, Opto-Electronics in South Florida have started making a
add-on for the Pro-2004/5/6 scanners to _override_ the new blocked-in-CPU
versions which controls the scanner via rs232 from the computer.

This new hardware will electronically replace the CPU with it controlled
by non-regulated software. I hope they do this for more of the scanners.

Since the FCC does NOT regulate (1) software, (2) materials (such as
semiconductors and kits), and (3) an add-on does not constitute a finished
(ie, manufactured) product, there are ways around the boneheads in DC.

Steven
---
steven@sgb.oau.org -or- steven@gate.net (or sgbradley@aol.com)

3742. Modified PRO-2022 for sale

Newsgroup: rec.radio.scanner
Date: 1994-05-14 13:23:07 UTC
From: wisznie@ecf.toronto.edu
Message-ID: <CpsnuJ.oE@ecf.toronto.edu>
Source record: 274399

This is for a friend of mine.

For sale Realistic PRO-2022 scanner with the following features:

Frequency coverage - 30 - 54 MHz
108 - 136 MHz
136.005 - 174 MHz
380 - 512 MHz
806 - 960 MHz

Radio has been recently modified for cellular reception.

2 second scan delay
Selectable priority
Battery backup
Search function
10 monitor channels independent of the 200 scanner channels
Individual channel lockout

Radio is in an excellent condition, hardly ever used. My buddy bought it
about 3 years ago and used it for a total of maybe 2 hours.

Best offer takes it. I'll consider any offers.

--
o---o
| Sebastian Wiszniewski - CompEng - University of Toronto |
| Internet: wisznie@skule.ecf.toronto.edu |
o---o

3743. Re: Need help with my new 2006!

Newsgroup: rec.radio.scanner
Date: 1994-05-14 14:43:57 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May14.094357.2342@hnrc.tufts.edu>
Source record: 274400

In article <bobwx1.8.0@nbnet.nb.ca>, bobwx1@nbnet.nb.ca (Bob Robichaud) writes:
> Hello,
>
> Well I just did it! I bought my new pro 2006. It did not have a "B" at the
> end of the part number but it did have a "B" at the beginning of the so-
> called DOC (dept. of communications in Canada) number. The salesman at
> RS assured me it was modifyable to get the cell range. How do I know if the
> modification is the old one of clipping the diode or not? I have opened it
> up and the diodes are in fact there but I don't know if I will still get the
> cell range by clipping them.

I have *read* (but not seen) that the new 2006 does not have the diodes, BUT,
as another continuing thread underscores, I have been burned before by what I
have read (but not seen)!

3744. BEYOND POLICE CALL is out!

Newsgroup: rec.radio.scanner
Date: 1994-05-14 17:19:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <768933271.AA02892@rochgte.fidonet.org>
Source record: 274401

> From: plaws@comp..uark.edu (Peter Laws)
> Organization: University of Arkansas

> How is this different from Monitor America? Is it true that Richard
> Barnett (of Scanner Master) collaborated on this book? Inquiring
> minds want to know!

Monitor America covers a smattering of Public Safety and "special interest" listings for each state and major metro area. BPC is non-public safety non-aircraft non-rail listings (ie anything not in Police Call) for the whole country.

Beyond.. has no maps, codes, unit numbers, callsigns, PL tones or any of that stuff. Basically, Monitor America and Beyond Police Call are directed at different audiences.

And, Yes, Rich Barnett did edit BPC. BTW, I was the Upstate NY co-editor for Monitor America. And I am +highly+ impressed with Beyond Police Call. There aren't many scanner books that I will shell out for any more. I bought a copy of BPC. Rich and Co do nice work. :-)

==========
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

3745. Volume Control knob, Uniden Bearcat BC-55-XLT

Newsgroup: rec.radio.scanner
Date: 1994-05-14 17:55:25 UTC
From: danbury@BIX.com
Message-ID: <danbury.768938125@BIX.com>
Source record: 274402

When I listen to my Uniden Bearcat BC-55-XLT I hear
some really garbled sounds.

When I turn the volume control knob way down, and put the
speaker right next to my ear, I can hear the thing clearly.

Is this a defect ? Are the batteries weak ? I just put new
batteries in there a month or two ago, and since that time
I'm certain that they haven't had a hour's total use.

El-No-Comprend-o ....

3746. CB Mod

Newsgroup: rec.radio.scanner
Date: 1994-05-14 19:35:25 UTC
From: rainey@vax.sonoma.edu
Message-ID: <1994May14.113525.1@vax.sonoma.edu>
Source record: 274403

Okay, maybe this doesn't belong in the scanner section, but does anyone know of any MODS for the TRC-226 Citizen Band Transceiver? I'm sure there are some scanner geeks out there (like myself Pro-43 =)) who have some ideas. Or better yet, could someone direct me to a good place to start looking for CB MODS...

aNTOCh

3747. Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-05-14 20:22:02 UTC
From: skical@aol.com
Message-ID: <2r3bta$nkc@search01.news.aol.com>
Source record: 274404

I just bought a RS Pro-2006. So far, I'm dissapointed with the performance of it.
My hand-held scanner picks up reception of weak signals better.

Has anyone else out there experienced similar problems?

I'm going to return it, if I don't get better signals.

3748. SONY ICF-PRO80 NEED ANTENNA

Newsgroup: rec.radio.scanner
Date: 1994-05-14 21:18:52 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994May14.171340.1@cad3.uccb.ns.ca>
Source record: 274405

DOES ANYONE KNOW WHERE I CAN GET A REPLACEMENT ANTENNA
FOR A SONY SHORTWAVE RADIO (ICF-PRO80).

IF SO PLEASE CONTACT ME AT:

RLING@CAD.UCCB.NS.CA

3749. Re: best thing heard on scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-14 21:21:01 UTC
From: leicadude@aol.com
Message-ID: <2r3fbt$o7b@search01.news.aol.com>
Source record: 274406

There's a great tape going around full of cordless phone calls. The first call on the tape is a couple arguing about how the guy doesn't "clean out his garbage can". He can't figure out why that matters. Finally she lays it on him. "Tony, there were, like, condoms in your garbage can." He immediately starts yelling "THOSE WERE CONDOMS I USED ON YOU, DUMMY-FOOL!!!"

Classic.

3750. Bearcat 200XLT question

Newsgroup: rec.radio.scanner
Date: 1994-05-14 22:25:17 UTC
From: terupe@waikato.ac.nz
Message-ID: <1994May15.102517.28595@waikato.ac.nz>
Source record: 274407

I have a question about the range of the Bearcat 200XLT.
With the attenna the scanner comes with, What is the range the
scanner can pick things up from? Also I assume you can buy out dorr (Door)
antten as? that have better coverage, what I mean is better range?
I am not correct? If there is an outdoor antenna, what Model
is it? Also is there a good anteenna for a car?
Excuse all the spelling mistakes, computer goes apeshit, if I try
to correct them!

3751. NASCAR Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-05-15 00:51:55 UTC
From: Phillip Capps <pcapps@delphi.com>
Message-ID: <pK1P9ur.pcapps@delphi.com>
Source record: 274409

Hey guys,

This is a list I got in Darlington in March, 1994.

NO. DRIVER PRIMARY 2ND 3RD
---
1 Rick Mast 461.162 463.887
2 Rusty Wallace 461.587 463.450
3 Dale Earnhart 468.337 469.012 469.875
4 Sterling Marlin 464.300
5 Terry Labonte 468.212 469.487
6 Mark Martin 460.950
7 Geoff Bodine 466.475 467.075 461.475
8 Jeff Burton 465.887 466.087
9 Joe Ruttman 853.487 463.975
10 Ricky Rudd 465.737
11 Bill Elliott 855.512
12 Chuck Bown 467.575 467.725
13 Seal-Team Motorsports 468.962 469.962
13 Linro Motorsports 464.562
13 Mike Skinner 462.150
14 John Andretti 857.837
15 Lake Speed 457.525
16 Ted Musgrave 468.450
17 Darrell Waltrip 468.762 469.312
18 Dale Jarrett 466.012 467.762
19 Loy Allen, Jr. 464.025 467.000
20 Buddy Baker 466.275
21 Morgan Shepherd 855.287 854.787 855.037
22 Bobby Labonte 468.937 462.662
23 Hut Stricklin 469.837
24 Jeff Gordon 467.062
25 Ken Schrader 466.787
26 Brett Bodine 460.587
27 Jimmy Spencer (Watch out!) 855.562
28 Ernie Irvan 466.450 466.950
29 Steve Grissom 467.962 463.400
30 Michael Waltrip 466.300
31 Ward Burton 463.762 463.775
32 Dick Trickle 462.712
33 Harry Gant 468.775
35 Bill Venturini 468.925
36 H.B. Bailey 468.425
40 Bobby Hamilton 854.262 852.037
41 Joe Nemechek 461.212 468.837

42 Kyle Petty 852.037 852.412
43 Wally Dallenbach 852.187 852.087
45 Rick Bickle, Jr. 463.737
46 Al Unser, Jr. 469.487
49 469.637 469.612
52 Jimmy Means 465.687 466.912
53 Jerry O'Neil 466.487
53 Richie Petty 858.787
54 Robert Pressley 462.137
55 Jimmy Hensley 461.662
56 Jerry Hill 460.925
58 Ken Schrader (owner) 467.687
59 Andy Belmont 461.150 461.550
61 Rick Carelli 461.237 467.075
66 Mike Wallace 461.537 467.562
68 467.000 462.012
71 Dave Marcis 467.562
73 Phil Barkdoll 467.825 467.775
75 Todd Bodine 468.975
76 Bill Sedgewick 469.675
77 Greg Sacks 459.837
82 Mark Stahl 461.825
83 Lake Speed 859.812
87 Joe Nemechek 468.012
89 Jim Sauter 464.962
90 Bobby Hillin 467.162
95 Jeremy Mayfield 463.500
97 Chad Little 463.425
98 Derrike Cope 468.725 469.150
0 Delma Cowart 460.687 468.725
02 T.W. Taylor 466.150
03 Kerry Teague 468.812
05 Bill Meachum 468.512
06 Terry Byers 469.287

NASCAR CH1 464.500
NASCAR CH2 464.775
NASCAR CH3 464.900
NASCAR CH4 469.500
NASCAR CH5 465.025
NASCAR CH6 463.850
NASCAR 467.025
NASCAR 468.325
NASCAR PRIVATE CHANNELS 460.975 466.937 468.475
NASCAR SCORING AND TIMING 463.650

MRN RADIO 454.000

--
====================================================================*
* Phillip Capps * "Hot Damn, you'll learn!" *

```
* Goose Creek, SC * --My Father *
* Email: * (Words of Wisdom. *
* Internet: PCAPPS@delphi.com * Words, of, Wisdom.) *
* CompuServe: 74133,1020 * *
*================================*====================================*
```

3752. Re: SB-PRO/16 DSP as Filter?

Newsgroup: rec.radio.scanner
Date: 1994-05-15 01:42:02 UTC
From: steve@vigra.com
Message-ID: <STEVE.94May14184202@hobbes.vigra.com>
Source record: 274410

--=}>> On 12 May 94 23:50:06 -0800, rainey@vax.sonoma.edu said:

> Is there any software out there that would let one use the DSP chip
> on their computer sound card (SB-PRO/16) to work as a all purpose
> scanner filter. I mean all the important components are in the
> card/computer wouldn't you think? Also, anyone know of any really
> good deals on spectrum analizers? Prefferably one with it's own
> reciever...
> aNTOCh

The one important feature missing from the SoundBlaster (& Pro) cards
is the ability to do full-duplex audio. The card can either play or
record, but never both at the same time. This makes it useless for
doing anything in "real-time".

-Steve "I tried hard" Haehnichen

steve@vigra.com

3753. Re: CB Mod

Newsgroup: rec.radio.scanner
Date: 1994-05-15 02:34:01 UTC
From: strech1@aol.com
Message-ID: <2r41mp$rpv@search01.news.aol.com>
Source record: 274411

In article <1994May14.113525.1@vax.sonoma.edu>, rainey@vax.sonoma.edu writes:

>>Or better yet, could someone direct me to a good place
>>to start looking for CB MODS...

Try rec.radio.cb

I only know of a couple of President or Cobra mods

3754. Re: Strange 154.46 MHz transmissions

Newsgroup: rec.radio.scanner
Date: 1994-05-15 02:36:41 UTC
From: mulligan@ACM.ORG
Message-ID: <2r41rp$rkb@hopper.acm.org>
Source record: 274408
Cross-posted to: rec.radio.scanner,alt.radio.scanner

> ... some automated/computerized transmissions on 154.46 MHz.

154.46375 MHz (yep, it's specified down to 50 Hz) is assigned to Remote Control and Telemetry. It's used for peak load shedding by electric utilities.

/* barry /&

3755. Grand Prix

Newsgroup: rec.radio.scanner
Date: 1994-05-15 03:51:34 UTC
From: tmnichol@nps.navy.mil
Message-ID: <2r4686$3l1@sagan.nps.navy.mil>
Source record: 274412

Does anybody have the frequencies for the various teams racing in the Detroit Grand Prix? I would think they would be in the 450 mhz range due to the buildings and what not, but can anybody comfirm?

How about freqs for the network affiliates in Detroit; WXYZ, WDIV, etc..

Thanx

3756. Re: New 2006 Computer Control Board

Newsgroup: rec.radio.scanner
Date: 1994-05-15 04:01:54 UTC
From: wier@merlin.etsu.edu
Message-ID: <wier-140594220154@csci-wiermac.etsu.edu>
Source record: 274413

In article <1994May12.002903.879720@walnut.prs.k12.nj.us>,
pthompson@walnut.prs.k12.nj.us (Peter Thompson) wrote:

> Finally, since I have three Macs of various sizes at home, but no PCs, any
> suggestions on a cheap way to run this package? Perhaps SoftPC on the Mac?

This brings up a big question - are the Opto folks going to release
interface programming protocols? Or do you HAVE to use the PC based
software (ie, can't roll your own...)

======== insert usual disclaimers here ============
Bob Wier, East Texas State U., Commerce, Texas
keeper of the Adobe Photoshop, MC68HC11, ICOM mailing lists
wier@merlin.etsu.edu (watch for address change)

3757. Re: Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-05-15 04:41:15 UTC
From: kmorrill@strauss.udel.edu
Message-ID: <2r495b$gnu@strauss.udel.edu>
Source record: 274414

In article <2r3bta$nkc@search01.news.aol.com>, SKI CAL <skical@aol.com> wrote:
>I just bought a RS Pro-2006. So far, I'm dissapointed with the performance of
>it.
>My hand-held scanner picks up reception of weak signals better.
>
>Has anyone else out there experienced similar problems?
>
>I'm going to return it, if I don't get better signals.

I drove around for a week once with my ATT switch set to 10dB.
I thought the problem was with the antenna, because I knew how
sensitive the Pro-2006 is. If that is not your problem, you should
return it and get another 2006, not another scanner.

This week I am returning an Icom IC-R7100 because, side by side with
my 2006, it gravely disappoints me. I liked the seek and store feature,
but I can get that for more than a thousand dollars less.

To me, the 2006 is like what my teacher said of Shakespeare: if we
don't like him, the fault is ours, not his.

So I say, maybe something is wrong with that one unit, or maybe the
ATT switch is on 10dB, but please do not abandon the 2006 as a whole.

I am reminded of a quotation from Bob Parnass, in a comparative review
he wrote about the Icom R7000 and R7100:
"For fast, reliable scanning, you still can't beat a PRO-2006."
If I had heeded his words in that sentence, and stayed satisfied
with my pro-2006, I would not have ordered the R7100.

I like a scanner that I can operate with my eyes closed.

Could someone suggest a good companion scanner to the PRO-2006, one
that complements it by providing the seek and store that it lacks?

Also, I didn't notice a way to order the new Opto 2006 controller.
How do computer controllers broaden a scanner's features?

And what does one do about radio interference from the computer?
I can't scan 30-50 Mhz when my computer is on, but I want to use
my computer for logging and sorting frequencies.

Is Grove's Innova Powerpak the best source of portable 12 volt power?

When asking for the latest version of the M-400 Universal Decoder, how
do I reference the latest version?

Please email me or, if the answers might benefit many, post here.

Thanks to all who have helped me by posting here.

--
Ken Morrill <kmorrill@strauss.udel.edu>

3758. Wanted Icom R-100

Newsgroup: rec.radio.scanner
Date: 1994-05-15 05:38:07 UTC
From: hbarker@dsms.sanmateo.ca.us
Message-ID: <2r4cfv$7uu@enquirer.PowerHouse.COM>
Source record: 274415

I would like to trade for an Icom R-100.

Must be in mint condition.

Sorry if the following is a bit vague. Contact me, you might be
surprised.

What i have to offer:

Random computer stuff:
486 CPU chip
Two IC-02AT (well used, scuffed, but still work well)
Hard drives, 200 to ~600 meg.

Random NeXT (black) parts.
AOR Ar 950 scanner.

Random camera equipment.

Work NeXT Mail accepted | Home NeXT Mail accepted
hbarker@powerhouse.com | barker@mrcnext.cso.uiuc.edu
voice 415.462.3013 fax 415.780.4575 | fax 415.286.0327

3759. Re: Strange 154.46 MHz transmissions

Newsgroup: rec.radio.scanner
Date: 1994-05-15 06:11:45 UTC
From: paulrich@nbnet.nb.ca
Message-ID: <940515021145.F6C5@news.nbnet.nb.ca>
Source record: 274363
Cross-posted to: rec.radio.scanner,alt.radio.scanner

On 15 May 1994 02:36:41 GMT, mulligan@ACM.ORG writes:
>
>> ... some automated/computerized transmissions on 154.46 MHz.
>
> 154.46375 MHz (yep, it's specified down to 50 Hz) is assigned to Remote
>Control and Telemetry. It's used for peak load shedding by electric utilities.
>
> /* barry /&
>I heard the same thing in 400 mhz. i thought i ask you seem to know about it
its not in the ham band i know that but i forgot the freq. Thanks.

3760. twinlead J pole antenna general calculations (basic program)

Newsgroup: rec.radio.scanner
Date: 1994-05-15 07:06:08 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseCpu128.39v@netcom.com>
Source record: 274416
Cross-posted to: rec.radio.amateur.antenna,rec.radio.scanner

This is a short basic program for calculating required lengths of twinlead J poles for other VHF and UHF bands. This worked on an IBM PC clone with MSDOS 5.0's QBASIC. Now you can make a Jpole for something else than 2M! Or you can just walk thru the equasions with a calculator and pencil and paper. The twinlead I used matched the "PVC tube" figures, maybe the wooden stick I used to hold it had some effect. Antenna works well.

```
---cut here-----
11 REM Data taken from article in April 1982 QST by John S. Belrose, VE2CV
22 REM Program written by Marv Hayes, NF6G, 3/20/83.
33 REM trivial addition of PRINT statements WA2ISE's fault :-)
90 PRINT "These calculations are for a 'J' antenna made from 300 ohm"
91 PRINT "twin-lead such as Belden 8230 with a velocity factor of .8"
95 PRINT " "
100 INPUT "Please enter the design frequency in mHz";FREQ
105 PRINT " "
200 LAMBDA = 11811/FREQ
300 STUB = .83 * LAMBDA / 4
400 RADIATOR = .9650001 * LAMBDA / 2
500 TAP = LAMBDA * .0136
600 GAP = .25
1000 PRINT "DESIGN LENGTH OF LENGTH OF TAP GAP"
1100 PRINT " FREQ stub(1/4 WAVE) RADIATOR DISTANCE DISTANCE"
1200 PRINT "(mHz) (inches) (inches) (inches) (inches)"
1300 PRINT " "
1400 PRINT FREQ, STUB, RADIATOR, TAP, GAP
1890 PRINT " "
1900 PRINT "If this antenna will be enclosed inside a PVC plastic tube,"
1901 PRINT "the dimensions should be reduced (multiply by 0.95)."
1905 PRINT " "
1910 STUB = STUB * .95
1920 RADIATOR = RADIATOR * .95
1930 TAP = TAP * .95
1950 PRINT FREQ, STUB, RADIATOR, TAP, GAP
1953 PRINT " "
1958 PRINT " v-- coax connects here, center > point c, shield > point s"
1960 PRINT " __s_____________________________________________________"
1961 PRINT "!__c_____________ _____________________________________"
1978 PRINT "^ ^ ^ ^"
1981 PRINT "^tap gap "
1984 PRINT "<-->"
1985 PRINT "<- - - stub - - ->"
1991 PRINT " <- length of radiator - - - - - - - - - >"
1994 PRINT " "
```

```
1998 PRINT "coax needs choke near feedpoint, 3 or 4 turns 2 inch loops"
1999 PRINT "of coax, or ferrite beads over outer jacket of coax."
2000 END
----cut here-----
```

3761. Re: Need help with my new 2006!

Newsgroup: rec.radio.scanner
Date: 1994-05-15 07:40:38 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseCpu2nq.4uB@netcom.com>
Source record: 274417

In article <1994May14.094357.2342@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
>
I have *read* (but not seen) that the new 2006 does not have the diodes, BUT,
>as another continuing thread underscores, I have been burned before by what I
>have read (but not seen)!

I bought a '2006 a month and 1/2 ago, and did the mod, and it works.
Date code 8A3, model 20-145A.

3762. AR1000xlt Trident TR-1200???

Newsgroup: rec.radio.scanner
Date: 1994-05-15 09:03:56 UTC
From: kstruck@netcom.com
Message-ID: <kstruckCpu6IL.7xo@netcom.com>
Source record: 274418

Recently I have purchased a new Scanner which was supposed to be an AR-1000xlt, but they sent me a Trident TR-1200. At first I thought tehy were different but the manual is exactly the same except for the first and last pages, all the other pages refer to the AR1000. It seems to be programmable the same way the AR1000 is. So my question is does anyone know the difference between the 2 scanners? Any help would be appreciated.

Kevin...

Kevin Struckman
Internet: kstruck@netcom.com

--
kstruck@netcom.com

3763. Re: Freqs for Okla HP wanted

Newsgroup: rec.radio.scanner
Date: 1994-05-15 12:39:40 UTC
From: ev970@cleveland.Freenet.Edu
Message-ID: <2r556c$pt0@usenet.INS.CWRU.Edu>
Source record: 274419

In a previous article, ajohnnyboy@aol.com (AJohnnyBoy) says:

>Does anyone have any freqs forthe Oklahoma Highway Patrol? I am intrested in
>the 800 meg freqs. Any help would be appreciated.
>

Freq. Name
-------- ----------------------------------
44.7000 Oklahoma Highway Patrol
44.9000 Oklahoma Highway Patrol
45.1000 Oklahoma Highway Patrol
45.1800 Oklahoma Highway Patrol
45.2200 Oklahoma Highway Patrol
138.0500 OK Hwy Patrol Backup
138.0500 Okla. Highway Patrol (Air Support)
154.6800 Oklahoma Highway Patrol
154.6950 Okla. Highway Patrol (Car to Car)
154.6950 Oklahoma Highway Patrol Repeater
154.7100 Oklahoma Highway Patrol
154.9050 Okla. Highway Patrol CHIPS Detector
154.9050 Oklahoma Highway Patrol Repeater
154.9200 Oklahoma Highway Patrol Repeater
154.9350 Oklahoma Highway Patrol Repeater
155.3100 Okla. Highway Patrol (Base)
155.3100 Oklahoma Highway Patrol Repeater
155.4450 Oklahoma Highway Patrol
155.4600 Oklahoma Highway Patrol
155.4750 Okla. Highway Patrol SWAT Team TAC
159.2100 Oklahoma Highway Patrol Repeater
859.2325 Oklahoma Highway Patrol Troop A
860.2325 Oklahoma Highway Patrol Troop A
861.2125 Oklahoma Highway Patrol
861.2325 Oklahoma Highway Patrol Troop A
862.2125 Oklahoma Highway Patrol
862.2325 Oklahoma Highway Patrol Troop A
863.2125 Oklahoma Highway Patrol
864.2125 Oklahoma Highway Patrol Main
865.2125 Oklahoma Highway Patrol

3764. COMPUTER INTERFACE WITH 2006 ????

Newsgroup: rec.radio.scanner
Date: 1994-05-15 13:25:02 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994May15.092040.1@cad3.uccb.ns.ca>
Source record: 274420

DOES ANYONE HAVE THEIR PRO-2006 RUNNING BY A COMPUTER INTERFACE?
IF SO , WHAT KIND OF NEET STUFF CAN YOU DO WITH IT?
WHAT IS INVOLVED TO CONVERT YOUR SCANNER?
I AM THINKING ABOUT HAVING IT DONE! SHOULD I??
ANY COMMENTS.

THANKS IN ADVANCE
RLING@CAD.UCCB.NS.CA

3765. Re: Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-05-15 13:38:04 UTC
From: skiingcal@aol.com
Message-ID: <2r58js$7v4@search01.news.aol.com>
Source record: 274421

In article <2r495b$gnu@strauss.udel.edu>, kmorrill@strauss.udel.edu (Kenneth J Morrill) writes:

Thanks Kenneth for your help. However, I adjusted the ATT switch and still find it less sensitive. I'm speaking primarily with the aviaition band - 118.00-136.00. While I believe it's a great scanner it just doesn't perform as well as my other scanners, and that's what I need performance. I could care less about all the search and store features. My other scanners are: RS PRO-2001 and the Bearcat 205XLT. The Bearcat stomps all over it and the old reliable 2001 is the best base unit ever made, in my opinion.

3766. bc200xlt reset

Newsgroup: rec.radio.scanner
Date: 1994-05-15 14:27:53 UTC
From: jpotts@crl.com
Message-ID: <2r5bh9$eto@crl2.crl.com>
Source record: 274422

You can reset the bc200 by pressing the [MANUAL] [2] [9] keys and then turning on the radio. You can also set the radio up with some factory test frequencies by pressing [SCAN] [2] [9] keys and the turning on the radio.

John

3767. Re: Need Help With My Ne

Newsgroup: rec.radio.scanner
Date: 1994-05-15 14:30:02 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <768994202@f747.n115.z1>
Source record: 274423

BR> Well I just did it! I bought my new pro 2006. It did not have a "B" at
BR> the end of the part number but it did have a "B" at the beginning of
BR> the so- called DOC (dept. of communications in Canada) number. The
BR> salesman at RS assured me it was modifyable to get the cell range. How
BR> do I know if the modification is the old one of clipping the diode or
BR> not? I have opened it up and the diodes are in fact there but I don't
BR> know if I will still get the cell range by clipping them. If it is the
BR> newer version that has the processor, how do I know? Where is it
BR> located and how do I identify it. By the way I read on this list that
BR> you could tell when the scanner was manufactured by a sticker on the
BR> back. My says 12A3 which means Dec 93 I presume. I did not want to clip
BR> the diodes for nothing since it would not be returnable if they were
BR> clippped. Please help me.............

Bob...Just clip the diode behind the keypad. The diode is behind the
number 3. Clipping the second diode close by will enable 30 cps scan rate
instead of the 26 cps the radio is manufactured as. There is no ill
effects clipping the second diode.

Jerry
* Evaluation copy of Silver Xpress. Day # 0
* Silver Xpress V4.00

3768. Re: Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-05-15 14:30:04 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <768994204@f747.n115.z1>
Source record: 274424

SC> From: skical@aol.com (SKI CAL)

SC> I just bought a RS Pro-2006. So far, I'm dissapointed with the
SC> performance of it.
SC> My hand-held scanner picks up reception of weak signals better.

SC> Has anyone else out there experienced similar problems?

SC> I'm going to return it, if I don't get better signals.

The 2006 is known to not be as sensitive as other scanners. This is a good thing/bad thing. The good thing is that the scanner is not plagued by intermod as other scanners can be. The bad thing is what you described.

The 2006 is a star performer. You may want to try an external antenna to see if that will help.

Also, BE SURE that the ATT switch behind the scanner is NOT set at 10. The switch should be set at 0. If set to 10, the unit will not pick up weak signals.

Jerry
* Evaluation copy of Silver Xpress. Day # 0
* Silver Xpress V4.00

3769. Re: Bc200xlt Almighty Se

Newsgroup: rec.radio.scanner
Date: 1994-05-15 14:30:06 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <768994206@f747.n115.z1>
Source record: 274325

E> From: pjm@garnet.msen.com (Elvis)

E> Arghhh!!!

E> I know I've seen this posted at least twice, and I've saved it at least
E> three times, but it keeps disappearing on me!!! So here comes that
E> question again...

E> Does anyone know how to reset the BC200XLT so that all banks are cleared?
E> Leaving the battery disconnected for extended periods doesn't count...

I believe that you have to press MAN, 2 and 9 at the same time while the
unit is off, then turn the unit on. This will clear all of the channels.
SCAN,2,9 then turning the unit on will load 20 preset freqs.

Jerry
* Evaluation copy of Silver Xpress. Day # 0
* Silver Xpress V4.00

3770. Re: Scanning Trunked Syst

Newsgroup: rec.radio.scanner
Date: 1994-05-15 16:32:16 UTC
From: Rickey.Stein@illusion.metronj.org
Message-ID: <c55_9405152203@nisc.fidonet.org>
Source record: 274326

There are two devices sold by a company called COMSEC Associates 2219 W Olive Ave Burbank CA 91506 1-800-990-0911. The SA-78 senses and mutes the radio when the tones are received. {Trunking Tone Elimator}. The SA80 is the Noise and Data Silencer- elimates the buzz saw noise produced by trunking systems. $29.95 each. Available for a number of scanners.

.

Rickey Stein
International Editor RCMA

3771. Re: Modified PRO-2022 for sale

Newsgroup: rec.radio.scanner
Date: 1994-05-15 17:26:18 UTC
From: el124@cleveland.Freenet.Edu
Message-ID: <2r5lvq$foj@usenet.INS.CWRU.Edu>
Source record: 274327

>What do you mean "Modified for cellular reception." The PRO-2022 came
>ready for cellular reception. I know. I have one (of course I NEVER
>listen to cellular calls, because that would be ILLEGAL).

Not mine. I had to snip a diode to receive cellular activity. It was
blocked out before I made the mod. When did you buy your 2022? Maybe
some of the earlier ones came ready for cellular. I bought mine when
they were closing out that model.
--
Mike Wilson COM-ASEL-IA
Spirit of St. Louis, MO
Email: Internet--wilson@sluvca.slu.edu ----------------------
Compuserve--75163,45

3772. Re: AR1000xlt Trident TR-1200???

Newsgroup: rec.radio.scanner
Date: 1994-05-15 17:53:30 UTC
From: schuster@panix.com
Message-ID: <2r5niq$idr@panix2.panix.com>
Source record: 274328

In article <kstruckCpu6IL.7xo@netcom.com>,
Kevin Struckman <kstruck@netcom.com> wrote:
>
> Recently I have purchased a new Scanner which was supposed to be an
>AR-1000xlt, but they sent me a Trident TR-1200. At first I thought
>tehy were different but the manual is exactly the same except for the
>first and last pages, all the other pages refer to the AR1000. It seems
>to be programmable the same way the AR1000 is. So my question is does
>anyone know the difference between the 2 scanners? Any help would
>be appreciated.

Scanners manufactured by Nissei are sold under many different brand names
(AOR, Camnis, Trident, Fairmate, etc). Since ACE Communications lost the
right to sell the AOR brand, they are now selling Tridents.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3773. Re: Alpha paging software for Macintosh

Newsgroup: rec.radio.scanner
Date: 1994-05-15 18:30:07 UTC
From: mpage@netcom.com
Message-ID: <mpageCpuwq9.Bu3@netcom.com>
Source record: 274329

Stephen Anthony Chinatti (chinatti@tucson.Princeton.EDU) wrote:
: I was wondering if anyone knew of any (or has) alphanumeric paging
: software available for the Macintosh. This software works with a
: modem and dials up the paging carrier's computer and enters the
: message.

: Thanks in advance,
: Steve
: --
: ---
: Steve Chinatti, EMTA, EECS student, Princeton University, Princeton, NJ
: internet:chinatti@phoenix.Princeton.EDU bitnet:chinatti@pucc.bitnet
Check with your local sales office of Mobile Comm and ask them to sel you a
copy of MMS for the MAC. It is a GREAT program and com es in vs for Dos,
Windows and MAC. It costs about $29.00.
--
==========
| Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436 | |
|==========
	MEDIA PAGE
Internet: mpage@netcom.com	Breaking News Stories to
CIS: 71674,1610	the News Media since 1978
==========

3774. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-15 18:32:52 UTC
From: ccopreb@phantom.oit.gatech.edu
Message-ID: <2r5psk$7q6@phantom.oit.gatech.edu>
Source record: 274330

In <1994May13.100014.2337@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
>>> Not true. Regardless of what Monitoring Times reported, by FCC
>>> defintion the PRO-43 _is_ easily modifiable by the end user.
>>
>> I have seen the newer PRO-43, it is not restorable.

How can you tell a new (unrestorable) Pro-43 from an old (restorable)
one? Is there a different part number or something, or do you just
have to find the serial number cutoff? For what it's worth, my Pro-43
(S/N 07422x) is restored and works fine?
--
Earl Barfield -- Operations Department / Information Technology
Georgia Institute of Technology, Atlanta Georgia, 30332
Internet: Earl.Barfield@oit.gatech.edu ccopreb@prism.gatech.edu
earl@fantasy.gatech.edu ccopreb@oit.gatech.edu

3775. Cheap Discone Antennas

Newsgroup: rec.radio.scanner
Date: 1994-05-15 18:46:37 UTC
From: asplund@girtab.usc.edu
Message-ID: <2r5qmd$mgo@girtab.usc.edu>
Source record: 274361
Cross-posted to: alt.radio.scanner,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

Hello all,

Recently I saw an ad in one of the hundreds of scanner/ham radio magazines I subscribe to for an inexpensive (around $29.95) discone antenna. However, I cannot seem to find the ad after many hours of looking. Since I am looking to purchase five of these antennas, I would like to find the best deal possible.

If anyone knows of a good source for inexpensive discone antennas, I would appreciate it if you passed the information along to me at: asplund@aludra.usc.edu.

Thank you for the help.
--Daryl

3776. Yaesu FT-726R

Newsgroup: rec.radio.scanner
Date: 1994-05-15 18:51:45 UTC
From: asplund@girtab.usc.edu
Message-ID: <2r5r01$mli@girtab.usc.edu>
Source record: 274331
Cross-posted to: alr.radio.scanner,rec.radio.scanner,rec.radio.misc.amateur,rec.radio.shortwave

Hello all,

I recently picked up a Yaesu 726R at a local hamfest. I have just ordered the user's manual from Yaesu, but was wondering if there were any modifications to the radio to enhance its performance.

If you know of a modification for the Yeasu FT-726R please send me mail at: asplund@aludra.usc.edu.

Thank you in advance.
--Daryl

3777. Re: Need help with my new 2006!

Newsgroup: rec.radio.scanner
Date: 1994-05-15 18:57:16 UTC
From: rpetteng@pipeline.com
Message-ID: <2r5rac$d5o@pipeline.com>
Source record: 274332

bobwx1@nbnet.nb.ca (Bob Robichaud) wrote:
>
>Well I just did it! I bought my new pro 2006. It did
>not have a "B" at the end of the part number but it
>did have a "B" at the beginning of the so- called DOC
>(dept. of communications in Canada) number. The
>salesman at RS assured me it was modifyable to get the
>cell range. How do I know if the modification is the
>old one of clipping the diode or not? I have opened it
>up and the diodes are in fact there but I don't know if
>I will still get the cell range by clipping them. If it
>is the newer version that has the processor, how do I
>know? Where is it located and how do I identify it. By
>the way I read on this list that you could tell when
>the scanner was manufactured by a sticker on the back.
>My says 12A3 which means Dec 93 I presume. I did not
>want to clip the diodes for nothing since it would not
>be returnable if they were clippped. Please help
>me.............

The 2006 that is NOT cellular restorable won't have the diode.

Go ahead and clip it. Don't remove the diode just clip it once where the diode lead curls up and over like the end of a paper clip. If you ever need to return the radio just resolder the clipped lead. I did it once when I had to return my 2004 for service not connected with the clipped diode but RS replaced the diode anyway and I simply clipped it when I got the radio back.

Roger Pettengill - rpetteng@pipeline.com

3778. Re: Alpha paging software for Macintosh

Newsgroup: rec.radio.scanner
Date: 1994-05-15 19:00:14 UTC
From: ccopreb@phantom.oit.gatech.edu
Message-ID: <2r5rfu$823@phantom.oit.gatech.edu>
Source record: 274333

>I was wondering if anyone knew of any (or has) alphanumeric paging
>software available for the Macintosh. This software works with a
>modem and dials up the paging carrier's computer and enters the
>message.

There is a 100 page or so information booklet available from Motorola
that lists just about every software package that talks to alpha
pagers. The broshure is called "NewsStream, NewsCard, Third Party
Referral Guide To Alpha and Data Paging" , dated 04 March, 1994.

The phone number given is 1-800-542-7882, but I'm not sure if that's
the correct one to order a broshure. Rumor has it that you have to
ask for the broshure exactly by name, or the operator doesn't know
what you're talking about. The guy who appears to be in charge of
maintaining the data in the broshure is Rob Lockhart, Resource
Manager, Interactive Data Systems. His internet address is
Lockhart-EPAG06_Rob@Email.Mot.Com.

A quick look at the Mac page, shows the following programs:

PagerPRO and NetWORKS from Caravelle Networks Corp.
U-Page, U-Page Pro, and QM-MailBeep from Desktop Paging Software, Inc.
ALFIE-Jr./Mac from EVTEK Corp.
Notify! and Update! from Ex Machina, Inc.
AlphaPage MAC and AlphaPage MAC LAN from Information Radio Technology, Inc.
McPAGE from Metriplex, Inc.
Pop-Page from Statistical Control Systems Corp.
QM-PAGE and QM-PAGE SD from Wolf Creek Technologies, Inc.

All standard disclaimers: I've never seen any of these, I don't own an
alpha pager, and I hate Macs. :-)

--
Earl Barfield -- Operations Department / Information Technology
Georgia Institute of Technology, Atlanta Georgia, 30332
Internet: Earl.Barfield@oit.gatech.edu ccopreb@prism.gatech.edu
earl@fantasy.gatech.edu ccopreb@oit.gatech.edu

3779. Source of frequencies for Canada(Toronto, Ontario).

Newsgroup: rec.radio.scanner
Date: 1994-05-15 19:09:46 UTC
From: gesman@io.org
Message-ID: <2r5s1q$sua@ionews.io.org>
Source record: 274334

Does anyone knows the good source of frequencies for Toronto?
I already have Haruteq Scanner Book 10-th an.
Any opinions about "Monitor the World" book? (which I never saw in local
bookstores). Some times I do occasional travels to USA (NY, Connecticut),
so having US freqs list would be good also.
Any good magazines to subscribe on? I know only "Popular Communications",
which has a lot of unrelated stuff.
Thanks,

--
Gleb Esman.

3780. Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-05-15 19:10:28 UTC
From: stevem@inca.gate.net
Message-ID: <2r5s34$23l8@inca.gate.net>
Source record: 274335

The Innova Power Pack: I have 2 and a friend has one.. We both HATE THEM! There is a board inside that controls charge rates and it doesn't allow the battery to reach a full charge. The power module also requires REALLY CLEAN DC or else all 3 lights go on and nothing happens. We ended up taking out the Rocket 6.5 ah 12v gel cells and using them with constant current chargers (12v wall adapters, low current). Everything is fine now. Unless these guys have changed the design, get a gel cell and save a bunch of money.

73 Steve KE4GFF

3781. What happened to Tandy National Parts?

Newsgroup: rec.radio.scanner
Date: 1994-05-15 20:10:24 UTC
From: upsetter@mcl.ucsb.edu
Message-ID: <2r5vjg$rtp@ucsbuxb.ucsb.edu>
Source record: 274336

There used to be an 800 number for Tandy National Parts which you
could use to order parts and service manuals for Radio Shack equipment.
I called 800 directory service but they didn't have the number. So
I called a local Radio Shack, and they said the number was for 'internal
use only'. Does anyone know what the deal is, or have the number?

-Jason

3782. Re: SONY ICF-PRO80 NEED ANTENNA

Newsgroup: rec.radio.scanner
Date: 1994-05-15 20:15:59 UTC
From: schuster@panix.com
Message-ID: <2r5vtv$e9@panix2.panix.com>
Source record: 274337

In article <1994May14.171340.1@cad3.uccb.ns.ca>,
<rling@cad3.uccb.ns.ca> wrote:
>DOES ANYONE KNOW WHERE I CAN GET A REPLACEMENT ANTENNA
>FOR A SONY SHORTWAVE RADIO (ICF-PRO80).
>
>IF SO PLEASE CONTACT ME AT:
>
>RLING@CAD.UCCB.NS.CA

Sony National Parts should have it.
Try calling 800-488-7669 and ask ... be prepared for sticker shock.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3783. Re: Modified PRO-2022 for sale

Newsgroup: rec.radio.scanner
Date: 1994-05-15 20:39:02 UTC
From: mendosa@coyote.rain.org
Message-ID: <2r6196$4mq@coyote.rain.org>
Source record: 274338

Mike Wilson (el124@cleveland.Freenet.Edu) wrote:

> >What do you mean "Modified for cellular reception." The PRO-2022 came
> >ready for cellular reception. I know. I have one (of course I NEVER
> >listen to cellular calls, because that would be ILLEGAL).

> Not mine. I had to snip a diode to receive cellular activity. It was
> blocked out before I made the mod. When did you buy your 2022? Maybe
> some of the earlier ones came ready for cellular. I bought mine when
> they were closing out that model.
> --
> Mike Wilson COM-ASEL-IA
> Spirit of St. Louis, MO
> Email: Internet--wilson@sluvca.slu.edu ----------
> Compuserve--75163,45

I also bought mine when they were closing it out. On Oct. 10, 1993 to be
precise. Knowing how noisy I am, the manager told me about it and that
they were no longer being made. Just don't ask me how I know that you can
receive cellular activity!
--
==========
Rick Mendosa, Freelance Writer, phone (805) 684-5642, fax: (805) 684-5408
5700 Via Real, Suite 126, Carpinteria, CA 93013 mendosa@rain.org
==========

3784. Re: HELP!!! My 2way is screwd

Newsgroup: rec.radio.scanner
Date: 1994-05-15 20:50:48 UTC
From: af546@yfn.ysu.edu
Message-ID: <2r61v8$7l1@news.ysu.edu>
Source record: 274339

With 412 RELM Dealers nationwide and over 180 Relm Plus service shops, it seems like your best bet is to return it for warranty service. Recently the factory warranty turn around time has been about two and a half weeks.

Here is some contacts.....
Lenny Gunsch at the West Melbourne Factory repair facility.
Toll Free 1-800-422-6281 (He has been very helpful on over the phone information to us)
If you e-mail me your location, I can give you the nearest RELM Plus service facility.

Take care and good luck

Tony Rossi
T O P Communications
Authorized RELM,Ritron and Uniden Two Way Service e in Greater Cincinnati
--

3785. Re: Disney Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-05-15 21:24:29 UTC
From: cleader@netcom.com
Message-ID: <cleaderCpv4su.Fy7@netcom.com>
Source record: 274340

```
: Yes, they are moving to a trunked system at Disneyland. We will be co-channel
: users so I've been following it quite closely.
: */ David S. Taylor Texas A&M '87 Engineer, RF Systems /*
: */ Chevron Information Technology Co. Base Technology Dept. /*
: */ 1300 South Beach Blvd. Rm 2187 dtay@chevron.com /*
: */ La Habra, CA 90631 310-694-7280 /*
: */ /*
: */ If you want truly to understand something, try to change it." /*
: */ - Kurt Lewin - /*

Okay, what are the frequencies for their trunked system?
Charles
```

3786. Re: MOD & STEP SIZE

Newsgroup: rec.radio.scanner
Date: 1994-05-15 21:40:54 UTC
From: tharrell@opus.nmsu.edu
Message-ID: <2r64t6$j18@dns1.NMSU.Edu>
Source record: 274341

bo4373ch@meteor.uscolo.edu wrote:
:
: Does the PRO-43 has a "hidden" step size like the BC-2500 or PRO-2006 for
: the cellular frequencies ? Or is the 12.5 the only step size ?
:
:
The PRO-43 steps through the cell range at 30kHz. What I don't like is
that it steps through the 894-896 airphone range at 30kHz too, when the
proper step size is 6kHz. Other than that, good radio.
--

T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

3787. Re: single ch x-tal receiver?

Newsgroup: rec.radio.scanner
Date: 1994-05-15 22:51:44 UTC
From: jherman@uhunix3.uhcc.Hawaii.Edu
Message-ID: <Cpv8u8.HtH@news.Hawaii.Edu>
Source record: 274156
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

In article <2qv53m$qev@pace2.cts> mladair@mtu.edu (Matthew Adair) writes:
>
>Does anybody out there know of any single channel receivers that
>run off of crystals? (ie scanner crystals) Preferably something
>cheap. Kits are fine.

I just received a catalog from the Tele Path Corporation - they deal
in used vhf/uhf commercial gear. Give them a call and explain your
needs; their prices are very reasonable.

Example: Motorola Mocom 70, 450-470 mc, $19 each (5 or more).

Other Moto goodies: Syntor, Spectra 900, Mostar, MTX handhelds,
Syntor X and X2, Traxar, STX handhelds, Spectra, MCR/MCX 100,
Micor, Mitrek, Flexar Base, Mitrek Base, Mocom 70 Base,
Micor Repeater, MX 300 handheld, HT90/450 HT, HT600/P200 HT,
MT1000 HT, Saber HT, P100/HT50 HT, MT1000MVA, Pulsar.

I won't list the GE, Johnson, Uniden, and RCA stuff.

Accessories include cavities, duplexers, isolators, combiners, tone
boards, amps, repeaters; also a 30,000 tone reed and TCXO bank.

Their telephone number is 800-292-1700 (Calif: 510-656-5600);
address: Tele-Path Corp.
49111 Milmont Drive
Fremont, CA 94538

They say, ``Thousands of used and reconditioned mobiles, bases, repeaters,
portables, pagers and mobile telephones... We take trade-in equipment...
Technical support.''

Disclaimer: I have no business interest in Tele-Path and have never
bought any item from them. I just have fun browsing through their
catalog.

Jeff NH6IL

3788. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-15 23:00:58 UTC
From: <>
Message-ID: <B8E2E4E5@stormbbs.dmc.com>
Source record: 274342

Last changed: March 16, 1994 |

Introduction to Scanning
by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, where to get it repaired if required, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves between 49.67 and 49.99 MHz by their sensitive baby monitor intercom.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. Change is in the wind -- it will soon be illegal for companies to sell scanners which cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have recently enacted laws against listening to cordless phones, but it's currently legal to listen in most states. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend AOR brand scanners.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you

get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners almost always provide more audio than portables, and portables are usually more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band unless you live in a very rural area where this band is not used. Usage of the 800 MHz band is growing by leaps and bounds.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting

#! rnews 6851
Path: stormbbs!parnass@ihlpf.att.com
From: PARNASS@IHLPF.ATT.COM@stormbbs.dmc.com (parnass@ihlpf.att.com)
Newsgroups: rec.radio.scanner
Subject: Introduction to Scanning
Message-ID: <CF8E1CF5@stormbbs.dmc.com>
Date: Sun, 15 May 1994 23:01:01 GMT
Organization: Storm BBS 1-507-282-0821 Rochester, MN
Distribution: world

Last changed: March 16, 1994 |

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You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners almost always provide more audio than portables, and portables are usually more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band unless you live in a very rural area where this band is not used. Usage of the 800 MHz band is growing by leaps and bounds.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting

3789. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-15 23:01:01 UTC
From: <>
Message-ID: <CF8E1CF5@stormbbs.dmc.com>
Source record: 274343

Last changed: March 16, 1994 |

Introduction to Scanning
by Bob Parnass, AJ9S

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This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, where to get it repaired if required, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves between 49.67 and 49.99 MHz by their sensitive baby monitor intercom.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. Change is in the wind -- it will soon be illegal for companies to sell scanners which cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have recently enacted laws against listening to cordless phones, but it's currently legal to listen in most states. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend AOR brand scanners.

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3790. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-15 23:01:04 UTC
From: <>
Message-ID: <2BB96140@stormbbs.dmc.com>
Source record: 274344

coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to most scanner owners.

Currently, the more popular scanners include the Uniden/Bearcat 760XLT (a/k/a 950XLT) and Radio Shack PRO-2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT) and Radio Shack PRO-43 portables.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be somewhat more prone to lightning strikes because they are not at "DC ground."

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Service Merchandise and Circuit City sell scanners, but carry just a few models. Department stores, like Sears and Montgomery Wards, sometimes offer scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

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Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

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Scanner Repair Shops

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1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

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#! rnews 6467
Path: stormbbs!parnass@ihlpf.att.com
From: PARNASS@IHLPF.ATT.COM@stormbbs.dmc.com (parnass@ihlpf.att.com)
Newsgroups: rec.radio.scanner
Subject: Introduction to Scanning
Message-ID: <F320A799@stormbbs.dmc.com>
Date: Sun, 15 May 1994 23:01:07 GMT
Organization: Storm BBS 1-507-282-0821 Rochester, MN
Distribution: world

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3791. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-15 23:01:07 UTC
From: <>
Message-ID: <F320A799@stormbbs.dmc.com>
Source record: 274345

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3792. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-15 23:01:10 UTC
From: <>
Message-ID: <84AF1B00@stormbbs.dmc.com>
Source record: 274346

cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

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Grove enterprises sells FCC license information on floppy disks. Disks for each state are sold separately, and the information is basically the same as the FCC "state sort," i.e., transmitter location (state/city), callsign, licensee name, and type of license.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
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If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.
#! rnews 7260
Path: stormbbs!parnass@ihlpf.att.com
From: PARNASS@IHLPF.ATT.COM@stormbbs.dmc.com (parnass@ihlpf.att.com)
Newsgroups: rec.radio.scanner
Subject: Introduction to Scanning
Message-ID: <C118F2E2@stormbbs.dmc.com>
Date: Sun, 15 May 1994 23:01:14 GMT
Organization: Storm BBS 1-507-282-0821 Rochester, MN
Distribution: world

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3793. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-15 23:01:14 UTC
From: <>
Message-ID: <C118F2E2@stormbbs.dmc.com>
Source record: 274347

cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

Grove enterprises sells FCC license information on floppy disks. Disks for each state are sold separately, and the information is basically the same as the FCC "state sort," i.e., transmitter location (state/city), callsign, licensee name, and type of license.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

3794. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-15 23:01:16 UTC
From: <>
Message-ID: <F9D964DB@stormbbs.dmc.com>
Source record: 274348

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of good product reviews and scanning tips.

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Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. Rick Christian advises these strict

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1. No discussion of cellular modifications or discussions on how to monitor cellular transmission.
2. No discussions on topics which would violate the ECPA '84, TDDRA '93, (18 USCA 2510 et seq.) or Communications Act 1934 & 1984 as amended (47 USCA 705), i.e., decoding/reception of paging, cellular, encrypted stuff, descrambling etc..
3. No Aliases.
4. No discussion of Shortwave or Amateur Radio material (except SAREX).

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R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

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In body: get aoscinfo.zip

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attn. Kim & Ted Moran
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Chicago, IL 60646

Many CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and
#! rnews 6175
Path: stormbbs!parnass@ihlpf.att.com
From: PARNASS@IHLPF.ATT.COM@stormbbs.dmc.com (parnass@ihlpf.att.com)
Newsgroups: rec.radio.scanner
Subject: Introduction to Scanning
Message-ID: <EBC6D19F@stormbbs.dmc.com>
Date: Sun, 15 May 1994 23:01:20 GMT
Organization: Storm BBS 1-507-282-0821 Rochester, MN
Distribution: world

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3795. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-05-15 23:01:20 UTC
From: <>
Message-ID: <EBC6D19F@stormbbs.dmc.com>
Source record: 274349

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3796. Re: What happened to Tandy National Parts?

Newsgroup: rec.radio.scanner
Date: 1994-05-15 23:15:43 UTC
From: pcwalsh@netcom.com
Message-ID: <pcwalshCpv9y7.7p2@netcom.com>
Source record: 274350

In article <2r5vjg$rtp@ucsbuxb.ucsb.edu>,
Jason Hillyard <upsetter@mcl.ucsb.edu> wrote:
>There used to be an 800 number for Tandy National Parts which you
>could use to order parts and service manuals for Radio Shack equipment.
>I called 800 directory service but they didn't have the number. So
>I called a local Radio Shack, and they said the number was for 'internal
>use only'. Does anyone know what the deal is, or have the number?
>
>-Jason

I recently called Marymac to inquire about a battery case for my Pro 43.
They referred me to an 800 number that may be the one you are looking for:
1-800-442-2425 I hope this helps you out.

Peter
pcwalsh@netcom.com
--
| Peter Walsh | pcwalsh@netcom.com |

3797. Re: CB Mod

Newsgroup: rec.radio.scanner
Date: 1994-05-15 23:51:01 UTC
From: mervins@aol.com
Message-ID: <2r6ch5$e41@search01.news.aol.com>
Source record: 274351

In article <1994May14.113525.1@vax.sonoma.edu>, rainey@vax.sonoma.edu writes:

> but does anyone
know of any MODS for the TRC-226 Citizen Band Transceiver? <

I checked the "Radio/Tech Modifications", Volume 6B, and there is no mod for a
TRC-226. Sorry.

3798. Re: cordless phone

Newsgroup: rec.radio.scanner
Date: 1994-05-16 00:54:49 UTC
From: pclark@lynx.dac.neu.edu
Message-ID: <2r6g8p$eii@chaos.dac.neu.edu>
Source record: 274352

Mike Moffit (mike.moffit@totembbs.com) wrote:

: Radio Shack has a cordless phone that scrambles the conversation between
: the base and handset...I've tried it and it works...you simply cannot
: understand the conversation on a scanner. It runs about $150.00.

Um, might be jumping in a little late here, I haven't been on lately,
but isn't this the one that you can hear clearly by listening to one of
the harmonics?

Best bet is to go directly to a digital cordless, but they're (usually)
a lot more than $200.... :(

Peter Clark - pclark@lynx.dac.neu.edu
+ Empire - it's not just a game, it's an adventure
+ EMACS is computereez for a torture device

3799. Re: Now the April 26 has come and gone

Newsgroup: rec.radio.scanner
Date: 1994-05-16 01:24:33 UTC
From: mosby@cup.portal.com
Message-ID: <111776@cup.portal.com>
Source record: 274353

>In article <2qdbr6$fls@umcc.umcc.umich.edu> lbutler@umcc.umcc.umich.edu (Les B
u
>tler) writes:
>>The Icom memo I saw a few months ago said they were deleting the 800-900
>>band just so they won't have to redesign the radios. If we don't buy
>>anymore Icom's they should get the idea, if they want to sell radio's
>>they will need to delete cellular only, not the whole band.
>>Most hams don't care about scanners? Most hams I know have scanners, many
>>of them in fact. I guess I missed your point on that one?
>> L.B.
>>
>
>If they want to sell radios, they will have to start selling the parts
>and instructions to mod it back to original design as a separate item
>not requiring FCC approval and falling under parts and raw semiconductors
>which there is no ban on. Most people who buy this type of equipment
>would understand how to upgrade it to its original design given parts,
>bag, maybe pre-assembled rf module (module on its own would not violate
>the law as it by itself is not illegal).
>
>I am all for IGNORE THE LAW!
>
>'Nuff said!
>
>Steven
>

Get this USE the "LAW" to OUR advantage, they didn't outlaw the replacement
parts did they. How can you outlaw resistors, capacitors etc... And like
was said before you probably can order a "REPLACEMENT" microprocessor, ROM,
memory etc... from canada via Radio Shack there (PRO-2006, etc...).

+---///+
| Maurice Spear EnviroServ, Inc. /// |
| mosby@cup.portal.com Environmental Services, Inc. \\\/// |
+---\XX/---+

3800. what is a mod ??

Newsgroup: rec.radio.scanner
Date: 1994-05-16 01:43:16 UTC
From: malcolm@bga.com
Message-ID: <2r6j3l$4p5@giga.bga.com>
Source record: 274354

Hey...Im new at this scanner stuff, so please no flames...What is a .mod file about for scanners? What does it allow you to do?

--
Success is a figment
of the imagination

3801. Re: BEYOND POLICE CALL is out!

Newsgroup: rec.radio.scanner
Date: 1994-05-16 03:00:25 UTC
From: stujorda@eku.acs.eku.edu
Message-ID: <1994May15.220025.2481@eku.acs.eku.edu>
Source record: 274355

```
In article <2qsdf5$12j@rigel.infinet.com>, jimz@infinet.com (James M. Ziogas) writes:
> Stephenx1 (stephenx1@aol.com) wrote:
> : In article <netzel.768670626@neon.afsac.wpafb.af.mil>,
> : netzel@neon.afsac.wpafb.af.mil (Fred Netzel AFSAC/GBAS) writes:
>
> : Does anybody have the product number for BEYOND POLICE CALL? I tried to order
> : one from my local Rat Shack but they claim they don't know anything about it
> : and can't find it without the product number.
>
> The only thing on the book itself is an IPC code with the number 62-1040.
>
> Sorry I can't help more than this.
>
> --
> /+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-\
> | jimz@infinet.com | What's better than roses on your piano? |
> | Call me Wookie; | Finger me for the answer. |
> | everyone else | |
> | does. | Disc: Don't even bother listening to me. |
> \-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-/
The 62-1040 is the right number, and they can order it straight from the
warehouse. Also, I don't know if anybody has posted this or not. If
they have, sorry for the double post. The frequencys on indy drivers
are listed in the back of the book. They also have several for NASCAR
and other types of racing. They also have an address on listing to
races on scanners.
They also have frequencys on disney land in ca. and in fla.
```

3802. Pro-57 mods...

Newsgroup: rec.radio.scanner
Date: 1994-05-16 03:11:20 UTC
From: vyankey@news.delphi.com
Message-ID: <2r6o8o$kiu@news.delphi.com>
Source record: 274365

I have a friend who is looking for mods for a Realistic Pro-57 please email me.
Vince Yankey
N7YVL
vyankey@delphi.com
vince yankey@1/303:3

3803. Re: Info on new Opto 456 Pro2006 controller

Newsgroup: rec.radio.scanner
Date: 1994-05-16 03:38:34 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994May15.223834.1@uoft02.utoledo.edu>
Source record: 274356

dan@chinook.halcyon.com (Dan Lawrence) writes:
> I have a 2004. Any word what is different about the 2004 from the 2005
> and 2006? Any hope of seeing a 2004 version?

I talked to one of the design engineers at the Dayton Hamvention regarding
that. He said that the major problem with 2004 compatibility is that
the internal layout and the case size made it difficult to get the board into
the case.

Later...

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

3804. Re: what is a mod ??

Newsgroup: rec.radio.scanner
Date: 1994-05-16 03:51:52 UTC
From: cleader@netcom.com
Message-ID: <cleaderCpvMqI.CAw@netcom.com>
Source record: 274357

richard harmon (malcolm@bga.com) wrote:
: Hey...Im new at this scanner stuff, so please no flames...What is a .mod file
: about for scanners? What does it allow you to do?

Mod is modification. It is a change made internally to the radio/scanner that
allows it to have additional "features" it didn't have before. Usually a mod
is soldering/desoldering/ a connection.
Charles

3805. Re: What happened to Tandy National Parts?

Newsgroup: rec.radio.scanner
Date: 1994-05-16 04:27:26 UTC
From: mendosa@coyote.rain.org
Message-ID: <2r6sne$ig9@coyote.rain.org>
Source record: 274358

Jason Hillyard (upsetter@mcl.ucsb.edu) wrote:
> There used to be an 800 number for Tandy National Parts which you
> could use to order parts and service manuals for Radio Shack equipment.
> I called 800 directory service but they didn't have the number. So
> I called a local Radio Shack, and they said the number was for 'internal
> use only'. Does anyone know what the deal is, or have the number?

> -Jason

I have a number for Radio Shack National Parts as (800) 442-2425, but it could be left over from the bad old days when I managed Radio Shack stores (the computer center in Santa Barbara and regular stores in Carpinteria and Lompoc).

Another number, for mail order parts, is (800) 223-8344. I've used that recently for a personal order so that I could avoid dealing with non-responsive store personnel.

By the way, about 11 years ago (when I was managing the Carpinteria Radio Shack store) I started a local scanner frequency list. Since I see from your address that you are at UCSB, I wonder if you've used it (the current version, which is on Santa Barbara City College's BBS, is dated October 1993). I will be uploading a revised version in a couple of weeks with several additions now that someone brought to my attention the FCC database for California on the Internet. It has 840 local frequencies listed.
--
==========
Rick Mendosa, Freelance Writer, phone (805) 684-5642, fax: (805) 684-5408
5700 Via Real, Suite 126, Carpinteria, CA 93013 mendosa@rain.org
==========

3806. Sheriff's Office Closing Codes

Newsgroup: rec.radio.scanner
Date: 1994-05-16 05:59:04 UTC
From: brianr1@aol.com
Message-ID: <2r7238$ifb@search01.news.aol.com>
Source record: 274359

My local sheriff's Office uses closing codes that consist of usually four letters. The deputy will give this code to the dispatcher before going back into service at the end of a detail.

Any ideas as to what the codes mean and how they are used? Is there any way to get a listing of them and there use?

Thanks,

BrianR1@AOL.COM

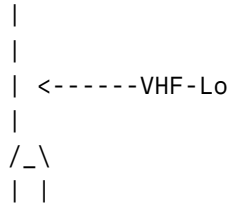
3807. Water problems with Discone antenna

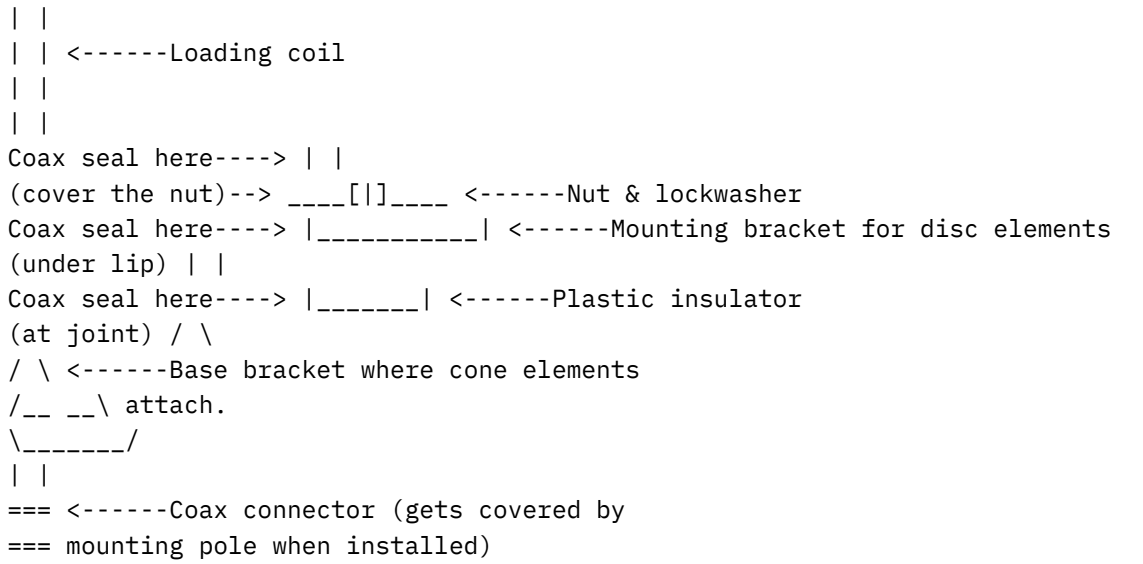
Newsgroup: rec.radio.scanner
Date: 1994-05-16 06:07:10 UTC
From: gkd@wpi.WPI.EDU
Message-ID: <2r72ie$8lc@bigboote.WPI.EDU>
Source record: 274364
Cross-posted to: rec.radio.scanner,rec.radio.amateur.antenna

I recently found that water had seeped into the base assembly of my Sigma SE-1300 Discone antenna after less than two months of service; causing a dramatic decrease in performance. Owners of Diamond D-130J and ICOM AH-7000 discone antennas may want to take note as well. Since these antennas are very similar in construction (and price) to the Sigma, they could conceiveably exhibit the same susceptibility to water problems. [Note: The Sigma SE-1300 is made in the UK, and is sold in the U.S. by Tucker Electronics, Radioware, and others.]

In retrospect, I believe my antenna's problem began within days of its installation. After two months, reception in the 450 and 800 MHz ranges had become so poor that a cheap, homemade VHF halfwave which I build out of scrap aluminum tubing was working better than the discone. The discone had been meticulously assembled and installed, and had no visible defects, so I didn't see how it could be performing so poorly. But an ohmmeter check showed a fluctuating DC resistance of about 10K ohms between the center conductor and shield of the antenna connector, which should have been completely isolated from each other. That immediately suggested water problems.

Fortunately, I found that the antenna's base assembly comes apart very easily. Disassembling it revealed quite a bit of water and corrosion inside. The coax connector itself was dry. It appeared the water came down through the hole for the mounting screw which the top VHF-Lo band vertical element attches to. This screw is actually a long rod, the bottom of which is the center conductor for the female "N" connector at the base of the antenna. The shaft of the rod inside the assembly was discolored, but once I cleaned and dried out the inside of the assembly, everything else looked fine. After putting it all back together, the improvement was incredible; especially in the 450 and 800 MHz ranges. In order to (hopefully) prevent the problem from recurring, I used coax seal to cover from the base of the vetical VHF-Lo element to the top of the bracket which holds the disc elements. I also sealed the junction between the disc bracket and the plastic base insulator underneath it, and between the plastic insulator and the metal base bracket which the coax and cone elements attach to.





To disassemble the base bracket on the SE-1300, first unscrew the VHF-Lo band loading coil from the base assembly, then remove the nut and lockwasher beneath it. The disc element mounting bracket should just slide off at this point. Next, unscrew the plastic insulator from the metal base bracket where the cone elements attach. You'll probably need to use pliers. Once the insulator is removed, the inner metal threaded rod will slide right out, and you're done.

I would suggest owners of these discone antennas check the DC resistance periodically between the center conductor and shield of the coax. Anything but an infinite reading on the ohmmeter (open circuit) is an indication of problems. As I said, mine registered around 10K ohms; and this was after four dry, sunny days. Another test would be to monitor the SWR of the antenna at higher frequencies (like 450 MHz) if you have the capability of doing that.

Since my problem began before I'd even become accustomed to the antenna's proper performance, it wasn't until the thing was near-deaf that I finally decided there had to be something wrong. There were some heavy rain and ice storms a few days after I installed the antenna, which is probably when the problems began. I'm surprised at the antenna's susceptibility, but because of its simplicity and the fact that nothing appeared to be cracked, loose or damaged, I'd be inclined to believe it is a design deficiency rather than a defect.

Greg

3808. Oahu Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-16 06:13:25 UTC
From: dabasap@netcom.com
Message-ID: <dabasapCpvtAE.BwB@netcom.com>
Source record: 274360

hey now! i'm planning a trip to Oahu & Maui and i was wondering if any of you had any cool freqs for these areas...

about six months ago, i went to Oahu only and i copied the following freqs:

Hilton Hawaiian Village
Honolulu, Hawaii
461.65 Banquets
462.175 Housekeeping
462.8 Pager
463.8 Security
464.425 Registration
464.825 Maintenance
464.875 Security

Ala Moana Shopping Center = 463.8
Bishop Museaum = 461.2875
Royal Hawaiian Shopping Center = 461.85
University of Hawaii, Manoa = 464.1
Windward City Mall = 461.125

453.7 R Medical EMT phone patches w/ Doctors, "MedCom"

138.6 Dial Tone & Busy Signal in Kaneohe area (Phone Patch)
138.975 Fort Weaver Rd & Renton Road (Pearl Harbor?),
10_Alpha, Control, Guard Mount, Zero this is One One
139.025 R Control, Whiskey_1, Whiskey_3, Patrol_26, Schofield Barracks,
"Negative Whiskey Whiskey" = no wants & warrants,

Enroute SBUCC, A Quad, "Tango" = I copy,
Code Six = radio stand-by, Wheeler AFB
139.55 Delta, Delta_4
140.55 Daneohe MCAS?
142.625 unknown traffic
144.0 R Engine 4, Engine 7, Engine 9, Engine 11, Engine 12,
Engine 15, Pumper 8, Rescue 22, Crash 1, Crash 2
164.2 Commanders Call at Paradise, Building 1202, Officer's Club,
Hicham Elementary School, Hickam Police, Legal Office,
Police_2, Police_4, "Transmit Police_2 X-I"
(base station heard -- no mobile units heard)
164.25 Brewster_1_Brewster, Brewster_Charles_Brewster, Return to Papa
164.325 R Nimitz Gate, Transporting an "X-Ray" (a female), Pearl
Do you have Channel Seven?
164.65 Two transmit sites = Tripler Naval Hospital & Tantalis
165.2375 DVP, Which Delta team is one the waterfront? Delta_35
165.2875 simplex traffic too distant to copy

166.675 DVP
170.025 R Barbers Point, Alpha Clear
170.505 trunking tone heard
171.05 R Barbers_206, On the flightline they should be on Tac 4,
Flightline Security Watch, Hanger Watch
171.975 R Loose onloads for 747 not a DC-8, Waiting on potable water

on 91712
407.375 Control, Leaving Hickam now, O.M. One
413.325 R Dispatch, Taxi_1, Taxi_4, I've already informed Command Post,
Refueling aircraft, "Lima Lima" = landline phone call
"Charlie Foxtrot" = caucasian female,
"Charlie Mike" = caucasian male,
"November Foxtrot" = negro female,
"November Mike" = negro male,
Hornet & Saratoga (Pearl Harbor?)
414.65 R APHIS (Animal/Plant Health Inspection)-Honolulu Airport
415.05 DVP
415.8 Unit 4
418.9 R Center 10-7 for the evening
419.175 simplex traffic

that's all i had time to copy ...

take care!

greg griffin
dabasap@netcom.com

3809. Re: BC200XLT Almighty Secret Code of Death?

Newsgroup: rec.radio.scanner
Date: 1994-05-16 08:21:03 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.209.00085A15@ccm.hf.intel.com>
Source record: 274285

In article <2r1fsd$fsn@nigel.msen.com> pjm@garnet.msen.com (Elvis) writes:
>Arghhh!!!

>I know I've seen this posted at least twice, and I've saved it at least
>three times, but it keeps disappearing on me!!! So here comes that
>question again...

>Does anyone know how to reset the BC200XLT so that all banks are cleared?
>Leaving the battery disconnected for extended periods doesn't count...

>While you're at it, are there any other nice secret codes that can be
>used on this baby?

>Thanks for the info, and sorry about the re-re-re-repost,
>-Pete-

Here is Bob's posting on the subject.

UNIDEN/BEARCAT 200/205XLT
TEST MODE

by Bob Parnass, AJ9S

For the Uniden 200/205XLT, the following procedure will load
channels 1-25 with various test frequencies, and zero the
remaining 175 channels:

1. Press and hold three keys: 2, 9, and MAN simultane-
ously and turn the power switch on. This clears all
memories.

2. Set the power switch to the off position.

3. Repress and again hold three keys: 2, 9, and SCAN
simultaneously and turn the power switch on. This
loads some memories with test frequencies.

Some of the frequencies will be out of range, like 108.5 and
66.45 MHz, but will not permit reception.

This procedure works with several Uniden, Cobra, and newer
Regency scanners.
--
==
Bob Parnass, AJ9S - AT&T Bell Laboratories - att!ihlpy!parnass (708)979-5414
Collector of pocket and other folding knives

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.

American Fork, UT

3810. Re: Cellular Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-16 08:27:16 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.210.00087498@ccm.hf.intel.com>
Source record: 274286

In article <2r2j8g$2qf8@inca.gate.net> steven@inca.gate.net (Steven Bradley) writes:

>In addition, Opto-Electronics in South Florida have started making a
>add-on for the Pro-2004/5/6 scanners to _override_ the new blocked-in-CPU
>versions which controls the scanner via rs232 from the computer.

Not for the 2004. Only 2005/6.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3811. Re: Volume Control knob, Uniden Bearcat BC-55-XLT

Newsgroup: rec.radio.scanner
Date: 1994-05-16 08:34:59 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.211.00089591@ccm.hf.intel.com>
Source record: 274287

In article <danbury.768938125@BIX.com> danbury@BIX.com (danbury on BIX) writes:

>When I listen to my Uniden Bearcat BC-55-XLT I hear
>some really garbled sounds.

>When I turn the volume control knob way down, and put the
>speaker right next to my ear, I can hear the thing clearly.

>Is this a defect ? Are the batteries weak ? I just put new
>batteries in there a month or two ago, and since that time
>I'm certain that they haven't had a hour's total use.

>El-No-Comprend-o ....

It does sound like low batteries. When the volume is up high, the unit
requires more current to drive the audio amplifier. If the batteries are not
capable of supplying the needed current, the audio amp will be non-linear and
it will distort the sound.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3812. NEED RS CUSTOMER SERVICE

Newsgroup: rec.radio.scanner
Date: 1994-05-16 09:22:26 UTC
From: barry.adair@chrysalis.org
Message-ID: <9405160922.A1688wk@chrysalis.org>
Source record: 274372

==========

Date: 05-15-94 (02:53) Number: 19070 Message 1 of 5
From: NEWS Refer#: 0
To: ALL Recvd: No
Subj: NEED RS CUSTOMER SERVICE Conf: 241 • radio.scan

N >Newsgroups: rec.radio.scanner
N >Path:
N >netcomsv!netcomsv!netcomsv!amd!amdahl!pacbell.com!uop!lll-winken.llnl.gov!overl
N >oad.lbl.gov!agate!howland.reston.ans.net!pipex!uknet!EU.net!uunet!clarkson!news
N >From: billp@voyager.chm.clarkson.edu (Bill Plunkett)
N >Subject: Need RS customer service address
N >Message-ID: <1994May13.130621.4076@news.clarkson.edu>
N >Sender: news@news.clarkson.edu
N >Nntp-Posting-Host: voyager.chm.clarkson.edu
N >Organization: Clarkson University
N >Date: Fri, 13 May 1994 13:06:21 GMT
N >Lines: 10
N >
N >Hello...
N >
N >I'm looking for an address (phone might be helpful too) to write for
N >Radio Shack customer service. I would like to make contact
N >independant of our local retail store.

Here is a list you may find one helpful:

General Switchboard and Information 817-390-3011
Comsumer Products Service TCS 817-284-1633
Tandy National Parts 817-870-5600
Tandy Manufacturing Technology 817-847-7787
Tandy Manufacturing Co 817-551-9750

If these don't help E-MAIL me at barry.adair@chrysalis.org, the problem and
I will try to find the number or person you need, since I am in Tandy
country, Fort Worth Tx.

* KingQWK 1.05 *

3813. Re: Yaesu FT-726R

Newsgroup: rec.radio.scanner
Date: 1994-05-16 10:34:23 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.214.000A930E@ccm.hf.intel.com>
Source record: 274366
Cross-posted to: alr.radio.scanner,rec.radio.scanner,rec.radio.misc.amateur,rec.radio.shortwave

In article <2r5r01$mli@girtab.usc.edu> asplund@girtab.usc.edu (Information Missing) writes:
>I recently picked up a Yaesu 726R at a local hamfest. I have just ordered the
>user's manual from Yaesu, but was wondering if there were any modifications
>to the radio to enhance its performance.

>If you know of a modification for the Yeasu FT-726R please send me mail at:
>asplund@aludra.usc.edu.

I couldn't find anything on the 726R, but I had this on the 727R. I have no idea if this info would apply to your radio or not. You decide.

YAESU FT-727R

Modification for extended coverage. (This will work for both the old and new CPU versions)

-Remove the battery pack

-locate the RAM backup switch according to your manual (this will be the switch FARTHEST away from the battery terminals)

-Turn the switch off, count to 4, then turn it back on

-Relace the battery pack

-Turn the rig on. The readout should be entirely blank. If it is not, you probably did not wait long enough before turning the switch back ON, so repeat the above procedure.

-Type in the following: ' 001111 '

-The rig should now come to life. You will have to reprogram all the memories as well as the repeater splits for both bands. The display will now cover 100-199, 400-499MHz, but it obviously won't work over this range. Mine covers 139-153, 420-460.

- The reset code is in your manual

[From another source:
The factory code to make
the program from the factory is (443300) and if you enter those digits the talkie will return to normal again. However if you enter the code (601111) you will notice the talkie will come up in a different mode you can and must input 5 digits instead of 4 to input a freq.

Example in the normal mode to get freq 147.06 you would enter 7060 then hit the dial button.

In the expanded mode you would enter 47060 to get the 147.06 cause your display now takes and controls the last 5 digits of a freq instead of the normal 4.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3814. Re: Scanning in London

Newsgroup: rec.radio.scanner
Date: 1994-05-16 10:51:21 UTC
From: sjh@skewsby.demon.co.uk
Message-ID: <769110681snx@skewsby.demon.co.uk>
Source record: 274362

In article <bf4_9405131009@nisc.fidonet.org> Rickey.Stein@illusion.metronj.org (Rickey Stein) writes:
> Most, but not all of the public service transmissions
> found in this area will be repeated in the 150's.
>
> Rickey Stein
> International Editor, RCMA
>
I would not agree with this statement. The Fire service transmissions at 70.5 to 71.5, using AM, may be repeated in the 452 Mhz area on FM if a mobile repeater (extender) is in use at an incident.
If you need further specific info please contact me.

++
+ Simon J Hopkins sjh@skewsby.demon.co.uk +
+ Consulting Partner Limited g8pxb@ampr.org +
+ Deepdale, Skewsby, Compuserve: 100070,303 +
+ York, YO6 4SG, England. +44 (0) 347 888 276/284 +
++

3815. Re: what is a mod ??

Newsgroup: rec.radio.scanner
Date: 1994-05-16 11:14:14 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.215.000B3D19@ccm.hf.intel.com>
Source record: 274367

In article <cleaderCpvMqI.CAw@netcom.com> cleader@netcom.com (Charles Leader) writes:

>richard harmon (malcolm@bga.com) wrote:
>: Hey...Im new at this scanner stuff, so please no flames...What is a .mod file
>: about for scanners? What does it allow you to do?

>Mod is modification. It is a change made internally to the radio/scanner that
>allows it to have additional "features" it didn't have before. Usually a mod
>is soldering/desoldering/ a connection.
>Charles

To understand the concept a little better, it helps if you know why such mods
are possible.

In order for manufacturers (and designers) to save money, they produce a
single radio (or at least the same internals) with all functions and features.
This way they have a single manufacturing line, rather than many. Then they
disable features depending on which county it will ship to or which model they
plan to sell it as. So low end radios can often be easily changed to enable
the high-end features. Modifying radios has become so popular that it has
evolved into a true hackers paradise. Some of the more involved mods involve
replacing components such as memory chips to expand the number of memory
channels. The most commonly sought-after mod is to restore the frequency
range where cellular phones are found. When the law was passed in the U.S. to
exclude this range from scanners, to save the high cost of reprogramming the
microprocessor, they use "select" lines on the micro to enable or disagle this
frequency range (and other features). This way they can use the same micro in
all units regardless of which country the scanner will be shipped to. To
restore cellular on many scanners, you just open a jumper on the micro's
select lines.

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Intel Corp.
American Fork, UT

3816. Re: BC 100XLT - BNC Replacement?

Newsgroup: rec.radio.scanner
Date: 1994-05-16 12:26:34 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.217.000C71C6@ccm.hf.intel.com>
Source record: 274293

In article <1994May16.135302.106341@ns1.cc.lehigh.edu> rag4@ns1.cc.lehigh.edu (ROBERT A GROEGLER) writes:

> Has anyone sucessfully replaced the BNC antenna connection on their BC
> 100XLT? My center pin is opened from changing connections so frequently.
> I took a quick look, but don't know exactly how the control cover is
> attached. I would appreciate any step-by-step advice from anyone who has
> done this replacement. Thanks.

If the two prongs have spread too wide to make good contact, just bend them back! If you really want to replace the BNC connector, make sure you buy one that has a tube-type recepticle in the center rather than the 2 prongs (I think AMP and other make them like this). Replacing a BNC is not an easy task for most radios.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3817. REGENCY K-5000 manual

Newsgroup: rec.radio.scanner
Date: 1994-05-16 13:10:12 UTC
From: quacker@ibm.com
Message-ID: <2r7rbk$v1k@locutus.rchland.ibm.com>
Source record: 274368

Greetings:

I am looking for a user's manual and service manual for a REGENCY TOUCH K-5000 scanner. If any kind soul knows where I could obtain a copy of either manual, it would be appreciated.
Thanx.

Rich Bellin

3818. BC 100XLT - BNC Replacement?

Newsgroup: rec.radio.scanner
Date: 1994-05-16 13:53:02 UTC
From: rag4@ns1.cc.lehigh.edu
Message-ID: <1994May16.135302.106341@ns1.cc.lehigh.edu>
Source record: 274371

Has anyone sucessfully replaced the BNC antenna connection on their BC 100XLT? My center pin is opened from changing connections so frequently. I took a quick look, but don't know exactly how the control cover is attached. I would appreciate any step-by-step advice from anyone who has done this replacement. Thanks.

Bob Groegler
rag4@lehigh.edu?
--

3819. Re: cordless phone

Newsgroup: rec.radio.scanner
Date: 1994-05-16 14:25:10 UTC
From: horak@convex.com
Message-ID: <horak.769098310@convex.com>
Source record: 274369

In <9405130314334 67@totembbs.com> mike.moffit@totembbs.com (Mike Moffit) writes:

>SJH>Our neighbors monitor our cordless phone conversation
> >and I would like to know what is a good cordless phone
> >which would prevent this - preferably something under
> >$200. Please e-mail me at sjh@math.ufl.edu

>Radio Shack has a cordless phone that scrambles the conversation between
>the base and handset...I've tried it and it works...you simply cannot
>understand the conversation on a scanner. It runs about $150.00.

From the R/S 1994 catalog, it is #43-565 on page 65. You can't
understand the conversations unless you have a speech frequency
inverter! The Ramsey SS7 inverter works, after I modified it.
Do any of you know if the new SS70 is any better than the SS7?

R/S has a new 900 MHz phone too. It sells for $300 and looks a
little like the Tropez phone but it does not claim any kind of
scrambling or digital technology. The Tropez is over a $100
cheaper and scrambles too!

David

3820. >What's a MOD file???

Newsgroup: rec.radio.scanner
Date: 1994-05-16 14:55:18 UTC
From: mc@northshore.ecosoft.com
Message-ID: <2r81gm$q0f@northshore.ecosoft.com>
Source record: 274370

In a recent post malcolm (malcolm@bga.com) asked what was meant by mod files in the context of this newsgroup.

Many scanners can be improved or modified for better performance/frequency coverage by performing a simple circuit alteration. In this context, MODS refer to the restoration of coverage of the 800MNz cellular mobile telephone frequencies. However, after April 24th 1994, new models of scanners imported into the U.S. will be very difficult if not impossible to modify or restore to cover cellular. Hope this helps!
73 de VE2XZ/W1
mc@shore.net

3821. Frequencies for Road trip

Newsgroup: rec.radio.scanner
Date: 1994-05-16 15:55:06 UTC
From: chris@tali.hsc.colorado.edu
Message-ID: <2r850qINNa00@tali.hsc.colorado.edu>
Source record: 274373
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I will be driving from Denver, CO to Mankato, MN and would like the
State Trooper/Highway Patrol frequencies for NE, IA, and MN. And if
anybody has some frequencies for the Fairmont, MN area they would also be
appreciated.

Please respond via e-mail, as I am kinda busy lately and have not had
time to follow the group the way I used to.
--
Chris Yoder is chris@tali.hsc.colorado
==
If I were a photon, I would have been home an hour ago.

3822. Re: Scanner antenna recommendations wanted

Newsgroup: rec.radio.scanner
Date: 1994-05-16 19:31:38 UTC
From: magnet@nRCHs022
Message-ID: <2r8hmq$ddd@corpgate.nt.com>
Source record: 274277

johnsonk1@yvax.byu.edu wrote:
: Now that I have my new Pro-2006 figured out and about half of the channels
: programmed, I'm interested in the possibility of getting a better antenna. I
: live in an apartment, and would have to mount it on the balcony. Also, I can't
: spend too much (I had a hard enough time justifying the scanner itself to my
: wife). Any recommendations? What models are available, and how much will it set
: me back? Would a small, inexpensive exterior antenna improve my reception
: enough to make it worth it?

What freq.s are you interested in? The stock antena isn't much good for DX and
if money is an issue, and space obviously, that rules out a lot of options. If
you are interested in UHF and higher you can get the RS 20-006 whip and the RS 278-116
right
angle adapter, both for under $15.00.

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

3823. Re: Info on new Opto 456 Pro2006 controller

Newsgroup: rec.radio.scanner
Date: 1994-05-16 19:36:39 UTC
From: dan@chinook.halcyon.com
Message-ID: <2r8i07$b34@nwfocus.wa.com>
Source record: 274280

In article <1994May15.223834.1@uoft02.utoledo.edu>,
Brad Steinman, N8ZRP <cscon0151@uoft02.utoledo.edu> wrote:
>I talked to one of the design engineers at the Dayton Hamvention regarding
>that. He said that the major problem with 2004 compatibility is that
>the internal layout and the case size made it difficult to get the board into
>the case.

Is that all? I wouldn't feel too bad expanding the case or adding an
extra box to the top to hold the 456. Were there any hardware
incompatabilities?

Thanks
--
dan@halcyon.com
Dan & Amy Lawrence
Seattle, WA USA

3824. Icom R-100 opinion/gripe

Newsgroup: rec.radio.scanner
Date: 1994-05-16 20:05:45 UTC
From: magnet@nRCHs022
Message-ID: <2r8jmp$ddd@corpgate.nt.com>
Source record: 274278

--
Hello all,

I recently bought an IC-R100 and have NOT been very happy with it. In fact it is one of the poorest scanners I have seen from an "operational" stance. It has 100 channels and 10 search pairs. It comes with a mobile mounting bracket and power cord. (optional accesories include DC converter and cigerett adapter). To use the R-100 in a mobile is a frustration indeed! The stock speaker can't be heard above average road noise. The search functions are so limmited that you start to resist the urge to toss the thing out the window. The programmed searches can't be resumed by turning the BFO or the up and down keys. This is a MAJOR defect in the design of this system. The 100 channels can't be separated into blocks so you have to constantly program the skip fuctions to listen to ranges. The ONLY saving grace this radio has is it's audio. It has the BEST audio quality of ANY scanner I've heard so far. I used an OPTIMUS Pro7 speaker to test all my scanners and this one sounded the best.

Am I alone in my distaste for this scanner?

brad.glidewell@nt.com

"I am the most humble person in all the world!"

3825. Re: Scanner antenna recommendations wanted

Newsgroup: rec.radio.scanner
Date: 1994-05-16 20:13:36 UTC
From: horak@convex.com
Message-ID: <horak.769119216@convex.com>
Source record: 274279

In <2r8hmq$ddd@corpgate.nt.com> magnet@nRCHs022 (Brad Glidewell) writes:

>johnsonk1@yvax.byu.edu wrote:
>: Now that I have my new Pro-2006 figured out and about half of the channels
>: programmed, I'm interested in the possibility of getting a better antenna. I
>: live in an apartment, and would have to mount it on the balcony. Also, I can't
>: spend too much (I had a hard enough time justifying the scanner itself to my
>: wife). Any recommendations? What models are available, and how much will it set
>: me back? Would a small, inexpensive exterior antenna improve my reception
>: enough to make it worth it?

>What freq.s are you interested in? The stock antena isn't much good for DX and
>if money is an issue, and space obviously, that rules out a lot of options. If
>you are interested in UHF and higher you can get the RS 20-006 whip and the RS 278-116
right
>angle adapter, both for under $15.00.

Actually, the 20-161 antenna and the 278-117 would give him better reception,
particularly on the lower frequencies.

David

3826. Re: Scanner antenna recommendations wanted

Newsgroup: rec.radio.scanner
Date: 1994-05-16 20:34:04 UTC
From: magnet@nRCHs022
Message-ID: <2r8lbs$ddd@corpgate.nt.com>
Source record: 274281

David Horak (horak@convex.com) wrote:
: In <2r8hmq$ddd@corpgate.nt.com> magnet@nRCHs022 (Brad Glidewell) writes:

: >johnsonk1@yvax.byu.edu wrote:
: >: Now that I have my new Pro-2006 figured out and about half of the channels
: >: programmed, I'm interested in the possibility of getting a better antenna. I
: >: live in an apartment, and would have to mount it on the balcony. Also, I can't
: >: spend too much (I had a hard enough time justifying the scanner itself to my
: >: wife). Any recommendations? What models are available, and how much will it set
: >: me back? Would a small, inexpensive exterior antenna improve my reception
: >: enough to make it worth it?

: >What freq.s are you interested in? The stock antena isn't much good for DX and
: >if money is an issue, and space obviously, that rules out a lot of options. If
: >you are interested in UHF and higher you can get the RS 20-006 whip and the RS 278-116
right
: >angle adapter, both for under $15.00.

: Actually, the 20-161 antenna and the 278-117 would give him better reception,
: particularly on the lower frequencies.

: David

Yeh,
Thats why I said UHF and higher...

-(o o)-
-----oOO--(_)--OOo-----

--
brad.glidewell@nt.com

3827. manual for the Sony AIR-7 scanner radio?

Newsgroup: rec.radio.scanner
Date: 1994-05-16 20:37:45 UTC
From: oddjob@cix.compulink.co.uk
Message-ID: <CpwxAy.40A@cix.compulink.co.uk>
Source record: 274291

manual for the Sony AIR-7 scanner radio?

Does anybody have a copy of the manual for the Sony AIR-7 scanner radio?

I will pay postage + photocopying

oddjob@cix.compulink.co.uk

3828. Re: Austin Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-16 20:38:18 UTC
From: barryc@mpd.tandem.com
Message-ID: <1994May16.203818.24467@integrity.uucp>
Source record: 274288

155.370 DPS Austin (Trunked system so you'll only hear the dispatcher)

The DPS DOES NOT now use a trunked system. It uses very large towers, lots
of them and simplex. The CORRECT DPS frequencies are:

155.370 Intercity Base (every PD in TX has this freq)
154.950 Intercity Mobile (everyone who has anything to do with
law enforcement has this; including
customs, game management. The "channel
19" of TX Police band radio. The lets
go to lunch frequency; lots of chit-
chat; used in multidepartment support)

154.680 Mob to Base - simplex; you need to be close to the DPS vehicle
155.460 Base to Mob - simplex; easy to hear
154.695 Simi-duplex - not use much
155.505 Intel/Narc-Statewide (busy; usually scrambled)
157.350 Dallas North Tollway - not relevent to Austin
159.090 Mobile relay - not used much

I have the entire state of TX on CDROM and several good freqs for the
Austin Metro area. EMAIL me for more info. (one at a time please...).

Barry D. Chalcroft / N5NWI Tandem Computers ISD, Austin,TX
Work: (512) 244-8723 The Home of "UNIX with Integrity""
EMAIL: barryc@mpd.tandem.com bchalcroft@delphi.com
76500.2177@compuserve.com barryc@cactus.org

3829. Re: Scanner antenna recommendations wanted

Newsgroup: rec.radio.scanner
Date: 1994-05-16 20:46:27 UTC
From: horak@convex.com
Message-ID: <horak.769121187@convex.com>
Source record: 274282

In <2r8lbs$ddd@corpgate.nt.com> magnet@nRCHs022 (Brad Glidewell) writes:

>: >if money is an issue, and space obviously, that rules out a lot of options. If
>: >you are interested in UHF and higher you can get the RS 20-006 whip and the RS 278-116 right
>: >angle adapter, both for under $15.00.

>: Actually, the 20-161 antenna and the 278-117 would give him better reception,
>: particularly on the lower frequencies.

>: David

>Yeh,
>Thats why I said UHF and higher...

I doubt if the 20-006 would do any better at UHF than the stock antenna. I have both and don't notice any real difference at those short wavelengths. The main trouble I have is the 150 MHz and below. But, if he wants better UHF too, an outside antenna with low loss coax is the answer. If he's in an apartment like me, that may not work. :-(I mounted my discone on the top of my ceiling in my second story apartment and it works much better than the whip that comes with the Pro-2006. I have it in the corner above my shack desk so I don't poke myself running into it. :-)

David

3830. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-16 21:49:00 UTC
From: rpetteng@pipeline.com
Message-ID: <2r8poc$m2u@pipeline.com>
Source record: 274283

>jerry@hnrc.tufts.edu (Jerry Dallal) writes:
>
> I have seen the newer PRO-43, it is not restorable.

How did you know it was not restorable? As far as I know the new ones are not out yet. They still have the old ones to get rid off.

Roger Pettengill - rpetteng@pipeline.com

3831. Re: Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-05-16 21:49:03 UTC
From: rpetteng@pipeline.com
Message-ID: <2r8pof$m3a@pipeline.com>
Source record: 274284

>In article <2r3bta$nkc@search01.news.aol.com>, SKI CAL
><skical@aol.com> wrote:
>
>I just bought a RS Pro-2006. So far, I'm dissapointed
>with the performance of it.
>
>My hand-held scanner picks up reception of weak
>signals better.

I thought I had the same problem until I compared my Pro-2006 and Pro-43 using *exactly* the same antenna. My Pro-43 on a rubber ducky was picking up a NOAA station 50+ miles away in CT, but my new Pro-2006 on an outside antenna wasn't hearing a thing from that station. I thought it was the radio until I connected the Pro-43 to the outside antenna and didn't hear the CT station there either. Then I reattached the ducky to the Pro-43 and walked around the room. In certain places in the room the NOAA station could be heard. In other places in the room it was dead.

VHF signals are very finicky and moving an antenna an arm's length one way or another can make ALL the difference in the world, so it's very important to use the same antenna on both radios. IOW, a test using a rubber ducky on the hand held and a base antenna on the 2006 doesn't tell you anything except that one _combination_ works better than another at that particular instant in that particular location.

In addition to using the same antenna you need to compare them on the same station. NOAA weather radio stations make good test subjects because they are always on the air and they stay stationary thus giving you a constant reference point.

>I'm going to return it, if I don't get better
>signals.

You could have a bad 2006. If so, return it for another 2006.

Roger Pettengill - rpetteng@pipeline.com

3832. Re: Icom R-100 opinion/gripe

Newsgroup: rec.radio.scanner
Date: 1994-05-16 21:52:40 UTC
From: rja@batcomfs.Eng.Sun.COM
Message-ID: <2r8pv8$9kj@engnews2.Eng.Sun.COM>
Source record: 274158

In article ddd@corpgate.nt.com, magnet@nRCHs022 (Brad Glidewell) writes:
>
> I recently bought an IC-R100 and have NOT been very happy with it. In fact it is
> one of the poorest scanners I have seen from an "operational" stance. It has 100
> channels and 10 search pairs. It comes with a mobile mounting bracket and power
> cord. (optional accesories include DC converter and cigerett adapter). To use the
> R-100 in a mobile is a frustration indeed! The stock speaker can't be heard above
> average road noise. The search functions are so limmited that you start to resist
> the urge to toss the thing out the window. The programmed searches can't be resumed
> by turning the BFO or the up and down keys. This is a MAJOR defect in the design

Don't take this the wrong way, but are you sure? The R1 allows this and I
thought the software in both radios was nearly identical.

> of this system. The 100 channels can't be separated into blocks so you have to

You probably have just one block that you can set the bounds on right?
The 10 search pairs allow you to denote bands, but I guess not frequencies.

> constantly program the skip fuctions to listen to ranges. The ONLY saving grace
> this radio has is it's audio. It has the BEST audio quality of ANY scanner I've
> heard so far. I used an OPTIMUS Pro7 speaker to test all my scanners and this one
> sounded the best.

Basically you've run into the problem that you bought a radio receiver,
and not a true scanner. That's why it doesn't have all the functions
you expect in a user-friendly scanner. The R1 is the same way, although
the R100 has a much better radio than the R1.

Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

In 1993, approximately 80 people were killed with so called Assault Weapons.
In that same year approximately 300 people were killed by bee stings.
These statistics cover the United States and the 80 number is an annualized
figure derived from the Justice Department and quoted by Dianne Feinstein.

3833. Re: Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-05-16 22:42:56 UTC
From: copeland@metronet.com
Message-ID: <Cpx33K.FK9@metronet.com>
Source record: 274289

In article <2r3bta$nkc@search01.news.aol.com>, SKI CAL <skical@aol.com> wrote:
>I just bought a RS Pro-2006.
>So far, I'm dissapointed with the performance of it.
>My hand-held scanner picks up reception of weak signals better.
>Has anyone else out there experienced similar problems?
>I'm going to return it, if I don't get better signals.

What handheld? I own a 2006 and its better than the PRO-39 or PRO-43.
(assuming all have stock antennaes).

Do you have the switch on the back of the 2006 switch to 10db atten?
That definitely will reduce what you can pickup.

Definitely get a good antennae. A discone or even just a the long coil
loaded whip will do better than the little stock antennae.

With a discone mounted in my 2nd floor apartment, I've picked up signals up
to 40 miles away with my 2006 (not counting airplanes).

(Your distant reception will vary with your antennae height).
--

| copeland@metronet.com |

3834. Beyond P.C. Question

Newsgroup: rec.radio.scanner
Date: 1994-05-16 23:26:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <769141725.AA03209@rochgte.fidonet.org>
Source record: 274298

> From: whs70@dancer.cc.bellcore.com (sohl,william h)
> Organization: Bell Communications Research (Bellcore)

> The fact that someone may have put in a great deal of research
> or time to assemble a database of factual information ("sweat-of-
> the-brow" effort) does not automatically provide a basis for
> copyright
> protection unless the presentation of that data (the arrangement)
> can be shown to reflect some degree of creativity. As per
> the above, simple alphabetical and/or numerical data sorts
> have already been viewed by the court as not be protected on
> the creativity/copyright basis.

There is also the application of the "Fair Use" doctrine to consider.
Using any reference work as the basis for further research (including making
copies of pertinent portions of the work for students, etc) is generally held
to be Fair Use. Xeroxing somebody's published scanner listings into your own
book for republication is not Fair Use.

However, I found from actual experience that copyright violations are
difficult to prosecute. The Feds are only interested if you can prove a loss
of >$10,000 due to the infringement. It's tough to get a judgment in Small
Claims Court if you can't get prosecution.

==========
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

3835. Water problems with Discone antenna

Newsgroup: rec.radio.scanner
Date: 1994-05-16 23:31:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <769141725.AA03210@rochgte.fidonet.org>
Source record: 274299

> From: gkd@wpi.WPI.EDU (Gregory K Doerschler)
> Organization: Worcester Polytechnic Institute

> Diamond D-130J and ICOM AH-7000 discone antennas may want to take
> note as well. Since these antennas are very similar in construction

> inside. The coax connector itself was dry. It appeared the water
> came down through the hole for the mounting screw which the top VHF-
> Lo band
> vertical element attches to. This screw is actually a long rod, the

Thank you VERY much for posting this. I have an assembled Diamond D-130J discone sitting in my living room awaiting the new mast. The timing of your bulletin could not have been better. I already coax-sealed the cable connection to the feedpoint, but now I will be sure to seal the other points that you mentioned before it goes on the roof. Thanks again!

==========
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

3836. Regency R4030 - What is this!?

Newsgroup: rec.radio.scanner
Date: 1994-05-17 00:21:45 UTC
From: eric@garnet.msen.com
Message-ID: <2r92mp$dj9$1@garnet.msen.com>
Source record: 274290

I have a Regency R4030, that I find works quite well. It's been mod'ed to restore the 800's. My question is... is this model the same exact unit as a bearcat or a uniden? I've heard that it is, and I'm not sure. Also, what neat features (hidden, that is) does anybody know about for these units? Does anybody else also find that the battery lasts for about 20 minutes and then is dead, even after a full recharge?
All replies are appreciated. Acutally, please reply via e-mail, if possible, too (eric@golan.org). Thanks.
- - Eric

--
------------------<Golan Security/Defense Policy Studies>--------------------
eric@golan.org | The HOWITZER of truth on the | Holyland Harley-
72000.1256@compuserve.com | battlefield of propoganda. | Davidson Club
----

3837. Re: Icom R-100 opinion/gripe

Newsgroup: rec.radio.scanner
Date: 1994-05-17 01:10:24 UTC
From: dseitel@crl.com
Message-ID: <2r95i0$cf@crl.crl.com>
Source record: 274292

Brad Glidewell wrote:

> > ...The programmed searches can't be resumed by turning the BFO or
> > the up and down keys. This is a MAJOR defect in the design....

Then Robert Allen wrote:

> ...Don't take this the wrong way, but are you sure? The R1 allows
> this and I thought the software in both radios was nearly identical.,,,

I have both scanners. I have noticed the same search limitation
in the R-100 as Mr. Glidwell. With the R-1, one is able to resume a
search from where one is by dialing the tuning knob. Not so with the
R-100. If one breaks the search (not the squelch) with the R-100 by
touching the tuning knob or up/down arrow, the search is over. One has
to start searching from the beginning of the range.

So, the only choices for searching: stop searching when a signal
is found, stay on signal 5 seconds and resume search even if the signal
continues, or stop on signal resuming search 2 seconds after signal stops.
These are called, respectively (honest!) infinity, pause and off.

If you want to resume searching earlier than the scanner does, or
if you want to pause longer than the scanner does, you're screwed.

David Eitelbach
--
"Old people like to give good advice as solace for no longer being able
to provide bad examples."
--La Rochefoucauld

3838. ADD

Newsgroup: rec.radio.scanner
Date: 1994-05-17 02:01:00 UTC
From: john.beard@travel.com
Message-ID: <1d.6004.930.0NAEA47F@travel.com>
Source record: 274374

```
TOMCAT control message = ADD
```

3839. Re: Rat Shack Pro-2006a

Newsgroup: rec.radio.scanner
Date: 1994-05-17 02:42:06 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <769146126@f747.n115.z1>
Source record: 274180

EB> How can you tell a new (unrestorable) Pro-43 from an old (restorable)
EB> one? Is there a different part number or something, or do you just
EB> have to find the serial number cutoff? For what it's worth, my Pro-43
EB> (S/N 07422x) is restored and works fine?

My guess would be that they will have the letter 'A' after the model
number.

Jerry
* Evaluation copy of Silver Xpress. Day # 0
* Silver Xpress V4.00

3840. Mods for Bearcat 148XLT

Newsgroup: rec.radio.scanner
Date: 1994-05-17 02:54:17 UTC
From: msadkins@mtu.edu
Message-ID: <2r9bkp$3kh@pace1.cts>
Source record: 274294

My dad is a pilot and flies around my college town a lot. I
have a BC148XLT that I would like to modify to receive the aircraft
band. DOes anyone know how to do this? Please e-mail me or post.
Thanks!!!!

--
Matthew S. Adkins "As MTU has no opinions, mine
Michigan Tech University, CS Major couldn't possibly be theirs."
Internet: msadkins@mtu.edu "The fastest way to accelerate
Internet: msadkins@major.cs.mtu.edu a Macintosh is 9.8 m/s^2."

3841. where can i get overseas modifiable scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-05-17 03:45:45 UTC
From: ligosa@pipeline.com
Message-ID: <2r9el9$i94@pipeline.com>
Source record: 274295

Does anyone know where i can purchase AOR, TRIDENT, ICOM
scanners from outtside the US so i can get cellular
specificly the new Trident 2400 ?
Thanks

3842. Any Other stores in N.Y. for COOMMUNICATIONS other than Barry ?

Newsgroup: rec.radio.scanner
Date: 1994-05-17 03:48:16 UTC
From: ligosa@pipeline.com
Message-ID: <2r9eq0$ijb@pipeline.com>
Source record: 274296

Does anyone know of any communication stores in NYC or LI
Is barry electronics the only choice ?

3843. BWI Frequencies needed

Newsgroup: rec.radio.scanner
Date: 1994-05-17 04:14:11 UTC
From: el124@cleveland.Freenet.Edu
Message-ID: <2r9gak$1de@usenet.INS.CWRU.Edu>
Source record: 274297

I was wondering if anyone could send me the freq. for the Balt-Wash.
International airport. I'm looking for approach, tower, and ground
frequencies. Oh...also clearance delivery if you have it.
Email would be perfect! Thanks for the help.
--
Mike Wilson COM-ASEL-IA
Spirit of St. Louis, MO
Email: Internet--wilson@sluvca.slu.edu ----------
Compuserve--75163,45

3844. BC200XLT Mods!!

Newsgroup: rec.radio.scanner
Date: 1994-05-17 04:36:44 UTC
From: insanity@dorsai.org
Message-ID: <CpxJH9.IHC@dorsai.org>
Source record: 274276

Hey guys, I am new to the Internet and found this newsgroup. I must say I am very impressed! i have already gotten some great info on scanners. I have owned my BC200XLT for about two years now, but there's nobody around here that knows anything about modifying them. (Of course, this is only hypethetical, i would NEVER attempt these mods..that would be ILLEGAL) But, if you happen to know how one could Theoretically modify to receive ALL the 800-900MHZ bands, i would love to hear it (or even how you get the dern thing open! like i said, I'm a newbie *grin*) Thanks guys!

Stacy Drennan

3845. Re: 2026 sale coming up

Newsgroup: rec.radio.scanner
Date: 1994-05-17 04:40:04 UTC
From: robin@uhunix.tmc.edu
Message-ID: <CpxJMs.Hs2@news.Hawaii.Edu>
Source record: 274275

In article <2r1qgm$t5c@inca.gate.net> stevem@inca.gate.net (Steve Misel) writes:
>I don't know what the problem is with your 2026 because I've had mine since
>the day it came out and I love it.. I live in Fort Lauderdale and
>regularly drive with it to Miami (both heavy RF).. I have a 5/8 MNO mount
>2m antenna on the mobile I use for it.. I have only had problems with the
>2m band sneaking up into the federal vhf band.. The cell restore was
>simple, and it even seems to help keeping the cellular images out of the
>rest of the 800 band. I think you got yourself a bum scanner. I also
>have a few friends with the same radio and everyone is very happy with
>it. Have a qualified person look at it.. Definately not a design problem.

So, if I wanted to get a scanner, would you recommend the 2026 or
the 46? Thanks!!!

--
---

rob

3846. How to add BFO to an ICOM R-100?

Newsgroup: rec.radio.scanner
Date: 1994-05-17 05:49:52 UTC
From: jacob@altair.csustan.edu
Message-ID: <CpxMv7.Jvv@koko.csustan.edu>
Source record: 274300

I own an icom r-100 that does not have a built in BFO. Does anyone who is familiar with this radio know what I'd have to do to put one in?

Thanks, Dave.

3847. Great audio filter!

Newsgroup: rec.radio.scanner
Date: 1994-05-17 06:26:34 UTC
From: shawn7@coyote.rain.org
Message-ID: <2r9o2q$9v2@coyote.rain.org>
Source record: 274301

pardon if this is a second post, I posted to alt and thought it would
cross post but haven't seen it.

I bought a graphic equalizer at the swap meet for $25 and it is
GREAT for filtering alsorts of nasty things that come out of my r.s.2006
scanner! I take the tape out into the graphic equalizer left channel
input. I listen through headphones on the front of the g.e. and filter out
tones / whistles etc. I took the left channel out and put it into the
right channel input to see if _more is better_ and found that it isn't
needed. So, I hooked my Sony 2010 into the right channel and can filter sw
in the right ear. Haven't tried to listen to both at the same time but ...
All of the above took a few rca to phono and back adapters but
it's well worth it.

take care

shawn miner

shawn7@rain.org
santa barbara, ca usa

3848. Re: BWI Frequencies needed

Newsgroup: rec.radio.scanner
Date: 1994-05-17 06:44:55 UTC
From: pas@cc.gatech.edu
Message-ID: <1994May17.064455.1159@cc.gatech.edu>
Source record: 274159

> I was wondering if anyone could send me the freq. for the Balt-Wash.
>International airport. I'm looking for approach, tower, and ground
>frequencies. Oh...also clearance delivery if you have it.

Approach 119.000 119.700 124.550 128.700
Tower 119.400 123.750
Ground 121.900
Clearance del. 118.050
Departure 124.550 128.700 133.750
ATIS 115.100 127.800

+--+
____ _ | Paulo Santos Email: pas@cc.gatech.edu |
|____o,___/ ____| College of Computing |
([_________-\' | Georgia Tech Voice: +1 404 853-9393 |
| o' | Atlanta GA 30332-0280, USA Fax: +1 404 853-0673 |
+--+

3849. Re: Regency R4030 - What is this!?

Newsgroup: rec.radio.scanner
Date: 1994-05-17 09:02:07 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.219.0009095A@ccm.hf.intel.com>
Source record: 274310

In article <2r92mp$dj9$1@garnet.msen.com> eric@garnet.msen.com (Eric Norber) writes:

>I have a Regency R4030, that I find works quite well. It's been mod'ed to
>restore the 800's. My question is... is this model the same exact unit as
>a bearcat or a uniden? I've heard that it is, and I'm not sure. Also,
>what neat features (hidden, that is) does anybody know about for these
>units? Does anybody else also find that the battery lasts for about 20
>minutes and then is dead, even after a full recharge?
>All replies are appreciated. Acutally, please reply via e-mail, if
>possible, too (eric@golan.org). Thanks.
> - - Eric

The 4030 is the same as the BC200XLT. Only the case is different. The battery problem you are experiencing is either due to the fact that you have a shorted cell in the pack, or the voltage cutoff is too high for the scanner (there is a mod to fix this problem).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3850. Wanted: ICOM R7100

Newsgroup: rec.radio.scanner
Date: 1994-05-17 09:42:34 UTC
From: dpalik@skyblu.ccit.arizona.edu
Message-ID: <1994May17.024234.1@skyblu.ccit.arizona.edu>
Source record: 274303

Wanted: ICOM R7100

Don Palik
dpalik@ccit.arizona.edu

3851. Regency Touch M400 help?

Newsgroup: rec.radio.scanner
Date: 1994-05-17 09:55:50 UTC
From: rainey@vax.sonoma.edu
Message-ID: <1994May17.015550.1@vax.sonoma.edu>
Source record: 274302

I need all the information I can get on this old Regency Touch M400
mobile scanner... I bought it for around 35 bucks at a pawn shop,
and well it seems to work well. It apparently has 40 channels, but I can't
figure out how to work Bank 4. If anyone has any info, or insights
please email me...

aNTOCh

3852. Scanner antenna 4 sale

Newsgroup: rec.radio.scanner
Date: 1994-05-17 10:56:40 UTC
From: A3.GAP@ISUMVS.IASTATE.EDU
Message-ID: <2ra7tj$lvu@news.iastate.edu>
Source record: 274304

Hi

I have an Antenna Specialist antenna for sale. This antenna
is new, in the box and the box has not been opened.

Antenna Specialist
Base Station Model MON-58
25-1000 MHz

I'm asking $35 and you pay shipping.
--

____
Glenn Pearston (515) 294-0032 v
24 Horticulture Hall (515) 294-0730 f
Ames, IA 50011
pearston@iastate.edu

3853. Scanner prices?

Newsgroup: rec.radio.scanner
Date: 1994-05-17 11:59:14 UTC
From: dbernard@thewho.Central.Sun.COM
Message-ID: <2rabii$lll@cronkite.Central.Sun.COM>
Source record: 274195

Just wondering, has anyone noticed any trends in the prices of scanners, new and used, that are still capable of picking up Cellular frequencies? Has the ban, in effect, caused the dwindling supply and perhaps increased demand (buy now or never) to cause new and used prices to heat up?

3854. Re: Any Other stores in N.Y. for COOMMUNICATIONS other than Barry ?

Newsgroup: rec.radio.scanner
Date: 1994-05-17 12:45:19 UTC
From: schuster@panix.com
Message-ID: <2rae8v$nev@panix2.panix.com>
Source record: 274305

In article <2r9eq0$ijb@pipeline.com>,
Chris Barbosa <ligosa@pipeline.com> wrote:
>Does anyone know of any communication stores in NYC or LI
>Is barry electronics the only choice ?

Unfortunately, they probaly are.

While in the area recently I dropped in just to see if they carried any of
the JPS or Timewave DSP-based noise reduction/filter units.

No, they said; they don't carry stereo equipment.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3855. Re: Beyond Police Call

Newsgroup: rec.radio.scanner
Date: 1994-05-17 12:46:47 UTC
From: schuster@panix.com
Message-ID: <2raebn$nkd@panix2.panix.com>
Source record: 274306

In article <2r9j84$6d6@search01.news.aol.com>, BrianR1 <brianr1@aol.com> wrote:
>I just bought BPC this weekend and am disappointed with the format and the lack
>of frequencies listed for my county. I guess that's what I get for living in a
>rural area.!

I live in an urban area, and the RS salesdroid made a droll comment that
they didn't even list the security frequency for the mall he was in!

Coverage is spotty at best.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3856. Re: Strange 154.46 MHz transmissions

Newsgroup: rec.radio.scanner
Date: 1994-05-17 13:54:48 UTC
From: wbloss@delphi.com
Message-ID: <RgzMdvl.wbloss@delphi.com>
Source record: 274307

<paulrich@nbnet.nb.ca> writes:

>>> ... some automated/computerized transmissions on 154.46 MHz.
>>
>> 154.46375 MHz (yep, it's specified down to 50 Hz) is assigned to Remote
>>Control and Telemetry. It's used for peak load shedding by electric utilities.

It is more generally assigned in the USA to utilities...in my part
of the country (NW Missouri) it is used by water utilities to turn on/off
pumps etc. Many more in the 173.zzz Mhz area also.

Wally Bloss
WB0BAV
A Human

3857. Re: Help Newbie: Scan the Highway Patrol

Newsgroup: rec.radio.scanner
Date: 1994-05-17 14:08:37 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.222.000E2537@ccm.hf.intel.com>
Source record: 274322

In article <2raqi2$eqh@hp-col.col.hp.com> chrism@col.hp.com (Chris Magnuson) writes:

> I was using my ICOM-2SRA to try to find interesting highway patrol
> communication in the 150-156 MHz range. When I was scanning, I
> would periodically hear bleeping tones (deeeeeeeeeeee, daaaaaaaaaaa)
> and would tell the radio to skip those. Thing is, these tones
> seem to move around through the band over time, and are sometimes
> on the same frequency as conversations I would find later.

> Does anyone have any general strategies for dealing with these
> disturbances? I am real new to scanning but I hope this question
> isn't TOO stupid :)

If the tones you heard were distorted sounding, it was probably intermod. If the tones sounded clear, then you may be hearing pagers, or some notification tones for different agancies. Pagers and intermod are essentially the same thing to most scanner listeners. There is not a lot that can be done when you are using an HT. You may want to see if you can hear them on the 2m side of the radio as well as the wide-band side. Choose which ever is better.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3858. Re: Icom R-100 opinion/gripe

Newsgroup: rec.radio.scanner
Date: 1994-05-17 14:59:34 UTC
From: magnet@nRCHs022
Message-ID: <2ram4m$i8p@corpgate.nt.com>
Source record: 274308

Robert Allen (rja@batcomfs.Eng.Sun.COM) wrote:
: In article ddd@corpgate.nt.com, magnet@nRCHs022 (Brad Glidewell) writes:
: >
: > I recently bought an IC-R100 and have NOT been very happy with it. In fact it is
: > one of the poorest scanners I have seen from an "operational" stance. It has 100
: > channels and 10 search pairs. It comes with a mobile mounting bracket and power
: > cord. (optional accesories include DC converter and cigerett adapter). To use the
: > R-100 in a mobile is a frustration indeed! The stock speaker can't be heard above
: > average road noise. The search functions are so limmited that you start to resist
: > the urge to toss the thing out the window. The programmed searches can't be resumed
: > by turning the BFO or the up and down keys. This is a MAJOR defect in the design

: Don't take this the wrong way, but are you sure? The R1 allows this and I
: thought the software in both radios was nearly identical.

Yes, 8^(I'm sure.

: > of this system. The 100 channels can't be separated into blocks so you have to

: You probably have just one block that you can set the bounds on right?
: The 10 search pairs allow you to denote bands, but I guess not frequencies.

Right. If you wanted to monitor different PDs for example while traveling through
suburbs or cities you'd have to pull over and reprogram.

: > constantly program the skip fuctions to listen to ranges. The ONLY saving grace
: > this radio has is it's audio. It has the BEST audio quality of ANY scanner I've
: > heard so far. I used an OPTIMUS Pro7 speaker to test all my scanners and this one
: > sounded the best.

: Basically you've run into the problem that you bought a radio receiver,
: and not a true scanner. That's why it doesn't have all the functions

Yep, this is not the first time I lept in were angles feared to tip toe!

: you expect in a user-friendly scanner. The R1 is the same way, although
: the R100 has a much better radio than the R1.

I'm glad you replied because your opinion of the R1 is much different than mine.
I would much prefer the R1 over the r100. The R1 is a completly different radio
from the r100. (I have both.) The R1 will resume scans and does not have the mode
scan feature of the r100.

Thanks for your reply Robert,

-Brad

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

3859. Help Newbie: Scan the Highway Patrol

Newsgroup: rec.radio.scanner
Date: 1994-05-17 16:14:58 UTC
From: chrism@col.hp.com
Message-ID: <2raqi2$eqh@hp-col.col.hp.com>
Source record: 274311

I was using my ICOM-2SRA to try to find interesting highway patrol
communication in the 150-156 MHz range. When I was scanning, I
would periodically hear bleeping tones (deeeeeeeeeeee, daaaaaaaaaaaa)
and would tell the radio to skip those. Thing is, these tones
seem to move around through the band over time, and are sometimes
on the same frequency as conversations I would find later.

Does anyone have any general strategies for dealing with these
disturbances? I am real new to scanning but I hope this question
isn't TOO stupid :)

Thanks,
Chris Magnuson
chrism@col.hp.com
(719) 590-2963

3860. MaryMac phone number (again)

Newsgroup: rec.radio.scanner
Date: 1994-05-17 17:21:01 UTC
From: thooker@psl.nmsu.edu
Message-ID: <thooker.38.00115A2B@psl.nmsu.edu>
Source record: 274323

All right, I know that this number has been posted a thousand times, but I looked back as far as I could and I dont have a record of it, and it is not in the 800 directory. So please, one more time . . .

Thanks, Tracy
T. Hooker email: Thooker@PSL.NMSU.EDU
KA5ECS

3861. Re: Icom R-100 opinion/gripe

Newsgroup: rec.radio.scanner
Date: 1994-05-17 17:28:41 UTC
From: rja@batcomfs.Eng.Sun.COM
Message-ID: <2raus9$oc5@engnews2.Eng.Sun.COM>
Source record: 274312

In article i8p@corpgate.nt.com, magnet@nRCHs022 (Brad Glidewell) writes:
> : you expect in a user-friendly scanner. The R1 is the same way, although
> : the R100 has a much better radio than the R1.
>
> I'm glad you replied because your opinion of the R1 is much different than mine.
> I would much prefer the R1 over the r100. The R1 is a completly different radio
> from the r100. (I have both.) The R1 will resume scans and does not have the mode
> scan feature of the r100.

I agree that the software of the R1 sounds slightly better than that
of the R100, but the receiver portion has significant problems. Intermod
is so bad that "scanning" is a euphemism. The radio will lock on to a
frequency from way off of the center of the freq. If you have several
different freqs that are close together, and you're scanning them, you're
likely to lock on one when you really want to lock on the next one. The
primary advantage of the R1 is that it has a BFO, and it's compact. Audio
is poor, and the builtin battery doesn't last long at all. Still, I probably
wouldn't get rid of mine.

Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

In 1993, approximately 80 people were killed with so called Assault Weapons.
In that same year approximately 300 people were killed by bee stings.
These statistics cover the United States and the 80 number is an annualized
figure derived from the Justice Department and quoted by Dianne Feinstein.

3862. Re: ADD

Newsgroup: rec.radio.scanner
Date: 1994-05-17 19:27:51 UTC
From: cab@col.hp.com
Message-ID: <2rb5rn$3g@hp-col.col.hp.com>
Source record: 274313

> TOMCAT control message = ADD

The mother hen is at the roost.

3863. Pagers...

Newsgroup: rec.radio.scanner
Date: 1994-05-17 19:28:02 UTC
From: bo4373ch@meteor.uscolo.edu
Message-ID: <9405171928.AA17188@meteor.uscolo.edu>
Source record: 274314

Recently I saw an advertisement on Pop Com. on an anthena for 800mhz (supposed to improve cellular reception). Has anyone tried that?

Also, is there any decoder for Pager transmissions?

I would like the opportunity to thank this group for supporting begginers, unlike many other groups. I ordered my PRO-43, and will be using it in a few days.

3864. Re: ADD

Newsgroup: rec.radio.scanner
Date: 1994-05-17 19:43:14 UTC
From: schuster@panix.com
Message-ID: <2rb6oi$q9i@panix2.panix.com>
Source record: 274315

In article <1d.6004.930.0NAEA47F@travel.com>,
John Beard <john.beard@travel.com> wrote:
>TOMCAT control message = ADD

Sure thing.
Right away.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3865. Re: >What's a MOD file???

Newsgroup: rec.radio.scanner
Date: 1994-05-17 19:59:09 UTC
From: wy1z@bach.coe.neu.edu
Message-ID: <WY1Z.94May17155910@bach.coe.neu.edu>
Source record: 274316

In article <2r81gm$q0f@northshore.ecosoft.com> mc@northshore.ecosoft.com (Michael Crestohl) writes:

Path:
chaos.dac.neu.edu!noc.near.net!northshore.ecosoft.com!northshore.ecosoft.com!not-for-mail
From: mc@northshore.ecosoft.com (Michael Crestohl)
Newsgroups: rec.radio.scanner
Date: 16 May 1994 10:55:18 -0400
Organization: North Shore Access; a service of Eco Software, Inc.
Lines: 13
NNTP-Posting-Host: northshore.ecosoft.com

In a recent post malcolm (malcolm@bga.com) asked what was meant by mod files
in the context of this newsgroup.

Many scanners can be improved or modified for better performance/frequency
coverage by performing a simple circuit alteration. In this context, MODS
refer to the restoration of coverage of the 800MNz cellular mobile telephone
frequencies. However, after April 24th 1994, new models of scanners
imported into the U.S. will be very difficult if not impossible to modify
or restore to cover cellular. Hope this helps!
73 de VE2XZ/W1
mc@shore.net

Just a slight addition to your explanation - mods is short for
modification. Many radios are sold with certain frequency receiving
capabilities, and by performing a mod, the frequency range can be increased.

Some mods will also permit a radio to perform other functions, too, like
increased scan rates, the backlighting staying on indefinately, etc.

Hope this helps, too.

Scott
--
==
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na
Maintainer of the Boston Amateur Radio Club hamradio FTP area on
oak.oakland.edu - /pub/hamradio
==

3866. Re: Icom R-100 opinion/gripe

Newsgroup: rec.radio.scanner
Date: 1994-05-17 20:29:20 UTC
From: magnet@nRCHs022
Message-ID: <2rb9f0$jvo@corpgate.nt.com>
Source record: 274317

Robert Allen (rja@batcomfs.Eng.Sun.COM) wrote:
: primary advantage of the R1 is that it has a BFO, and it's compact. Audio
: is poor, and the builtin battery doesn't last long at all. Still, I probably
: wouldn't get rid of mine.

: ---
: Robert Allen, rja@sun.com

You'll have to pry my cold dead fingers off mine. I know some people
have experienced problems with this unit, I have not.

BTW, why does the R1 have an ethernet connector on the top? ;-)

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

3867. Re: Help Newbie: Scan the Highway Patrol

Newsgroup: rec.radio.scanner
Date: 1994-05-17 20:34:05 UTC
From: magnet@nRCHs022
Message-ID: <2rb9nt$jvo@corpgate.nt.com>
Source record: 274318

Chris Magnuson (chrism@col.hp.com) wrote:

: I was using my ICOM-2SRA to try to find interesting highway patrol
: communication in the 150-156 MHz range. When I was scanning, I
: would periodically hear bleeping tones (deeeeeeeeeeee, daaaaaaaaaaaa)
: and would tell the radio to skip those. Thing is, these tones
: seem to move around through the band over time, and are sometimes
: on the same frequency as conversations I would find later.

: Does anyone have any general strategies for dealing with these
: disturbances? I am real new to scanning but I hope this question
: isn't TOO stupid :)

I think what you're hearing is the control channel of a trunked system.
Sometimes the control channel will move from "channel1" etc. to the other
channnels allocated to the system. (typicaly at 00:00).

What I do is lock out the control channel on a daily basis.

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

3868. Re: Strange 154.46 MHz transmissions

Newsgroup: rec.radio.scanner
Date: 1994-05-17 20:50:57 UTC
From: cat@iglou.iglou.com
Message-ID: <1994May17.205057.4621@iglou.com>
Source record: 274309
Cross-posted to: rec.radio.scanner,alt.radio.scanner

paulrich@nbnet.nb.ca writes:

>On 15 May 1994 02:36:41 GMT, mulligan@ACM.ORG writes:
>>
>>> ... some automated/computerized transmissions on 154.46 MHz.
>>
>> 154.46375 MHz (yep, it's specified down to 50 Hz) is assigned to Remote
>>Control and Telemetry. It's used for peak load shedding by electric utilities.
>>
>> /* barry /&
>>I heard the same thing in 400 mhz. i thought i ask you seem to know about it
>its not in the ham band i know that but i forgot the freq. Thanks.

there are some splinter channels in the 450 to 470 mhz band that
are probley used the same as 154.46375 mhz but at very low rf power
output (under 2 watts) for small area coverage.
--
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
~ CaT@iglou.com ~ NSS - 34548 ~ CRF JV ~
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
~ Finger me for PGP and Other Shit!! ~

3869. Wanted: Boston, MA freque

Newsgroup: rec.radio.scanner
Date: 1994-05-17 21:45:00 UTC
From: art.laurie@channel1.com
Message-ID: <40.2682.2433.0NE1B9BD@channel1.com>
Source record: 274208

RT�probably be spending most of my time in Cambridge (having only been
�i the area once for a short vacation I have no idea what this means
�geographically :) and I am mostly interested in police/fire/private
�security type stuff.

Here's a few:

470.3125 Cambridge Police
471.3125 Secondary " "
154.355 Cambridge Fire (simulcast from 800mhz)
471.0625 Harvard U police
472.5375 MIT Police
470.6625 MBTA Police (all over)
460.350 ch1 Boston Police Spec ops
460.450 ch2 Boston area A
460.225 ch3 Boston area B
460.400 ch4 Boston area E
460.500 ch5 Boston area D
460.175 ch6 Boston area C
460.300 ch7 Boston car/car
460.125 ch8 Warrant/license checks
460.075 ch9 Detectives
483.1625 Boston Fire
.1875 fireground 1
.2125 fireground 2

That should get you started. For the services in Boston, there are
many more freqs than the ones listed. Good advice is to stop by U do
it Electronics and pick up a copy of Scanner Master for Ma. It is the
ultimate authority on freqs here.
---
art.laurie@channel1.com | Art Laurie means Quality!
70530.1537@compuserve.com | Ask for him by name!
Exeter St Theater, Boston MA. Boston's original home for RH (RIP)
---

* 1st 1.11 #3753 * I remember when Saturns were rockets, not cars.

3870. Re: Any Other stores in N.Y. for COOMMUNICATIONS other than Barry ?

Newsgroup: rec.radio.scanner
Date: 1994-05-17 22:02:28 UTC
From: aplew@pipeline.com
Message-ID: <2rbetk$rvc@pipeline.com>
Source record: 274319

ligosa@pipeline.com (Chris Barbosa) wrote:

>
>Does anyone know of any communication stores in NYC or
>LI Is barry electronics the only choice ?

You can also try Stuart Electronic Distributors at 79-12
Parsons Blvd., Flushing, NY, Ph.#591-9700. They're not a big
as Barry's, but I've found them knowledgeable.

3871. Re: Icom R-100 opinion/gripe

Newsgroup: rec.radio.scanner
Date: 1994-05-17 22:48:22 UTC
From: schuster@panix.com
Message-ID: <2rbhjm$fmv@panix2.panix.com>
Source record: 274320

In article <2raus9$oc5@engnews2.eng.sun.com>,
Robert Allen <rja@batcomfs.Eng.Sun.COM> wrote:
>
>likely to lock on one when you really want to lock on the next one. The
>primary advantage of the R1 is that it has a BFO, and it's compact. Audio
^^^^^^^^^

????

R1 has a BFO?

Not from the factory it doesn't.... :-)

[or did you mean VFO..]

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3872. Peak Conservation Receivers via Utility Companies.

Newsgroup: rec.radio.scanner
Date: 1994-05-17 22:49:19 UTC
From: af546@yfn.ysu.edu
Message-ID: <2rbhlf$e3p@news.ysu.edu>
Source record: 274321

Does anyboby know the frequencies used by utility companies for their
Peak Conservation Receiver Boxes they install on customers central rair
conditioners as an option to cutt off customers A/C during peak periods
of high consumption.
Here in Cincinnati, the Cincinnati Gas & Electric Company offers between
$4.00 to $24.00 rebate credit for those costomers that agree to be "cutt
off" from periods between 10 minutes to 25 minutes out of each half hour
period of peak emergency demand (determined by the utility co.). Each
customer has to have the utility company install a radio receiver with a
cut off switch beteen the central air unit and the breaker box next to the
compresser.
Anyone have any ideas?
--

3873. scanners on TV

Newsgroup: rec.radio.scanner
Date: 1994-05-17 23:06:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <769265177.AA03405@rochgte.fidonet.org>
Source record: 274184

> From: strech1@aol.com (Strech1)
> Organization: America Online, Inc. (1-800-827-6364)

> Starskey and Hutch was a 70's police drama. I remember having an old
> crystal
> controlled Radio Shack 4 channel scanner then, and it was the exact
> same radio that they used for a 'prop' on the show......

I was cable surfing the other day and saw a scanner sitting on a table
with "162.550" on the display. Naturally, the lady in the scene was using it
to hear police calls. :-)

==
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==

3874. no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-17 23:13:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <769265177.AA03406@rochgte.fidonet.org>
Source record: 274185

An ARRL employee (and others) have argued that ECPA and TDDRA have no effect on hams, and therefore ARRL was justified in basically ignoring the threat to other radio hobbies. Here are some more facts:

* Forwarded from "SCANRADIO"
* Originally by Glenn Cummins
* Originally to All
* Originally dated 15 May 1994, 13:31

As has been rumored and suspected, Kenwood has removed the 800-900 MHz reception capabilities from their TH-78A dual-band Ham HT. Models with serial numbers beginning with 51xxxxxxx are no longer capable of modification to receive ANY 800 MHz frequencies. The 380-420 military band is still restorable, along with the VHF and UHF expansion. Sources say all attempts at restoring even partial 800 MHz reception have failed; Kenwood says the freqs have been removed from the MPU chips used in production since early April 1994. The 200 ch memory module and other modification details remain the same as previous production runs.

==========
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

3875. Bearcat 55 or Realistic PRO-38

Newsgroup: rec.radio.scanner
Date: 1994-05-17 23:39:00 UTC
From: malcolm@bga.com
Message-ID: <2rbkik$lo3@giga.bga.com>
Source record: 274324

Any Mods on this model would be appreciated....

--
| Success is a figment |
| of the imagination |

3876. Yupiteru Heat Problem

Newsgroup: rec.radio.scanner
Date: 1994-05-18 01:44:04 UTC
From: stephenx1@aol.com
Message-ID: <2rbrt4$lc5@search01.news.aol.com>
Source record: 274177

Am I the only one whose Yupi heats up when using the AC power supply? I have tried a Rat Shack p.s. with the same result. Is there a "fix" for this problem? Is it just a normal part of Yupi-life?

3877. Hello

Newsgroup: rec.radio.scanner
Date: 1994-05-18 01:50:13 UTC
From: Rickey.Stein@illusion.metronj.org
Message-ID: <c83_9405181304@nisc.fidonet.org>
Source record: 274194

Hello- my name is Rickey Stein and I'm the International Editor for RCMA- a radio scanners club with some 2000+ members. My column in the monthy "Journal" covers all the world less the USA and Canada. I have just begun to receive this Echo on the BBS I use and I wonder how far out these messages go. I am always interested in receiving and sharing information about frequencies, systems and laws concerning monitoring in countries outside of the USA and Canada. I presently correspond with some 200 monitors around the world [by snail mail] . If anyone out there has information they'd like to send to me or if you need frequencies for a particular area I be glad to hear from you.
.
Rickey Stein
International Editor, RCMA

3878. pro-35 mods

Newsgroup: rec.radio.scanner
Date: 1994-05-18 04:48:42 UTC
From: oby1@csd4.csd.uwm.edu
Message-ID: <2rc6naINNakm@uwm.edu>
Source record: 274176

Would someone please post any/all mods for the Pro-35 by Realistic.

Thanks in advance. I don't get on much, so please it posted for a while.

3879. Re: MaryMac phone number (again)

Newsgroup: rec.radio.scanner
Date: 1994-05-18 06:15:37 UTC
From: dhz@crl.com
Message-ID: <2rcbq9$kkm@crl2.crl.com>
Source record: 274175

Tracy Hooker (thooker@psl.nmsu.edu) wrote:
>All right, I know that this number has been posted a thousand times, but I
>looked back as far as I could and I dont have a record of it, and it is not in
>the 800 directory. So please, one more time . . .

800-231-3680

>Thanks, Tracy
>T. Hooker email: Thooker@PSL.NMSU.EDU
>KA5ECS

No problem

--
JIM SHRYNE |\\ || //==\\ ===\\ || || ====//
ARS N6DHZ ||\\ || || || || ||=|| //
COMPUSERVE 70621,247 || \\|| ||==\\ || || || || //
E-MAIL dhz@crl.com || \\| \\==|| ===// || || //====

3880. Re: Bearcat 200XLT question

Newsgroup: rec.radio.scanner
Date: 1994-05-18 09:07:10 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.49.00091EE0@cornell.edu>
Source record: 274179

>I have a question about the range of the Bearcat 200XLT.
>With the attenna the scanner comes with, What is the range the
>scanner can pick things up from? Also I assume you can buy out dorr (Door)
>antten as? that have better coverage, what I mean is better range?
> I am not correct? If there is an outdoor antenna, what Model
>is it? Also is there a good anteenna for a car?
>Excuse all the spelling mistakes, computer goes apeshit, if I try
>to correct them!

To answer your first question a receiver has no range per se. It depends on the relative strength of the signal it receives. So it depends on the transmitting source to "get the range"

Sensitivity and a good antenna have a lot to do with what you hear. The old saying that a bad radio with a good antenna will hear more than a good radio with a bad antenna, is quite often true. I use a RS mobil scannet antenna on my Bronco and am satisfied with it's performance. As for a base antenna I have a discone, but any good base antenna will do wonders for the 2006

happy listening
Carl (EX-Jarhead)
"To those who have fought for it, freedom has a flavor the protected will never know"

SSS EEE MM MM PPP EEE RRR FFF III
S E M M M P P E R R F I
SSS EE M M P P EE R R FF I
S E M M P E R R F I
SSS EEE M M P EEE R R F III

3881. Re: Peak Conservation Receivers via Utility Companies.

Newsgroup: rec.radio.scanner
Date: 1994-05-18 09:14:14 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.223.00093D0C@ccm.hf.intel.com>
Source record: 274187

In article <2rbhlf$e3p@news.ysu.edu> af546@yfn.ysu.edu (Tony Rossi) writes:

>Does anyboby know the frequencies used by utility companies for their
> Peak Conservation Receiver Boxes they install on customers central rair
> conditioners as an option to cutt off customers A/C during peak periods
> of high consumption.
>Here in Cincinnati, the Cincinnati Gas & Electric Company offers between
> $4.00 to $24.00 rebate credit for those costomers that agree to be "cutt
>off" from periods between 10 minutes to 25 minutes out of each half hour
>period of peak emergency demand (determined by the utility co.). Each
>customer has to have the utility company install a radio receiver with a
>cut off switch beteen the central air unit and the breaker box next to the
>compresser.
> Anyone have any ideas?

Thinking about building a transmitter, are you? :-}

That would be a dirty trick in the middle of the summer.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3882. Re: Icom R-100 opinion/gripe

Newsgroup: rec.radio.scanner
Date: 1994-05-18 09:19:53 UTC
From: lps@rahul.net
Message-ID: <Cpzr96.8n5@rahul.net>
Source record: 274193

>Brad Glidewell wrote:

>> > ...The programmed searches can't be resumed by turning the BFO or
>> > the up and down keys. This is a MAJOR defect in the design....

>Then Robert Allen wrote:

>> ...Don't take this the wrong way, but are you sure? The R1 allows
>> this and I thought the software in both radios was nearly identical.,,,

After that, Dave Eitelbach wrote

> I have both scanners. I have noticed the same search limitation
> in the R-100 as Mr. Glidwell. With the R-1, one is able to resume a
> search from where one is by dialing the tuning knob. Not so with the
> R-100. If one breaks the search (not the squelch) with the R-100 by
> touching the tuning knob or up/down arrow, the search is over. One has
> to start searching from the beginning of the range.

This would seem to be a firmware fix; anyone know anybody at Icom?

If it only had an adjustable BFO as well.....

Still happy with my R100 and R1,

--

Kevin Martinez lps@rahul.net Member of the Julie Kangas Fan Club
Those Roly Poly Fishheads told me what to write... Mmmmmm!!

3883. scanner freqs for Palm Springs,CA?

Newsgroup: rec.radio.scanner
Date: 1994-05-18 13:07:06 UTC
From: rr03@academia.swt.edu
Message-ID: <1994May18.070706.1@academia.swt.edu>
Source record: 274181

Hi:

I'll be spending several days in Palm Springs, CA. and will take my pro-35
along. Anyone have frequencies for that town they would post?
Everything from the airport to local law enforcement would be appreciated...
You could throw in one or two hotel security/whatever freqs,
say the Wyndham, too if you were so inclined.

Ryan Rudnicki
rr03@academia.swt.edu

3884. TANDY PHONE NUMBERS

Newsgroup: rec.radio.scanner
Date: 1994-05-18 14:00:50 UTC
From: barry.adair@chrysalis.org
Message-ID: <9405181400.A2398wk@chrysalis.org>
Source record: 274203

This may help the folks that were needing to get in touch with Tandy

Radio Shack National Headquarters Tandy Service Parts
General Infomation and Switchboard 7435 Airport Freeway
One Tandy Center Fort Worth Texas 76118
Fort Worth Texas 817-284-8691
817-390-3011

Consumer Products Service TCS
7435 Airport Freeway
Fort Worth Texas 76118
817-284-1633

Tandy National Parts
900 E. Northside Drive
Fort Worth Texas 76102
817-870-5600

Executive Offices
1800 One Tandy Center
Fort Worth Texas
817-390-3700

If you can't find what you are looking for send me a message at
barry.adair@chrysalis.org I will try to help as I am at the outlet
at national parts about 2 times a week.
P.S. national parts will ship to a customer, but you may have to have the
part number of the part you are looking for, the operators there do not
have access to parts catalogs, they only have inventory list and pricing

barry.adair@chrysalis.org

* Evaluation copy of Silver Xpress. Day # 0
* Silver Xpress V4.00

3885. The Maryland DC area (Mont. County)

Newsgroup: rec.radio.scanner
Date: 1994-05-18 14:10:21 UTC
From: (unknown)
Message-ID: <Cq04p9.13L@haquer.uucp>
Source record: 274189

Does anybody have the unpublished freqs for the Montgomery
County Police dept. (Silver Spring - Wheaton)? I know there is
more than the junk in ther police call book.

-Alby

3886. Stealth Wireless Mike?

Newsgroup: rec.radio.scanner
Date: 1994-05-18 14:34:09 UTC
From: horak@convex.com
Message-ID: <horak.769271649@convex.com>
Source record: 274182

I was at a seminar yesterday where a guy was using a wireless. I checked out the receiver when the class took a break but the frequency was "A4" on the back of the unit :-(I had my Yupi MVT7100 with me so I scanned the normal 160-220 band in 5K steps but didn't find anything. Then, I scanned the 470-495 band with no success. I was using the attenuator and a cheap rubber duck to eliminate all but the strongest signals. I've used this method several times at church where we have about 40 wireless mikes and have always had good results. Next, since I had all day, I scanned everything from 100 KHz to 1000 MHz with no luck. I went back and scanned 160-220 in WFM mode and still found nothing. I am baffled. I know that these seminars charge big bucks for the tapes but I am wondering if they somehow are scrambling or using digital in their wireless mike. Unfortunately, I did not have my frequency counter with me.

Any ideas?

David

3887. PRO-2028 FREQUENCY EXTENSION?

Newsgroup: rec.radio.scanner
Date: 1994-05-18 14:39:00 UTC
From: av@lns62.lns.cornell.edu
Message-ID: <0097E9C2.94A0C340@lns62.lns.cornell.edu>
Source record: 274183

Can the PRO-2028 scanner be modified to receive frequencies above it's stated limit of 512MHz? I'm interested even if it's not an easy mod.
Thanks,
Al Venooker
Cornell University

3888. Re: Help Newbie: Scan the Highway Patrol

Newsgroup: rec.radio.scanner
Date: 1994-05-18 15:41:30 UTC
From: dkm@col.hp.com
Message-ID: <2rdcva$8at@hp-col.col.hp.com>
Source record: 274188

You proably heard intermod from a pager transmitter. The Colorado Highway Patrol does not use a trunked system (at least for the Colorado Springs yet). For being a relatively small city, Colorado Springs seems to have a zillion pager transmitters and my Pro-43 wants to lock in to all of them :(

Dave Martin - dkm@col.hp.com

3889. Re: Yupiteru Heat Problem

Newsgroup: rec.radio.scanner
Date: 1994-05-18 16:06:28 UTC
From: gesman@io.org
Message-ID: <2rdee4$std@ionews.io.org>
Source record: 274196

In article <2rbrt4$lc5@search01.news.aol.com>,
Stephenx1 <stephenx1@aol.com> wrote:
>Am I the only one whose Yupi heats up when using the AC power supply? I have
>tried a Rat Shack p.s. with the same result. Is there a "fix" for this problem?
>Is it just a normal part of Yupi-life?

Probably it is a normal fact. I have the same. I could even feel heat through
vinyl case. It's not much heat though. According to product review by
Howard Bornstein heating is a fact, but not a big problem.
I just measured the voltage of this power supply, using digital multimeter.
It shows 18.95 V !
Now my question: is it ok? (PSU wasn't loaded).

--
Gleb Esman.

3890. Re: Stealth Wireless Mike?

Newsgroup: rec.radio.scanner
Date: 1994-05-18 16:15:41 UTC
From: gesman@io.org
Message-ID: <2rdevd$t1i@ionews.io.org>
Source record: 274197

In article <horak.769271649@convex.com>, David Horak <horak@convex.com> wrote:
>I was at a seminar yesterday where a guy was using a wireless. I checked
>out the receiver when the class took a break but the frequency was "A4"
>on the back of the unit :-(I had my Yupi MVT7100 with me so I scanned
>the normal 160-220 band in 5K steps but didn't find anything. Then, I
>scanned the 470-495 band with no success. I was using the attenuator and
>a cheap rubber duck to eliminate all but the strongest signals. I've used
>this method several times at church where we have about 40 wireless mikes
>and have always had good results. Next, since I had all day, I scanned
>everything from 100 KHz to 1000 MHz with no luck. I went back and scanned
>160-220 in WFM mode and still found nothing. I am baffled. I know that
>these seminars charge big bucks for the tapes but I am wondering if they
>somehow are scrambling or using digital in their wireless mike.
>Unfortunately, I did not have my frequency counter with me.
>
>Any ideas?

According to one source I found in my mess, wireless microphones
uses also: 36.7, 37.1, 37.16, 40.68, 42.89, 44.87, 47.27 MHZ.
Try them. Another possibility is that microphone starts transmitting only
when voice is detected. It's pure my idea - I don't know for real.
But in that case scanner could miss frequency if the guy doesn't speak.

--
Gleb Esman.

3891. Wanted: Boston, MA frequencies & other info(?)

Newsgroup: rec.radio.scanner
Date: 1994-05-18 17:16:50 UTC
From: cq@kidd.vet.purdue.edu
Message-ID: <CQ.94May18121650@kidd.vet.purdue.edu>
Source record: 274186

Hello... I will soon be heading out to Boston and of course I'll be bringing my scanner with me. So, I'm wondering if there are any Bostonians out there who can point me at the right frequencies. I'll probably be spending most of my time in Cambridge (having only been i the area once for a short vacation I have no idea what this means geographically :) and I am mostly interested in police/fire/private security type stuff.

Also, it looks like this may well be a permanent move for me, so I am also looking for pointers to any local radio-related resources... scanner and ham radio clubs, local radio-related publications, etc. Any and all information would be much appreciated.

Thanks,
--Rob

p.s. I looked on ftp.catt.ncsu.edu, but the file of Massachusetts frequencies seems to be truncated after the C's. While this means it probably does include what I want ("BOSTON, CITY OF" et. al.), I know from experience that interesting stuff is not always licensed by the most obvious name so I thought I should ask anyway...
--
Rob Tillotson N9MTB Internet: cq@staff.cc.purdue.edu
Home: cq@arcana.mdn.com
NewtonMail: robt@online.apple.com
<A HREF="http://kidd.vet.purdue.edu:6243/~cq/home.html">My Personal WWW Page</A>

3892. Re: Icom R-100 opinion/gripe

Newsgroup: rec.radio.scanner
Date: 1994-05-18 17:17:00 UTC
From: rja@batcomfs.Eng.Sun.COM
Message-ID: <2rdiic$f70@engnews2.Eng.Sun.COM>
Source record: 274191

In article fmv@panix2.panix.com, schuster@panix.com (Michael Schuster) writes:
>
> R1 has a BFO?
>
> Not from the factory it doesn't.... :-)
>
> [or did you mean VFO..]

Ooops :-). Yes, I meant VFO... How embarassing..

Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

In 1993, approximately 80 people were killed with so called Assault Weapons.
In that same year approximately 300 people were killed by bee stings.
These statistics cover the United States and the 80 number is an annualized
figure derived from the Justice Department and quoted by Dianne Feinstein.

3893. This Week on Spectrum May 21, 1994

Newsgroup: rec.radio.scanner
Date: 1994-05-18 17:59:57 UTC
From: spectrum@starcomm.overleaf.com
Message-ID: <2rdl2t$fn0@starcomm.overleaf.com>
Source record: 274190
Cross-posted to:
rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.scanner,rec.video.satellite,rec.radio.cb,alt.radio.scanner,alt.radio.pirate

On Saturday May 21'st we will have a special guest on Spectrum. Cliff Stoll K7TA the author of 'The Cuckoos Egg'. We will talk about the internet and his extremely interesting views on the communications world as we enter the 21'st century. We will in addition get a guided tour through the internet from one of the worlds leading experts. We'll also take a look at computer security. So join us for a digital Spectrum from the high-tech edge.

On May 28'th we will interview Larry Ledlow NA5E. Larry has just returned from an assignment with the UN in Croatia and Bosnia. He will clue us in on the communications scene in that troubled part of the world.

On Saturday June 4'th we will take a look at Digital Audio Broadcasting or DAB. This high-tech system of broadcasting is in the wings and should be here near the end of the century. A few systems have been proposed for dab and a standard hasn't been decided as of yet. Our guest will be Ted Schober. Ted has been on the leading edge in the world of DAB and will give us a look into the radio of the future.
--
Spectrum airs live Sunday at 0200 UTC (2200 EDT Saturday) on:

WWCR, 5810 KHz, Nashville, TN (World Wide)
WIFI, 1460 AM, Florance, NJ (Philadelphia Area)
KHNC, 1360 AM, Johnstown, CO (Denver Area)
Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)

Spectrum is rebroadcast:

Sunday at 1500 EDT, on WIFI, 1460 AM, Florance, NJ (Philadelphia Area)

--
Spectrum, "The Communications Magazine You Read With Your Ears."
Box 722, Holmdel, NJ, 07733-0722, USA
spectrum@overleaf.com, askspectrum@attmail.com
+1 800-787-SPECTRUM, +1 908-671-4209

3894. Antenna Length

Newsgroup: rec.radio.scanner
Date: 1994-05-18 18:53:28 UTC
From: jdross@sdcc13.ucsd.edu
Message-ID: <67710@sdcc12.ucsd.edu>
Source record: 274198

A while back, someone posted the formula for calculating the length of an antenna needed for a specific frequency. The formula was that the length of the antenna should be equal in feet to the frequency divided by 430. Well, maybe my math isn't as good as it should be, but I'm not getting any helpful answers out of that equation. If anyone has any other formulas to calculate the length of an antenna for a specific frequency, please post them here. Thanks!

J.D. Ross
La Jolla, California
jdross@sdcc13.ucsd.edu

3895. BC142XL

Newsgroup: rec.radio.scanner
Date: 1994-05-18 18:58:28 UTC
From: scott@hp8c.nrl.navy.mil
Message-ID: <scott.2.000DF9DE@hp8c.nrl.navy.mil>
Source record: 274192

I have a 142 and was wondering if anyone knows of any mods that can be done to this model. Dont laugh anyone, I'm saving $$$ for a grown up radio.
BTW, thanks to everyone who posts here. I've learned a tremendous amount and look forward to more.

3896. Re: single ch x-tal receiver?

Newsgroup: rec.radio.scanner
Date: 1994-05-18 20:45:22 UTC
From: joe@netcom.com
Message-ID: <joeCq0Mzr.KIG@netcom.com>
Source record: 274207
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

You may want to look at a used Motorola pager - the Bravo has a super sensitive and selective VERY small FM receiver - ultra low power, you need a simple audio amp.

--Joe

--

Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046

3897. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-18 20:47:04 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-180594134611@earl.llnl.gov>
Source record: 274202

In article <2r5psk$7q6@phantom.oit.gatech.edu>,
ccopreb@phantom.oit.gatech.edu (Earl Barfield) wrote:
>
> In <1994May13.100014.2337@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
> >>> Not true. Regardless of what Monitoring Times reported, by FCC
> >>> defintion the PRO-43 _is_ easily modifiable by the end user.
> >>
> >> I have seen the newer PRO-43, it is not restorable.
>
> How can you tell a new (unrestorable) Pro-43 from an old (restorable)
> one? Is there a different part number or something, or do you just
> have to find the serial number cutoff? For what it's worth, my Pro-43
> (S/N 07422x) is restored and works fine?
> --
The newer nonrestorable unit (PRO-43) has a model # of 20-300A. I am not
sure if it has been released yet.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

3898. Re: Stealth Wireless Mike?

Newsgroup: rec.radio.scanner
Date: 1994-05-18 20:47:17 UTC
From: horak@convex.com
Message-ID: <horak.769294037@convex.com>
Source record: 274205

In <2rdevd$t1i@ionews.io.org> gesman@io.org (Gleb Esman) writes:

>>everything from 100 KHz to 1000 MHz with no luck. I went back and scanned

>According to one source I found in my mess, wireless microphones
>uses also: 36.7, 37.1, 37.16, 40.68, 42.89, 44.87, 47.27 MHZ.
>Try them. Another possibility is that microphone starts transmitting only
>when voice is detected. It's pure my idea - I don't know for real.
>But in that case scanner could miss frequency if the guy doesn't speak.

As in my original post, I scanned from 100 KHz up to 1 GHz so I covered these
freqs. I have a special bank set up for itinerate freqs that I scanned too.
Your idea about a voice activated mike seems plausable though;
however, I scanned almost all day and this guy hardly ever shut up! :-)
I did not scan in the AM mode though. It could be that his mike was AM
but you'd think the scanner would still lock on the signal. All the wireless
mikes I work with are FM.

David

3899. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-18 20:49:10 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-180594134818@earl.llnl.gov>
Source record: 274204

In article <2r8poc$m2u@pipeline.com>, rpetteng@pipeline.com (Roger Pettengill) wrote:
>
>
> >jerry@hnrc.tufts.edu (Jerry Dallal) writes:
> >
> > I have seen the newer PRO-43, it is not restorable.
>
> How did you know it was not restorable? As far as I know the
> new ones are not out yet. They still have the old ones to get
> rid off.

Because I know. I did not say the new one was released yet. It will have a model # of 20-300A.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

3900. Re: Scanner mod.

Newsgroup: rec.radio.scanner
Date: 1994-05-18 21:25:27 UTC
From: robin@uhunix.tmc.edu
Message-ID: <Cq0ouG.1r7@news.Hawaii.Edu>
Source record: 274209

Are the Pro-46s that are on sale now restorable? Is this
a good handheld for a starter. Will I regret not spending
around $150 for a 43? Also, will I regret not dishing out
for a 2006 base or should one have both types?
Thanks!!

--
----

rob

3901. Re: Icom R-100 opinion/gripe

Newsgroup: rec.radio.scanner
Date: 1994-05-18 21:38:47 UTC
From: leej@nickye.austin.ibm.com
Message-ID: <Cq0pGn.4FEM@austin.ibm.com>
Source record: 274200

In article <2raus9$oc5@engnews2.Eng.Sun.COM>, rja@batcomfs.Eng.Sun.COM (Robert Allen) writes:

|> The
|> primary advantage of the R1 is that it has a BFO, ...

My R1 doesn't have a BFO!??
When was that added?

--
Lee Johnson (leej@austin.ibm.com)

3902. WANTED: BC200XLT docs

Newsgroup: rec.radio.scanner
Date: 1994-05-18 22:04:42 UTC
From: mike@Hopper.itc.Virginia.EDU
Message-ID: <Cq0qnu.82z@murdoch.acc.Virginia.EDU>
Source record: 274212

I would really appreciate some scanned or typed BC200XLT docs if anyone
can provide them or pointers to them. Thanks!
--
Mike Chapman mike@hopper.itc.virginia.edu ...!virginia!doxy!mike
mike@onyx.pvcc.cc.va.us mike@w3eax.umd.edu

3903. FOR SALE: Uniden MR8100A Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-18 22:46:08 UTC
From: mc@northshore.ecosoft.com
Message-ID: <2re5rg$rsj@northshore.ecosoft.com>
Source record: 274199
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

I am posting this goodie for a friend:

For Sale: UNIDEN MR-8100A Scanner:
designed for use by the California Highway Patrol, covers up to 950 MHz (including cellular), 100 channels, scans at 100 channels per second, has unique alpha-numeric display which can be programmed with a personal computer (software included). Like new, in original box with heavy-duty mobile speaker, programming software, all manuals, shipped UPS ground for $235.00.

3904. Re: Yupiteru Heat Problem

Newsgroup: rec.radio.scanner
Date: 1994-05-19 00:10:09 UTC
From: schuster@panix.com
Message-ID: <2reap1$54s@panix2.panix.com>
Source record: 274206

In article <2rdee4$std@ionews.io.org>, Gleb Esman <gesman@io.org> wrote:
>In article <2rbrt4$lc5@search01.news.aol.com>,
>
>Probably it is a normal fact. I have the same. I could even feel heat through
>vinyl case. It's not much heat though. According to product review by
>Howard Bornstein heating is a fact, but not a big problem.
>I just measured the voltage of this power supply, using digital multimeter.
>It shows 18.95 V !
>Now my question: is it ok? (PSU wasn't loaded).

If you know this already then please skip the following ... but I thought
it important to reierate,

The Japanese wall transformer included with many domestic Japanese sets is
designed for 100 VAC. Use on US house current will result in an output
voltage that is 20% too high. That is partly responsible for some Yupi's
heating up.

Most such power supplies are rated (e.g. 12VDC @300 mA) at full load,
since they are unregulated. So a reading of 18.95V with no load, is
uninterpretable.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3905. HELP!!! I need DISNEYWORLD freqs!

Newsgroup: rec.radio.scanner
Date: 1994-05-19 00:34:44 UTC
From: bozobrown@delphi.com
Message-ID: <B42v1rU.bozobrown@delphi.com>
Source record: 274266

Today is Wednesday, 5/18, I'm leaving Friday for DisneyWorld and can't find the freqs!

I see from other postings that they are/have moved to 800 trunked system, but there ought to be SOMETHING left to listen to.

I know this is the last minute, but if anyone can help, I'd surely appreciate it!

Thanks in advance
Charles Brown
bozobrown@delphi.com

3906. looking for bc100xlt battery pack

Newsgroup: rec.radio.scanner
Date: 1994-05-19 00:34:52 UTC
From: "Patrick D. Lukens" <ASPDL@ASUACAD.BITNET>
Message-ID: <94138.173452ASPDL@ASUACAD.BITNET>
Source record: 274201
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I'm looking for a cheap replacement battery pack for a 100xlt. Any suggestions? Anyone got one they'd be willing to part with for a small sum? (especially in the Phoenix area)... Any help would be appreciated..

Please respond by E-Mail.. I don't get to the groups much.
Thanks..

ASPDL@ASUACAD or ASPDL@ASUVM.INRE.ASU.EDU

3907. Pro-46, too please

Newsgroup: rec.radio.scanner
Date: 1994-05-19 01:13:36 UTC
From: johnc@magnus1.com
Message-ID: <Cq0zEq.51u@magnus1.com>
Source record: 274231

If anyone is feeling up to helping out a few folks, I just took advantage of (or did Rat Shack take advantage of Me?) the sale in the PRO-46. Now, if only I could access those blocked freq's.....
Thanks in advance

BTW, how is it that I *DO* seem to receive some cellular in the 898-903 range?

3908. Re: Wanted: Boston, MA frequencies & other info(?)

Newsgroup: rec.radio.scanner
Date: 1994-05-19 01:24:02 UTC
From: PER4442@draper.com
Message-ID: <PER4442.37.001466C8@draper.com>
Source record: 274232

In article <CQ.94May18121650@kidd.vet.purdue.edu> cq@kidd.vet.purdue.edu (Rob Tillotson) writes:
>From: cq@kidd.vet.purdue.edu (Rob Tillotson)
>Subject: Wanted: Boston, MA frequencies & other info(?)
>Date: Wed, 18 May 1994 17:16:50 GMT

>Hello... I will soon be heading out to Boston and of course I'll be
>bringing my scanner with me. So, I'm wondering if there are any
>Bostonians out there who can point me at the right frequencies. I'll
>probably be spending most of my time in Cambridge (having only been
>i the area once for a short vacation I have no idea what this means
>geographically :) and I am mostly interested in police/fire/private
>security type stuff.

>Also, it looks like this may well be a permanent move for me, so I am
>also looking for pointers to any local radio-related resources...
>scanner and ham radio clubs, local radio-related publications, etc.
>Any and all information would be much appreciated.

>Thanks,
>--Rob

>p.s. I looked on ftp.catt.ncsu.edu, but the file of Massachusetts
>frequencies seems to be truncated after the C's. While this means it
>probably does include what I want ("BOSTON, CITY OF" et. al.), I know
>from experience that interesting stuff is not always licensed by the
>most obvious name so I thought I should ask anyway...
>--
>Rob Tillotson N9MTB Internet: cq@staff.cc.purdue.edu
> Home: cq@arcana.mdn.com
> NewtonMail: robt@online.apple.com
><A HREF="http://kidd.vet.purdue.edu:6243/~cq/home.html">My Personal WWW Page</A>

TRY SCANNER MASTER 508-655-6300 THEY HAVE THE MOST COMPLETE LIST IN THE
AREA. GOOD LUCK.

3909. computer interface for BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-05-19 01:56:10 UTC
From: mike@Hopper.itc.Virginia.EDU
Message-ID: <Cq11DM.CIu@murdoch.acc.Virginia.EDU>
Source record: 274210

I'd like to hack a computer interface into the BC200 using its keypad for input. What would be the easiest way to build a device that could decode serial data into the 6 column x 4 row keypad input? Thanks for any help.
--
Mike Chapman mike@hopper.itc.virginia.edu ...!virginia!doxy!mike
mike@onyx.pvcc.cc.va.us mike@w3eax.umd.edu

3910. Re: Cheap Discone Antennas

Newsgroup: rec.radio.scanner
Date: 1994-05-19 03:36:35 UTC
From: rp4541@albnyvms.bitnet
Message-ID: <2rems3$m9k@rebecca.albany.edu>
Source record: 274214
Cross-posted to: alt.radio.scanner,rec.radio.amateur.misc,rec.radio.scanner,rec.radio.shortwave

In article <2r5qmd$mgo@girtab.usc.edu>, asplund@girtab.usc.edu (Information Missing) writes:
>Hello all,
>
>Recently I saw an ad in one of the hundreds of scanner/ham radio magazines I
>subscribe to for an inexpensive (around $29.95) discone antenna. However, I
>cannot seem to find the ad after many hours of looking. Since I am looking to
>purchase five of these antennas, I would like to find the best deal possible.
>
>If anyone knows of a good source for inexpensive discone antennas, I would
>appreciate it if you passed the information along to me at: asplund@aludra.usc.edu.
>
>Thank you for the help.
>--Daryl
>
Why don't you try Copper Electronics. They have a line of good Scanner antennas, mobile and base. Their phone number is 1-800-626-6343 and ask for a catalog. They have a base antenna starting at 14.99. Hope this helps!

| Ronald Poserina Jr. (rp4541@albnyvms.bitnet) |
| *** S.U.N.Y. at Albany *** |
| Box 1477 State Quad, SUNY Albany, Albany, NY 12222 |

|"A place where anything can happen, and usually does!"|

3911. Re: This Week on Spectrum May 21, 1994

Newsgroup: rec.radio.scanner
Date: 1994-05-19 04:09:45 UTC
From: johnboy@mcs.com
Message-ID: <johnboy.4.001EC15E@mcs.com>
Source record: 274211
Cross-posted to:
rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.scanner,rec.video.satellite,rec.radio.cb,alt.radio.scanner,alt.radio.pirate

>
>On Saturday June 4'th we will take a look at Digital Audio Broadcasting
>or DAB. This high-tech system of broadcasting is in the wings and
>should be here near the end of the century. A few systems have been
>proposed for dab and a standard hasn't been decided as of yet. Our
>guest will be Ted Schober. Ted has been on the leading edge in the
>world of DAB and will give us a look into the radio of the future.
>--
>Spectrum airs live Sunday at 0200 UTC (2200 EDT Saturday) on:

> WWCR, 5810 KHz, Nashville, TN (World Wide)
> WIFI, 1460 AM, Florance, NJ (Philadelphia Area)
> KHNC, 1360 AM, Johnstown, CO (Denver Area)
> Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)
>

Actually, only the USA has not yet adopted the system accepted worldwide as
the standard for DAB. (Mostly because of intense lobbying by commercial AM
and FM broadcasters who see it as new competition in an already competitive
market.)
Trials of DAB has already begun in the highly populated Windsor - Quebec City
corridor in Canada, and elsewhere around the world.

3912. Yupiteru Question

Newsgroup: rec.radio.scanner
Date: 1994-05-19 04:38:05 UTC
From: stephenx1@aol.com
Message-ID: <2reqfd$c9f@search01.news.aol.com>
Source record: 274213

I have a Rat Shack PRO-46 and a Yupi MVT-7100 (among others). My question concerns the frequencies displayed in the 800-900 mhz. area. I receive identical transmissions on both units but at different frequecies. Any ideas?

3913. Re: Yupiteru Heat Problem

Newsgroup: rec.radio.scanner
Date: 1994-05-19 09:40:37 UTC
From: malcolm@black.ox.ac.uk
Message-ID: <1994May19.094037.9640@black.ox.ac.uk>
Source record: 274215

I assume that the Yupi in question is an MVT7100, if not, disregard my comments! ...

The instructions say that it must be turned off when the adaptor is plugged in to charge the batteries, it is not clear clear whether turning it on with the adaptor in cuts out the battery charger or just reduces the charge to a trickle. Clearly it will run from the adaptor with the NiCads in place but the man I bought mine from (Haydon Communications in North London) commented that this usage tends to bring thermal cutouts into action (not clear whether this is in the radio or the adaptor).

On the other hand ... mine arrived from the factory with the adaptor's power plug end (glued in place) set for the wrong polarity. The radio got VERY warm dropping the entire output of the adaptor and nicely kept the whole lot away from the NiCads. I can assure you that it can survive getting uncomfortably hot around the power connector!

Malcolm.
+
| Malcolm Austen, Tel: +44(0) 865 273216
| Oxford University Computing Services, Fax: +44(0) 865 273275
| 13 Banbury Road, Email - JANET: malcolm.austen@uk.ac.ox.oucs
| Oxford, OX2 6NN, England Internet: malcolm.austen@oucs.ox.ac.uk
+

3914. Re: Yupiteru Question

Newsgroup: rec.radio.scanner
Date: 1994-05-19 13:27:24 UTC
From: schuster@panix.com
Message-ID: <2rfpfs$jmd@panix2.panix.com>
Source record: 274216

In article <2reqfd$c9f@search01.news.aol.com>,
Stephenx1 <stephenx1@aol.com> wrote:
>I have a Rat Shack PRO-46 and a Yupi MVT-7100 (among others). My
>question concerns the frequencies displayed in the 800-900 mhz. area.
>I receive identical transmissions on both units but at different
>frequecies. Any ideas?

One, or both, is receiving IF-related images of real transmissions. The
dual conversion PRO-46 is notorious for this phenomenon in the 800 MHz
band. That is why the scanner ban is a joke with regard to dual-conversion
rigs.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3915. Re: The perfect handheld scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-19 13:44:07 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.225.000DBCA1@ccm.hf.intel.com>
Source record: 274237

In article <2rg8ue$7t2@hpcan240.mentorg.com> mrosneck@wv.mentorg.com (Mark Rosneck) writes:

>In general, I'm looking for a monitor radio for use in a hot air
>balloon. I generally use 2 meter ham for communications (Yes -- I'm
>a ham -- KB0US -- and, yes I have at least one ham on the crew to
>run the radio). I'd like to monitor other balloonists using GMRS,
>CB, aircraft, VHF business band, and as a partial backup to the 2 meter
>radio. The basic requirement is to be able to easily program frequencies.
>I probably don't need to program more than 10 channels at any one time.
>I also don't need to be able to "search" very often although it would
>be nice to "search" for a signal and then store it for times when
>someone says "I dunno what frequency we're using. I jus' press da
>button."

>I also believe that some VHF business radios have a tone encoding scheme.
>I assume (although I don't know) that this is used to filter who
>can trip the squelch. My guess is that it's sub-audible and it doesn't
>affect my ability to monitor these. Can someone clarify/correct/amplify
>on this?

I don't know if there is a scanner that exactly meets your needs, but you may want to look at the Icom 2SRA. It is a 2m HT with a wideband scanner built in. It has built in sub-audible tone decoding (but to answer your question, you don't need this feature). It costs around $450, but it could take the place of your HT, so you would only need one radio. There are not too many scanners that cover the CB band, so if you eliminate that requirement, you will have more options. Also CB doesn't come in too well with a little rubber antenna on any scanner.

You may also want to check into Uniden's new SportCat scanner. It has some unique features.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3916. Re: BC200XLT Almighty Secret Code of Death?

Newsgroup: rec.radio.scanner
Date: 1994-05-19 13:54:19 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2rfr2b$jse@samba.oit.unc.edu>
Source record: 274217

In article <brett_miller.209.00085A15@ccm.hf.intel.com>,
>Here is Bob's posting on the subject.
>
>
> UNIDEN/BEARCAT 200/205XLT
> TEST MODE
>
> by Bob Parnass, AJ9S
>
> For the Uniden 200/205XLT, the following procedure will load
> channels 1-25 with various test frequencies, and zero the
> remaining 175 channels:
>
> 1. Press and hold three keys: 2, 9, and MAN simultane-
> ously and turn the power switch on. This clears all
> memories.
>
> 2. Set the power switch to the off position.
>
> 3. Repress and again hold three keys: 2, 9, and SCAN
> simultaneously and turn the power switch on. This
> loads some memories with test frequencies.
>
> Some of the frequencies will be out of range, like 108.5 and
> 66.45 MHz, but will not permit reception.
>
> This procedure works with several Uniden, Cobra, and newer
> Regency scanners.
>--
>==
>Bob Parnass, AJ9S - AT&T Bell Laboratories - att!ihlpy!parnass (708)979-5414
> Collector of pocket and other folding knives
>
>
>
>
>Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
>Intel Corp.
>American Fork, UT

Just a followup note to this magic key combination: Do not try to find
other magical key combinations by trying things like 3, manual,9; or some
other slight variations on the two above codes.

I tried this a while back for a few hours, and ended up with a scanner
that still works with no problems, but now will not reset except for about
every 5th to 20th try. Sometimes it takes sliding the battery on and off
to reset the thing...

So my advice is don't try to find new ways of reprogramming the scanner
from the keyboard. You very well might end up with one that doesn't reset
at all, or (worst case scenario) doesn't even work. BTW, I'm still
talking about the 100XLT and the 200XLT.

Just to let you know.

Sherrod

--

\ The above does not represent OIT, UNC-CH, laUNChpad, or its other users. /

3917. Re: AOR AR8000 Info

Newsgroup: rec.radio.scanner
Date: 1994-05-19 13:57:01 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.226.000DF3B5@ccm.hf.intel.com>
Source record: 274238

In article <769363872snz@javiaton.demon.co.uk> Clough@javiaton.demon.co.uk (Jonathan Clough) writes:

>SPECIFICATIONS
>Frequency Range: 500KHz - 1900MHz

>Receive Mode: AM, NFM, WFM, USB, LSB & CW

The only spec not mentioned is the one that begins with "$"

Jonathan, any clue about price range?

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3918. Re: BC200XLT Almighty Secret Code of Death?

Newsgroup: rec.radio.scanner
Date: 1994-05-19 14:03:56 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.227.000E113C@ccm.hf.intel.com>
Source record: 274240

In article <Cq29xA.MyG@news.Hawaii.Edu> robin@uhunix3.uhcc.Hawaii.Edu (Robin Amano) writes:

>excuse me, i don't mean to change the subject, but
>is the BC200XLT an equivalent to the Pro-43?
>Thanks!

The 200XLT and the Pro-43 are (were) rival models. The 200 is much older in design. It is a good unit, but the newer Pro-43 outperforms in in most respects. The 200 is made by Uniden and the 43 is made by GRE for Radio Shack. There have been 2 "replacement" models for the 200XLT. The 2500XLT was an attempt, and the 220XLT is the current Uniden offering. The 220 is said to replace the 200.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

3919. 46-49MHz Cordless Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-19 14:05:14 UTC
From: ouisie@ripco.com
Message-ID: <Cq1z4r.JHH@rci.ripco.com>
Source record: 274218

Could someone who has the information, please post the frequencies for cordless telephones in the 46 to 49MHz range? Thanks

___ Blue Wave/QWK v2.12

3920. Re: How to add BFO to an ICOM R-100?

Newsgroup: rec.radio.scanner
Date: 1994-05-19 15:35:35 UTC
From: zlau@arrl.org
Message-ID: <1994May19.153535.8695@arrl.org>
Source record: 274227

Dave Jacob (jacob@altair.csustan.edu) wrote:
: I own an icom r-100 that does not have a built in BFO. Does
: anyone who is familiar with this radio know what I'd have
: to do to put one in?

Adding a BFO may not be useful, though I haven't checked
this particular radio. Often, synthesizers designed for
FM use only have such bad close in-noise that SSB/CW signals
sound highly distorted. You can check this by listening to
the oscillator with an SSB/CW receiver. Unless the signal
sounds clean--a single clear note, it might not be worth
going through the effort.

I'm assuming that someone that can redesign the synthesizer
and add narrow filters to a small radio wouldn't ask such
a question...

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

3921. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-19 15:56:07 UTC
From: zlau@arrl.org
Message-ID: <1994May19.155607.9424@arrl.org>
Source record: 274233

David Stark NF2G (David.Stark@p2.f333.n2613.z1.fidonet.org) wrote:
: * Forwarded from "SCANRADIO"
: * Originally by Glenn Cummins
: * Originally to All
: * Originally dated 15 May 1994, 13:31

: As has been rumored and suspected, Kenwood has removed the 800-900 MHz
: reception capabilities from their TH-78A dual-band Ham HT. Models with
: serial numbers beginning with 51xxxxxx are no longer capable of
: modification to receive ANY 800 MHz frequencies. The 380-420 military
: band is still restorable, along with the VHF and UHF expansion. Sources
: say all attempts at restoring even partial 800 MHz reception have
: failed; Kenwood says the freqs have been removed from the MPU chips used

I'm working on an amateur station that covers *all* amateur frequencies
in use in the Northeastern US--including 903, 1296, 2304, 3456, 5760,
10,368, and 24,125 MHz. Its pretty functional already--I've made 200
mile contacts on all except the last band. But, I see little use for
an 800 MHz receive only unit, unless I can also transmit on the same
frequency. For in-field equipment repair, I prefer the 3 transverter
method--one of them ought to work and you can figure out the broken
one by the process of elimination. (transverters are receive and
transmit converters)

Thus, what exactly is the impact on amateurs?
--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

3922. Re: Help Newbie: Scan the Highway Patrol

Newsgroup: rec.radio.scanner
Date: 1994-05-19 16:05:49 UTC
From: tharrell@nmsu.edu
Message-ID: <2rg2ot$bn5@dns1.NMSU.Edu>
Source record: 274222

Brad Glidewell (magnet@nRCHs022) wrote:
: Chris Magnuson (chrism@col.hp.com) wrote:

: : I was using my ICOM-2SRA to try to find interesting highway patrol
: : communication in the 150-156 MHz range. When I was scanning, I
: : would periodically hear bleeping tones (deeeeeeeeeeee, daaaaaaaaaaaa)
: : and would tell the radio to skip those. Thing is, these tones
: : seem to move around through the band over time, and are sometimes
: : on the same frequency as conversations I would find later.

: : Does anyone have any general strategies for dealing with these
: : disturbances? I am real new to scanning but I hope this question
: : isn't TOO stupid :)

: I think what you're hearing is the control channel of a trunked system.
: Sometimes the control channel will move from "channel1" etc. to the other
: channnels allocated to the system. (typicaly at 00:00).

I think you're right about the control channel, but I'm not so sure about
the trunked system explanation. Even though it seems like everybody is
using 800MHz cellphones nowadays, the old-style mobile radiotelephones are
still in use in a lot of places, and there happen to be frequencies allocated
for this service in the 152 MHz range. In some areas (like mine), though,
the radiophone services have been terminated and pagers abound on the old
frequencies.

Hope this helps.
--

T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

3923. TRIDENT TR2400

Newsgroup: rec.radio.scanner
Date: 1994-05-19 16:08:01 UTC
From: klimasewski@fccvde.enet.dec.com
Message-ID: <Cq227o.Cr3@ryn.mro.dec.com>
Source record: 274219

I have seen a few ads for the TR2400 handheld and it looks like a MVT-7100.
Does anyone own a TR2400??

Ken

3924. AOR AR8000 Info

Newsgroup: rec.radio.scanner
Date: 1994-05-19 16:11:12 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <769363872snz@javiaton.demon.co.uk>
Source record: 274221

19 May 1994.

The following "blurb" is taken off AOR's latest (first) information sheet on the new AOR AR8000 handheld receiver. As of today "sometime in June" is the anticipated delivery but we are talking AOR here so don't start holding your breath just yet. Price is also still undisclosed.

Cheers
Jonathan Clough

Compu$erve: 100117,535
Internet: Clough@javiaton.demon.co.uk

++
The AR8000 is the result of AOR's long term ambition to produce a new breed of radio receiver which combined full computer compatibility with advanced wide-band radio receiver technology. With the introduction of the new AR8000, AOR have broken the mould of conventional radio receiver design.

At first glance the AR8000 in its static form may look no different to any modern hand-held scanning receiver, but the similarity ends there...just as soon as the receiver is switched on!! Initially you are greeted with the opening welcome message on the AR8000 multi-function liquid crystal display "WELCOME TO THE WORLD OF AR8000 RECEIVER", in a similar way to a sign on message displayed by your personal computer. This new experience immediately demonstrates to the new user and discerning radio listener that the AR8000 is no ordinary radio but THE NEW CONCEPT in radio design. The modern new cabinet design measures approx. 152mm (h) x 69mm (d) x 40mm (w) excluding projections and weighing only 350g including NiCads (but not aerial).

The AR8000 is a highly sensitive hand-held receiver boasting a very wide frequency coverage of 500KHz to 1900MHz without gaps in the range (actual acceptable frequency input from 100KHz). Step size is programmable in multiples of 50Hz for smooth tuning. The all mode reception provides AM,USB,LSB,CW,NFM and WFM. As you might expect from a radio receiver of this calibre, an independent 2.0KHz SSB filter is fitted as standard and the USB/LSB modes use true carrier re-insertion with correctly calibrated frequency read-out (not offset by 1.KHz). A custom manufactured ferrite bat aerial is neatly installed at the top of the receivers cabinet to enhance receive performance when listening in population centres to Medium Wave services or when commentary is provided at aishows and motor sport events.

The highly visibility LCD is of a new dot matrix format which enables many new facilities to be used, many of which have never been seen before especially on a hand held design. Two VFO frequencies may be displayed on the LCD simultaneously, one providing a stand by frequency available for

quick transfer (similar to commercial aviation built-in radio transceivers. When frequencies are entered, ALPHANUMERIC comments may be stored along with frequency, mode & attenuator status simplifying the job or recalling and identifying memory channels.

The LCD provides four lines of display so that additional facilities may be provided and displayed at the same time, these include a signal strength bar meter and a band-scope showing band occupancy.

The AR8000 is equipped with almost every conceivable operating feature but operation remains easy thanks to a massive new microprocessor. A total of 1000 memory channels are provided which are divided into 20 banks, each having 50 channels. AOR have chosen to allocate 50 channels per memory bank (rather than the more conventional 100) based on findings that most radio listeners prefer fewer channels per bank but more banks for simplified operation. The AR8000 will search and scan at a very respectable (and fast) maximum speed of approximately 30 increments per second. You may even enter "special" frequencies into memory banks where they may only be recalled by entering a user definable "PASSWORD"....this will stop preying eyes.

The AR8000 is truly a button pushers delight but operation need not be difficult. As well as a comprehensively illustrated operating manual and UK quick reference guide, the AR8000 has two operating modes: NEWUSER and EXPERT. As already mentioned, the multi-function LCD provides many new facilities but the receiver has a few more tricks up it's sleeve. Not only can you connect the AR8000 to an external computer for remote control, you may connect two AR8000 receivers back-to-back so that data may be copied from one to another (small interface required for remote data access). There are a variety of scan/search commands to link banks, scan by mode, programmable delay scan, priority, auto memory store, step offset and a programmable power save circuit to increase duration of operation from the NiCads.

The mechanical assembly of the AR8000 will be a sheer revelation to any radio engineer. Surface mount technology has been employed throughout the receiver which is constructed of plug in modules. This will ensure the highest levels of performance, reliability and serviceability. The AR8000 will certainly stand out in a constructional beauty contest. Keypad illumination extends to the side panel keys and may be switched in a number of ways. Illumination "permanently on" for mobile operation is possible. A specially selected heavy duty regulator has been fitted to ensure the receiver will continue to operate reliably even with the illumination permanently selected.

MAIN FEATURES
Frequency coverage 500KHz - 1900MHz
All mode reception AM, NFM, WFM, USB, LSB & CW
True carrier re-insertion and specific SSB filter with non offset readout
1000 memory channels
20 search banks
Priority Channel
Frequency Pass

Rotary Tuning Dial
Step sizes programmable between 50Hz - 999KHz in 50Hz steps
Scan & Search speed up to 30 increments per second
Signal Strength meter
Band Scope
Backlit LCD , Keypad & side panel
Battery save facility
Separate controls for volume, squelch & dial
Attenuator
Keypad Beep on/Off
Keypad Lock
Top panel 3.5mm earphone socket
Monitor switch
Password protected banks
Programmable Scan & Search including Free, Delay, Auto, Level & Mode
Select Scan List
Clone (Copy) Data facility between two AR8000
Computer Control
Tape Output
EEPROM memory backup (no battery required)
Supplied with NiCads, charger, Hand Strap, Belt Hook & screws, earphone,
seem flexible aerial, DC lead with cigar plug
Comprehensive operating manual with over 50 illustrations & quick reference

SPECIFICATIONS
Frequency Range: 500KHz - 1900MHz

Receive Mode: AM, NFM, WFM, USB, LSB & CW

Step Size: 50, 100, 200, 500Hz, 1, 2, 5, 6.25, 9, 10, 12.5, 20, 25, 30, 50,
100, 200, 250, 500KHz or any multiple of 50Hz upto 999KHz

Sensitivity: 500KHz - 2MHz
SSB by field signal strength
AM by field signal strength

2MHz - 30MHz
SSB 1.0uV
AM 3.0uV
NFM 1.5uV

30MHz - 1.3GHz
SSB 0.25uV
AM 1.0uV
NFM 0.35uV
WFM 1.0uV

1.0GHz - 1.3GHz
NFM 1.0uV

1.3GHz - 1.9GHz
NFM 3.0uV
AM/SSB S/N 10db

NFM/WFM SINAD 12dB

Selectivity SSB 2.0KHz (-6dB) 7.5KHz (-50dB)
AM/NFM 12KHz (-6dB) 25KHz (-60dB)
WFM 180KHz (-6dB) 800KHz (-50dB)

Antenna Impedance 50 Ohm
AF Output (4.8V) 120mW (8 Ohm)
Power requirements: 4.8v NiCad / 6.0V Maganese / 9 - 16V DC external
Consumption: 150mA (nominal), 100mA (stand by), 20mA (Save)

Memory Channels: 50 channels x 20 banks = 1000
Pass Channel : 50 channels x 20 banks = 1000
Scan/Search Speed: Approx 30ch/per sec

++

Thats all I have at the mo.....

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Javiation, Bradford. U.K. Compu$erve: 100117,535 |
\--/

3925. Re: scanners on TV

Newsgroup: rec.radio.scanner
Date: 1994-05-19 16:13:50 UTC
From: tharrell@nmsu.edu
Message-ID: <2rg37u$bue@dns1.NMSU.Edu>
Source record: 274223

David Stark (David.Stark@p2.f333.n2613.z1.fidonet.org) wrote:
: > From: strech1@aol.com (Strech1)
: > Organization: America Online, Inc. (1-800-827-6364)

: > Starskey and Hutch was a 70's police drama. I remember having an old
: > crystal
: > controlled Radio Shack 4 channel scanner then, and it was the exact
: > same radio that they used for a 'prop' on the show......

: I was cable surfing the other day and saw a scanner sitting on a table
: with "162.550" on the display. Naturally, the lady in the scene was using it
: to hear police calls. :-)

On one particularly cheesy episode of "McGyver", he and this teenage girl put
little wire loops on the tips of their walkie-talkie antennas and stand 15
feet apart in order to triangulate the position of the bad guys, who are
transmitting on 243 MHz. Oh yeah, one of the radios was running off a
cactus. Valid ideas, horrible depictions. Later on, they blow up a shell
in a shotgun using a binocular lens and the rear-view mirror torn off a Jeep.
--

T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

3926. Re: TRIDENT TR2400

Newsgroup: rec.radio.scanner
Date: 1994-05-19 16:18:20 UTC
From: schuster@panix.com
Message-ID: <2rg3gc$634@panix2.panix.com>
Source record: 274220

In article <Cq227o.Cr3@ryn.mro.dec.com>,
My name is... <klimasewski@fccvde.enet.dec.com> wrote:
>I have seen a few ads for the TR2400 handheld and it looks like a MVT-7100.
>Does anyone own a TR2400??

This is the same Nissei-manufactured scanner as the Camnis HSC-050. It is
NOT a Yupiteru scanner. It is the successor to the Nissei scanner sold as
the AR-1500; but uses the full-size case of the original AR1000.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3927. Re: Help Newby: Cellular Freq.s?

Newsgroup: rec.radio.scanner
Date: 1994-05-19 16:22:31 UTC
From: tharrell@nmsu.edu
Message-ID: <2rg3o7$c62@dns1.NMSU.Edu>
Source record: 274224

David Watson (aj153@FreeNet.Carleton.CA) wrote:

: What frequencies should I tune into to check out cell phone happenings?

Is cell phone monitoring illegal in Canada? If it is, you don't want to
scan between 870-894 MHz in 30 kHz steps. Oh yeah, you also don't want
to hear the mobiles 45 MHz lower.

If it's legal, though, scan by all means.
--

T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

3928. Re: scanners on TV

Newsgroup: rec.radio.scanner
Date: 1994-05-19 17:42:14 UTC
From: kmorrill@strauss.udel.edu
Message-ID: <2rg8dm$9uj@strauss.udel.edu>
Source record: 274225

What is the frequency of the tagged whale in the Star Trek movie
in which the Enterprise had to transport a whale back to the
future?

What is that frequency used for in reality?

Thanks,
Ken Morrill

--
Ken Morrill <kmorrill@strauss.udel.edu>

3929. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-19 17:45:10 UTC
From: jkearman@arrl.org
Message-ID: <1994May19.174510.11437@arrl.org>
Source record: 274242

David Stark (David.Stark@p2.f333.n2613.z1.fidonet.org) wrote:
: An ARRL employee (and others) have argued that ECPA and TDDRA have no
: effect on hams, and therefore ARRL was justified in basically ignoring the

: As has been rumored and suspected, Kenwood has removed the 800-900 MHz
: reception capabilities from their TH-78A dual-band Ham HT. Models with
: serial numbers beginning with 51xxxxxxx are no longer capable of
: modification to receive ANY 800 MHz frequencies.

I am the "ARRL employee" in question. And I still don't see how
deleting 800-900 MHz coverage from an HT affects its use by
radio amateurs.

But, while I'm up here stumping, a show of hands, please. How
many net.readers contacted their legislators about this issue?
Even the Nasty Rifle Association urges firearms owners to contact
their lawmakers about pending legislation.

Regards,

Jim Kearman
Member, ARRL and NRA, and inveterate legislator-caller

3930. The perfect handheld scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-19 17:51:10 UTC
From: mrosneck@wv.mentorg.com
Message-ID: <2rg8ue$7t2@hpcan240.mentorg.com>
Source record: 274228

OK net.scanner.gurus. I've read the group for a couple weeks. I've gone to scanner stores. I even ventured into a Radio Shack. I've read magazines. AND I STILL DON'T HAVE A CLUE HOW TO DECIDE ON AN HANDHELD SCANNER. Please help me before I use the "how much can I afford method?" and wind up with something less than optimum (i.e., a piece of junk).

In general, I'm looking for a monitor radio for use in a hot air balloon. I generally use 2 meter ham for communications (Yes -- I'm a ham -- KB0US -- and, yes I have at least one ham on the crew to run the radio). I'd like to monitor other balloonists using GMRS, CB, aircraft, VHF business band, and as a partial backup to the 2 meter radio. The basic requirement is to be able to easily program frequencies. I probably don't need to program more than 10 channels at any one time. I also don't need to be able to "search" very often although it would be nice to "search" for a signal and then store it for times when someone says "I dunno what frequency we're using. I jus' press da button."

I also believe that some VHF business radios have a tone encoding scheme. I assume (although I don't know) that this is used to filter who can trip the squelch. My guess is that it's sub-audible and it doesn't affect my ability to monitor these. Can someone clarify/correct/amplify on this?

What say ye?

Thanks,

Mark

mark_rosneck@mentorg.com

3931. Re: BC200XLT Almighty Secret Code of Death?

Newsgroup: rec.radio.scanner
Date: 1994-05-19 17:58:22 UTC
From: robin@uhunix3.uhcc.Hawaii.Edu
Message-ID: <Cq29xA.MyG@news.Hawaii.Edu>
Source record: 274226

In article <2rfr2b$jse@samba.oit.unc.edu> Sherrod.Munday@launchpad.unc.edu (Sherrod Munday) writes:
>In article <brett_miller.209.00085A15@ccm.hf.intel.com>,
>>Here is Bob's posting on the subject.
>>
>>
>> UNIDEN/BEARCAT 200/205XLT
>> TEST MODE
>>
>> by Bob Parnass, AJ9S
>Just to let you know.

excuse me, i don't mean to change the subject, but
is the BC200XLT an equivalent to the Pro-43?
Thanks!

--
----

rob

3932. Re: Icom R-100 opinion/gripe

Newsgroup: rec.radio.scanner
Date: 1994-05-19 18:07:21 UTC
From: crisp@netcom.com
Message-ID: <crispCq2ACt.BE1@netcom.com>
Source record: 274230

In article <Cpzr96.8n5@rahul.net> lps@rahul.net (Kevin Martinez) writes:
>
>>Brad Glidewell wrote:
>
>>> > ...The programmed searches can't be resumed by turning the BFO or
>>> > the up and down keys. This is a MAJOR defect in the design....
>
>>Then Robert Allen wrote:
>
>>> ...Don't take this the wrong way, but are you sure? The R1 allows
>>> this and I thought the software in both radios was nearly identical.,,,
>
>After that, Dave Eitelbach wrote
>
>> I have both scanners. I have noticed the same search limitation
>> in the R-100 as Mr. Glidwell. With the R-1, one is able to resume a
>> search from where one is by dialing the tuning knob. Not so with the
>> R-100. If one breaks the search (not the squelch) with the R-100 by
>> touching the tuning knob or up/down arrow, the search is over. One has
>> to start searching from the beginning of the range.
>
>This would seem to be a firmware fix; anyone know anybody at Icom?
>
>If it only had an adjustable BFO as well.....
>
>Still happy with my R100 and R1,
>----------

This is not true, it is possible to resume the search, you just need to
know how.

Use the MW key to resume the scan. It is the one that is `
second down from the top on theright side of the keyboard.
You have to be in the search-skip mode for this to work.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

In 1993, approximately 80 people were killed with so called Assault Weapons.
In that same year approximately 300 people were killed by bee stings.
These statistics cover the United States and the 80 number is an annualized
figure derived from the Justice Department and quoted by Dianne Feinstein.
According to the US Surgeon General, over 430,000 people died in the US
last year due to smoking related illnesses.

3933. Re: Antenna Length

Newsgroup: rec.radio.scanner
Date: 1994-05-19 18:26:19 UTC
From: rafaels@zimmer.csufresno.edu
Message-ID: <rafaels.14.000A70A5@zimmer.csufresno.edu>
Source record: 274229

In article <67710@sdcc12.ucsd.edu> jdross@sdcc13.ucsd.edu (John Ross) writes:
>From: jdross@sdcc13.ucsd.edu (John Ross)
>Subject: Antenna Length
>Date: 18 May 94 18:53:28 GMT

> A while back, someone posted the formula for calculating the
>length of an antenna needed for a specific frequency. The formula
>was that the length of the antenna should be equal in feet to the
>frequency divided by 430. Well, maybe my math isn't as good as it
>should be, but I'm not getting any helpful answers out of that
>equation. If anyone has any other formulas to calculate the length
>of an antenna for a specific frequency, please post them here.
>Thanks!

>-------------------------
>J.D. Ross
>La Jolla, California
>jdross@sdcc13.ucsd.edu
>-------------------------

Here is what I learned while preparing for the Technician (Ham) exams:

(for half wavelength antennas)

Antenna length in feet = 468/frequency (im Mhz)

(for quarter wavelength)

lenght = 234/freq(in mhz)

Hope this helps

****
Rafael Solis, Professor Craig School of Business
rafaels@zimmer.csufresno.edu California State University, Fresno
(209)278-2194 (209)278-4911 (Fax)
****

3934. Re: Yupiteru Question

Newsgroup: rec.radio.scanner
Date: 1994-05-19 19:15:57 UTC
From: gesman@io.org
Message-ID: <2rgdtd$r0f@ionews.io.org>
Source record: 274161

In article <2reqfd$c9f@search01.news.aol.com>,
Stephenx1 <stephenx1@aol.com> wrote:
>I have a Rat Shack PRO-46 and a Yupi MVT-7100 (among others). My
>question concerns the frequencies displayed in the 800-900 mhz. area.
>I receive identical transmissions on both units but at different
>frequecies. Any ideas?

You must be more specific. I'd say Yupiteru is more trustee unit.
Second you mentioned "among others". Does others receive this range?
Put 3 units on the same frequency and compare result.
If you don't have 3-rd unit in that range try to set some cellphone channel
on both units. Ideally you must hear the same on both. If one unit is bad
the bad one won't give you any voice. Unless the bad one has a frequency
mistake, which is even to 30 kHz, what would be very strange.

--
Gleb Esman.

3935. Re: Wanted: Boston, MA frequencies & oth

Newsgroup: rec.radio.scanner
Date: 1994-05-19 19:34:11 UTC
From: tedtrost@delphi.com
Message-ID: <9405191532591.tedtrost.DLITE@delphi.com>
Source record: 274272

Here are some of the "goodies" gleaned from my scan list:

Boston Fire F1 (Operations/Dispatch) 483.1625
Boston Fire F2 (Fireground) 483.1875
Intercity Fire ("MetroFire") Bases 423.2875
Intercity Fire ("MetroFire") Firegrnd 483.3125
BAPERN (ch3) 470.7875
Boston Police (citywide emerg/tac) 460.3500
Metro Radio Assn 462.7250

NOTES: My interest leans toward fires, as may be seen above.
BAPERN= Boston Area Police Emergency Radio Network. It is used for
communications between cities.
MRS is a group of news gatherers and fire buffs who often provide the
interesting details about a fire for which the departments don't have time.
The added benefit is that they scan frequencies for over 100 communities
and broadcast only the interesting events! What a deal!

I am a proud member of the Boston Amateur Radio Club, which meets every
third Wednesday of the month at 7:30pm in the Lotus Building on First Street
in Cambridge. (Club repeater is 145.23 MHz) For other Eastern MA
clubs, call the ARRL Eastern MA hotline 1-800-310-ARRL.

Ted Trost
Internet: tedtrost@delphi.com Delphi: TEDTROST CompuServe: 71175,1043
Amateur radio station N1RDQ "I like beer. On occasion I will even
drink a beer to celebrate a major event such as the fall of communism
or the fact that our refrigerator is still working." --Dave Barry

3936. Grand Prix

Newsgroup: rec.radio.scanner
Date: 1994-05-19 19:57:36 UTC
From: tmnichol@nps.navy.mil
Message-ID: <2rggbg$er@ro140203.cc.nps.navy.mil>
Source record: 274234

Does anybody have the frequencies for the various teams racing in the Detroit Grand Prix? I would think they would be in the 450 mhz range due to the buildings and what not, but can anybody comfirm?

How about freqs for the network affiliates in Detroit; WXYZ, WDIV, etc..

Thanx

3937. Re: scanners on TV

Newsgroup: rec.radio.scanner
Date: 1994-05-19 19:59:32 UTC
From: crawford@aero.org
Message-ID: <crawford-190594130106@mondomac.aero.org>
Source record: 274235

In article <2rg8dm$9uj@strauss.udel.edu>, kmorrill@strauss.udel.edu
(Kenneth J Morrill) wrote:
>
> What is the frequency of the tagged whale in the Star Trek movie
> in which the Enterprise had to transport a whale back to the
> future?

I think it was 401 megahertz.

> What is that frequency used for in reality?

beats me.

3938. Re: Icom R-100 opinion/gripe

Newsgroup: rec.radio.scanner
Date: 1994-05-19 20:10:59 UTC
From: dseitel@crl.com
Message-ID: <2rgh4j$rhh@crl2.crl.com>
Source record: 274236

Brad Glidewell wrote:

> >> The R1 will resume scans and does not have the mode scan
> >> feature of the r100.

What does Func-0 ("Mode-S") do? See R1 manual page 20. Isn't
this mode scan? What am I missing here?

Richard Crisp wrote:

> This is not true, it is possible to resume the search, you
> just need to know how.

> Use the MW key to resume the scan. It is the one that is `
> second down from the top on theright side of the keyboard.
> You have to be in the search-skip mode for this to work.

I stand corrected--and quite happily so! This does work, although
only in search-skip mode ("programmed skip scan" in Icom-ese) and
not in regular search mode ("programmed scan"), as Mr. Crisp says.
It would have been much better to be able to use the tuning knob or
up/down buttons, but at least now I can make it get on with searching
when I land on junk, so this is *much* better, thank you. I still
can't find this in the manual...

You got anymore of these?

David Eitelbach
--
"Old people like to give good advice as solace for no longer being able
to provide bad examples."
--La Rochefoucauld

3939. Re: AOR AR8000 Info

Newsgroup: rec.radio.scanner
Date: 1994-05-19 21:06:39 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <Cq2In6.Dzl@cbnewsc.cb.att.com>
Source record: 274239

|The mechanical assembly of the AR8000 will be a sheer revelation to any
|radio engineer. Surface mount technology has been employed throughout the
|receiver which is constructed of plug in modules. This will ensure the
|highest levels of performance, reliability and serviceability.

Hmm, this is contradictory; the U.S. military doesn't like unecapsulated SMT use because vibration fatique cracks the solder joints between the SMT components and circuit traces.

|MAIN FEATURES
|Frequency coverage 500KHz - 1900MHz

From an American standpoint, the BIG "Q" is whether or not the unit is similar to the AR-1000 unit in having a keyboard reprogrammible EEPROM to determine frequency coverage, such that the special "Forbidden Frequencies" can be reprogrammed into the EEPROMs. Can they? And if not, are "spare" ICs availible to allow a competant technician to restore the Evil coverage?

3940. Re: AOR AR8000 Info

Newsgroup: rec.radio.scanner
Date: 1994-05-19 21:53:36 UTC
From: schuster@panix.com
Message-ID: <2rgn50$jng@panix2.panix.com>
Source record: 274241

In article <Cq2In6.DzI@cbnewsc.cb.att.com>,
RS PRO-2006 <rats@cbnewsc.cb.att.com> wrote:
>
>From an American standpoint, the BIG "Q" is whether or not the unit is
>similar to the AR-1000 unit in having a keyboard reprogrammible EEPROM
>to determine frequency coverage, such that the special "Forbidden
>Frequencies" can be reprogrammed into the EEPROMs. Can they? And if not,
>are "spare" ICs availible to allow a competant technician to restore
>the Evil coverage?

I think they abandoned that approach as of the first (of three) version
of the AR1500.

Besides, this scanner isn't manufacuted by Nissei like the previous AOR
handhelds (right, Jonathan?)

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3941. Re: Antenna Length

Newsgroup: rec.radio.scanner
Date: 1994-05-19 22:13:40 UTC
From: Todd_Heckaman@aardvark.bah.rochester.ny.us
Message-ID: <00050B4A.fc@aardvark.bah.rochester.ny.us>
Source record: 274255

The latest issue of Monitoring Times has an article on do-it-yourself antennas, they have the equation:

Length in feet= 468 / Freq you want to monitor

I am using one for cordless phone monitoring, so I divided 468 by 46Mhz to get about 10, so I cut a 10 foot cable and BOOM I recieve about twice as many clear transmissions in the 46 Mhz region.
** Via the Aardvark Burrow BBS - 1-716-383-1372**

3942. Re: Wanted: Boston, MA frequencies &

Newsgroup: rec.radio.scanner
Date: 1994-05-19 22:36:00 UTC
From: john.latores@channel1.com
Message-ID: <40.2701.2433.0NE1BBBF@channel1.com>
Source record: 274246

Hi , Here are a Few For around Boston
Cambridge PD 470.3125 , 471.3125 , Fire 154.355
Somerville 470.5375 , SFD 483.3875 ,Boston PD 460.400
BPD 460.450 , 460.075 , Are a few .

3943. Re: Wanted: Boston, MA frequencies &

Newsgroup: rec.radio.scanner
Date: 1994-05-19 22:48:00 UTC
From: john.latores@channel1.com
Message-ID: <40.2702.2433.0NE1BBCA@channel1.com>
Source record: 274247

Hi , Here are a Few For around Boston
Cambridge PD 470.3125 , 471.3125 , Fire 154.355
Somerville 470.5375 SFD 483.3875 Boston PD 460.400 , 460,475
460.350 460.125 Boston EMS 462.975
Medford PD 470.5875 Medford FD 153.890 Meadow glen Mall 461.0875

3944. Sheriff's Office Closing Codes

Newsgroup: rec.radio.scanner
Date: 1994-05-19 22:49:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <769438112.AA03688@rochgte.fidonet.org>
Source record: 274263

> From: brianr1@aol.com (BrianR1)
> Organization: America Online, Inc. (1-800-827-6364)

> My local sheriff's Office uses closing codes that consist of usually

First you need to give us some idea of where you are.

3945. BC 760 xlt conv.

Newsgroup: rec.radio.scanner
Date: 1994-05-19 23:10:23 UTC
From: acarter@interaccess.com
Message-ID: <acarter.7.000D3AAF@interaccess.com>
Source record: 274257

Anyone know where to get conversion info for BC760 xlt.

thanks for any help

3946. Re: AOR AR8000 Info

Newsgroup: rec.radio.scanner
Date: 1994-05-19 23:24:09 UTC
From: schuster@panix.com
Message-ID: <2rgsep$ska@panix2.panix.com>
Source record: 274243

In article <brett_miller.226.000DF3B5@ccm.hf.intel.com>,
Brett Miller - N7OLQ <brett_miller@ccm.hf.intel.com> wrote:
>
>The only spec not mentioned is the one that begins with "$"
>
>Jonathan, any clue about price range?

Jonathan said it was to be priced under 449 pounds sterling. So units
imported from UK to the US should be about $675.00 (ouch).

Of course, it wouldn't be legal to import them unless a cellular-blocked
version were produced.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3947. FAF - Frequently Asked Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-19 23:56:17 UTC
From: mulligan@ACM.ORG
Message-ID: <2rgub1$3mf@hopper.acm.org>
Source record: 274244

* * * W A R N I N G - Extended Posting * * *

DW> What frequencies should I tune into to check out cell phone happenings?

O> ... please post the frequencies for cordless telephones ...

It looks like time to post the FAF - Frequently Asked Frequencies again.
Note that the current version includes two sets of aeronautical telephones
and some minor editorial changes. Corrections or additions (i.e. channelized
bands without specific frequency licensees) are welcomed.
---

scanner.faf FAF.TXT
/pub/hamradio/docs/misc Hamnet Lib 2
oak.oakland.edu CompuServe
[mulligan@acm.org] [70035,140]

May 1994

F.A.F. - Frequently Asked Frequencies

For an overview of the FCC allocations for the 30 - 900 MHz
range, see the file {CIS} FCCTBL.ZIP | {FTP} fcc.allocations

Cellular Telephone

Chs Freqs (base) System

800-832 869.040 - 870.000 RCC - voice
1-312 870.030 - 879.360 RCC - voice
313-333 879.390 - 879.990 RCC - data
334-354 880.020 - 880.620 Telco - data
355-666 880.650 - 889.980 Telco - voice
667-716 890.010 - 891.480 RCC - voice
717-799 891.510 - 893.970 Telco - voice

Mobiles transmit 45 MHz below the base (824.040-848.970) and
are usually repeated by the base. Channels are .030 MHz apart.

Cordless Telephone

Channel Base Handset

1 46.610 49.670
2 B 46.630 49.845 Chs A - E handset
3 C 46.670 49.860 frequencies are also
4 46.710 49.770 used for baby room
5 D 46.730 49.875 monitors and low power
6 A 46.770 49.830 handie-talkies
7 E 46.830 49.890
8 46.870 49.930
9 46.930 49.990
10 46.970 49.970

Panasonic KX-T9000 base 902.100-903.870 { 60 channels
handset 926.100-927.870 { 30 kHz spacing

VTech Tropez 900DX base 905.600-907.500 { 20 channels
(digital) handset 925.500-927.400 {100 kHz spacing

AT&T #9120 902.0-905.0 / 925.0-928.0 }
OTRON CORP. #CP-1000 902.1-903.9 / 926.1-927.9 } unconfirmed
SAMSUNG #SP-R912 903.0 / 927.0 }

Air to Ground Telephone

Ch Ground Airborne

1 454.950 459.950
2 454.900 459.900
3 454.850 459.850
4 454.800 459.800
5 454.750 459.750
6 454.700 459.700
7 454.725 459.725
8 454.775 459.775
9 454.825 459.825
10 454.875 459.875
11 454.925 459.925
12 454.975 459.975
Signaling 454.675 (459.675)

Transmissions are AM. Ground stations repeat the airborne half
of the converstion, and transmit a continuous tone when idle. From
one to three channels are assigned in a particular area.
Service is used on private aircraft.

---

800 MHz Air to Ground Telephone

- - Airborne - -
Blk Ch 1 - Ch 29

10 894.0055 - 894.1735
9 894.2055 - 894.3735

8 894.4055 - 894.5735 Guard Band -
7 894.6055 - 894.7735 .x765-.x797
6 894.8055 - 894.9735
5 895.0055 - 895.1735 Control Channels -
4 895.2055 - 895.3735 .x813-.x973
3 895.4055 - 895.5735
2 895.6055 - 895.7735
1 895.8055 - 895.9735

Transmissions are AM. Channels are spaced 6 kHz apart. A
specific block of 29 channels is assigned to each geographical
area. Ground frequencies are 45 MHz lower and do not echo the
airborne half of the conversation.
Service is used on passenger airlines.

Television

Ch Range Video Audio

2 54 - 60 55.250 59.750
3 60 - 66 61.250 65.750
4 66 - 72 67.250 71.750
5 76 - 82 77.250 81.750
6 82 - 88 83.250 87.750
7 174 - 180 175.250 179.750
8 180 - 186 181.250 185.750
9 186 - 192 187.250 191.750
10 192 - 198 193.250 197.750
11 198 - 204 199.250 203.750
12 204 - 210 205.250 209.750
13 210 - 216 211.250 215.750
14 470 - 476 471.250 475.750
15 476 - 482 477.250 481.750
.. ... - ... .
68 794 - 800 795.250 799.750
69 800 - 806 801.250 805.750

Note the gaps between chs 4/5, 6/7, and 13/14.
Each TV channel is 6 MHz wide. The video carrier is 1.25 MHz
above the start of the range. The audio carrier is 0.250 MHz below
the end of the range. Television audio is wideband FM.
Some TV stations may be offset +/- 10 kHz.

Citizens Band

Ch Freq Ch Freq Ch Freq Ch Freq

1 26.965 11 27.085 21 27.215 31 27.315
2 26.975 12 27.105 * 22 27.225 32 27.325

3 26.985 13 27.115 23 27.255 - 33 27.335
4 27.005 * 14 27.125 24 27.235 - 34 27.345
5 27.015 15 27.135 25 27.245 - 35 27.355
6 27.025 16 27.155 * 26 27.265 36 27.365
7 27.035 17 27.165 27 27.275 37 27.375
8 27.055 * 18 27.175 28 27.285 38 27.385
9 27.065 19 27.185 29 27.295 39 27.395
10 27.075 20 27.205 * 30 27.305 40 27.405

* 26.995, 27.045, 27.095, 27.145, 27.195 => Remote Control
- note break in sequence

Railroads

Ch Freq

2 159.810
3 159.930
4 160.050
5 160.185
6 160.200
7 160.215
8 160.230
.. ..
96 161.550
97 161.565

The channel designation is that assigned by the Association of American Railroads. Chs 2 thru 6 are used only in Canada. Above channel 6, spacing is 0.015 MHz.

Marine VHF

Ch Ship Ch Ship

60 156.025
1 156.050 61 156.075
2 156.100 62 156.125
3 156.150 63 156.175
4 156.200 64 156.225
.. ..
25 157.250 85 157.275
26 157.300 86 157.325
27 157.350 87 157.375
28 157.400 88 157.425

Shore stations are 4.600 MHz above the ship frequency. In U.S. waters the shore frequency may be used on Chs 20, 24-28 & 84-87. Chs 1-5 & 60-64 are shared with other services. Chs 75 & 76 are reserved as guard bands for ch 16.

Specific assignments include:
06 156.300 Intership Safety
13 156.650 Weather, notices, etc
16 156.800 General Calling
22 157.100 Coast Guard Liaison

On-board Communications:

Ch mobile repeater
1 467.750 457.525
2 467.775 457.550
3 467.800 457.575
4 467.825 457.600

Weather - NOAA broadcasts

Ch Freq.

1 162.550
2 162.400
3 162.475
4 162.425
5 162.450
6 162.500
7 162.525
161.650 } Canadian
161.775 }

3948. AOR AR8000 price

Newsgroup: rec.radio.scanner
Date: 1994-05-20 00:35:10 UTC
From: spencer@ucssun1.sdsu.edu
Message-ID: <2rh0ju$2vv@pandora.sdsu.edu>
Source record: 274245

Does anyone happen to know a rough estimate on a price for a AOR AR8000 or is that something that we don't talk about privately. I was just wondering what it was going for since I read so much about it.

Thanks,
Spencer
spencer@ucssun1.sdsu.edu

3949. Re: Grand Prix

Newsgroup: rec.radio.scanner
Date: 1994-05-20 01:22:55 UTC
From: an678@FreeNet.Carleton.CA
Message-ID: <Cq2uI7.FyG@freenet.carleton.ca>
Source record: 274248

Here's the frequencies I have for various Detroit media...sorry I don't have anything for the racing teams...

WJBK-TV2 450.15, 166.25, 450.05
WDIV-TV4 450.3875, 450.0875, 450.5875, 450.950
WXYZ-TV7 151.775, 455.65, 450.5125, 455.6125, 450.4125, 450.6125, 161.700, 161.640, 455.05
WKBD-TV50 173.275, 174.000

Metro Traffic 450.1125

WJR-AM760 161.700
947.500 Feeder
945.500 Feeder
455.750 Helicopter
450.750 Newsroom

WWJ-AM950 450.5875
450.2125
450.4875 Reporters

WWJ is the "official" radio station for the Grand Prix.

3950. Re: 46-49MHz Cordless Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-20 01:51:33 UTC
From: mendosa@rain.org
Message-ID: <2rh535$g92@rain.org>
Source record: 274251

Ouisie (ouisie@ripco.com) wrote:
> Could someone who has the information, please post the frequencies for
> cordless telephones in the 46 to 49MHz range? Thanks

> ___ Blue Wave/QWK v2.12
>
46.610 base channel 1
46.630 base channel 2
46.670 base channel 3
46.710 base channel 4
46.730 base channel 5
46.770 base channel 6
46.870 base channel 7
46.870 base channel 8
46.930 base channel 9
46.970 base channel 10
49.670 handset channel 1
49.770 handset channel 4 or I
49.830 handset channel 2
49.845 handset channel 6
49.860 handset channel 3
49.875 handset channel 5
49.890 handset channel 7
49.930 handset channel 8 or M
49.970 handset channel 10 or O
49.990 handset channel 9 or N

Source: "South Coast Scanner Frequencies," Copyright 1993 by Rick Mendosa
--
==
Rick Mendosa, Freelance Writer, phone (805) 684-5642, fax: (805) 684-5408
5700 Via Real, Suite 126, Carpinteria, CA 93013 mendosa@rain.org
==

3951. Need Upper Michigan Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-20 02:10:07 UTC
From: msadkins@mtu.edu
Message-ID: <2rh65v$jlq@pace1.cts>
Source record: 274250

I know it's absurd and not even worth trying but I will anyway.
I need frequencies for Delta County Michigan. This includes the cities
of Gladstone, Escanaba, Rapid River, Perkins, Rock, Wells, Bark River,
and that's about it. It is extremely doubtful that there is anything
listed for anything past the first 3. Any help would be greatly
appreciated. Thanks!!!!

--
Matthew S. Adkins "As MTU has no opinions, mine
Michigan Tech University, CS Major couldn't possibly be theirs."
Internet: msadkins@mtu.edu "The fastest way to accelerate
Internet: msadkins@major.cs.mtu.edu a Macintosh is 9.8 m/s^2."

3952. U.S.A.F. Northern Lights?

Newsgroup: rec.radio.scanner
Date: 1994-05-20 02:27:54 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2rh77a$cma@umcc.umcc.umich.edu>
Source record: 274252

This evening here in Detroit <5/19 Aprx 8 pm EDT> I heard November to Northern lights on 364.20 which i show as Norad main contact freq. Anyone know what base Northern Lights refers to? How about callsign November? Thanks.....Les

3953. Preakness Freqs? Anyone?

Newsgroup: rec.radio.scanner
Date: 1994-05-20 02:41:22 UTC
From: dvss!jtroy@udel.edu
Message-ID: <940519.214122.5R2.rusnews.w165w@dvss.UUCP>
Source record: 274249
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Anyone have the frequencies for the Preakness or Pimlico Raceway?

Email please...Thanks!

--
Jay Troy Delaware Valley Solution Systems, Inc.
Computing Solutions for Business and Industry
P.O. Box 190 // Claymont, DE 19703 // (302)798-DVSS
Internet: ...!udel.edu!dvss!jtroy (jtroy@dvss.UUCP)

3954. Re: Peak Conservation Receivers via Utility Companies.

Newsgroup: rec.radio.scanner
Date: 1994-05-20 03:01:02 UTC
From: scan911@aol.com
Message-ID: <2rh95e$sc0@search01.news.aol.com>
Source record: 274253

In article <brett_miller.223.00093D0C@ccm.hf.intel.com>,
brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>Does anyboby know the frequencies used by utility companies for
their
> Peak Conservation Receiver Boxes they install on customers central
rair
> conditioners as an option to cutt off customers A/C during peak
periods
> of high consumption.
>Here in Cincinnati, the Cincinnati Gas & Electric Company offers
between
> $4.00 to $24.00 rebate credit for those costomers that agree to be
"cutt
>off" from periods between 10 minutes to 25 minutes out of each half
hour
>period of peak emergency demand (determined by the utility co.).
Each
>customer has to have the utility company install a radio receiver
with a
>cut off switch beteen the central air unit and the breaker box next
to the
>compresser.
> Anyone have any ideas?

I have one of those boxes on my central air unit, and it's on the
local utilities' dispatch freq. It must drive the crews nuts to hear
that crap all the time....it sure drives me nutso! And they weren't
even smart enough to use CTCSS or any encoding. The frequency on my
unit is not only written on the PC board inside the unit, it also is
on the crystal inside the box.....not too much of a secret!

Chuck Gysi, N2DUP
scan911@aol.com

3955. Re: Yupiteru Question

Newsgroup: rec.radio.scanner
Date: 1994-05-20 03:08:02 UTC
From: stephenx1@aol.com
Message-ID: <2rh9ii$sft@search01.news.aol.com>
Source record: 274254

In article <2rfpfs$jmd@panix2.panix.com>, schuster@panix.com (Michael Schuster) writes:

Thanks for replying to my RS PRO-46 vs. Yupiteru frequency difference question. One further query, (just to provide full evidence of my barely-novice standing in such matters!!): Can you explain (in language so simple that someone like myself won't hurt himself trying to understand) about dual- and triple-conversion? Thanks again!!

Stephenx1@AOL.COM

3956. Re: Yupiteru Heat Problem

Newsgroup: rec.radio.scanner
Date: 1994-05-20 03:11:02 UTC
From: stephenx1@aol.com
Message-ID: <2rh9o6$sh8@search01.news.aol.com>
Source record: 274256

In article <1994May19.094037.9640@black.ox.ac.uk>,
malcolm@black.ox.ac.uk (Malcolm Austen) writes:

Hey...thanks for the help! I checked my Yupi (yes, it is an MVT-7100)
to see if I had the same problem. It was ok so I guess I'll just have
to live with it. Glad to know that it's not a "dooms-day" problem.
(BTW, anybody ready to start a Yupi-smuggling ring? Canada isn't THAT
far away! [Just kidding...]).

Stephenx1@AOL.COM

3957. Re: The perfect handheld scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-20 04:05:27 UTC
From: cleader@netcom.com
Message-ID: <cleaderCq3219.Bv9@netcom.com>
Source record: 274258

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: In article <2rg8ue$7t2@hpcan240.mentorg.com> mrosneck@wv.mentorg.com (Mark Rosneck) writes:

: >I also believe that some VHF business radios have a tone encoding scheme.
: >I assume (although I don't know) that this is used to filter who
: >can trip the squelch. My guess is that it's sub-audible and it doesn't
: >affect my ability to monitor these. Can someone clarify/correct/amplify
: >on this?

: Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
: Intel Corp.
: American Fork, UT

Yes most business and police use CTCSS. Another option depending on how wideband reception you want is the Yaesu FT-530. It is a 2M 440 transceiver that also has fairly wideband receive. I also heard it can be modified for even wider reception.
Charles (KD6DJG)

3958. Re: AOR AR8000 Info

Newsgroup: rec.radio.scanner
Date: 1994-05-20 08:17:59 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <769421879snz@javiaton.demon.co.uk>
Source record: 273957

In article <brett_miller.226.000DF3B5@ccm.hf.intel.com>
brett_miller@ccm.hf.intel.com "Brett Miller - N7OLQ" writes:
>
>The only spec not mentioned is the one that begins with "$"
>
>Jonathan, any clue about price range?

Hi Brett,

I was told that it would cost "No More than 450" (GBP) and my
guess is 449.00 retail in the UK but I could be way off. Until we are
told firmly this is all a little bit of "feeling in
ones water", and this does include 17.5% tax for sales within the
EC.

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\--/

3959. Re: AOR AR8000 Info

Newsgroup: rec.radio.scanner
Date: 1994-05-20 08:29:25 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <769422565snz@javiaton.demon.co.uk>
Source record: 273958

In article <Cq2In6.DzI@cbnewsc.cb.att.com>
rats@cbnewsc.cb.att.com "RS PRO-2006" writes:

>
>|The mechanical assembly of the AR8000 will be a sheer revelation to any
>|radio engineer. Surface mount technology has been employed throughout the
>|receiver which is constructed of plug in modules. This will ensure the
>|highest levels of performance, reliability and serviceability.
>
>Hmm, this is contradictory; the U.S. military doesn't like unecapsulated
>SMT use because vibration fatique cracks the solder joints between the SMT
>components and circuit traces.

AOR's sales blurb not mine I'm afraid.

>From an American standpoint, the BIG "Q" is whether or not the unit is
>similar to the AR-1000 unit in having a keyboard reprogrammible EEPROM
>to determine frequency coverage, such that the special "Forbidden
>Frequencies" can be reprogrammed into the EEPROMs. Can they? And if not,
>are "spare" ICs availible to allow a competant technician to restore
>the Evil coverage?

Pass - don't know. It is not being manufactured by Nissei who
made the AR1000 and all its clones.

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\--/

3960. Re: TRIDENT TR2400

Newsgroup: rec.radio.scanner
Date: 1994-05-20 08:37:57 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <769423077snz@javiaton.demon.co.uk>
Source record: 273959

In article <Cq227o.Cr3@ryn.mro.dec.com>
klimasewski@fccvde.enet.dec.com "My name is..." writes:

>I have seen a few ads for the TR2400 handheld and it looks like a MVT-7100.
>Does anyone own a TR2400??
>
>Ken
>
The TR-2400 is manufactured by Nissei who made the AR1000/Fairmate
HP100 etc. Fairmate (Ashai) are no longer in the Japanese scanner
field. They sold the tooling which they owned but Nissei used for
manufacture back to Nissei who then started to badge radios under
two new names. Camnis & Trident.

TR-1200 & Camnis HSC-010 = same radio = AR1000/HP100
TR-1200 & Camnis HSC-050 = same radio = Nissei competition to MVT-7100 &
AR8000
TR-2500 = AR2500
TR-980 = AR1500 without SSB and 50(?) channels

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\--/

3961. San Francisco Volmet

Newsgroup: rec.radio.scanner
Date: 1994-05-20 08:52:30 UTC
From: CHARLES.GEORGE@hughsoft.com
Message-ID: <50D8EE06@hughsoft.com>
Source record: 274271

When I was a member of SPEEDX in the late 70s and early 80s, I recieved a QSL from San Francisco for a VOLMET broadcast heard in the 8.8 region. However; when looking through CFL and some books on Aeradio, I did not see them listed.
I was wondering does this station still exsist?
I have noticed that New York and Honolulu seem to be heard here the most. I have noticed 8825 seems to be heavy with traffic in the evenings here in Dallas.

Email: Charles.George@Hughsoft.com
or
Charles6407@Delphi.com

• SLMR 2.1a • It's only a hobby ... only a hobby ... only a

==========
From The (Texas) Black Gold BBS @hughsoft.com 214.783.6893
==========

=======

3962. WANTED: Yupiteru MVT-7100

Newsgroup: rec.radio.scanner
Date: 1994-05-20 10:30:51 UTC
From: janne@elixir.e.kth.se
Message-ID: <JANNE.94May20103051@elixir.elixir.e.kth.se>
Source record: 274259

Hello!
I'm looking for a place to buy a MVT-7100. Since I live in Sweden I would
appreciate tips for places in Scandinavia (preferably in Sweden) or nothern
parts of Europe (for instance in London).
Addresses and prices would be superb to have.

Thanks in advance!

janne@elixir.e.kth.se

3963. test

Newsgroup: rec.radio.scanner
Date: 1994-05-20 10:55:00 UTC
From: forfeak@lmsmgr.lerc.nasa.gov
Message-ID: <20MAY199405550437@lmsmgr.lerc.nasa.gov>
Source record: 274260

```
testing
**************************************************************************
This is not the end, This is not the beginning of the end, This is the end
of the beginning!!!!
**************************************************************************
```

3964. Re: TRIDENT TR2400

Newsgroup: rec.radio.scanner
Date: 1994-05-20 12:19:48 UTC
From: schuster@panix.com
Message-ID: <2ri9t4$957@panix2.panix.com>
Source record: 274261

In article <769423077snz@javiaton.demon.co.uk>,
Jonathan Clough <Clough@javiaton.demon.co.uk> wrote:

One correction (typo I assume)

>TR-1200 & Camnis HSC-050 = same radio = Nissei competition to MVT-7100 &
^^^^
TR-2400

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3965. Re: TRIDENT TR2400

Newsgroup: rec.radio.scanner
Date: 1994-05-20 13:14:06 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <769439646snz@javiaton.demon.co.uk>
Source record: 273963

In article <2ri9t4$957@panix2.panix.com>
schuster@panix.com "Michael Schuster" writes:

>One correction (typo I assume)
>
>>TR-1200 & Camnis HSC-050 = same radio = Nissei competition to MVT-7100 &
> ^^^^
> TR-2400

Ooops, correct - thanks.

As a prize for spotting this typo you win a RT-680.....(The
editors decision is final and no alternative prize will be
offered)
--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\--/

3966. Regency Manuals - For Sale

Newsgroup: rec.radio.scanner
Date: 1994-05-20 13:58:54 UTC
From: lakeith@robins.af.mil
Message-ID: <2rifmu$8sp@wrdis02.robins.af.mil>
Source record: 274102

I have limited quantities of the following Regency Service
Manuals for sale. Prices include postage.

Regency HR-2 Series 2 Meter Transceiver $10.00

Model ACT-E10H/L/U Monitoradio Receiver $5.00

Model ACT-E16H/L, ACT-E16H/L/U Monitoradio Receiver $5.00

Model ACT-M8H,L,H/L Monitoradio Receiver $5.00

Model MT-15S VHF Marine Transcan $10.00

Model MT-25 VHF Marine Transceiver $10.00

Model MT-120 VHF Marine Transceiver $10.00

Model TME-16U UHF Monitoradio Receiver $5.00

Model TMR-8H/LL, TMR-8H/LM, TMR-8H/LH
Monitoradio Receiver $5.00

Larry Keith
231 Shenandoah Trail
Warner Robins, GA 31088-6289

912-329-0030 (4-10 PM EDT only, please)

3967. Re: TRIDENT TR2400

Newsgroup: rec.radio.scanner
Date: 1994-05-20 14:11:39 UTC
From: schuster@panix.com
Message-ID: <2riger$gs0@panix2.panix.com>
Source record: 274262

In article <769439646snz@javiaton.demon.co.uk>,
Jonathan Clough <Clough@javiaton.demon.co.uk> wrote:
>In article <2ri9t4$957@panix2.panix.com>
> schuster@panix.com "Michael Schuster" writes:
>
>>One correction (typo I assume)
>>
>>>TR-1200 & Camnis HSC-050 = same radio = Nissei competition to MVT-7100 &
>> ^^^^
>> TR-2400
>
>
>Ooops, correct - thanks.
>
>As a prize for spotting this typo you win a RT-680.....(The
>editors decision is final and no alternative prize will be
>offered)

I think I already have one of those ... unless I tossed it into the East
River :-)

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

3968. BLUE ANGELS ??

Newsgroup: rec.radio.scanner
Date: 1994-05-20 15:38:17 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <2rilh9$3gg@paperboy.gsfc.nasa.gov>
Source record: 274264

The angels will be over Annopolis this Sunday 22 and Monday 23 for comencement at the academy. Does anyone know their working freq. PLEASE mail them to me as soon as you can , I get off work at 15:30 and won't get to read any mail till tuesday and by then the show will be over..

P.S. if you know the freq used at Preakness tommorrow I would like to have them also.

Any help is appreciated !!!

3969. Mafia Frequencies wanted :-)

Newsgroup: rec.radio.scanner
Date: 1994-05-20 16:08:02 UTC
From: crisp@netcom.com
Message-ID: <crispCq3zHE.K0w@netcom.com>
Source record: 274265
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I plan on being in the Big Apple area soon and would really like
to monitor the mob while there. Vito and the boys seem like
really interesting scanner targets and would appreciate
some tips on which freqs etc they use.

Maybe they have a special "rubout" freq? Or perhaps
the numbers hotline? It may be that they have a cement overshoes
orderwire?

If no one can help with this, how about some of the freqs used
for bugs placed by the cops? Maybe I can hear some deals
being done in realtime along with the fellows in the radio vans?
As understaffed as the cops are always complaining they are, maybe
they could use some help monitoring the bugs etc?

Any help is appreciated :-))

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

In 1993, approximately 80 people were killed with so called Assault Weapons.
In that same year approximately 300 people were killed by bee stings.
These statistics cover the United States and the 80 number is an annualized
figure derived from the Justice Department and quoted by Dianne Feinstein.
According to the US Surgeon General, over 430,000 people died in the US
last year due to smoking related illnesses.

3970. Re: Icom R-100 opinion/gripe

Newsgroup: rec.radio.scanner
Date: 1994-05-20 18:06:11 UTC
From: magnet@nRCHs022
Message-ID: <2riu6j$fbn@corpgate.nt.com>
Source record: 274267

David S. Eitelbach (dseitel@crl.com) wrote:

: I stand corrected--and quite happily so! This does work, although
: only in search-skip mode ("programmed skip scan" in Icom-ese) and
: not in regular search mode ("programmed scan"), as Mr. Crisp says.
: It would have been much better to be able to use the tuning knob or
: up/down buttons, but at least now I can make it get on with searching
: when I land on junk, so this is *much* better, thank you. I still
: can't find this in the manual...

We looked last night and did'nt find any reference to this... We did
verify that this "feature" works! I guess I'll keep my r-100 now, but
I'll still keep the punctuation in lower case when refering to it. ;*)

It's a shame the manual has more pages on useing the CLOCK, THE CLOCK!!!!!!!!!!!
than the rest of the book. What a joke!

Immense gratitude to Mr. Crisp, for his help!
(Oh mighty scanner Sage! We're not worthy!)

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

3971. Re: Peak Conservation Receivers via Utility Companies.

Newsgroup: rec.radio.scanner
Date: 1994-05-20 18:09:12 UTC
From: magnet@nRCHs022
Message-ID: <2riuc8$fbn@corpgate.nt.com>
Source record: 274268

: I have one of those boxes on my central air unit, and it's on the
: local utilities' dispatch freq. It must drive the crews nuts to hear
: that crap all the time....it sure drives me nutso! And they weren't
: even smart enough to use CTCSS or any encoding. The frequency on my
: unit is not only written on the PC board inside the unit, it also is
: on the crystal inside the box.....not too much of a secret!

: Chuck Gysi, N2DUP
: scan911@aol.com

So... what is the frequency?

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

3972. Re: scanners on TV

Newsgroup: rec.radio.scanner
Date: 1994-05-20 18:11:07 UTC
From: magnet@nRCHs022
Message-ID: <2riufr$fbn@corpgate.nt.com>
Source record: 274269

Kirk Crawford (crawford@aero.org) wrote:
: In article <2rg8dm$9uj@strauss.udel.edu>, kmorrill@strauss.udel.edu
: (Kenneth J Morrill) wrote:
: >
: > What is the frequency of the tagged whale in the Star Trek movie
: > in which the Enterprise had to transport a whale back to the
: > future?

: I think it was 401 megahertz.
:
: > What is that frequency used for in reality?

: beats me.

Better yet, "What is the frequency of reality? 8-)

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

3973. Re: U.S.A.F. Northern Lights?

Newsgroup: rec.radio.scanner
Date: 1994-05-20 19:03:24 UTC
From: tharrell@nmsu.edu
Message-ID: <2rj1hs$hgr@dns1.NMSU.Edu>
Source record: 274273

Les Butler (lbutler@umcc.umcc.umich.edu) wrote:

: This evening here in Detroit <5/19 Aprx 8 pm EDT> I heard November to
: Northern lights on 364.20 which i show as Norad main contact freq. Anyone
: know what base Northern Lights refers to? How about callsign November?
: Thanks.....Les

Isn't the Air Force supposedly working on a top-secret hypersonic-type plane code-named "Aurora?" Maybe "Northern Lights" is a take-off on "Aurora Borealis." Hmm.

--

T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

3974. Re: HELP!!! I need DISNEYWORLD freqs!

Newsgroup: rec.radio.scanner
Date: 1994-05-20 19:32:03 UTC
From: strech1@aol.com
Message-ID: <2rj37j$asl@search01.news.aol.com>
Source record: 274270

In article <B42v1rU.bozobrown@delphi.com>, bozobrown@delphi.com
writes:

Today is Wednesday, 5/18, I'm leaving Friday for DisneyWorld and
can't
find the freqs!
Here is a list I got while online......

OK, for all of you guys that can't put your radio down when you go on
vacation - The (un)official list of Walt Disney World Frequencies.
(I'll give you a hint... I work at the Magic Kingdom, so this is
about
as official as it gets.) All of these frequencies are confirmed; They
were obtained from WDW Radio/Audio Central a:nd traffic has been
heard on
each frequency.

Anything with a * indicates simplex and probably very low power. (The
radios we use at 20,000 leagues are only 1 watt for operators and 4
watts for leads) If you don't hear anything, don't yell at me about
it,
you just aren't patient enough!

151.895 20,000 Leagues Under the Sea *
452.650 Cash Control (Wells Fargo Trucks) *
463.975 Custodial Base (EC and MK)
469.3375 E - Stops (Attractions) *
148.100 E-Stop Great Movie Ride *
462.550 Entertainment 1 (Characters)
461.300 Entertainment 2 (Parade Dispatch/Traffic)
464.9375 Entertainment 3 *
464.500 Entertainment 4 (Special)
453.825 Fire Channel 1 (Reedy Creek Fire Rescue)
463.750 Hailing (Disney - MGM Studios)
464.125 Hailing (EPCOT Center)
464.400 Hailing (Magic Kingdom)
154.47875 Light Barges (Electrical Water Pageant) *
462.675 Maintenance 1 (EPCOT Center)
464.625 Maintenance 2 (Magic Kingdom)
464.800 Maintenance 3 (Disney - MGM Studios)
462.650 Operations 1 (EPCOT Center)
462.575 Operations 2 (Monorails)
462.625 Operations 3 (Magic Kingdom)
461.600 Operations 5 (Disney - MGM Studios)
464.600 Operations Simplex *

157.740 Pagers (no input)
462.775 Pagers (no input)
462.850 Pagers (no input)
464.0625 People Finder *
468.8125 Point of Sale Systems *
462.475 Reedy Creek Energy Services
464.200 Resorts 1
461.700 S.T.E.P. (Fireworks)
151.655 Space Mountain/Riverboats/Studio Trams *
451.500 VUT
461.3375 Warehouses 1 *
461.9125 Warehouses 2 *

Also, Disney is steadily moving a lot of stuff to a 12 channel
trunked system
in the 800's. Currently, Security, Resorts, and Watercraft (plus some
V.I.P's)
use the system. I've seen the charts, and most of the traffic will
move there
within the next few years. Also, Disney should be setting up a 900's
trunked
system also. So, many of t non-theme park frequencies may be moving
there. .

If you would like to know who to listen for on each channel, give me
a note
at:

Internet: cwagar@ducvax.auburn.edu
America Online: "YenSid1"
Fidonet: 3613/13.20 (I think...)

Also, if you have any good frequencies to trade (especially State of
Florida
or
Alabama) drop me a line. I spent a good part of my summer sitting in
Walt
Disney World searching for frequencies... I'd like to think that
someone
appreciates it......!

Well, that's all I have (and that's alot!). Happy Scanning....!

Clayton

{Clayton Wagar}{Auburn University}{cwagar@ducvax.auburn.ed nu}
()_()
{"Its kind of fun to do the impossible..." - Walt Disney}{AOL
"YenSid1"} (_

3975. cordless phone

Newsgroup: rec.radio.scanner
Date: 1994-05-20 20:02:00 UTC
From: gary.paulson@onestop.sccsi.com
Message-ID: <549.2300.uupcb@onestop.sccsi.com>
Source record: 274100

SJH>Our neighbors monitor our cordless phone conversation
SJH>and I would like to know what is a good cordless phone
SJH>which would prevent this - preferably something under
SJH>$200. Please e-mail me at sjh@math.ufl.edu

We purchased a Panasonic KX-T3950 for $119 or so. It uses a fairly simple method to scramble your voice, but keeps nosey people like me from listening in with a simple scanner. We purchased it at Best, but have seen them at Wal-Mart and other places.

* SLMR 2.1a * Smoke Dope, Dodge Draft, Cheat on Wife - Be President!

One Stop PCBoard = Eastern Washington's Electronic Information Service

3976. Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-05-20 20:40:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <769486925.AA03769@rochgte.fidonet.org>
Source record: 274133

> From: rpetteng@pipeline.com (Roger Pettengill)
> Organization: The Pipeline

> CT, but my new Pro-2006 on an outside antenna wasn't hearing a
> thing from that station. I thought it was the radio until I
> connected the Pro-43 to the outside antenna and didn't hear the
> CT station there either. Then I reattached the ducky to the
> Pro-43 and walked around the room. In certain places in the

You should try the attenuator on the PRO-2006. It may push the noise
floor down far enough to enable it to hear that weather station.

==
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==

3977. Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-05-20 20:43:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <769486925.AA03770@rochgte.fidonet.org>
Source record: 274134

> From: copeland@metronet.com (Charles Copeland)
> Organization: Texas Metronet, Internet for the Individual
> 214-705-2917 (info)

> Do you have the switch on the back of the 2006 switch to 10db atten?
> That definitely will reduce what you can pickup.

Depends on what band. The PRO-2006 (and 4 and 5) are prone to desense
from strong local signals on the VHF high band. Using the attenuator with an
outdoor antenna actually IMPROVES reception in that band.

==
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Assistant Chief, University of Rochester Medical Center Fire Brigade
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==

3978. Re: Scanner mod.

Newsgroup: rec.radio.scanner
Date: 1994-05-20 21:26:48 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <769545917@f747.n115.z1>
Source record: 274074

-=> Quoting Robin Amano to All <=-

RA> From: robin@uhunix.tmc.edu (Robin Amano)
RA>
RA>
RA> Are the Pro-46s that are on sale now restorable? Is this
RA> a good handheld for a starter. Will I regret not spending
RA> around $150 for a 43? Also, will I regret not dishing out
RA> for a 2006 base or should one have both types?
RA> Thanks!!

Hi, Robin...This will answer your first qustion.

Product: Realistic PRO-46 by Radio Shack
Purpose: Restoration of full 800 Mhz coverage

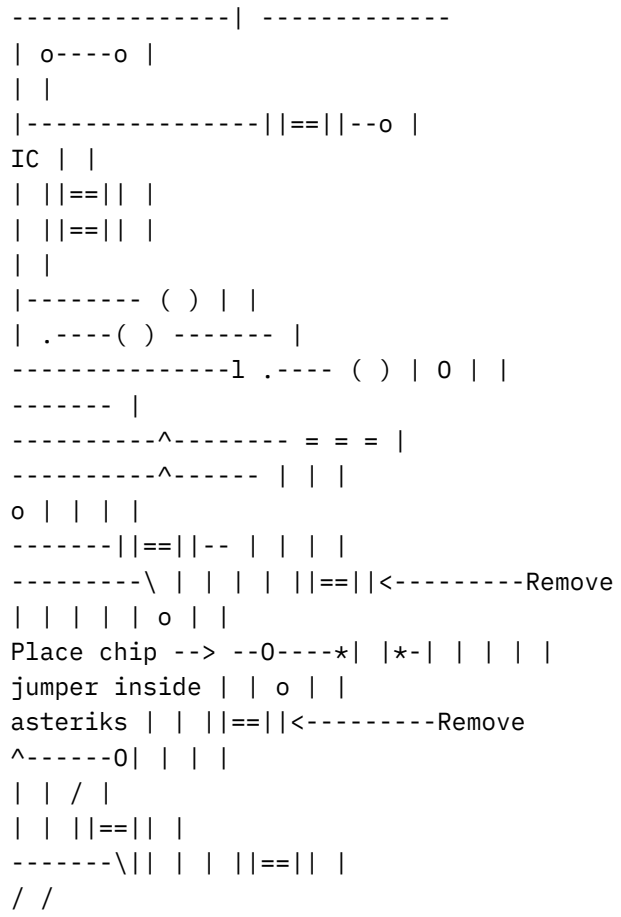
The modification of this unit is from the May, 1993 issue of
Monitoring Times, published by Grove Enterprises.

** Disclaimer: All modifications are done at your own risk. This
product uses surface mount components which can be easily damaged.
Do not perform this modification if you are not experienced with
this type of circuitry. This will void the warranty of your scanner.

** Listening to certain portions of the 800 Mhz band is prohibitted
by United States law.

Modification of PRO-46 for full 800 Mhz coverage with 30 Khz stepping
available.

1. Remove the battery pack, battery door and antenna.
2. Remove the four black screws from the back of the radio, then
push upward on the bottom of the rear of the case, carefully
swinging it upward and removing it.
3. Carefully insert a small screwdriver between the two boards
next to the interconnect plug in the lower right corner. Gently
pry the top board up to separate it and set it aside.
4. Unsolder the copper-coated plastic shield from the microprocessor
and set it aside. ** CAUTION!! Too much heat will damage the
shield. **
5. Locate the two chip jumpers imprinted with "0". Carefully unsolder
and remove both.
6. Solder one chip jumper across the two upper most unused solder
pads. (Soldering a jumper across the lower two pads changes the
30-50 Mhz band to 68-88 Mhz.)
7. Reverse steps 1-4. The modification is completed.


Remove
Remove
Remove
Place chip --> --O----*| |*-| | | | |
jumper inside | | o | |
asteriks | | ||==||<---------Remove
^------O| | | |
| | / |
| | ||==|| |
-------\|| | | ||==|| |
/ /

Jerry

3979. Re: Rat Shack PRO-2006A

Newsgroup: rec.radio.scanner
Date: 1994-05-20 21:49:03 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.769470543@constellation.ecn.purdue.edu>
Source record: 274274

Speaking of the PRO-2006, we know about how to clip two diodes to
do a "frequency restoration" and "scan speed increase".

There is a THIRD diode, I think designated D504, that is either IN or OUT
of circuit depending on where you live. Much like the one that
does the Freq. Restoration, it appears to affect access to a memory
in the GRE-whatever chip.

If I recall my info. correctly, the US versions do NOT have the diode,
but many of the overseas versions DO.

Does anyone know what that diode controls?

Duane

3980. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-20 21:54:00 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.769470840@constellation.ecn.purdue.edu>
Source record: 274125

zlau@arrl.org (Zack Lau (KH6CP)) writes:

(Dave STark wrote about the stupid scanner law)

>Thus, what exactly is the impact on amateurs?
>--

IMHO, directly, there isn't any. BUT - as I have said before
the scanner law and ECPA set horrible legal precedents for allowing
big-money corporate lobbies to yank more and more frequency bands from
public use.

By not more vehemently opposing it, ARRL has essentially
given its OK, at least in my opinion; and ignored the future
possibilities.

Since we hams are not a "big-money lobby", just who does anyone
think will be the likely first victims? We've already been assaulted on
220 MHz, it is likely to happen again somewhere else and the MORE it happens
the HARDER it will be to stop the whittling away of our spectrum.

Duane
wb9omc

3981. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-20 21:59:05 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.769471145@constellation.ecn.purdue.edu>
Source record: 274126

jkearman@arrl.org (Jim Kearman (KR1S)) writes:

>But, while I'm up here stumping, a show of hands, please. How
>many net.readers contacted their legislators about this issue?
>Even the Nasty Rifle Association urges firearms owners to contact
>their lawmakers about pending legislation.

>Regards,

>Jim Kearman
>Member, ARRL and NRA, and inveterate legislator-caller

Hi Jim - I'll bite on your question.

I contacted my Senators, Lugar and Coats on this issue. Lugar kind
of hem-hawed a bit, making me wonder if he might have actually voted FOR
the f***ing thing.

Coats, on the other hand, had NO qualms about telling me that he was
DEEPLY opposed to the scanner ban. So if you're looking for a Senator
to help start the "repeal bandwagon" rolling, Coats will be a good
place to start.

And Jim - you'll be happy to know that wb9omc is now an NRA member.
But you *still* won't get me into the ARRL, for the short term.... :-)

Now ARRL will start looking much MUCH more attractive if they start
working to repeal BOTH the scanner law AND the ECPA, which I
have now nicknamed:

the "Electronic Communication Piracy Act"

which I consider an act of outright piracy by the Congress and the
big-money lobbies that bought it into law.

Duane

3982. Re: BC200XLT Almighty Secret Code of Death?

Newsgroup: rec.radio.scanner
Date: 1994-05-20 22:05:43 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.769471543@constellation.ecn.purdue.edu>
Source record: 274127

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>The 200XLT and the Pro-43 are (were) rival models. The 200 is much older in
>design. It is a good unit, but the newer Pro-43 outperforms in in most
>respects. The 200 is made by Uniden and the 43 is made by GRE for Radio
>Shack. There have been 2 "replacement" models for the 200XLT. The 2500XLT
>was an attempt, and the 220XLT is the current Uniden offering. The 220 is
>said to replace the 200.

Hmmmm...GRE, seems like I recall seeing that on the CPU chip
in my PRO2006. Presumably GRE also made the 2006? If so, is there any
manufacturers' DOX that are any better than the ones you can get from
Rat Shack?

Duane
wb9omc

3983. Re: scanners on TV

Newsgroup: rec.radio.scanner
Date: 1994-05-20 23:17:40 UTC
From: albert@sc.hp.com
Message-ID: <2rjgek$i45@hpscit.sc.hp.com>
Source record: 274128

Brad Glidewell (magnet@nRCHs022) wrote:
> Kirk Crawford (crawford@aero.org) wrote:
> : In article <2rg8dm$9uj@strauss.udel.edu>, kmorrill@strauss.udel.edu
> : (Kenneth J Morrill) wrote:
> : >
> : > What is the frequency of the tagged whale in the Star Trek movie
> : > in which the Enterprise had to transport a whale back to the
> : > future?

> : I think it was 401 megahertz.
> :
> : > What is that frequency used for in reality?

> : beats me.

> Better yet, "What is the frequency of reality? 8-)

401 MHz is a U.S government frequency, still a long way from reality.

Albert

3984. Cell Antenna & program D.D.I.

Newsgroup: rec.radio.scanner
Date: 1994-05-21 02:17:37 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994May20.221255.1@cad3.uccb.ns.ca>
Source record: 274130

Does anyone have any preferances when it comes to a cellular antenna for their Realistic Pro-2006.
What kind of antenna should i use, a direct mount or a outside antenna?
Does anyone have any experience with a program called D.D.I.?

Waiting for any comments!

Ron

rling@cad.uccb.ns.ca

3985. Re: Wanted: Boston, MA frequencies & other info(?)

Newsgroup: rec.radio.scanner
Date: 1994-05-21 02:29:41 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May20.212941.2365@hnrc.tufts.edu>
Source record: 274129

In article <CQ.94May18121650@kidd.vet.purdue.edu>, cq@kidd.vet.purdue.edu (Rob Tillotson) writes:
> Hello... I will soon be heading out to Boston and of course I'll be
> bringing my scanner with me.

> Also, it looks like this may well be a permanent move for me.

If it's a permanent move, spend $29.95 for the Offical Massachusetts Scanner Guide, RA Coburn, editor.
All the usual stuff, plus some *real* goodies. For example,
Lotus Development Co. 464.7375, 464.9570, 469.9750,
(manufacturing) 462.2250, repeaters at 462.200 and 462.3500
Harvard (+Coop), MIT, Lesley College, Galleria Mall, Genetics Institute,
Biogen, Polaroid

3986. Re: Where is scanning ill

Newsgroup: rec.radio.scanner
Date: 1994-05-21 02:40:00 UTC
From: art.harris@woodybbs.com
Message-ID: <93.54.7592.0NFB27FC@woodybbs.com>
Source record: 274139

In article <1994May10.154405.20943@wdl.loral.com>,
Harry Salvini <salvini@wdl.loral.com> wrote:
>I am compiling a list of state/municipalities that "claim" scanners
>are illegal.

To which Bill Sohl<2qqp3o$4gb@dancer.cc.bellcore.com> replied:

SH>Outright bans on monitoring (possession of scanners) in automobiles:

SH>Florida*
SH>Indiana
SH>Kentucky*
SH>Michigan
SH>Minnesota
SH>New York

SH>In contrast several states prohibit the improper use of information
SH>heard, but do not prohibit the equipment and or the actual listening
SH>to police frequencies. They are:

SH>California
SH>Minnesota
SH>Nebraska
SH>New Jersey*
SH>New York
SH>Oklahoma
SH>Vermont
SH>West Virginia

SH>Note that NY and MN are on both lists.

Now I'm confused. How can a state be on both lists (i.e., ban scanners
outright AND only ban improper use)?

As for New York, my reading of the Traffic Code indicates that hams have
a waiver to allow them to use transmitters/receivers only on amateur
frequencies.

"Nothing in this section shall be construed to apply to any person who
holds a valid amateur radio license issued by the Federal Communications
Commission and who operates a duly licensed portable mobile transmitter
and in connection therewith a receiver or receiving set on frequencies
exclusively allocated to duly licensed radio amateurs." - New York State
Vehicle and Traffic Law, Article 12, Section 397.

To me, this is a far cry from saying someone who holds a ham license can
use a scanner in his car!

Art
N2AH

3987. Comparisons requested

Newsgroup: rec.radio.scanner
Date: 1994-05-21 04:05:27 UTC
From: steinr@ucs.orst.edu
Message-ID: <2rk1a7$80a@gaia.ucs.orst.edu>
Source record: 274131

Hello. I am looking for some comparisons between the Pro-2006 and the Pro-2032 base scanners. I realize that the first has 400 channels and the second has 200. However, my desire is for more technical information like how do they compare when recieving signals? Is one much better than the other?

E-mail or a news reply is OK with me.

Thanks.
--
_____________________________ |C
RAY STEIN -- N7RET __B_|/
OSU Electrical Engineering |\
|E

3988. Re: Icom R-100 opinion/gripe

Newsgroup: rec.radio.scanner
Date: 1994-05-21 04:43:24 UTC
From: crisp@netcom.com
Message-ID: <crispCq4yGD.JLB@netcom.com>
Source record: 274132

In article <2riu6j$fbn@corpgate.nt.com> brad.glidewell@nt.com writes:
>David S. Eitelbach (dseitel@crl.com) wrote:
>
>: I stand corrected--and quite happily so! This does work, although
>: only in search-skip mode ("programmed skip scan" in Icom-ese) and
>: not in regular search mode ("programmed scan"), as Mr. Crisp says.
>: It would have been much better to be able to use the tuning knob or
>: up/down buttons, but at least now I can make it get on with searching
>: when I land on junk, so this is *much* better, thank you. I still
>: can't find this in the manual...
>
>We looked last night and did'nt find any reference to this... We did
>verify that this "feature" works! I guess I'll keep my r-100 now, but
>I'll still keep the punctuation in lower case when refering to it. ;*)
>
>It's a shame the manual has more pages on useing the CLOCK, THE CLOCK!!!!!!!!!!
>than the rest of the book. What a joke!
>
>Immense gratitude to Mr. Crisp, for his help!
>(Oh mighty scanner Sage! We're not worthy!)

Well in my manual it is documented. I may have been around
radios a bit, and perhaps have found an undocumented feature
or three, but I cannot lay any claim to this. My manual is the
Japanese one, and it took a bit of effort, but it is there
for sure.

I have another R100 with an English manual but honestly I
have not even tried to look it up in it nor have I attempted
to compare the two manuals to see if there is more in the Japanese
versus the English manual.

One thing I have noticed is that the radios work differently.
My Japanese R100 (purchased in Tokyo) displays the clock while
off. My Hong Kong purchased one (with the English manual)
does not display the clock while off. Maybe one of you guys
that have carefully studied the manual can tell me how
to have the clock display when the radio is off?

BTW the Japanese purchased radio had the cell bands
blocked as well as the Japanese cordless bands. I did the
mod to open it up and now it is full coverage.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

In 1993, approximately 80 people were killed with so called Assault Weapons.
In that same year approximately 300 people were killed by bee stings.
These statistics cover the United States and the 80 number is an annualized
figure derived from the Justice Department and quoted by Dianne Feinstein.
According to the US Surgeon General, over 430,000 people died in the US
last year due to smoking related illnesses.

3989. Mods for BC70 XLY?

Newsgroup: rec.radio.scanner
Date: 1994-05-21 04:44:19 UTC
From: gheald@robins.af.mil
Message-ID: <2rk3j3$4jg@wrdis02.robins.af.mil>
Source record: 274111

please send ay info on BC70XLT it is much too limited as is.

--

Glenn Heald\gheald@wrdis01.robins.af.mil/Macon, Ga.a
The Rabbit in the Hat's; where its at.

3990. Re: Icom R-100 opinion/gripe

Newsgroup: rec.radio.scanner
Date: 1994-05-21 05:58:08 UTC
From: dseitel@crl.com
Message-ID: <2rk7tg$s99@crl2.crl.com>
Source record: 274136

Richard Crisp wrote:

> One thing I have noticed is that the radios work differently.
> My Japanese R100 (purchased in Tokyo) displays the clock while
> off. My Hong Kong purchased one (with the English manual)
> does not display the clock while off. Maybe one of you guys
> that have carefully studied the manual can tell me how
> to have the clock display when the radio is off?

On the bottom of the back, on the same side of the radio as the
tuning knob is a three-position switch for the clock, labeled
Off-On-Lamp.

David Eitelbach
--
"Old people like to give good advice as solace for no longer being able
to provide bad examples."
--La Rochefoucauld

3991. Re: Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-05-21 07:02:32 UTC
From: ad178@FreeNet.Carleton.CA
Message-ID: <Cq54w8.Huo@freenet.carleton.ca>
Source record: 274137

I bought a Pro-2006 about 10 months ago...BY FAR the best scanner
I've ever had....and I've had MANY over the past 16 years.
--
Life's to short to worry... :)

3992. Regency 4030 Headphone Jack

Newsgroup: rec.radio.scanner
Date: 1994-05-21 07:22:46 UTC
From: sbcaron@csupomona.edu
Message-ID: <1994May20.232246.1@clstac>
Source record: 274135

Hi there,

I have a Regency 4030 handheld and I was trying to find an adapter for its earphone jack so I could use headphones instead of the supplied earplug. The jack is unusualy small, smaller than the 3.5mm jack on most radios. Does rat shack have what I need? (part no?) I have tried a few places and they dont have the proper adapter. Thanks.

--

```
''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''
' "There is a purpose to time, you know. '
' It keeps everything from happening all at once" -Grand Tour '
' -----=======------- '
' Steve Caron SBCARON@vmsa.is.csupomona.edu '
''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''''
```

3993. Re: This Week on Spectrum May 21, 1994

Newsgroup: rec.radio.scanner
Date: 1994-05-21 08:26:50 UTC
From: cocq@nyongwa.montreal.qc.ca
Message-ID: <Cq58sr.M9A@nyongwa.montreal.qc.ca>
Source record: 274138
Cross-posted to:
rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.scanner,rec.video.satellite,rec.radio.cb,alt.radio.scanner,alt.radio.pirate

In article <johnboy.4.001EC15E@mcs.com>,
John R. Beatty <johnboy@mcs.com> wrote:
>>
>>On Saturday June 4'th we will take a look at Digital Audio Broadcasting
>>or DAB. This high-tech system of broadcasting is in the wings and
>>should be here near the end of the century. A few systems have been
>>proposed for dab and a standard hasn't been decided as of yet. Our
>>guest will be Ted Schober. Ted has been on the leading edge in the
>>world of DAB and will give us a look into the radio of the future.
>>--
>>Spectrum airs live Sunday at 0200 UTC (2200 EDT Saturday) on:
>
>> WWCR, 5810 KHz, Nashville, TN (World Wide)
>> WIFI, 1460 AM, Florance, NJ (Philadelphia Area)
>> KHNC, 1360 AM, Johnstown, CO (Denver Area)
>> Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)
>>
>
>Actually, only the USA has not yet adopted the system accepted worldwide as
>the standard for DAB. (Mostly because of intense lobbying by commercial AM
>and FM broadcasters who see it as new competition in an already competitive
>market.)

Yes indeed, there may be other developped countries in the same
situation
but i don't know wich ones. The WARC (ITU) 1992 has officially adopted the
L
Band (1452-1492MHz) as the worldwide band for DAB radio. And the americans
don't want to use that band but prefer to continue to use MW and FM bands
for
DAB. Two main arguments for using this new band for DAB is the bandwith
available and the ability to receive also from satellites. Hence the actual
DAB standard is a data flow of 1.5 million bits/sec compressed to .25
million
bits/sec using a bandwith of 1.5MHz per stereo service (6 services per
channel). So, that standard is unapplicable to the MW band(0.01MHz bandwith)
and the FM band (0.25MHz). That's why americans must develop a different
standard. Acording to the Canadian plan all MW and FM broadcasters should
have migrated to the L band by 2010 sharing all the same audio quality and
extra services(too long to explain here).

Extracted from an Industrie Canada leaflet printed in 1993 is a view of
the american position on DAB. This was written by the work group on DAB

implantation, consisting of representants of broadcaters industries and government.

" Why the USA does not adopt the L Band for DAB?

Actually the L band is not available for DAB in USA. Besides, many american broadcasters are opposed to it's use because they maintain that DAB in the L band is a menace for existing radio stations. Acording to these broadcasters, the introduction of DAB radio stations working on the L band would create a third band added to to MW and FM. The stations operating in this new band, in wich audio quality would be superior,
would grab some publicity revenues to traditional AM and FM stations who already have difficulties to make profits in a saturated american market. To overcome the menace posed by DAB broadcast in the L band some american
companies and broadcasters are jointly working on a DAB standard that could be operated in the MW and FM bands.
They have yet to proove that the proposed standard, known as IBOC (intraband in the lane (my translation)) could be exploited satisfactorily as
well in the MW and the FM band. We cannot dare say there is no solution in this avenue, but many international experts doubt that this american initiative can produce real improvements. Most countries want their future digital services to be coming as well from earth based transmitters as satellites. In view of the propagation caracteristics of the MW and FM bands the IBOC system won't be usable by satellites.
The problem is that even if the IBOC system could work well in labs it might not be so in real world. It might not overcome the problems of fading and multipath linked to FM transmission. So it is unlikely that the IBOC system's efficiency would surpass analog FM enough, specially in the case of car reception.
For the MW band even with the reduced need in bandwith arising from data compression the band isn't wide enough specially if you have to transmit as well the traditional MW service along with IBOC services. Besides at night there are serious jamming problems due to other stations that could cause an important degradation of DAB broadcasts in this band.
Consequently it is likely that any feasable IBOC exploitation would be in
the FM band to the detriment of MW stations. Then the actual inequalities between MW and FM stations wich made havoc to MW stations exploitants in the unregulated US radio market, would only increase if such a solution would be retained.
IBOC cannot offer real improvements to broadcasters and listeners. And obviously, if the listeners don't beleive taht DAB is realy superior they will buy the radios. "

Actually some of the long term tests are going on here in Montreal. If i could tune to 1468.75MHz i would hear the digital broadcast of 6 local stations repeated on the same channel. 10 prototype receivers made by the Eureka 147 consortium(Phillips, RCA-GE, Telefunken and Grundig) are in use

somewhere around the town. The first production models should appear in 1995.
Other companies: Pionner, Sony, Kenwood, and Delco have asked for licences. It is expected Delco (a GM subsidiary) will be a big player in this field since it is making half the worlds car radios, and the rate of renewals of cars is quite high and the fact that 55% of radio listening is done in cars make the car radio the major port of entry of DAB.

3994. Re: 46-49MHz Cordless Fre

Newsgroup: rec.radio.scanner
Date: 1994-05-21 13:07:43 UTC
From: ouisie@ripco.com
Message-ID: <Cq5Lsw.ED5@rci.ripco.com>
Source record: 274140

-=> Quoting Mendosa@rain.org to All <=-

Me> Source: "South Coast Scanner Frequencies," Copyright 1993 by Rick
Me> Mendosa --

Thanks much!

___ Blue Wave/QWK v2.12

3995. Re: Icom R-100 opinion/gripe

Newsgroup: rec.radio.scanner
Date: 1994-05-21 13:17:39 UTC
From: crisp@netcom.com
Message-ID: <crispCq5M9F.7Hu@netcom.com>
Source record: 274141

In article <2rk7tg$s99@crl2.crl.com> dseitel@crl.com (David S. Eitelbach) writes:
>Richard Crisp wrote:
>
>> One thing I have noticed is that the radios work differently.
>> My Japanese R100 (purchased in Tokyo) displays the clock while
>> off. My Hong Kong purchased one (with the English manual)
>> does not display the clock while off. Maybe one of you guys
>> that have carefully studied the manual can tell me how
>> to have the clock display when the radio is off?
>
>On the bottom of the back, on the same side of the radio as the
>tuning knob is a three-position switch for the clock, labeled
>Off-On-Lamp.

Well *THANK YOU*!

Isn't Internet great! Nothing like being able to help each other.
I really appreciate it.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

In 1993, approximately 80 people were killed with so called Assault Weapons.
In that same year approximately 300 people were killed by bee stings.
These statistics cover the United States and the 80 number is an annualized
figure derived from the Justice Department and quoted by Dianne Feinstein.
According to the US Surgeon General, over 430,000 people died in the US
last year due to smoking related illnesses.

3996. Where find call codes?

Newsgroup: rec.radio.scanner
Date: 1994-05-21 14:21:04 UTC
From: larryt1025@aol.com
Message-ID: <2rl5cg$oia@search01.news.aol.com>
Source record: 274142

Is there a book which lists the call codes used in police/fire communications? If not - how can you get a hold of them for your area?

3997. Cellular Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-21 17:40:35 UTC
From: domonkos@delphi.com
Message-ID: <9405211340591.DLITE.domonkos@delphi.com>
Source record: 274143

Does anyone know what the cellular frequency channel allocations are? I have the range but not broken down by channel allocations. Thanks.

Andy (no I'm not listening...)

3998. Re: BC142XL

Newsgroup: rec.radio.scanner
Date: 1994-05-21 19:17:07 UTC
From: rohvm1.mahgvb@rohmhaas.com
Message-ID: <rohvm1.mahgvb-210594152007@wmgvb.ho.rohmhaas.com>
Source record: 274147

In article <scott.2.000DF9DE@hp8c.nrl.navy.mil>, scott@hp8c.nrl.navy.mil
(Scott) wrote:

> I have a 142 and was wondering if anyone knows of any mods that can be done to
> this model. Dont laugh anyone, I'm saving $$$ for a grown up radio.
> BTW, thanks to everyone who posts here. I've learned a tremendous amount and
> look forward to more.
I also have one. Any mods???????????
--
==

George Bochanski mahgvb@rohmhaas.com
"The opinions expressed are those of the
author and not of Rohm and Haas Company."

3999. Re: Peak Conservation Receivers via Utility Companies.

Newsgroup: rec.radio.scanner
Date: 1994-05-21 19:37:47 UTC
From: af546@yfn.ysu.edu
Message-ID: <2rlnub$ih0@news.ysu.edu>
Source record: 274144

Yes, that would be a nasty trick but..... too risky.

I want to build a receiver with a COR switch that will close a relay to send
120 volts to my wall air conditioner unit in the bed room so when that modiule
next to the central air compressor kicks the juice off I will automatically
have an alternate source of confort without a drop in temperature or a costly electric bill
--

4000. US Scanner Publications

Newsgroup: rec.radio.scanner
Date: 1994-05-21 20:32:53 UTC
From: an678@FreeNet.Carleton.CA
Message-ID: <Cq66Eu.9no@freenet.carleton.ca>
Source record: 274148

Just saw an ad for US Scanner Publications frequency lists for each state...am curious as to anyone's comments on using their books...

Are they pretty complete in frequencies, or are they just a rehash of Police Call.

Bob

4001. PRO-51:what is the deal?

Newsgroup: rec.radio.scanner
Date: 1994-05-21 20:52:44 UTC
From: jdewitt@rainbow.sosi.com
Message-ID: <2rlsas$lgq@rainbow.sosi.com>
Source record: 274145

Hey all,
I just acquired a PRO-51, for Radio Shack. This is my first scanner, and I was wondering about a couple things. First of all, is this indeed better than the PRO-46, or perhaps the numbers don't really matter? I am gettting some cellular calls, but there are a lot more blocked, like 870-894Mhz. I heard that this particular scanner is not modifiable(after I bought it). Is this true, did I screw up? I just bought it a couple days ago, so I could probably bring it back and exchange it. I want to be able to do the mods to unblock the *cool* stuff.

thanx for any help
if you want feel free to email to save space here:

jdewitt@sosi.com

--
^^
jdewitt@sosi.com
jdewitt@ctnet.org
^^

4002. Is the PRO-51 any good?

Newsgroup: rec.radio.scanner
Date: 1994-05-21 20:57:08 UTC
From: jdewitt@rainbow.sosi.com
Message-ID: <2rlsj4$lj2@rainbow.sosi.com>
Source record: 274146

Hey folks,
I tried to post a similiar article earlier, but my system hung up, and I don't know if it worked. Anyways, is the PRO-51 from Radio Shack any good. It is my first scanner, so I really don't know what I am doing. I bought this one because I assumed that the 51 would be better than the 46. Course, this probably isn't so. So, did I by something that can't be modified, or is this actually a good scanner?

Please email if you want, or post here.

jdewittf@sosi.com

--
^^
jdewitt@sosi.com
jdewitt@ctnet.org
^^

4003. INDY 500 FREQUENCIES, PLEASE

Newsgroup: rec.radio.scanner
Date: 1994-05-21 21:14:12 UTC
From: alo2@po.CWRU.Edu
Message-ID: <2rltj4$q8p@usenet.INS.CWRU.Edu>
Source record: 274150

We're going to the Indy 500 next weekend, scanner in hand. Does anyone have the Indy 500/USAC list? Pit -- car, car-telemetery, and broadcast remote pickup freqs would be greatly appreciated!! These guys have been moving to 800/900 MHz, and thy sometimes have dircrete (discreet!) channels just for the Indy 500 itself. Any help would be appreciated!

Please respond via post, to this acount, or preferably to

df076@po.CWRU.edu

Thanks...see you at the brickyard!

--
Amy L. O'Toole N8XDL Greetings from the
Case Western Reserve University North Coast of
Cleveland, Ohio America!
The opinions expressed aren't anyone else's...although they should be.

4004. Re: U.S.A.F. Northern Lights?

Newsgroup: rec.radio.scanner
Date: 1994-05-21 22:09:14 UTC
From: philscott@delphi.com
Message-ID: <JywsNdy.philscott@delphi.com>
Source record: 274149

Les Butler <lbutler@umcc.umcc.umich.edu> writes:

>This evening here in Detroit <5/19 Aprx 8 pm EDT> I heard November to
>Northern lights on 364.20 which i show as Norad main contact freq. Anyone
>know what base Northern Lights refers to? How about callsign November?
>Thanks.....Les

From Steve Douglas' EXCELLENT book, The Comprehensive Guide to Military Monit
Northern Lights is " Air Int. Gnd. Ctl., Oak Grove, Tyndall AFB, FL
and ACC Radar intercept in Houston"
Have anice day. Phil in Philly, N3KDJ pscott@wellfleet.com

4005. Re: US Scanner Publications

Newsgroup: rec.radio.scanner
Date: 1994-05-21 22:16:39 UTC
From: philscott@delphi.com
Message-ID: <JSwN1Z3.philscott@delphi.com>
Source record: 274151

Robert C. Walker <an678@FreeNet.Carleton.CA> writes:

>Just saw an ad for US Scanner Publications frequency lists for each
>state...am curious as to anyone's comments on using their books...
>
>Are they pretty complete in frequencies, or are they just a rehash of
>Police Call.

I wish I could tell you! I ordered their map w/ allocation chart which
is nice for the wall, but the Pennsylvania freq list is not avail-
able yet...to their credit they told me that up front, but that was
weeks ago and still waiting.
Phil N3KDJ pscott@wellfleet.com

4006. 494.937 Cable Service?

Newsgroup: rec.radio.scanner
Date: 1994-05-21 22:30:58 UTC
From: peter_thompson@walnut.prs.k12.nj.us
Message-ID: <2rm232$d32@c3po.jvnc.net>
Source record: 274152

I recently ran across activity on 494.937 in the Princeton NJ area- the traffic is obviously a Cable TV company service fleet. What is weird here is that I have the entire NJ FCC database on hand, and fail to find any frequency like that in use. OK, OK. I hear you- Images. It must be a multiple of the IF on my BC 760xlt. So I try increasing and decreasing the frequency in steps of 10.7 (and 10.3 since I couldn't quite remember) Mhz. I did find other traffic on some multiples, but not this same frequency. I appear to be hearing the repeater output, as both the base and mobiles are there.

So- is there any way to tell if I am hearing the correct frequency or an image? I am also probably misunderstanding how the IF multiples work: what is the correct way to determine the actual frequency?

And finally, is 494.937 actually licensed for business use perhaps? Is there a good source for the FCC allocations somewhere?

Peter Thompson

4007. Re: U.S.A.F. Northern Lights?

Newsgroup: rec.radio.scanner
Date: 1994-05-21 23:33:02 UTC
From: mriffle@aol.com
Message-ID: <2rm5ne$20u@search01.news.aol.com>
Source record: 274153

In article <2rh77a$cma@umcc.umcc.umich.edu>,
lbutler@umcc.umcc.umich.edu (Les Butler) writes:

>This evening here in Detroit <5/19 Aprx 8 pm EDT> I heard November
to
>Northern lights on 364.20 which i show as Norad main contact freq.
Anyone
>know what base Northern Lights refers to? How about callsign
November?
>Thanks.....Les

I heard the same comm here in N.E. Ohio. I believe the aircraft you heard was an E-3 because later on in the comm the female referred to herself as Darkstar November - Darkstar being an E-3. I was stumped by the November callsign myself until I heard Darkstar.

BTW, I have been monitoring these comms for the past month. They usually occur between 7 and 11 PM EDT. They can usually be heard 2-3 times a week.
I am curious, how strong was the signal there? It was pegging my signal meter here at +15 to 20 dB.

As for where Northern Lights is located your guess is as good as mine. Judging from comms I have heard in the past it may be Griffiss AFB, NY (N.E. Air Defense Sector).

Mike

4008. Re: US Scanner Publications

Newsgroup: rec.radio.scanner
Date: 1994-05-22 00:09:08 UTC
From: msaran@pt.olympus.net
Message-ID: <2rm7r4$r5@olympus.net>
Source record: 274155

I picked up four books - Calif. Oreg. Wahsington and Hawaii. They are no
re-hash
of police call. The listings are great. The Hawaii book had freq's that
I could not find from any other source for Hawaii. I know that quanity
sometines is not always the best marker, BUT
the California book is huge (maybe 6 police calls thick).
I give all four a 9 or 10.

--
Mark Saran
msaran@olympus.net

4009. North Carolina

Newsgroup: rec.radio.scanner
Date: 1994-05-22 00:21:06 UTC
From: cr933@cleveland.Freenet.Edu
Message-ID: <2rm8hj$7jn@usenet.INS.CWRU.Edu>
Source record: 274154

I will be visiting North Carolina over the summer and would like
some freqs. to listen to there. I think the city is Caroline, but
I am no positive. Any freqs for or around this area would be
appreciated. Thank You!!

Mike
--
Michael Noll - cr933@cleveland.freenet.edu

4010. PRO-36 vs. PRO-43?

Newsgroup: rec.radio.scanner
Date: 1994-05-22 02:20:01 UTC
From: stephenx1@aol.com
Message-ID: <2rmfgh$3vp@search01.news.aol.com>
Source record: 274157

Can anyone tell me why I can receive transmissions in the 800-956 Mhz. area on my PRO-36 but not my PRO-43? In fact, I have programmed a frequency (that is "busy" on the 36) into the 43 and get nothing but "dead" static. What gives? Is my new '43 a dud? Or is there a logical explanation for this?

Thanks in advance for the reply. (I'll answer all who have any advice but it will be after COMDEX is over before I'll have time.)

Stephenx1

4011. Sony SW100 Questions

Newsgroup: rec.radio.scanner
Date: 1994-05-22 02:51:54 UTC
From: nunas@solomon.technet.sg
Message-ID: <2rmhca$njr@raffles.technet.sg>
Source record: 274160

I would like some advice on a shortwave radio. I have been looking at a new Sony called the SW100. It appears to be a replacement for the SW1, being about the same size. It has many more features though and opens/closes like a clam shell.

I have experience with a Sony 2010 (2001D in asia, I think) and a Kenwood TS450 amateur radio transceiver. I liked the 2010 but found it too heavy and too large. The TS450 is not portable.

The SW100 has a lot of features I like:

Synchronous detector, like the 2010. This I used a lot to pull in stations when there were strong ones nearby.

Sleep/wake up, like the 2010 but not as good, nice when travelling.

Memories, nice but not essential.

So, why am I putting this on the Internet and risking getting flamed? ;-> Well, I have only seen the SW100 in stores. I have never used one or talked to anyone who had any experience with one. In the stores, there is so much concrete and noise that I cannot receive anything.

To make matters worse, Sony does not publish specs. So, I cannot tell what the sensitivity and selectivity are like. Does anyone out there know how the SW100 fares in this regard? Either in terms of specs or in A/B as compared to the 2010 or TS450?

Does the synchronous detector really work?

The SW100 comes with or without accessories. The accessories are a Powersupply and an active antenna. How long do the batteries really last (yes, I know Sony provides figures, but really . . . what is the experience)? Is the active antenna useful or should I just buy the bare bones receiver?

WRT price, the cost here in Singapore is about $350 for the basic model and $440 for the one with accessories; that is about US $220 and 275 respectively. What is the cosst in HK or the US where these things are usually a tad cheaper? (I can probably talk them down a few $$ here as we dicker for everything here in S'pore!). Is the Difference in price between the basic and full pkg worth the price difference?

Where on internet or elsewhere can I find reviews on the SW100?

This is my first message on the Internet newsgroups, so I hope this comes through OK!

Maurice Nunas, from the land of endless summer.

4012. SBE OptiScan programming info needed

Newsgroup: rec.radio.scanner
Date: 1994-05-22 06:27:19 UTC
From: rwoolley@theodolite.ae.calpoly.edu
Message-ID: <1994May22.062719.192012@zeus.aix.calpoly.edu>
Source record: 274162

I seem to have come across an SBE OptiScan scanner with no programming info. I've got one of the programming cards (10x15 matrix, opaque sticker or none on each spot) with no frequencies labeled. Does anyone have any programming info on this scanner? thanks,

Ryan KC6WOW

4013. Re: 494.937 Cable Service?

Newsgroup: rec.radio.scanner
Date: 1994-05-22 06:36:07 UTC
From: jdwhite@iastate.edu
Message-ID: <2rmugn$7qq@news.iastate.edu>
Source record: 274163

In article <2rm232$d32@c3po.jvnc.net>,
Peter C. Thompson <peter_thompson@walnut.prs.k12.nj.us> wrote:
>I recently ran across activity on 494.937 in the Princeton NJ area-
>the traffic is obviously a Cable TV company service fleet.
[...]
>And finally, is 494.937 actually licensed for business use perhaps?

No, 494.0 - 500.0 is allocated to UHF TV channel 18.

-Jason
--
Jason D. White Durham Center Operations Staff
jdwhite@iastate.edu Repeater Chairman, Cyclone Amateur Radio Club
Iowa State University Packet: n0rwu @ ki0q.#cia.ia.usa.na
Ames, Iowa

4014. Re: TRIDENT TR2400

Newsgroup: rec.radio.scanner
Date: 1994-05-22 07:46:56 UTC
From: Randy <randy1314@delphi.com>
Message-ID: <RQ7tlzw.randy1314@delphi.com>
Source record: 274164

I have had a Trident TR 2400 for about 2 months and haven't encountered any problems and am quite pleased with the performance. It would need a better antenna if you want to try the shortwave bands.

4015. mods for MX7000

Newsgroup: rec.radio.scanner
Date: 1994-05-22 10:06:37 UTC
From: roblyn@cam.org
Message-ID: <roblyn.3.000A511E@cam.org>
Source record: 274168

I am looking for mods for the Regency scanner MX7000 manufactured by AOR. I would like to know of mods to increase scanning speed and also how to improve reception. Also info on schematics on this unit tks

4016. Re: Sony SW100 Questions

Newsgroup: rec.radio.scanner
Date: 1994-05-22 13:44:11 UTC
From: schuster@panix.com
Message-ID: <2rnnjb$onr@panix2.panix.com>
Source record: 274165

In article <2rmhca$njr@raffles.technet.sg>,
Maurice Nunas <nunas@solomon.technet.sg> wrote:
>I would like some advice on a shortwave radio. I have been looking at a
>new Sony called the SW100. It appears to be a replacement for the SW1,
>being about the same size. It has many more features though and
>opens/closes like a clam shell.

So far your impressions are correct.

>;-> Well, I have only seen the SW100 in stores. I have never used one
>or talked to anyone who had any experience with one. In the stores,
>there is so much concrete and noise that I cannot receive anything.

Fine. This is a perfect reason to post here. Don't worry about flames.

>To make matters worse, Sony does not publish specs. So, I cannot tell
>what the sensitivity and selectivity are like. Does anyone out there
>know how the SW100 fares in this regard? Either in terms of specs or in
>A/B as compared to the 2010 or TS450?

I think we're in the same boat here.

>Does the synchronous detector really work?

Yes it does.
It locks easily and stays locked. It adds to intelligibility, although the
noise level on weak signals does rise slightly. It also helps dramatically
to reduce adjacent channel interference from one side or the other.

This sync detector design is TWO GENERATIONS NEWER than the one on the vaunted
2010.

>The SW100 comes with or without accessories. The accessories are a
>Powersupply and an active antenna. How long do the batteries really last
>(yes, I know Sony provides figures, but really . . . what is the
>experience)? Is the active antenna useful or should I just buy the bare
>bones receiver?

People have reported 15 hours, or so. I've had different sets of batteries
in and out of mine, so it's hard to give an absolute estimate, but it
sounds right.

If you don't have an indoor or outdoor longwire, get an active antenna.
It does not produce dramatic results, but it is definitely better than the
whip.

>WRT price, the cost here in Singapore is about $350 for the basic model
>and $440 for the one with accessories; that is about US $220 and 275

>respectively. What is the cosst in HK or the US where these things are
>usually a tad cheaper? (I can probably talk them down a few $$ here as
>we dicker for everything here in S'pore!). Is the Difference in price
>between the basic and full pkg worth the price difference?

The SW-100S (accessories) package goes for about $350 in the US.
The SW-100E package in not distributed in this country.

>Where on internet or elsewhere can I find reviews on the SW100?

I will mail my file to you.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4017. Re: PRO-36 vs. PRO-43?

Newsgroup: rec.radio.scanner
Date: 1994-05-22 14:27:49 UTC
From: copeland@metronet.com
Message-ID: <Cq7K6E.E1p@metronet.com>
Source record: 274166

In article <2rmfgh$3vp@search01.news.aol.com>,
Stephenx1 <stephenx1@aol.com> wrote:
>Can anyone tell me why I can receive transmissions in the 800-956
>Mhz. area on my PRO-36 but not my PRO-43? In fact, I have programmed
>a frequency (that is "busy" on the 36) into the 43 and get nothing
>but "dead" static. What gives? Is my new '43 a dud? Or is there a
>logical explanation for this?

You don't hear anything because the PRO-43 is a better radio. It
has triple conversion instead of double conversion. What you are
hearing does not exist on the frequency you punch in, but is an
image of the true frequency about 20mhz away in the blocked out
cellular frequencies. The PRO-43 can be modified to unblock the
"true" cellular frequencies. Just involves removing a diode.

--

| copeland@metronet.com |

4018. Re: PRO-36 vs. PRO-43?

Newsgroup: rec.radio.scanner
Date: 1994-05-22 16:05:05 UTC
From: skiingcal@aol.com
Message-ID: <2rnvrh$eun@search01.news.aol.com>
Source record: 274167

In article <2rmfgh$3vp@search01.news.aol.com>, stephenx1@aol.com (Stephenx1) writes:

Your Pro 36 is probably receiving a mirror and not the intended frequency. The Pro 43 is a much better radio. Triple conversion will reject mirrored and intermod much better than the 36.

4019. open mike on 800MHz

Newsgroup: rec.radio.scanner
Date: 1994-05-22 16:48:11 UTC
From: me <PJB113@psuvm.psu.edu>
Message-ID: <94142.124811PJB113@psuvm.psu.edu>
Source record: 274169

Could someone please tell me what is going on with an open mike on 858.2625MHz in the State College,PA trunked system? This frequency stays open, so I locked it out and then when there is talk on this channel I miss it if I just use one scanner. Luckily, I have two 800MHz scanners so it isn't a problem for me. Note that i'm not talking about the control channel!! The control channel has always been different from 858MHz since I noticed this garbage.

Is there anyone else out there who experiences the same type of problem with your trunked system? I suspect that it was intentionally done to screw scanner users up.-PJB

4020. Re: Scanner prices?

Newsgroup: rec.radio.scanner
Date: 1994-05-22 17:31:12 UTC
From: steven@sgb.oau.org
Message-ID: <Cq7so1.7rK@sgb.oau.org>
Source record: 274172

dbernard@thewho.Central.Sun.COM wrote:

: Cellular frequencies? Has the ban, in effect, caused the dwindling
: supply and perhaps increased demand (buy now or never) to cause
: new and used prices to heat up?

Naw, not so far. I have received numerous requests in e-mail for the overseas supplier addresses and phone numbers (Canada, UK and Germany).

I am in the process of making such a listing and will post it here soon (for the curious).

There is no problem getting units that can receive cell-calls, since when they dry up here, it is simply a case of calling a little longer distance to get one.

To those companies who may have thought you can not import for purposes of resale, it was recently pointed out to me that the following holds true:

Under new FCC rules, it is legal to import receivers with cellular capability easily restorable or already restored, if the purpose is for export.

It was further explained, if you stamp the invoice "For Export Only", it legally shows your intention was in fact to make a sale for export purposes.

Now if the purchaser, whom obviously was "buying for export purposes" from you does not actually do so, he may be breaking the law, but it would be him and not you since you covered yourself when you made sure the paperwork showed your intent was selling to a third party for intention of export.

But, if this third party is not in the commercial business himself, the FCC has no way of knowing. Therefore there can be no enforcement.

EEB probably should look at this angle, they could make a mint on future sales!

Where there's a will, there's a way!

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
GEnie: s.bradley6@genie.geis.com |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

4021. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-22 17:42:30 UTC
From: steven@sgb.oau.org
Message-ID: <Cq7t6v.7vn@sgb.oau.org>
Source record: 274173

David Stark (David.Stark@p2.f333.n2613.z1.fidonet.org) wrote:
: An ARRL employee (and others) have argued that ECPA and TDDRA have no
: effect on hams, and therefore ARRL was justified in basically ignoring the
: threat to other radio hobbies. Here are some more facts:

: As has been rumored and suspected, Kenwood has removed the 800-900 MHz
: reception capabilities from their TH-78A dual-band Ham HT. Models with
: serial numbers beginning with 51xxxxxxx are no longer capable of

: failed; Kenwood says the freqs have been removed from the MPU chips used

Well, some questions have surfaced here:

[1] Does Kenwood ONLY sell these units in the U.S.?
[2] Is there a non-U.S. version unaffected by this change?
Part Number/Model of unaffected unit?
[3] What was the part number of the old MPU chip used in this unit?
What is the part number of the new MPU chip? What is the price
of the old? Remember, someone needs to tell Kenwood its not
illegal to sell the parts! The FCC has no jurisdiction over
rare material -- such as kits and semiconductors!
[4] Lastly, when we have determined the above, address to order
the parts to repair the now "broken" radios? There must be
a place these parts can be ordered from. Remember, its not
illegal to order the parts! FCC has no jursidiction over
MPU capabilities and U.S. sales of!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net |----------------------------
GEnie: s.bradley6@genie.geis.com | Don't you think it's about
CompuServe: 73232.505@compuserve.com | time we FIRED the Federal
America Online: sgbradley@aol.com | Communications Commission?

4022. Re: Where is scanning ill

Newsgroup: rec.radio.scanner
Date: 1994-05-22 18:51:01 UTC
From: hayden@krypton.mankato.msus.edu
Message-ID: <1994May22.135101.6229@vax1.mankato.msus.edu>
Source record: 274085

If I understand the Minnesota law correctly, you cannot have a radio capable of picking up a police frequency in your car unless you are a licensed radio operator.

You may be able to transport it if it is in the trunk out some such (sort of like transporting alcohol).

--
____ Robert A. Hayden <=> hayden@krypton.mankato.msus.edu
\ /__ -=-=-=-=- <=> -=-=-=-=-
\/ / Finger for Geek Code Info <=> Political Correctness is
\/ Finger for PGP 2.3a Public Key <=> P.C. for "Thought Police"
-=-=-=-=-=-=-=-
(GEEK CODE 1.0.1) GAT d- -p+(---) c++(++++) l++ u++ e+/* m++(*)@ s-/++
n-(---) h+(*) f+ g+ w++ t++ r++ y+(*)

4023. can some PRO-43's be modified, some not?

Newsgroup: rec.radio.scanner
Date: 1994-05-22 20:04:00 UTC
From: jdewitt@rainbow.sosi.com
Message-ID: <2rodrg$hh1@rainbow.sosi.com>
Source record: 274170

Is there any truth to the statement that some PRO-43's can be modified,
and some not. I had a PRO-51, and I just returned it and got a PRO-43.
The model number is 20-300. I can't seem to find any date of
manufacture, so who knows? Is this scanner modifiable, and if so, how
does one go about doing this. I only have limited experience with
soldering and stuff. Still doing that school thing. I dl'd some mods
from the ftp site, but I got worried when someone said it can't be modified.
Please email any info, or post here.

thanx for any future help.....jeff

jdewitt@sosi.com
--
^^
jdewitt@sosi.com
jdewitt@ctnet.org
^^

4024. SW RADIO FOR GAZA

Newsgroup: rec.radio.scanner
Date: 1994-05-22 21:01:23 UTC
From: bart.gellman@his.com
Message-ID: <9405222101.A7925wk@his.com>
Source record: 274081

I am a newspaper reporter, about to be posted to the Middle East, and I want an easily portable shortwave radio for listening to BBC, Israel Army radio and so on. Must be very reliable and somewhat forgiving of abuse. Digital tuning and memory buttons desirable. Most journalists I know use the Sony 7600. Any contrary advice before I plunk down the money?

Bart Gellman
The Washington Post
gellmanb@washpost.com

4025. Re: PRO-2006 hum -- normal?

Newsgroup: rec.radio.scanner
Date: 1994-05-22 22:41:32 UTC
From: bandit@nbnet.nb.ca
Message-ID: <9422184132.647A@news.nbnet.nb.ca>
Source record: 274171

On Mon, 30 May 1994 08:42:43 GMT, john.jewkes@tcfarm.com writes:
bjiju>
>no sir, that's not normal. You should contact whatever company you
>purchased it from. It generally indicates something wrong in the audio
>output filter circuit to get an AC hum from the speaker. The fact that
>it is audible when unit is off indicates it might be dangerous, I.E.:
>catch fire!
>
> please do not use it on AC until it is repaired.
>JOHN JEWKES, OHSU SAFETY TEAM MEMBER
>
> john.jewkes@OHSU.EDU
>

4026. New Orleans Frequencies Wanted

Newsgroup: rec.radio.scanner
Date: 1994-05-22 23:36:05 UTC
From: ev970@cleveland.Freenet.Edu
Message-ID: <2roq95$lo4@usenet.INS.CWRU.Edu>
Source record: 274174

I have a trip to the Big Easy planned in a couple of weeks.

Does anyone have a list of frequencies for New Orleans
Thanks...

4027. Re: Cheap Discone Antenna

Newsgroup: rec.radio.scanner
Date: 1994-05-23 00:22:00 UTC
From: art.harris@woodybbs.com
Message-ID: <93.63.7592.0NFB2815@woodybbs.com>
Source record: 274083

In article <2r5qmd$mgo#girtab.usc.edu>, asplund@girtab.usc.edu
writes:
>>Hello all,
>>
>>Recently I saw an ad in one of the hundreds of scanner/ham radio magazines
>>subscribe to for an inexpensive (around $29.95) discone antenna. However,
>>cannot seem to find the ad after many hours of looking. Since I am looking
>>purchase five of these antennas, I would like to find the best deal possibl
>>
>>If anyone knows of a good source for inexpensive discone antennas, I would
>>appreciate it if you passed the information along to me at:
>asplund@aludra.usc.edu.

The outfit you're thinking of is:

Lakeview Company, Inc.
3620-9A Whitehall Rd.
Anderson, SC 29624

Orders: 800-226-6990 Ext 10
Tech info: 803-226-6990

I've seen these discones at hamfests and they look ok.

Art N2AH

4028. Re: Yupiteru Question

Newsgroup: rec.radio.scanner
Date: 1994-05-23 00:27:03 UTC
From: stephenx1@aol.com
Message-ID: <2rot8n$kom@search01.news.aol.com>
Source record: 274076

In article <2rgdtd$r0f@ionews.io.org>, gesman@io.org (Gleb Esman) writes:

Thanks for the reply! The Yupi scans the 800-900+ Mhz. frequecies at 10 Khz. steps while the Rat Shack (Radio Shack) scanners scan at 12.5 Khz. I have set 5 units to the same frequency with the result I mentioned in my first query. Does this information help make the problem clearer?
Thanks again.

Stephenx1@AOL.COM

4029. Re: Grove Enterprises Phone Number?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 00:33:01 UTC
From: stephenx1@aol.com
Message-ID: <2rotjt$kr3@search01.news.aol.com>
Source record: 274077

In article <22MAY199418481066@newmen.mmm.com>, ctuttle@newmen.mmm.com (CT) writes:

The following is the information you requested on Grove Enterprises:

Grove Enterprises
P.O. Box 98
300 South Highway 64 West
Brasstown, NC 28902
Phone (704) 837-9200
Fax (704) 837-2216
Toll-Free Order Number 800-438-8155
BBS (300-14,400 BPS) (704) 837-5957

4030. Grove Enterprises Phone Number?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 00:48:00 UTC
From: ctuttle@newmen.mmm.com
Message-ID: <22MAY199418481066@newmen.mmm.com>
Source record: 274075

Anyone have Grove Enterprises PHone number and or address?

Thanks

cltuttle@mmm.com
Craig TUttle

4031. Re: open mike on 800MHz

Newsgroup: rec.radio.scanner
Date: 1994-05-23 00:56:13 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2rouvd$ep3@umcc.umcc.umich.edu>
Source record: 274080

Have you considered it being a birdie on that frequency. Try another
radio and see if it is still there, preferbly a different model of radio
in case it's the whole line...
Les

4032. Re: can some PRO-43's be modified, some not?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 01:46:04 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May22.204604.2367@hnrc.tufts.edu>
Source record: 274078

In article <2rodrg$hh1@rainbow.sosi.com>, jdewitt@rainbow.sosi.com (Jeff Dewitt) writes:
> Is there any truth to the statement that some PRO-43's can be modified,
> and some not. I had a PRO-51, and I just returned it and got a PRO-43.
> The model number is 20-300. I can't seem to find any date of
> manufacture, so who knows? Is this scanner modifiable, and if so, how
> does one go about doing this. I only have limited experience with
> soldering and stuff. Still doing that school thing. I dl'd some mods
> from the ftp site, but I got worried when someone said it can't be modified.
> Please email any info, or post here.
>

What's the serial number? (It may be worthwhile for others to post
candidates for the highest serial number of
a modified unit. I've been told serial numbers through 52,000 are modifiable
and I've seen units (modification status unknown) well into the 60k's before
April 26.

Cellular Security Group advertises an unlocking service (508/768-7486).
I have seen some good things about them on the net and have had a good
experience myself. I have not seen anything negative about them.
Others may wish to comment.

4033. Re: Scanner prices?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 01:49:33 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May22.204933.2368@hnrc.tufts.edu>
Source record: 274079

In article <Cq7so1.7rK@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley) writes:
> dbernard@thewho.Central.Sun.COM wrote:
>
> : Cellular frequencies? Has the ban, in effect, caused the dwindling
> : supply and perhaps increased demand (buy now or never) to cause
> : new and used prices to heat up?
>
> Naw, not so far. I have received numerous requests in e-mail for the
> overseas supplier addresses and phone numbers (Canada, UK and Germany).
>
> I am in the process of making such a listing and will post it here soon
> (for the curious).
>
> There is no problem getting units that can receive cell-calls, since when
> they dry up here, it is simply a case of calling a little longer distance
> to get one.

However, many units manufactured for overseas markets lack features that are
standard in US models (e.g., CTCSS encoding and decoding). By the time you
figure in the cost of adding these features, you may find that the
price *has* gone up.

4034. Re: Pro 2006 best price??

Newsgroup: rec.radio.scanner
Date: 1994-05-23 02:58:14 UTC
From: allenmason@delphi.com
Message-ID: <50ytVZ2.allenmason@delphi.com>
Source record: 274082

I just purchased my 2006 last month from USRADIO Fort Worth Computer, Granbury TX. for $345 This was the best price I found.
Good Luck
Allen

4035. Re: WANTED: BC200XLT docs

Newsgroup: rec.radio.scanner
Date: 1994-05-23 03:06:23 UTC
From: allenmason@delphi.com
Message-ID: <x2zPVN-.allenmason@delphi.com>
Source record: 274084

Mike,
E-Mail a Snail-Mail address and I will send you a copy.

Allen

4036. Address Book?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 03:09:24 UTC
From: CHARLES.GEORGE@hughsoft.com
Message-ID: <3FAF5B79@hughsoft.com>
Source record: 274093

Email : Charles.George@Hughsoft.com
or Charles6407@Delphi.com

I was wondering whether anybody could give me the name of a book with the addresses of various Utilities that can be heard in HF Bands, especially if it has the frequencies used by the operations?
I would like to pay a reasonable amount like not more than $40 if possible.
Also I was wondering whether anyone knows the frequencies used by Scripps-Howard Institute, since I remember hearing them in the past working Oceangrapic ships in the 8 MHz region but don't remember the frequencies.

• SLMR 2.1a • Press any key to continue or any other key to quit

==========
From The (Texas) Black Gold BBS @hughsoft.com 214.783.6893
==========

=======

4037. Re: Beyond Police Call?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 04:03:05 UTC
From: bruceg7809@aol.com
Message-ID: <2rp9tp$nd9@search01.news.aol.com>
Source record: 274087

In article <1994Apr9.225507.2198@hnrc.tufts.edu>,
jerry@hnrc.tufts.edu (Jerry Dallal) writes:

I just bought a copy and it isn't worth it.. for the SF Ca area.. It
is a nationwide edition and really lacks depth in areas..

4038. Re: SW RADIO FOR GAZA

Newsgroup: rec.radio.scanner
Date: 1994-05-23 04:04:19 UTC
From: eric@garnet.msen.com
Message-ID: <2rpa03$75i$1@garnet.msen.com>
Source record: 274086

> I am a newspaper reporter, about to be posted to the Middle East, and I
> want an easily portable shortwave radio for listening to BBC, Israel Army
> radio and so on. Must be very reliable and somewhat forgiving of abuse.
> Digital tuning and memory buttons desirable. Most journalists I know use
> the Sony 7600. Any contrary advice before I plunk down the money?
> Bart Gellman
> The Washington Post
> gellmanb@washpost.com

Bart,
My advice to you is... don't take the assignment.
- - Eric

--
------------------<Golan Security/Defense Policy Studies>--------------------
eric@golan.org | The HOWITZER of truth on the | Holyland Harley-
72000.1256@compuserve.com | battlefield of propoganda. | Davidson Club
----

4039. Re: US Scanner Publications

Newsgroup: rec.radio.scanner
Date: 1994-05-23 04:36:47 UTC
From: surfer@pipeline.com
Message-ID: <2rpbsv$c9g@pipeline.com>
Source record: 274090

I'd like the contact info for US Scanner Publications so I can try out a copy for my area. Thanks...

4040. Re: Volume Control knob, Uniden Bearcat BC-55-XLT

Newsgroup: rec.radio.scanner
Date: 1994-05-23 05:07:25 UTC
From: pckwong@hkuxb.hku.hk
Message-ID: <Cq8owD.DAp@hkuxb.hku.hk>
Source record: 274095

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: In article <danbury.768938125@BIX.com> danbury@BIX.com (danbury on BIX) writes:
: >When I listen to my Uniden Bearcat BC-55-XLT I hear
: >some really garbled sounds.
:
: >When I turn the volume control knob way down, and put the
: ^^^^^^^^
>speaker right next to my ear, I can hear the thing clearly.
:
: >El-No-Comprend-o ....
:
: It does sound like low batteries. When the volume is up high, the unit
: requires more current...... ^^^^^^^
:
:
: Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
: Intel Corp.

How about the VR int. (bad contact or dirt on brush)? How long
does the scanner used?? Does the noise come out from some
specific points when turning the knob???

- Philips Wong, VR2XVI

: American Fork, UT

4041. Re: open mike on 800MHz

Newsgroup: rec.radio.scanner
Date: 1994-05-23 05:15:00 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994May23.001500.1@uoft02.utoledo.edu>
Source record: 274088

<PJB113@psuvm.psu.edu> writes:
> Could someone please tell me what is going on with an open mike on
> 858.2625MHz in the State College,PA trunked system? This frequency
> stays open, so I locked it out and then when there is talk on this
> channel I miss it if I just use one scanner. Luckily, I have two 800MHz
> scanners so it isn't a problem for me. Note that i'm not talking about
> the control channel!! The control channel has always been different from
> 858MHz since I noticed this garbage.
>
> Is there anyone else out there who experiences the same type of problem
> with your trunked system? I suspect that it was intentionally done to
> screw scanner users up.-PJB

This is one of the reasons the PRO-2006's have a Sound Squelch. When
activated, after it stops on a frequency with a carrier, it then briefly checks
the freq for modulation. If there's none present, it continues scanning. Very
helpful for listening to Detroit PD's 453Mhz system, where repeaters stay on
for minutes at a time.

--
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

4042. can some PRO-43's be modified, some not?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 05:34:53 UTC
From: jdewitt@rainbow.sosi.com
Message-ID: <2rpf9t$im@rainbow.sosi.com>
Source record: 274091

The serial number is 064855. Damn, I hope I didn't by the better scanner for nothing. Thanx for any help.

jeff
--
^^
jdewitt@sosi.com
jdewitt@ctnet.org
^^

4043. Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 05:36:51 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994May22.223651.7848@yvax.byu.edu>
Source record: 274089

The other day I was listening to the local police who were searching for some bad guy in an old green Chevy truck. My wife was leaving to run an errand, so I said, "If you see an old green Chevy truck, stop and call the cops." I was just kidding around, but that got me wondering if the police ever get help from people who are monitoring on their scanners. It seems like the trend is for the government to try to restrict scanning of police and similar frequencies, with the idea that it is harmful, but I'd bet that sometimes it has been helpful to have people listening in--especially when they're looking for someone.

My wife never saw the green Chevy, but I would be interested in hearing about it if anyone has ever been able to help the police thanks to some-thing they heard while scanning.

4044. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 05:47:41 UTC
From: carmean@rain.org
Message-ID: <2rpg1t$t0t@rain.org>
Source record: 274092

johnsonk1@yvax.byu.edu wrote:
> The other day I was listening to the local police who were searching for some
> bad guy in an old green Chevy truck. My wife was leaving to run an errand, so I
> said, "If you see an old green Chevy truck, stop and call the cops." I was just
> kidding around, but that got me wondering if the police ever get help from
> people who are monitoring on their scanners. It seems like the trend is for the
> government to try to restrict scanning of police and similar frequencies,
> with the idea that it is harmful, but I'd bet that sometimes it has been
> helpful to have people listening in--especially when they're looking for
> someone.

> My wife never saw the green Chevy, but I would be interested in hearing
> about it if anyone has ever been able to help the police thanks to some-
> thing they heard while scanning.

I've gotten varying responses. While driving around one day, I was listening to some traffic about a guy who had brandished a pistol at the local Salvation Army. They gave a good description of the guy, the most notable feature of which was that he was walking around talking to himself, and to signposts. Anyway, I saw the guy and went to a payphone, and the dispatcher sounded annoyed that I had called. I heard her broadcast my info that the suspect was "supposedly" in such-and-such and area, with a tone that implied that she didn't think this was reliable info. I've also had a dispatcher act this way while I was calling in a reckless/drunk driver on ham 2-meter autopatch. I got the impression they thought I was sticking my nose in where it didn't belong.

--
David L. Carmean, WB6YZM. Santa Barbara, California, USA
carmean@coyote.rain.org, usapmdlc@ibmmail.com (work-related junk)

4045. Monitor the World

Newsgroup: rec.radio.scanner
Date: 1994-05-23 07:05:13 UTC
From: Rickey.Stein@illusion.metronj.org
Message-ID: <d2d_9405231103@nisc.fidonet.org>
Source record: 274118

Sorry, but MTW covers everything but the US and Canada.

Rickey Stein
International Editor, RCMA

4046. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 07:17:14 UTC
From: dseitel@crl.com
Message-ID: <2rpl9q$ep3@crl2.crl.com>
Source record: 274094

While not directly scanner related, I've twice had the same kind of frustration calling 911 dispatchers.

I once called in a roof fire I could see about a third of a mile away. I could see it because my house was somewhat higher than the others. I was asked for the address, but couldn't give the number. The dispatcher could not understand how I could see the fire but not know the house number. My explanation didn't suffice, even though I could accurately describe the house. No fire assistance came. The owner finally put the fire out himself.

Another time I lived in a two-story condo right next to a freeway (not recommended!). I saw an multilple-vehicle accident one rainy evening commute and called it in. Was I on a car phone? Nope. Well, how could I see the accident? When I explained, there was a pause. After a second caller (going by what I heard on the scanner), they dispatched. There were injuries.

I guess they get a lot of crank calls, but I don't see why it should be such a wrestling match when you call in.

David Eitelbach
--
"Old people like to give good advice as solace for no longer being able to provide bad examples."
--La Rochefoucauld

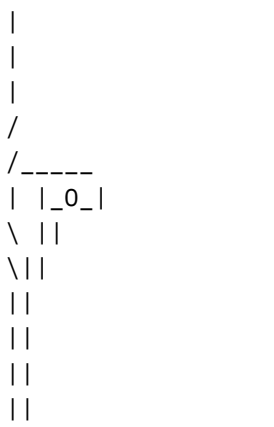
4047. Freeway Video Cameras (Houston)

Newsgroup: rec.radio.scanner
Date: 1994-05-23 07:18:10 UTC
From: fontenot@actlab.rtf.utexas.edu
Message-ID: <2rplbi$aek@geraldo.cc.utexas.edu>
Source record: 274096

hello,

Does anyone know anything about the video cameras which are being installed on the major freeways around Houston, TX? They are mounted on poles and have an antenna about half a meter in length. I know these are being installed by Metro, but they are not very forthcoming with information about the system.

They look a bit like this: (Note the distinctive antenna)



All I know is that they are video cameras and they transmit over radio frequency. I don't know if they are color or black and white, live video or slow scan, what their low light characteristics are, or what their video feeds are actually used for.

Anyone know anything?

thanks,

Dwayne Fontenot

4048. Re: Yupiteru Question

Newsgroup: rec.radio.scanner
Date: 1994-05-23 07:24:32 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May23.072432.5838@hpcvaac.cv.hp.com>
Source record: 274097

stephenx1@aol.com (Stephenx1) writes:
: In article <2rgdtd$r0f@ionews.io.org>, gesman@io.org (Gleb Esman)
: writes:
:
: Thanks for the reply! The Yupi scans the 800-900+ Mhz. frequecies at
: 10 Khz. steps while the Rat Shack (Radio Shack) scanners scan at 12.5
: Khz. I have set 5 units to the same frequency with the result I
: mentioned in my first query. Does this information help make the
: problem clearer?

Hm. I believe you are thinking about the Bearcat models. The Radio
Shack scanners use 30 KHz steps in the cellular segments.

Bill

4049. Re: Regency 4030 Headphone Jack

Newsgroup: rec.radio.scanner
Date: 1994-05-23 08:19:13 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.229.0008523C@ccm.hf.intel.com>
Source record: 274104

In article <1994May20.232246.1@clstac> sbcaron@csupomona.edu (Stephen Caron, Roaming the Internet) writes:

> Hi there,

> I have a Regency 4030 handheld and I was trying to find an adapter for its
>earphone jack so I could use headphones instead of the supplied earplug. The
>jack is unusualy small, smaller than the 3.5mm jack on most radios. Does rat
>shack have what I need? (part no?) I have tried a few places and they dont
>have the proper adapter. Thanks.

I used to have that radio. RS does sell an adaptor, I used one with
mine. I think it is 2.5mm to 3.5mm (2.5 male to 3.5 female). Sorry don't
know the part number.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4050. Re: Where find call codes?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 08:28:18 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.230.0008790C@ccm.hf.intel.com>
Source record: 274103

In article <2rl5cg$oia@search01.news.aol.com> larryt1025@aol.com (LarryT1025) writes:

>Is there a book which lists the call codes used in police/fire
>communications? If not - how can you get a hold of them for your
>area?

Monitor America has many codes for many areas of the country, but if you will post what area you are interested in, I'm sure someone out there would be able to provide more info fir you.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4051. SW RADIO FOR GAZA

Newsgroup: rec.radio.scanner
Date: 1994-05-23 08:54:00 UTC
From: tom.lackamp@vidgame.com
Message-ID: <ce.4410.696.0NCCBB68@vidgame.com>
Source record: 274098

b>I am a newspaper reporter, about to be posted to the Middle East, and
b>I want an
b>easily portable shortwave radio for listening to BBC, Israel Army
b>radio and so on.

Bart,

Some years ago, I took several long business trips to Israel.
At that time, I carried a Sony IC-2010 with me. For a suitcase
portable, I can highly recommend this radio.

In addition to a fine SW broadcast receiver, this radio also
lets you listen to the VHF-aircraft band. This feature is really
handy for those long layovers. (If you fly TWA to Tel Aviv, you can
expect up to a five hour delay in Paris.) The SSB performance is
more than acceptable, save for a front end that overloads easily,
if you'd like to check out the HF aircraft and utility bands, or when
you have a weak SWBC station to pull out of the mud.

This radio is relatively inexpensive and very rugged.

Good luck on your trip. Keep your head down!

Best,

Tom Lackamp - San Mateo, Ca
tom.lackamp@vidgame.com

• CMPQwk #1.4• UNREGISTERED EVALUATION COPY

4052. AR3000A earphone jack??

Newsgroup: rec.radio.scanner
Date: 1994-05-23 09:11:33 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.231.0009318C@ccm.hf.intel.com>
Source record: 274108

So what's the deal with the front mounted earphone jack on the AR3000A? The rear speaker jack works fine for an earphone, but the front jack is not normal. If I plug it all the way in, there is no sound. If I pull the plug most of the way out it will work, but then it pops out. Is this jack non-standard? I tried stereo headphone and it works on one side. Am I supposed to get earphone with a short plug?

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4053. Re: Yupiteru Question

Newsgroup: rec.radio.scanner
Date: 1994-05-23 09:27:02 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.232.000973A8@ccm.hf.intel.com>
Source record: 274110

In article <2rgdtd$r0f@ionews.io.org> gesman@io.org (Gleb Esman) writes:

>In article <2reqfd$c9f@search01.news.aol.com>,
>Stephenx1 <stephenx1@aol.com> wrote:
>>I have a Rat Shack PRO-46 and a Yupi MVT-7100 (among others). My
>>question concerns the frequencies displayed in the 800-900 mhz. area.
>>I receive identical transmissions on both units but at different
>>frequecies. Any ideas?

>You must be more specific. I'd say Yupiteru is more trustee unit.
>Second you mentioned "among others". Does others receive this range?
>Put 3 units on the same frequency and compare result.
>If you don't have 3-rd unit in that range try to set some cellphone channel
>on both units. Ideally you must hear the same on both. If one unit is bad
>the bad one won't give you any voice. Unless the bad one has a frequency
>mistake, which is even to 30 kHz, what would be very strange.

I don't know if this helps any, but I was looking for cellular control channels very near the tower once, and I noticed that my Icom 2SRA would show a S-meter reading higher 10KHz off frequency. I'm not sure exactly why, but I assume it was because of de-sense. If you are too close to the transmitter, that might be one explanation of your findings.

My guess is that one of your radios may be mis-aligned.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4054. Info needed about digital voice scrambler

Newsgroup: rec.radio.scanner
Date: 1994-05-23 09:49:58 UTC
From: paek@cis.ohio-state.edu
Message-ID: <2rpu86INNmms@iguana.cis.ohio-state.edu>
Source record: 274099
Cross-posted to: rec.radio.scanner,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

I'd like to receive any info about the (digital) voice scrambler.

If you know any articles, books, products, etc.,
I'd be much appreciated if you e-mail them to me.

Thanks.

---
e-mail: paek@cis.ohio-state.edu

4055. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 12:59:36 UTC
From: jkearman@arrl.org
Message-ID: <1994May23.125936.2164@arrl.org>
Source record: 274116

Duane P Mantick (wb9omc@constellation.ecn.purdue.edu) wrote:

: And Jim - you'll be happy to know that wb9omc is now an NRA member.
: But you *still* won't get me into the ARRL, for the short term.... :-)

We'll just have to get along without you, I guess.

: Now ARRL will start looking much MUCH more attractive if they start
: working to repeal BOTH the scanner law AND the ECPA, which I
: have now nicknamed:

: the "Electronic Communication Piracy Act"

Gee, you mean you'll honor us with your thirty bucks if we will
just support your sacred cows? There's no reason why the HT
manufacturers can't continue to include 850-MHz coverage while
blocking 868-896 MHz coverage. Radio Shack scanners do it, why
can't the HTs?

Sorry, nobody has convinced me that there's any reason for ARRL
to work for repeal of ECPA or the scanner ban. You can rest
assured that, even without Wayne, we will continue to diligently
represent Amateur Radio interests, as we have for over 75 years.
With any luck, we'll also avoid sticking our noses where they
don't belong.

Why doesn't somebody start a national scanning organization to
represent scanner owners?

73

Jim, KR1S
I didn't vote for the president, but I'm not renouncing my citizenship.

4056. Re: Freeway Video Cameras (Houston)

Newsgroup: rec.radio.scanner
Date: 1994-05-23 13:03:42 UTC
From: andym@hq.af.mil
Message-ID: <2rq9je$bs2@hq.hq.af.mil>
Source record: 274101

In article <2rplbi$aek@geraldo.cc.utexas.edu>
fontenot@actlab.rtf.utexas.edu (Dwayne Jacques Fontenot) writes:
> hello,
>
> Does anyone know anything about the video cameras which are being
installed
> on the major freeways around Houston, TX? They are mounted on poles and
have
> an antenna about half a meter in length. I know these are being
installed by
> Metro, but they are not very forthcoming with information about the
system.
>
> They look a bit like this: (Note the distinctive antenna)
>
> |
> |
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> ||
>
> All I know is that they are video cameras and they transmit over radio
> frequency. I don't know if they are color or black and white, live video
or
> slow scan, what their low light characteristics are, or what their video
> feeds are actually used for.
>
> Anyone know anything?
>
> thanks,
>
> Dwayne Fontenot
>

In DC, these cameras are al over the place. For the morning/evening
newscasts, you can see the images from these cameras. They monitor rush
hour congestion. As far as I can tell, they are live video, B/W. I have

no idea how the video signal is transmitted.

Anyway, stay tuned to local news when the system is up and running.

--
Lt Andy McConnell Communications Engineer
andym@hq.af.mil 7th Communications Group, USAF, Pentagon
---NeXTMail accepted and encouraged---
(Opinions expressed are solely those of the author and not the USAF)

4057. Re: 494.937 Cable Service?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 14:32:48 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.235.000E8C67@ccm.hf.intel.com>
Source record: 274033

In article <2rm232$d32@c3po.jvnc.net> peter_thompson@walnut.prs.k12.nj.us (Peter C. Thompson) writes:

>So- is there any way to tell if I am hearing the correct frequency or
>an image? I am also probably misunderstanding how the IF multiples
>work: what is the correct way to determine the actual frequency?

>And finally, is 494.937 actually licensed for business use perhaps? Is
>there a good source for the FCC allocations somewhere?

I find the best way to verify frequencies is to tune in with a second radio (different brand/model) and see if the signal is still there. You could be receiving an image of a harmonic!! (there are lots of possibilities).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4058. Re: Info needed about digital voice scrambler

Newsgroup: rec.radio.scanner
Date: 1994-05-23 14:50:05 UTC
From: exe02594@char2.vnet.net
Message-ID: <2rqfqt$h66@char2.vnet.net>
Source record: 274105
Cross-posted to: rec.radio.scanner,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

You aren't SUPPOSED to scramble on ham frequencies.

4059. Re: can some PRO-43's be modified, some not?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 15:09:39 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-230592080924@lisaraip6.llnl.gov>
Source record: 274107

In article <2rodrg$hh1@rainbow.sosi.com>, jdewitt@rainbow.sosi.com (Jeff Dewitt) wrote:
>
> Is there any truth to the statement that some PRO-43's can be modified,
> and some not. I had a PRO-51, and I just returned it and got a PRO-43.
> The model number is 20-300. I can't seem to find any date of
> manufacture, so who knows? Is this scanner modifiable, and if so, how
> does one go about doing this. I only have limited experience with
> soldering and stuff. Still doing that school thing. I dl'd some mods

The restorable PRO-43 is a model # 20-300, the non-restorable model is a 20-300A. I am not sure if the 'A' version has been released yet. The unit I saw was undergoing testing.

Gary

Gary Ross
Shot Director ROSS@NOVAX.LLNL.GOV
Nova Laser Operations ROSSMAN@AOL.COM
Lawrence Livermore National Lab ROSSMAN@EWORLD.COM
P.O. Box 808 L-489
Livermore, CA 94551

4060. Re: can some PRO-43's be modified, some not?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 15:13:22 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May23.101322.2370@hnrc.tufts.edu>
Source record: 274106

In article <2rpf9t$im@rainbow.sosi.com>, jdewitt@rainbow.sosi.com (Jeff Dewitt) writes:
> The serial number is 064855. Damn, I hope I didn't by the better scanner
> for nothing. Thanx for any help.

To date, the highest serial number that has been reported modified is 067473.
I have not seen the unit myself, but have no reason to think the case is being misrepresented.

4061. Re: can some PRO-43's be modified, some not?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 15:27:07 UTC
From: shc@mt747.att.com
Message-ID: <Cq9HL8.4GD@nntpa.cb.att.com>
Source record: 274113

In article <1994May23.101322.2370@hnrc.tufts.edu>, jerry@hnrc.tufts.edu (Jerry Dallal) writes:
|> Xref: nntpa rec.radio.scanner:5855
|> Path: nntpa!att-in!fnnews.fnal.gov!nntp-server.caltech.edu!netline-fddi.jpl.nasa.gov!elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!howland.reston.ans.net!gatech!news-feed-1.peachnet.edu!news.duke.edu!eff!news.kei.com!uhog.mit.edu!xn.ll.mit.edu!noc.near.net!new|>
s.tufts.edu!news.hnrc.tufts.edu!jerry
|> From: jerry@hnrc.tufts.edu (Jerry Dallal)
|> Newsgroups: rec.radio.scanner
|> Subject: Re: can some PRO-43's be modified, some not?
|> Message-ID: <1994May23.101322.2370@hnrc.tufts.edu>
|> Date: 23 May 94 10:13:22 -0500
|> References: <2rpf9t$im@rainbow.sosi.com>
|> Organization: USDA HNRC at Tufts University
|> Lines: 7
|>
|> In article <2rpf9t$im@rainbow.sosi.com>, jdewitt@rainbow.sosi.com (Jeff Dewitt) writes:
|> > The serial number is 064855. Damn, I hope I didn't by the better scanner
|> > for nothing. Thanx for any help.
|>
|> To date, the highest serial number that has been reported modified is 067473.
|> I have not seen the unit myself, but have no reason to think the case is being
|> misrepresented.

I recently brought a PRO-43 from Marymack Distributing (Texas) and the saleperson
told me that this unit is modifible. The serial number is 074588.

==========
Stephen Chu
AT&T Bell Labs
Holmdel, New Jersey USA Email: shc@mt747.att.com
==========

4062. Ham Radio related Web sites file

Newsgroup: rec.radio.scanner
Date: 1994-05-23 15:36:19 UTC
From: wy1z@kappa.coe.neu.edu
Message-ID: <WY1Z.94May23113619@kappa.coe.neu.edu>
Source record: 274112
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,alt.radio.scanner,rec.radio.scanner

I have compiled a listing of Ham Radio related World Wide Web sites on the Internet.

The file is called sites.www, and is located on Oakland in /pub/hamradio/docs/misc

Please enjoy it.

73,
Scott

--
```
================================================================================
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na |
|------------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| oak.oakland.edu - /pub/hamradio |
================================================================================
```

4063. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 15:40:01 UTC
From: jqtaylor@boi.hp.com
Message-ID: <Cq9I6q.Mvq@boi.hp.com>
Source record: 274109

David S. Eitelbach (dseitel@crl.com) wrote:
: While not directly scanner related, I've twice had the same kind of
: frustration calling 911 dispatchers.
: ...

Remember though, it's all on tape. If there's a real emergency and the dispatcher does not take you seriously, you could "Rodney King" him or her later on.

--

__
John Quill Taylor / /\
Writer at Large / / \
Hewlett-Packard, Storage Systems Division __ /_/ /\ \
Boise, Idaho U.S.A. /_/\ __\ \ _\ \
e-mail: jqtaylor@hpdmd48.boi.hp.com \ \ \/ /\\ \ \/ /
Telephone: (208) 396-2328 (MST = GMT - 7) \ \ \/ \\ \ /
Snail Mail: Hewlett-Packard \ \ /\ \\ \ \
11413 Chinden Blvd \ \ \ \ \\ \ \
Boise, Idaho 83714 \ \ _\/ \ \ \
Mailstop 430 \ \ \ _\/
_\/
"When in doubt, do as doubters do." -jqt

4064. Re: WANTED: BC200XLT docs

Newsgroup: rec.radio.scanner
Date: 1994-05-23 16:15:04 UTC
From: scrooge@moneybin.equinox.gen.nz
Message-ID: <TVasmc3w165w@moneybin.equinox.gen.nz>
Source record: 274042

mike@Hopper.itc.Virginia.EDU (Mike Chapman) writes:

> I would really appreciate some scanned or typed BC200XLT docs if anyone
> can provide them or pointers to them. Thanks!

Please post them.

Glenn.

Glenn Murphy. +64 3 3811862. 1 Traynor Lane
Avonside
Christchurch 8006
New Zealand.

4065. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 16:55:48 UTC
From: annabs@u.washington.edu
Message-ID: <2rqn6k$b18@news.u.washington.edu>
Source record: 274115

I have personally assisted with 3 incidents, all involving drunk drivers who the police were searching for. One, in particular, had done considerable damage to numerous parked cars. I also have a cellular phone, so the call was an easy one to make.

Neil Scott
neilscott@aol.com

4066. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 17:12:40 UTC
From: weisen@alw.nih.gov
Message-ID: <1994May23.171240.22293@alw.nih.gov>
Source record: 274114

Steven Bradley (steven@sgb.oau.org) wrote:
: [4] Lastly, when we have determined the above, address to order
: the parts to repair the now "broken" radios? There must be
: a place these parts can be ordered from. Remember, its not
: illegal to order the parts! FCC has no jursidiction over
: MPU capabilities and U.S. sales of!

People have been tossing this "replacement MPU" theory around quite a bit lately. Does anyone have any hard info on the subject? What makes everyone think that the replacement parts won't just be the new (i.e. "locked-out") MPU (if it's pin-compatible with the old one)? The availability of un-locked-out CPU units for a given radio would *seem* to make that radio easily modifiable and therefore illegal under the new law. I would *think* that the radio companies would avoid this by not making the un-locked-out CPU's available. The FCC, therefore, would have indirect control over the sale and manufacture of such units.

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: 301/402-4030
Bethesda, MD 20892 Fax: 301/402-2867

4067. BBS with Scanner File Forum

Newsgroup: rec.radio.scanner
Date: 1994-05-23 18:32:04 UTC
From: Jay_Appell@cac.stratus.com
Message-ID: <2rqsr4$ico@transfer.stratus.com>
Source record: 274117

CMP BBS 508-478-9200 24hr

Large Scanner and Ham File Forum...FYI

4068. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 18:55:11 UTC
From: jkearman@arrl.org
Message-ID: <1994May23.185511.6950@arrl.org>
Source record: 274122

Neil Weisenfeld (weisen@alw.nih.gov) wrote:

: People have been tossing this "replacement MPU" theory around quite a
: bit lately. Does anyone have any hard info on the subject? What makes
: everyone think that the replacement parts won't just be the new (i.e.
: "locked-out") MPU (if it's pin-compatible with the old one)? The
: availability of un-locked-out CPU units for a given radio would *seem*
: to make that radio easily modifiable and therefore illegal under the
: new law. I would *think* that the radio companies would avoid this by
: not making the un-locked-out CPU's available. The FCC, therefore,
: would have indirect control over the sale and manufacture of such
: units.

FCC hasn't been able to define "easily modifiable" too clearly,
but they did mention that clipping diodes or cutting out resistors
to open up the frequency range would be considered "easy."

A multipin MPU soldered to a circuit board MIGHT be considered too
hard to replace for most people; one that dropped into a socket
wouldn't be hard to replace.

A technically oriented net.reader should prepare an article NOW
on how to replace surface-mounted ICs, and send it to MT or
Pop Com (or both!). Just make it look hard....

Good listening.

Jim

4069. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 19:54:43 UTC
From: jhanson@yar.cs.wisc.edu
Message-ID: <2rr1m3$huj@spool.cs.wisc.edu>
Source record: 274119
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

In article <1994May22.223651.7848@yvax.byu.edu>,
<johnsonk1@yvax.byu.edu> wrote:
>The other day I was listening to the local police who were searching for some
>bad guy in an old green Chevy truck. My wife was leaving to run an errand, so I
>said, "If you see an old green Chevy truck, stop and call the cops." I was just
>kidding around, but that got me wondering if the police ever get help from
>people who are monitoring on their scanners. It seems like the trend is for the

One night (actually about 2AM) I was heading home and there was a car ahead of me. The operator acted in a drunk manner, weaving etc. In the distance, a town police cruiser had a vehicle stopped. The drunk driver didn't seem to notice the squad, and the officer (who was speaking to the stopped driver) had to jump away to avoid being hit. I then followed the drunk driver for a while. In a short time, I saw the town squad in my rear view mirror and recognized the officer from high school. I then picked up my ham radio, dialed the county dispatch on the autopatch and told the operator, "This is Winnebago RACES operator 69, if you would, notify X-Ray 52 that the vehicle two ahead of his is the one that he is looking for." Her response was "Ah, okay, thanks for calling." I then switched the radio to the police freq in time to hear "X52, be advised that the vehicle two ahead of you is the one you want." He said, "Huh? Oh, I get it, 10-4." And, it took all of about two seconds for the old red and blue to go on and the squad car to fly by (with the officer giving me a wave.)

So, that is sort of a scanner story.

And, I am going to send this to rec.radio.amateur.misc (as well) for comments on proper use of autopatch, etc.
--
Jason J. Hanson | 22 Langdon Street #220 | (608) 256-1004
Univ. of Wisconsin | Madison, WI 53703-1344 | Ham: N9LEA (Extra)
-- jhanson@yar.cs.wisc.edu =+++= n9lea@wd9esu.#scwi.wi.usa.noam --

4070. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 19:56:54 UTC
From: jhanson@yar.cs.wisc.edu
Message-ID: <2rr1q6$hup@spool.cs.wisc.edu>
Source record: 274120

David S. Eitelbach <dseitel@crl.com> wrote:
>Another time I lived in a two-story condo right next to a freeway
>(not recommended!). I saw an multilple-vehicle accident one rainy
>evening commute and called it in. Was I on a car phone? Nope.
>Well, how could I see the accident? When I explained, there was a
>pause. After a second caller (going by what I heard on the scanner),
>they dispatched. There were injuries.

This may be a regional thing, because I used to live in an 18 story building
that overlooked several freeways in Milwaukee, and the dispatchers there were
always grateful acting...
--
Jason J. Hanson | 22 Langdon Street #220 | (608) 256-1004
Univ. of Wisconsin | Madison, WI 53703-1344 | Ham: N9LEA (Extra)
-- jhanson@yar.cs.wisc.edu =*+++*= n9lea@wd9esu.#scwi.wi.usa.noam --

4071. World Cup Frequencies at Pasadena

Newsgroup: rec.radio.scanner
Date: 1994-05-23 19:58:56 UTC
From: OKLEBERR@connect4.slc.paramax.com
Message-ID: <sde0a92f.001@connect4.slc.paramax.com>
Source record: 274121

Next month, I will be in Pasadena to see the World Cup. I am looking
for Rose Bowl frequencies and local radio stations frequencies.
Thanx.

Jeff Okleberry
OKLEBERR@connect4.slc.paramax.com
Go USA!!!!!

4072. Scanning 2-way radios

Newsgroup: rec.radio.scanner
Date: 1994-05-23 21:00:48 UTC
From: pclark@lynx.dac.neu.edu
Message-ID: <2rr5i0$c27@chaos.dac.neu.edu>
Source record: 274026

I work in eastern Mass and currently have a Yaesu FTH-2070. I'm looking to replace it with a new portable. I'm looking for something that will scan certain preprogrammed frequencies, as well as broadcast on the freqs that are owned by the people I work for. Preferably this new radio would be keyboard reprogrammable, but computer IF is alright (assuming it's available here, unlike the one for the Yaesu...). Any ideas?

--
Peter Clark - pclark@lynx.dac.neu.edu
+ Empire - it's not just a game, it's an adventure
+ EMACS is computereez for a torture device

4073. re:freeway video cameras

Newsgroup: rec.radio.scanner
Date: 1994-05-23 21:13:28 UTC
From: jdewitt@rainbow.sosi.com
Message-ID: <2rr69o$lgu@rainbow.sosi.com>
Source record: 274029

I live in Colorado Springs, and they just put some cameras out by the Air Force academy. From what we have been able to get, they film you with the first camera, then film you at a second camera further down the highway. Then they compute how long it took for you to get there, dtermine if you were speeding, and if so they have your liscense(sp) plate number on film; you get a nice speeding ticket in the mail a few days later. Apparently this is all computerized. Quick, and safer for the cops. A number of them have been hit on I-25 while giving tix, this way they don't have all the expense involved with human monitoring of the traffic. Also, the cameras are used to monitor spots deemed unsafe on freeways, to see how accidents happen.

hope this helps a little...again, this wasn't officially announced or anything, so it is somewhat subjective!!

jeff
--
^^

jdewitt@sosi.com
jdewitt@ctnet.org
^^

4074. Sam Boyd Stadium(UNLV) freqs???

Newsgroup: rec.radio.scanner
Date: 1994-05-23 21:16:12 UTC
From: jdewitt@rainbow.sosi.com
Message-ID: <2rr6es$llv@rainbow.sosi.com>
Source record: 274030

```
Does anyone have any idea what frequency the cops and security at the
Silver Bowl would use during a concert. We are going to see the Dead
there, and I thought it would be cool to bring the scanner, and listen
to the different busts, and undercover operations in the parking lot.

thanx..jeff
--
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
jdewitt@sosi.com
jdewitt@ctnet.org
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
```

4075. Colorado CO, help...

Newsgroup: rec.radio.scanner
Date: 1994-05-23 21:22:07 UTC
From: jdewitt@rainbow.sosi.com
Message-ID: <2rr6pv$lo3@rainbow.sosi.com>
Source record: 274031

```
--
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
jdewitt@sosi.com
jdewitt@ctnet.org
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
```

4076. Decoding Pager signals

Newsgroup: rec.radio.scanner
Date: 1994-05-23 21:27:56 UTC
From: tsa@cellar.org
Message-ID: <05Rsmc3w164w@cellar.org>
Source record: 274123

I have a Scanner and a pager, and I noticed the frequency listed on the back of the pager, so tuned in. I heard the beeps and scratching of digital data being transmitted. Recording to disk and looking at the waveform, parts looked like a stereotypical bit stream, with 1s and 0s showing on the amplitude.

I'd like to be able to extract from the audio data the pager serial # and information, so I could have the computer know when I receive pages. Does anyone know the format of this data? What's FSK?

Patri Friedman
Drink Canada Dry! You might not succeed, but it *is* fun trying.
Support your local police force -- steal!!
I aim for the stars, but sometimes I hit London. --- Wernher Von Braun

4077. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 22:11:55 UTC
From: johng@ecs.comm.mot.com
Message-ID: <johng-230594171155@johng.comm.mot.com>
Source record: 274041

I once called the local sherrifs office to relay an ambulance call into their dispatch center.

The ambulance was obviously in a dead spot that the SO's satellite receivers couldn't hear. I could hear him calling his dispatcher several times. I phoned the dispatcher and the dispatcher was able to hear the mobile via our telephone connection. The base to mobile link was fine, so the dispatcher listened to his ambulance on my scanner and talked back out on his transmitter.

Another example where "in the clear" was to the SO's advantage.
--
John Gilbert johng@ecs.comm.mot.com KA4JMC

4078. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 22:20:15 UTC
From: mjh@stekt9.oulu.fi
Message-ID: <MJH.94May24012015@stekt9.oulu.fi>
Source record: 274044

In article <Cq9I6q.Mvq@boi.hp.com> jqtaylor@boi.hp.com (John Quill Taylor) writes:
> Remember though, it's all on tape. If there's a real emergency and the
> dispatcher does not take you seriously, you could "Rodney King" him or
> her later on.

Well, they have the tape and you don't. Unless you taped the call
too. I guess erasing parts of the tape isn't too difficult for the
dispatchers. In any case, I would feel I was going way out on a limb
in trying to pull such a "Rodney King" stunt on them without a proof
of my own.

Mauri

4079. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-23 23:03:43 UTC
From: steinr@ucs.orst.edu
Message-ID: <2rrcof$b4p@gaia.ucs.orst.edu>
Source record: 274124

In article <1994May22.223651.7848@yvax.byu.edu>,
<johnsonk1@yvax.byu.edu> wrote:
>The other day I was listening to the local police who were searching for some
>bad guy in an old green Chevy truck. My wife was leaving to run an errand, so I
>said, "If you see an old green Chevy truck, stop and call the cops." I was just
>kidding around, but that got me wondering if the police ever get help from
>people who are monitoring on their scanners. It seems like the trend is for the
>government to try to restrict scanning of police and similar frequencies,
>with the idea that it is harmful, but I'd bet that sometimes it has been
>helpful to have people listening in--especially when they're looking for
>someone.
>
>My wife never saw the green Chevy, but I would be interested in hearing
>about it if anyone has ever been able to help the police thanks to some-
>thing they heard while scanning.
>
>

I work for the local campus security/state police. I call stuff in on
occasion when off duty. They are quite appreciative of it.

Fight for your scanning rights! :^)
--
_____________________________________ |C
RAY STEIN -- N7RET __B_|/
OSU Electrical Engineering |\
|E

4080. HB-232 Software bug

Newsgroup: rec.radio.scanner
Date: 1994-05-23 23:15:04 UTC
From: Rickey.Stein@illusion.metronj.org
Message-ID: <d98_9405240935@nisc.fidonet.org>
Source record: 273987

Jeff wrote:

From : JEFFG@LOKI.ENGR.SGI.COM 1:107/10 Number : 205 of 205
To : RICKEY STEIN 1:107/102 Date : 05/14/94
5:08am
Subject : Re: HB-232 Software Inter Reference : NONE
Read : 05/14/94 2:19pm Private : YES
Conf : 020 - *******(NETMAIL)*******

From: jeffg@loki.engr.sgi.com (Jeff C. Glover)

> [bug in released software]

Nahhhh - software _never_ has bugs... :-)

Please, elaborate on the bug on rec.radio.scanner!

Jeff

I received the following reply from Bill Check who developed the
product:

Well, the fellow says he has "the latest release" but he doesn't say
which
version. There are no bugs in the latest commercial release 1.3 of the
HB-232
software nor 1.0 of the CE-232. More than likely, that's what he's
using. If
he has the freeware release, then I'd need to know the version number so
I can
check. The freeware version was not released by me and I do not
officially
support it because of the bugs and slip-shod manner by which George
Steidley
prepared it in his slimeball effort to stick it to me. That version is
George's to support.....as you will recall his promise to do so
here.....and
you will note he's not been seen since.

George had no long term commitment to anything other than to cause
problems for
me. Whether he intentionally created the bugs in his shareware release
as a
part of that scheme or not, I don't know. Could have been an accident,
though
it doesn't seem so. Anyway, ask this fellow what release version he is
using

and I may be better able to advise.....

Bill

(1:202/731)

4081. Ham and Scanner flea Markets

Newsgroup: rec.radio.scanner
Date: 1994-05-23 23:58:04 UTC
From: fcarter@aludra.usc.edu
Message-ID: <2rrfuc$ji7@aludra.usc.edu>
Source record: 274032

Does anyone have any information dealing with ham and/or scanner flea markets in Los Angeles CA? Also these special ones the one at TRW and Henery's radio? If you do please state the location phone number date day time. Thanx in advance.

Please e-mail me

Evan Carter

4082. AR1500

Newsgroup: rec.radio.scanner
Date: 1994-05-24 00:27:00 UTC
From: Brian.Flues@f239.n109.z1.fidonet.org
Message-ID: <caa_9405232035@blkcat.fidonet.org>
Source record: 274034

Does anybody know of a speedup mod for the AR1500 I'm learning to love
this little bugger but it is rather SLOW! Any help would be apprecited.

***
* SLMR 2.1a * On a clear disk you can seek forever

Fidonet: Brian Flues 1:109/239
Internet: Brian.Flues@f239.n109.z1.fidonet.org

4083. Re: Info needed about digital voice scrambler

Newsgroup: rec.radio.scanner
Date: 1994-05-24 00:34:14 UTC
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Message-ID: <1994May24.003414.18499@mixcom.mixcom.com>
Source record: 274037
Cross-posted to: rec.radio.scanner,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment

In <2rqfqt$h66@char2.vnet.net> exe02594@char2.vnet.net (exe02594) writes:

>You aren't SUPPOSED to scramble on ham frequencies.

I don't think the original post was by a ham.

Anyway, once you go digital, there are all sorts of ways to scramble.
It was not clear to me exactly what the poster wanted. Books on
how to do a simple DtoA and AtoD conversion? Books on introductory
cryptography?? How to apply a digital bit-stream to an NFM modulator?
What do you want??

As I understand Part 97, it is illegal to encrypt on the amateur
bands if the intent is to hide or obscure the content of the
information. What if one's intent is just to "study" cryptography
as applied to RF communication? ;-))

--
/`-_ kevin.jessup@mixcom.com | Vote Libertarian!
{ }/ |
\ / N9SQB, ARRL, Amateur Radio | Call 1-800-682-1776
|__*| N9SQB @ WA9POV.#MKE.WI.USA.NA | for more information.

4084. Re: Freeway Video Cameras

Newsgroup: rec.radio.scanner
Date: 1994-05-24 00:39:00 UTC
From: Brian.Flues@f239.n109.z1.fidonet.org
Message-ID: <cab_9405232035@blkcat.fidonet.org>
Source record: 274035

AN>In DC, these cameras are al over the place. For the morning/evening
AN>newscasts, you can see the images from these cameras. They monitor rush
AN>hour congestion. As far as I can tell, they are live video, B/W. I have
AN>no idea how the video signal is transmitted.

As far as I'm aware all signals in DC are transmitted to the traffic
control center located on Washington Blvd in Arlington (right across
the street from Arlington Cemetary) I though the transmison was via
hardline (same as the sign control signals) imagine if you could make
those BIG signs on I-95 say whatever you wanted!!! I've also noted that
the smaller temporary signs (generator powered) have a CELLULAR antenna
on them, the possiblities are astounding!! Wonder why no one ahs
explored this??

***
* SLMR 2.1a * All wiyht. Rho sritched mg kegtops awound?

Fidonet: Brian Flues 1:109/239
Internet: Brian.Flues@f239.n109.z1.fidonet.org

4085. Re: can some PRO-43's be modified, some not?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 01:57:47 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May23.205747.2371@hnrc.tufts.edu>
Source record: 274038

In article <ROSS-230592080924@lisaraip6.llnl.gov>, ROSS@NOVAX.LLNL.GOV (Gary Ross) writes:

> The restorable PRO-43 is a model # 20-300, the non-restorable model is a
> 20-300A. I am not sure if the 'A' version has been released yet. The unit I
> saw was undergoing testing.

Is this because there's so much existing stock that there's no need to release
a new model?

4086. Re: 494.937 Cable Service?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 02:24:21 UTC
From: sohn@ccnet.com
Message-ID: <2rrogl$jh4@ccnet.ccnet.com>
Source record: 274039

: >And finally, is 494.937 actually licensed for business use perhaps?

: No, 494.0 - 500.0 is allocated to UHF TV channel 18.

494.9375 (like many other channels between 470 and 512 MHz.) *IS*
available for land mobile use in selected areas of the US. This is called
UHF-TV Sharing and is addressed in Subpart L of Part 90 of 47CFR (the FCC
rules!).

UHF-TV Channel 18 is used for land mobile operation in Pittsburg, PA and the
Washington/Maryland/Virginia areas. The particular part of channel 18
that includes 494.9375 is used in Washington/Md/Va. It is used by the
Public Safety Pool and the General Access Pool. This means that many
different kinds of users can license on these frequencies.

The systems in the UHF-T band use a 3 MHz split. The mobile transmits 3
MHz higher than the repeater. If you are close to one of the mobiles or
a control/base station, you will be able to hear the transmissions on
497.9375 as well as being repeated on 494.9375.

My info is from the October 1989 CFR Title 47. I would guess that it is
still accurate. If anything, more sharing is being done in more areas of
the country.
--
Jim Sohn phun sohn@ccnet.com
nophun pms/s=sohn/g=jv@mhs.attmail.com
KF6NY wireless KF6NY@wd6cmu.#nocal.ca.usa.noam

4087. recording audio

Newsgroup: rec.radio.scanner
Date: 1994-05-24 02:56:07 UTC
From: bm495@cleveland.Freenet.Edu
Message-ID: <2rrqc7$4gn@usenet.INS.CWRU.Edu>
Source record: 274040

I recently bought a voice activated mini recorder and it seems to be working
ok but I run a mono cable from the earphone jack to the mic input. The
output of the earphone jack is 8 ohns and the suggested mic input is
150-600 ohms. Is there a way to match the two (transformer)?? Would
it help out the record quality?

Thanks-
David
--

EMAIL DMOORE@TSO.UC.EDU

4088. Re: SW RADIO FOR GAZA

Newsgroup: rec.radio.scanner
Date: 1994-05-24 03:40:18 UTC
From: msaran@pt.olympus.net
Message-ID: <2rrsv2$nh@olympus.net>
Source record: 274043

Eight or so years ago I took to Israel a 2010 and an early AOR with 800mz (don't remember # - it sat on a little wire stand). The 2010 was wonderful to have, but if you can only take one radio I would hate to be without VHF/UHF. I vote for the Yup 7100 if you are only planning to take one receiver - it two, you can't go wrong with the 2010 and any scanner with 800mz. BTW at customs the x-ray guy looked at me and said "two radios" I smiled big and said yes - he sent me through. The best source of information re: scanning out of USA/Canada is Rickey Stein (Rickey.Stein@illusion.metronj.org) He is the international editor for the RCMA.

-good luck
-m
--
Mark Saran
msaran@olympus.net

4089. The Magnificent Moody Blues

Newsgroup: rec.radio.scanner
Date: 1994-05-24 05:00:23 UTC
From: ej720@cleveland.Freenet.Edu
Message-ID: <2rs1l7$g6p@usenet.INS.CWRU.Edu>
Source record: 274028

This great group is coming to Cleveland.

Please, does anyone know freq. for this freq. freak?

:) :) :) :) :) :) :) :) :) :) :) :) :) :) :) :) :) :) :)

aTdHvAaNnKcSe

==========

"Try not to become a man of success"

but rather try to become a man of value."

ALBERT EINSTEIN

==========

Paul A. Valley - ej720@cleveland.freenet.edu

Valley Video - Engineered Presentation Systems

==========

:) :) :) :) :) :) :) :) :) :) :) :) :) :) :) :) :) :) :)

4090. Re: TRIDENT TR2400

Newsgroup: rec.radio.scanner
Date: 1994-05-24 05:06:45 UTC
From: danm@hebron.connected.com
Message-ID: <2rs215$f67@hebron.connected.com>
Source record: 274045

In article <769423077snz@javiaton.demon.co.uk>,
Jonathan Clough <Clough@javiaton.demon.co.uk> wrote:

>TR-2500 = AR2500

WOOF! WOOF! This one is a D-O-G! (nothing personal meant there,
Jonathan).
--
==========
+ Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ...+
+ Auburn, WA | and whoever is playing against the New York Mets! +
+ GEnie:D.MORISSEAU | INTERNET ADDRESS: danm@connected.com +

4091. Booster

Newsgroup: rec.radio.scanner
Date: 1994-05-24 06:02:00 UTC
From: michel@graff.login.qc.ca
Message-ID: <052494010218Rnf0.79b4@graff.login.qc.ca>
Source record: 274047

I'm curently use a pro2022 with a small antena on the back (i have take out the antena that come with the scanner). I'm very happy with them except that with some freq i have to set the squelch to 0 to listen them (the freq. is used by the police far from me) since i cannot instal a outdoor antena i want to buy a "booster" that plug between the scanner and the antena (the guy said me that it's adjustable from 0 to 28DB). Is it a good solution? if not what could you sugest me on the same range of price (the booster is 100$ can. aprox. 70us$)

Michel Lauzon
M.Graff

P.S. sorry for my not so good english

... Not tonight, dear. I have a modem.

Michel Lauzon michel@graff.login.qc.ca
M.Graff

4092. Re: re:freeway video cameras

Newsgroup: rec.radio.scanner
Date: 1994-05-24 06:11:22 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <1994May24.011122.1@uoft02.utoledo.edu>
Source record: 274046

jdewitt@rainbow.sosi.com (Jeff Dewitt) writes:
> I live in Colorado Springs, and they just put some cameras out by the Air
> Force academy. From what we have been able to get, they film you with
> the first camera, then film you at a second camera further down the
> highway. Then they compute how long it took for you to get there,
> dtermine if you were speeding, and if so they have your liscense(sp)
> plate number on film; you get a nice speeding ticket in the mail a few
> days later. Apparently this is all computerized. Quick, and safer for
> the cops. A number of them have been hit on I-25 while giving tix, this
> way they don't have all the expense involved with human monitoring of the
> traffic. Also, the cameras are used to monitor spots deemed unsafe on
> freeways, to see how accidents happen.
>
> hope this helps a little...again, this wasn't officially announced or
> anything, so it is somewhat subjective!!

This reminds me of the use of photo radar, and the debate over the
effectiveness of it. The major point of the debate was the camera would
take a picture of the car and license plate, and then cite the owner of
the car, who may not be necessarily the driver of the car. Normally, the
driver of the car is cited for a speeding ticket, not the owner. Hence the
debate...

Residents of some locale were using this 'loophole' to defy this method of
enforcement. It seems they wore Halloween masks when driving past the photo
radar units! The prosecution was unable to prove who was in the car, and thus
tickets were nixed. Nevertheless, the photo radar units ticket enough people
who don't know how to fight it, and thus it generates revenue!

Anyways, getting back to scanner topics... *grin*

--
Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

4093. Re: can some PRO-43's be modified, some not?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 08:25:37 UTC
From: dan@chinook.halcyon.com
Message-ID: <2rsdm1$bkc@nwfocus.wa.com>
Source record: 274048

In article <1994May22.204604.2367@hnrc.tufts.edu>,
>What's the serial number? (It may be worthwhile for others to post
>candidates for the highest serial number of
>a modified unit. I've been told serial numbers through 52,000 are modifiable
>and I've seen units (modification status unknown) well into the 60k's before
>April 26.

I have a Pro-43 serial number 0699xx that is modifiable.
--
dan@halcyon.com
Dan & Amy Lawrence
Seattle, WA USA

4094. Frequencies wanted for Kansas

Newsgroup: rec.radio.scanner
Date: 1994-05-24 08:45:01 UTC
From: dan@chinook.halcyon.com
Message-ID: <2rseqd$c41@nwfocus.wa.com>
Source record: 274049

I will be traveling to Witchita Kansas on Wednesday 5/25/94 and I will be bringing my Pro43 with me. I am looking for any interesting frequencies to listen to. Specificly, I would like state patrol, local police, and news media. I will be staying in Derby if they have their own police department. I will have a 4 hour layover in Denver airport. Anyone have good frequenceies to listen to there?

Please Email responces and I will post a summary to rec.radio.scanner.

Thanks
--
dan@halcyon.com
Dan & Amy Lawrence
Seattle, WA USA

4095. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 09:14:05 UTC
From: vector@dorsai.org
Message-ID: <CqAuzI.KnB@dorsai.org>
Source record: 274025

In article <1994May22.223651.7848@yvax.byu.edu>,
<johnsonk1@yvax.byu.edu> wrote:
>My wife never saw the green Chevy, but I would be interested in hearing
>about it if anyone has ever been able to help the police thanks to some-
>thing they heard while scanning.
>
Well, I am really not sure about the laws in all states, but here in Oklahoma, there is some law that states you can't use ANY information gained by a scanner for personal gain...be it lawful or otherwise. I used to work for a police dept. and bought a scanner to listen in to the activities while i was off-duty. Anyways, my scanner also picked up cellular freqs. One day i overheard (by accident, mind you) an conversation that described in GREAT detail, exact plans for a drug deal that was going down that evening. Details like place, time, types of drugs, amounts of money, and how many ppl would be there. I immediately called dispatch and informed them about the drug deal and how i had received the info. I had pleanty of credentials with the dept (I worked there) and knew the dispatcher personally. But she told me that the information could not be used to help in the capture or arrest of the individuals I had heard...not even surveilance of the area! I said rather bluntly, "Couldn't an officer just ACCIDENTALLY be in the right place at the right time?" She said that would be criminal!!! (for an officer to use information gained on a LEGAL, non-modified BearCat 200XLT scanner from Service Merchandise to BUST scum-sucking ass hole that will be selling crack on elementary playgrounds next week...CRIMINAL!?!) I simply cannot understand that. I DO realize the importance of security and understand that these laws were written to help protect innocent people from being taken advantage of...but still, it seems wrong.

My point is, at least here, I have called the police on at least 5 occasions and each time they tell me that nothing can be done. So..I quit. I hope that some states Do allow you to report things that you hear, no matter what freq. you hear it on...

"Just my 1.017 cents, after taxes..." Tequila Mokingbird

4096. garfield.catt.ncsu.edu

Newsgroup: rec.radio.scanner
Date: 1994-05-24 10:32:14 UTC
From: josephl@clark.net
Message-ID: <2rsl3e$4st@clarknet.clark.net>
Source record: 274027

Whatever happen to garfield.catt.ncsu.edu FTP site? It no longer allowed
FTP? What happen to all the scanner info. on this site? Any idea(s)?

Thanks.

--

Joseph A. Liu
Baltimore Maryland USA
Internet:josephl@clark.net

4097. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 12:17:23 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2rsr8j$mn8@slinky.cs.nyu.edu>
Source record: 274053

```
|> This may be a regional thing, because I used to live in an 18 story building
|> that overlooked several freeways in Milwaukee, and the dispatchers there were
|> always grateful acting...

Could be. I was almost run off the road by a woman driving
recklessly once so I attempted to follow her short of
becoming reckless myself (I didn't follow her as she
passed on the shoulder of a one-lane-each-way roadway).
At the fastest, we were hitting the mid 70's in a 50 zone.

I knew she was heading into a town where all of the police
officers bought and installed cb radios in their own patrol
cars, so I began calling on 9. As we approached my exit,
I had just established contact with an officer and notified
him of her direction and potential location. We were separated
by mountains so the reception was going. The officer heard the
roadway and direction, but didn't get the descrip of the car.
I punched it to my house and immediately dialed dispatch.

"911 Emergency"
"Hi Hunterdon, I was just in radio contact with a 46 car--
I was following a reckless driver north on 31 approaching
Clinton Township; stand by for a plate."
"Go ahead."
"Pennsylvania, XXX-XXX, light blue oldsmobile wagon, one black
female occupant."
"Call back?"
"XXX-XXXX; thanks."
[click]

A few minutes later the officer I spoke with called me at my
house to thank me for sticking with her and calling dispatch
to make sure the details went out. He found her--she was
passing on the shoulder again as he was pulling up behind
her. He asked me to testify if she plead not guilty and I agreed.

He said he owes me one. I'd say that's grateful.;)
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com
```

4098. Pro 43 problem

Newsgroup: rec.radio.scanner
Date: 1994-05-24 12:42:17 UTC
From: reda@gandalf.rutgers.edu
Message-ID: <May.24.08.42.16.1994.12528@gandalf.rutgers.edu>
Source record: 274036

I bought a Pro 43 a few months ago. All in all, I like it, but I have one complaint. In the range from 155-156 Mhz I frequently hear 'data-like' transmissions. They appear to be 'bleeding' in from adjacent freqs, because they are never actually clear on their own, and they only occur when I have legitimate carrier on any of the freqs in that range.

Can anyone tell me what this is? And, is this a function of the scanner's selectivity?

TIA,
FRank

--
Frank J. Reda, Assistant Director, Rutgers University Computing Services
reda@gandalf.rutgers.edu

4099. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 12:45:34 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2rsste$icq@bigfoot.wustl.edu>
Source record: 273820

Tequila Mokingbird (vector@dorsai.org) wrote:
: bluntly, "Couldn't an officer just ACCIDENTALLY be in the right place at
: the right time?" She said that would be criminal!!! (for an officer to
: use information gained on a LEGAL, non-modified BearCat 200XLT scanner
: from Service Merchandise to BUST scum-sucking ass hole that will be
: selling crack on elementary playgrounds next week...CRIMINAL!?!) I simply
: cannot understand that. I DO realize the importance of security and
: understand that these laws were written to help protect innocent people
: from being taken advantage of...but still, it seems wrong.
:
: My point is, at least here, I have called the police on at least 5
: occasions and each time they tell me that nothing can be done. So..I
: quit. I hope that some states Do allow you to report things that you
: hear, no matter what freq. you hear it on...
:
What happened to anonymous tips???

4100. Re: can some PRO-43's be modified, some not?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 13:39:49 UTC
From: cal@ee.ryerson.ca
Message-ID: <2rt035$jq7@hermes.acs.ryerson.ca>
Source record: 274051

Gary Ross (ROSS@NOVAX.LLNL.GOV) wrote:

: The restorable PRO-43 is a model # 20-300, the non-restorable model is a
: 20-300A. I am not sure if the 'A' version has been released yet. The unit I
: saw was undergoing testing.

What about model number 20-305?
It's serial number is 35005947 - why have all the other serial
numbers mentioned been so much shorter? Is this because mine is
a Canadian unit? -- the manual lists frequency bands that are only
available on Canadian units.

--
Calvin Henry-Cotnam, CATE | "...My brain IBM"
Ryerson Polytechnic University | "So if you see me, acting strangely..."
Toronto, Ontario, Canada | STYX, Mr. Roboto

4101. BEARCAT 211

Newsgroup: rec.radio.scanner
Date: 1994-05-24 13:46:39 UTC
From: JLUSCRE@kentvm.kent.edu
Message-ID: <16FC0897F.JLUSCRE@kentvm.kent.edu>
Source record: 274052

I just bought a used BC211 scanner. I have not seen any postings on this model before and was unable to find any mods at the oakland or buffalo ftp sites. I am looking for any mods that may be available for this scanner.

Thanks,

Joe Luscre, N8IRD
(jluscre@kentvm.kent.edu)

4102. PRO-46 ?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 16:29:59 UTC
From: krenz@nicmad.uucp
Message-ID: <1994May24.162959.19069@nicmad.uucp>
Source record: 274069

Could someone please explain why I would have to mod my new PRO-46 scanner to receive cellular. The spec's on the back of the unit say-

Model# 20-305, Serial# 35071085, Freq Range: 29-54, 108-136.975, 137-174, 406-512, 806-956 MHZ.

I just bought this Sunday from Radio Shack on sale for $186.95, and the salesman was no help at all.

John Krenz email: nicmad!krenz%astroatc.uucp@cs.wisc.edu

4103. Re: open mike on 800MHz

Newsgroup: rec.radio.scanner
Date: 1994-05-24 16:37:13 UTC
From: cw400@cleveland.Freenet.Edu
Message-ID: <2rtafp$b4h@usenet.INS.CWRU.Edu>
Source record: 273978

Lake County (Ohio) has been using a similar device on their 800 Mhz trunking system. A radio programmed on an unused talkgroup, has the PTT line keyed for 1 minute and released for 5 seconds. The effect is a dead carrier that jumps around on the system, requiring the scanner listener to lock & unlock a channel every minute. The Radio Shack 'sound squelch' is quite effective aginst this device, assuming that you can receive the trunking system without noise or statioc.

4104. Helping cops by scanning-

Newsgroup: rec.radio.scanner
Date: 1994-05-24 16:47:00 UTC
From: gregory.halpin@bitbytes.clark.net
Message-ID: <e5.4641.143.0NE0A601@bitbytes.clark.net>
Source record: 274063

JOHNSONK@YVAX.BYU.EDU asked:

J>My wife never saw the green Chevy, but I would be interested in hearing
>about it if anyone has ever been able to help the police thanks to some-
>thing they heard while scanning.

Well, let me start of with the fact that I am a career firefighter. I
was with my friend, who is a paramedic at an area hospital. We were
riding around town one night in his truck, when information came over
the radio about a theft of gas from an area gas station. The information
included a description of the vehicle and the occupant.

Immediately in front of us was a vehicle matching the description, with
the exception of a digit was off on the license plate (I am in PA, the
reg was from NY). We called the 911 center on his cellular phone,
identified our selves, and gave them the information on the vehicle,
including the description and location of the vehicle.

We followed the vehicle until it turned onto a dead end street and
stopped. We drove past the vehicle, and advised the dispatch center of
the vehicle's location. The police arrived less than a minute later, and
the man denied being at the gas station. The man then followed the
police to the gas station, where he was positively identified, and
arrested.

We also detained a man fleeing from the police one night, but the
scanner wasn't involved. That was in my friend's front yard at 2 a.m.

4105. Freeway Video Cameras (Ho

Newsgroup: rec.radio.scanner
Date: 1994-05-24 16:47:00 UTC
From: gregory.halpin@bitbytes.clark.net
Message-ID: <e5.4642.143.0NE0A602@bitbytes.clark.net>
Source record: 274064

Dwayne Jacques Fontenot asked:

DJF>All I know is that they are video cameras and they transmit over radio
>frequency. I don't know if they are color or black and white, live video or
>slow scan, what their low light characteristics are, or what their video
>feeds are actually used for.

DJF>Anyone know anything?

Probably is fed to a traffic control center somewhere where they can
control signals, improve traffic flow, etc. I read about a similar
system in an issue of 911 MAGAZINE last year.

4106. Re: Helping cops by scann

Newsgroup: rec.radio.scanner
Date: 1994-05-24 16:47:00 UTC
From: gregory.halpin@bitbytes.clark.net
Message-ID: <e5.4643.143.0NE0A603@bitbytes.clark.net>
Source record: 274065

David S. Eitelbach said:

DSE>While not directly scanner related, I've twice had the same kind of
>frustration calling 911 dispatchers.

---------------------------<SNIP>-------------------------

DSE>I guess they get a lot of crank calls, but I don't see why it
>should be such a wrestling match when you call in.

Not that I want to defend, but, I was a communications specialist at our
county 911 center for three years before getting hired by the City Fire
Dept.

I don't know how other areas are, but in my area, 911 dispatchers are
usually over-worked, under-paid, and put up with a lot of sh...grief.
Sometimes, it's just the luck of the draw as far as what dispatcher you
get, and how his/her day has gone so far. I don't think our dispatchers
treat callers too bad (unless the callers treat them bad), but sometimes
those of us in the field get it over the radio!

And, yes, when I worked there, we did get some strange callers!

4107. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 17:01:17 UTC
From: sscalsk@relay.nswc.navy.mil
Message-ID: <SSCALSK.94May24120117@screamer.nswc.navy.mil>
Source record: 274050

In article <1994May23.125936.2164@arrl.org> jkearman@arrl.org (Jim Kearman (KR1S)) writes:

Sorry, nobody has convinced me that there's any reason for ARRL
to work for repeal of ECPA or the scanner ban. You can rest
assured that, even without Wayne, we will continue to diligently
represent Amateur Radio interests, as we have for over 75 years.
With any luck, we'll also avoid sticking our noses where they
don't belong.

Wow - what a narrow minded view. No wonder so many people are turned off
by the ARRL. Sure sounds like if your not a Ham you aint sh*t to the ARRL,
non Hams need not apply.

Why doesn't somebody start a national scanning organization to
represent scanner owners?

Because the ARRL has the history, organization and presence in political
circles to make a difference even in non amateur radio but nontheless
radio related interests. Seems a lot of people make the mistake in thinking
that Amateur Radio includes just plain listening radio to.

-= stan sscalsk@relay.nswc.navy.mil

4108. Re: Can some PRO-43's be modified, some not?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 17:18:28 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-240594091328@m11118.esl.com>
Source record: 274054

In article <2rpf9t$im@rainbow.sosi.com>, jdewitt@rainbow.sosi.com (Jeff Dewitt) writes:
> The serial number is 064855. Damn, I hope I didn't by the better scanner
> for nothing. Thanx for any help.

> To date, the highest serial number that has been reported modified is 067473.
> I have not seen the unit myself, but have no reason to think the case is being
> misrepresented.

Well, I thought I would add my two cents worth. I just received my PRO-43 last week 5/16 (from MaryMac) and I successfully restored it the same day. It has serial No 074692 and it is a model 020-300.
To support spare parts they always (well almost always) change something in the model number when a significant change is made. They even made the 2006 an "A" modelin 1992 when all they did was change the display dimmer switch to an off switch.
Good scanning to ya'
MAD

4109. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 17:40:52 UTC
From: jhanson@yar.cs.wisc.edu
Message-ID: <2rte74$1cb@spool.cs.wisc.edu>
Source record: 274070

Tequila Mokingbird <vector@dorsai.org> wrote:
>My point is, at least here, I have called the police on at least 5
>occasions and each time they tell me that nothing can be done. So..I
>quit. I hope that some states Do allow you to report things that you
>hear, no matter what freq. you hear it on...

They can't use it as evidence due to the Exclusionary Act...
--
Jason J. Hanson | 22 Langdon Street #220 | (608) 256-1004
Univ. of Wisconsin | Madison, WI 53703-1344 | Ham: N9LEA (Extra)
-- jhanson@yar.cs.wisc.edu =*+++*= n9lea@wd9esu.#scwi.wi.usa.noam --

4110. Re: Freeway Video Cameras (Houston)

Newsgroup: rec.radio.scanner
Date: 1994-05-24 17:50:48 UTC
From: reece@eco.twg.com
Message-ID: <2rtepo$h9s@scoop.eco.twg.com>
Source record: 274062

In article <2rplbi$aek@geraldo.cc.utexas.edu>, fontenot@actlab.rtf.utexas.edu (Dwayne Jacques Fontenot) writes:

```
|>Does anyone know anything about the video cameras which are being installed
|>on the major freeways around Houston, TX? They are mounted on poles and have
|>an antenna about half a meter in length. I know these are being installed by
|>Metro, but they are not very forthcoming with information about the system.
|>
|>They look a bit like this: (Note the distinctive antenna)
|>
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|> ||
```

I think you'll find that the "distinctive antenna" is a lightning rod, intended to route static discharges around the camera. That's why the rod has the distinctive shape.

```
|>All I know is that they are video cameras and they transmit over radio
|>frequency. I don't know if they are color or black and white, live video or
|>slow scan, what their low light characteristics are, or what their video
|>feeds are actually used for.
```

Dunno how the signal is transmitted, or even if it is (could be hardwired). Around here (DC metro area) they're used to monitor traffic congestion and road conditions. Sometimes you can find a cable-TV channel showing selected camera feeds.

4111. Sale: Pro-2004 $240.00

Newsgroup: rec.radio.scanner
Date: 1994-05-24 17:57:37 UTC
From: eskin@btree.brooktree.com
Message-ID: <2rtf6h$17b@btree.brooktree.com>
Source record: 274004

Realistic Pro-2004 scanner, 400 channels, full 800 MHz enabled.

In excellent condition. Includes service manual.

$240.00

for more info: (619) 535-3476

--

Michael Eskin, Brooktree Corporation email: eskin@brooktree.com
9868 Scranton Road, San Diego, CA 92121 AOL: BTRE MichE

4112. Re: TRIDENT TR2400

Newsgroup: rec.radio.scanner
Date: 1994-05-24 18:09:13 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <769802953snz@javiaton.demon.co.uk>
Source record: 273975

In article <2rs215$f67@hebron.connected.com>
danm@hebron.connected.com "Dan Morisseau" writes:

>>TR-2500 = AR2500
>
> WOOF! WOOF! This one is a D-O-G! (nothing personal meant there,
>Jonathan).

.........never said it wasn't :-)

...I have one or two interesting "tales" about these beasties
in the short period I was un^H^Hlucky enough to have any......

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K. Compu$erve: 100117,535 |
\--/

4113. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 18:33:07 UTC
From: heglowstein@BIX.com
Message-ID: <heglowstein.769804387@BIX.com>
Source record: 273992

jhanson@yar.cs.wisc.edu (Jason Hanson) writes:

>Tequila Mokingbird <vector@dorsai.org> wrote:
>>My point is, at least here, I have called the police on at least 5
>>occasions and each time they tell me that nothing can be done. So..I
>>quit. I hope that some states Do allow you to report things that you
>>hear, no matter what freq. you hear it on...

>They can't use it as evidence due to the Exclusionary Act...
>--
>Jason J. Hanson | 22 Langdon Street #220 | (608) 256-1004
>Univ. of Wisconsin | Madison, WI 53703-1344 | Ham: N9LEA (Extra)
>-- jhanson@yar.cs.wisc.edu =*+++*= n9lea@wd9esu.#scwi.wi.usa.noam --

True, no one can use what you hear as evidence, but if you
listen in on a police broadcast, find the guy they're looking
for and report it, there's no evidence in the broadcast.
On the other hand, if you're listening in on someone's
cordless phone conversations, hear something illegal and
report that, that's quite another matter.

4114. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 19:05:52 UTC
From: jkearman@arrl.org
Message-ID: <1994May24.190552.30222@arrl.org>
Source record: 274056

Stan Scalsky (sscalsk@relay.nswc.navy.mil) wrote:
: In article <1994May23.125936.2164@arrl.org> jkearman@arrl.org (Jim Kearman (KR1S)) writes:

: Sorry, nobody has convinced me that there's any reason for ARRL
: to work for repeal of ECPA or the scanner ban. You can rest
: assured that, even without Wayne, we will continue to diligently
: represent Amateur Radio interests, as we have for over 75 years.
: With any luck, we'll also avoid sticking our noses where they
: don't belong.

: Wow - what a narrow minded view. No wonder so many people are turned off
: by the ARRL. Sure sounds like if your not a Ham you aint sh*t to the ARRL,
: non Hams need not apply.

The American Radio Relay League was founded in the early years
of this century to support the person interested in TRANSMITTING.
During the broadcast boom of the 1920s, the League reaffirmed its
position as an organization devoted to licensed radio amateurs.
Hobbyists interested only in listening were not sought as members.

You may think us narrow minded, but that's the way it's spelled
out in the By Laws. To be a Full (voting) member you must have a
US amateur license.

Be that as it may, there's an ARRL employee on this forum, which
ought to tell you there is some interest in scanning matters
here. In my earlier posting I started to say that the NRA has
more in common with scanner owners (in regard to the ECPA) than
does the ARRL, but I didn't. Consider it said. Sorry, but I don't
think it's an ARRL fight. If we got into this one the broadcasters,
CBers, Public Service agencies etc would all want us to side with
them in their dealings with FCC.

Some other national ham organizations have SWL members, but I
know of no cases where these organizations supported scanner
users in any dealings with the national communications
regulating body. For example, the German society (DARC) has
not petitioned their regulating agency to allow full-coverage
HF receivers to be sold in Germany, as far as I know.

: Why doesn't somebody start a national scanning organization to
: represent scanner owners?

: Because the ARRL has the history, organization and presence in political
: circles to make a difference even in non amateur radio but nontheless
: radio related interests. Seems a lot of people make the mistake in thinking

: that Amateur Radio includes just plain listening radio to.

That's the way the League is organized. Changing it involves becoming a licensed ham, JOINING, and lobbying for a change. Frankly, it wouldn't bother me to have SWL/Scanner hobbyists as members. It would sure broaden the scope of the articles we could run and the equipment we could review! But the charter of the organization is what it is. I'm not diminishing scanning or scanner hobbyists when I say that; merely reporting the facts.

Licensed hams who are members but not interested in SWLing or scanning might not take kindly to expanding the League's membership and involvement to include receive-only hobbyists. That's why I think it would have been best if some scanner-oriented organization had taken up the fight.

Good listening.

Jim
Receive-only ham

4115. Re: WANTED: BC200XLT docs

Newsgroup: rec.radio.scanner
Date: 1994-05-24 19:45:22 UTC
From: mike@Hopper.itc.Virginia.EDU
Message-ID: <CqBo7M.Ix4@murdoch.acc.Virginia.EDU>
Source record: 274016

In article <TVasmc3w165w@moneybin.equinox.gen.nz>,
Glenn Murphy <scrooge@moneybin.equinox.gen.nz> wrote:
>mike@Hopper.itc.Virginia.EDU (Mike Chapman) writes:
>
>> I would really appreciate some scanned or typed BC200XLT docs if anyone
>> can provide them or pointers to them. Thanks!
>
>Please post them.

That'd really be a copyright violation. Not that I care, but most sites
would probably refuse to have it around. I'll look for copyright
notices in the manual when I get one.
--
Mike Chapman mike@hopper.itc.virginia.edu ...!virginia!doxy!mike
mike@onyx.pvcc.cc.va.us mike@w3eax.umd.edu

4116. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 19:49:56 UTC
From: magnet@nRCHs022
Message-ID: <2rtlp4$oo9@corpgate.nt.com>
Source record: 274073

heglowstein on BIX (heglowstein@BIX.com) wrote:

: True, no one can use what you hear as evidence, but if you
: listen in on a police broadcast, find the guy they're looking
: for and report it, there's no evidence in the broadcast.
: On the other hand, if you're listening in on someone's
: cordless phone conversations, hear something illegal and
: report that, that's quite another matter.

Nope! There have been court cases where tapes of cordless conversations
WERE used as evidence in trial. The attempted murder case was upheld.
I read about this in a book at Tucker electronics about scanning. It
mentioned the locations and other information about the case. I can no
longer remember those details.

Please turn your portable phone up-side-down
and read the disclaimer.

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

4117. Re: Freeway Video Cameras (Houston)

Newsgroup: rec.radio.scanner
Date: 1994-05-24 19:52:15 UTC
From: magnet@nRCHs022
Message-ID: <2rtltf$oo9@corpgate.nt.com>
Source record: 273868

Dwayne Jacques Fontenot (fontenot@actlab.rtf.utexas.edu) wrote:
: hello,

: Does anyone know anything about the video cameras which are being installed
: on the major freeways around Houston, TX? They are mounted on poles and have
: an antenna about half a meter in length. I know these are being installed by
: Metro, but they are not very forthcoming with information about the system.

: They look a bit like this: (Note the distinctive antenna)
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: All I know is that they are video cameras and they transmit over radio
: frequency. I don't know if they are color or black and white, live video or
: slow scan, what their low light characteristics are, or what their video
: feeds are actually used for.

: Anyone know anything?

: thanks,

: Dwayne Fontenot

I "think" the antenae is used just for controlling the camera. The actual video is
xmitted via cable.

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

4118. Re: AR3000A earphone jack??

Newsgroup: rec.radio.scanner
Date: 1994-05-24 20:03:46 UTC
From: magnet@nRCHs022
Message-ID: <2rtmj2$oo9@corpgate.nt.com>
Source record: 273976

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: So what's the deal with the front mounted earphone jack on the AR3000A? The
: rear speaker jack works fine for an earphone, but the front jack is not
: normal. If I plug it all the way in, there is no sound. If I pull the plug
: most of the way out it will work, but then it pops out. Is this jack
: non-standard? I tried stereo headphone and it works on one side. Am I
: supposed to get earphone with a short plug?

Finally broke down and got one hugh? ;-)

Mine works... sounds like yours is broken or, you have a bad MALE jack.
I see you tried the rear with (the same jack?) You might try the radio
shack stereo to mono adapter. That's what I use. It makes the sound much
better.

: Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
: Intel Corp.
: American Fork, UT

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

4119. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 20:57:49 UTC
From: heglowstein@BIX.com
Message-ID: <heglowstein.769813069@BIX.com>
Source record: 273979

magnet@nRCHs022 (Brad Glidewell) writes:

>Nope! There have been court cases where tapes of cordless conversations
>WERE used as evidence in trial. The attempted murder case was upheld.
>I read about this in a book at Tucker electronics about scanning. It
>mentioned the locations and other information about the case. I can no
>longer remember those details.

>Please turn your portable phone up-side-down
>and read the disclaimer.

>--
>brad.glidewell@nt.com

Wow, cool. Having not been in that situation, I wouldn't
imagine that giving the FCC rules that have been in effect since
the 1930's, that any court would permit cordless conversations
without a search warrant. I wonder if, in those cases, the
law enforcement types got a court order to record the conversations.

4120. Anyone own the MAX 800 from Cellular Sercurity Grp?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 21:07:15 UTC
From: habu@inca.gate.net
Message-ID: <2rtqa3$s74@inca.gate.net>
Source record: 274058

I am thinking about purchasing a MAX antenna from Cellular Sercurity Group, anyone out there own one. I want to use it on a Rs Pro2006,is this antenna any good? I have to stick to a antenna that mounts to the scanner,due to a lack of space to run cables outdoors. Is there a better antenna available,I need one that improves reception in the 415.000 to 460 mhz,160-170 mhz and the 800mhz areas.

Thanks Mike

4121. Uniden BC 890XLT vs BC8500XLT

Newsgroup: rec.radio.scanner
Date: 1994-05-24 21:16:13 UTC
From: user@tcjcsc.metronet.com
Message-ID: <user-240594151613@tcjcsc.metronet.com>
Source record: 273977

I am condidering buying one of these scanners. My primary interest is in listening to a trunked metro police organization. Anybody have any thoughts on which one of these might fill that need best. Good points/bad points on the two models would also be appreciated.

Ben Head
Fort Worth, Texas

4122. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 21:18:11 UTC
From: magnet@nRCHs022
Message-ID: <2rtquj$oo9@corpgate.nt.com>
Source record: 273980

heglowstein on BIX (heglowstein@BIX.com) wrote:

: >Nope! There have been court cases where tapes of cordless conversations
: >WERE used as evidence in trial. The attempted murder case was upheld.
: >I read about this in a book at Tucker electronics about scanning. It
: >mentioned the locations and other information about the case. I can no
: >longer remember those details.

: >Please turn your portable phone up-side-down
: >and read the disclaimer.

: Wow, cool. Having not been in that situation, I wouldn't
: imagine that giving the FCC rules that have been in effect since
: the 1930's, that any court would permit cordless conversations
: without a search warrant. I wonder if, in those cases, the
: law enforcement types got a court order to record the conversations.

Well,

The case in question did NOT involve Law enforcment monitoring. The
Wife of the Attempted murderer (the murder-ee) was the one with
the recording.

All of this of course may be utter fabrication. I'm not sure.
Proceed at you own risk. Your mileage may vary. Not valid in
many states. Offer good will supplies last. You must be over
21 to enter...

Cool? Indeed!

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

4123. Help with cell mod for 2006,need specific hints.

Newsgroup: rec.radio.scanner
Date: 1994-05-24 21:19:32 UTC
From: habu@inca.gate.net
Message-ID: <2rtr14$f7h@inca.gate.net>
Source record: 274059

I would like to attempt the cellular mod on my new 2006,I have the instructions
but I have never gone inside a scanner before. The instructions say all I
need to do is clip one of the diodes. My question is how far do I clip it,
whats the best tool and are there any other little tidbits I should know?
Please be very specific,I am a newbie at this stuff.

Thanks Mike

4124. Re: Uniden BC 890XLT vs BC8500XLT

Newsgroup: rec.radio.scanner
Date: 1994-05-24 21:23:32 UTC
From: magnet@nRCHs022
Message-ID: <2rtr8k$oo9@corpgate.nt.com>
Source record: 273986

Ben Head (user@tcjcsc.metronet.com) wrote:
: I am condidering buying one of these scanners. My primary interest is in
: listening to a trunked metro police organization. Anybody have any
: thoughts on which one of these might fill that need best. Good points/bad
: points on the two models would also be appreciated.

: Ben Head
: Fort Worth, Texas

As mentioned in some previous post, the RS 2006 may be a better choice
because of the "voice squelch" feature. This really works well on trk
systems (at least in my experience here in Dallas). Of course if your
influenced by other factors$$$$...

Does the BC 890XLT or BC8500XLT have anything like this? (continue
scan if no modulation).

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

4125. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 21:31:12 UTC
From: dbashaw@synoptics.com
Message-ID: <CqBt41.LGA@synoptics.com>
Source record: 274071

Neil Weisenfeld wrote:
>People have been tossing this "replacement MPU" theory around quite a
>bit lately. Does anyone have any hard info on the subject? What makes
>everyone think that the replacement parts won't just be the new (i.e.
>"locked-out") MPU (if it's pin-compatible with the old one)?

This may be a mod very few people can do. Chances are this chip is a
surface mount device. Tough to work with without the proper desoldering
tools, which may remove it from the catagory of easily modifiable!

Dave, wa6qwl
73's
+

4126. # for MaryMac

Newsgroup: rec.radio.scanner
Date: 1994-05-24 21:32:26 UTC
From: ksmith@theodolite.ae.calpoly.edu
Message-ID: <2rtrpa$oq3@babyblue.cs.yale.edu>
Source record: 273988

I wish this group had a FAQ list since I know this is one, but....

Can someone post or email the phone number for MaryMac?

They're not in (800) 555-1212 under MaryMac, and I can't locate them in any of my magazines.

Also, has anyone dealt with US Radio? They appear to be another low-cost RS retailer (saw ad in QST). I'm thinking about buying a Pro-43, so I'm shopping around.

Thanks in advance for the MaryMac phone #!

73 de KD6RCT

4127. Frequencies @ Portland International Raceway in June

Newsgroup: rec.radio.scanner
Date: 1994-05-24 21:36:52 UTC
From: annabs@u.washington.edu
Message-ID: <2rts1k$jak@news.u.washington.edu>
Source record: 274001

A friend of mine is going to PIR in June to watch the Indy cars and is interested in knowing:

1) Related raceway frequencies
2) Other Portland frequencies that might be interesting
3) City police frequencies

Thanks, in advance, for your help!

Neil Scott
neilscott@aol.com

4128. Re: Uniden BC 890XLT vs BC8500XLT

Newsgroup: rec.radio.scanner
Date: 1994-05-24 22:51:56 UTC
From: copeland@metronet.com
Message-ID: <CqBwuK.L1o@metronet.com>
Source record: 274002

In article <user-240594151613@tcjcsc.metronet.com>,
Ben Head <user@tcjcsc.metronet.com> wrote:
>I am condidering buying one of these scanners. My primary interest is in
>listening to a trunked metro police organization. Anybody have any
>thoughts on which one of these might fill that need best. Good points/bad
>points on the two models would also be appreciated.

If you are near a transmitter (FM/AM/POLICE...) you may have seconds
thoughts on the uniden. It is very sensitive, but that causes it to
overload and lockup in a city environment with close by transmitters.

The GRE line at radio shack (PRO-2032,PRO-2030,PRO-2006) are not quit
as sensitive, but very tough to overload the front end (lockup) in a
city environment. Also the GRE line have the right cellular spacing
if you plan to restore it, all unidens have the wrong cellular spacing.

--

| copeland@metronet.com |

4129. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 23:06:15 UTC
From: heglowstein@BIX.com
Message-ID: <heglowstein.769820775@BIX.com>
Source record: 273966

magnet@nRCHs022 (Brad Glidewell) writes:

>Well,

>The case in question did NOT involve Law enforcment monitoring. The
>Wife of the Attempted murderer (the murder-ee) was the one with
>the recording.

>All of this of course may be utter fabrication. I'm not sure.
>Proceed at you own risk. Your mileage may vary. Not valid in
>many states. Offer good will supplies last. You must be over
>21 to enter...

>Cool? Indeed!

>--
>brad.glidewell@nt.com

>"I am the most humble person in all the world!"

Perhaps they were able to use it because it was a phone
conversation- and taping those is perfectly OK as long as
one party in the conversation gives permission (at least
in many states). It's not likely that the murderer wanted
it taped, but the perhaps the victim-to-be did?

I'd also be curious to know why this guy's wife was listening
in her husband's conversation with a scanner...

4130. OptoScan456

Newsgroup: rec.radio.scanner
Date: 1994-05-24 23:11:45 UTC
From: magnet@nRCHs022
Message-ID: <2ru1jh$oo9@corpgate.nt.com>
Source record: 273964

Questions for those in the know:

1) Once a particular CTSS tone is determined for a trk system,
can that tone be programmed into the 456 for opening
squelch only when THAT tone is rx'd?
2) Is there any signal strength indicator?
3) Does the unit software have import capabilities?
4) Does the unit allow frequency decriptions?
5) Are the scanner controls defeated when the unit is
in use?
6) How much speed if any is added by this unit?
7) Does the software support IRQ base addresses for
multiple serial connections using multi serial cards
such as DIGIboards? (8 scanners, 8 serial ports, one
computer.)
8) Verify unmasking operation, please. (520-760, 823-851,
868-896) And, is any additional coverage beyond 1.36g
9) Is there technical support available?
10) Has a review of this system been done? If so, where?
11) Does this system enhance or add control of tape drives?

Thanks bunches for any help or discussion.

Please send flames to "/dev/null"

--
brad.glidewell@nt.com

"I am the most humble person in all the world!"

4131. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-24 23:21:50 UTC
From: jqtaylor@boi.hp.com
Message-ID: <CqBy8E.3yI@boi.hp.com>
Source record: 274000

the police regularly use both cordless monitoring and garbage can
analysis for monitoring people, for, as we all know, whatever "trash"
you send through the airwaves (or place in front of your house) is
fair game for interception. they also use night vision scopes and
all kinds of neat stuff like motion detectors.

4132. Re: re:freeway video cameras

Newsgroup: rec.radio.scanner
Date: 1994-05-24 23:30:06 UTC
From: j4dice@aol.com
Message-ID: <2ru2lu$9st@search01.news.aol.com>
Source record: 273990

In article <1994May24.011122.1@uoft02.utoledo.edu>,
cscon0151@uoft02.utoledo.edu (Brad Steinman, N8ZRP) writes:

>Residents of some locale were using this 'loophole' to defy this
method of
>enforcement. It seems they wore Halloween masks when driving past
the photo
>radar units! The prosecution was unable to prove who was in the
car, and thus
>tickets were nixed. Nevertheless, the photo radar units ticket
enough people
>who don't know how to fight it, and thus it generates revenue!

I know it's off the topic again, but I couldn't resist:

Hooray for those who were clever enough to get around a local/state government's attempt to collect quick and easy revenues. If they're that concerned about safety, why don't they simply use the money invested in such a system to put some more police on the road? The whole basis of our justice system is that one is innocent until *proven* guilty. The burden of proof, therefore, is on the government to prove that the person ticketed was indeed driving the car. A picture of a license plate (or even a car for that matter) certainly isn't proof enough that the owner of the vehicle was driving.

Enough for my $.02. Now back to your regularly scheduled rec.radio.scanner...

Jim Fordyce

4133. Re: Anyone own the MAX 800 from Cellular Sercurity Grp?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 00:01:36 UTC
From: an678@FreeNet.Carleton.CA
Message-ID: <CqC02o.A37@freenet.carleton.ca>
Source record: 274006

In a previous article, habu@inca.gate.net (Michael Fink) says:

>I am thinking about purchasing a MAX antenna from Cellular Sercurity Group,
>anyone out there own one. I want to use it on a Rs Pro2006,is this antenna
>any good? I have to stick to a antenna that mounts to the scanner,due
>to a lack of space to run cables outdoors. Is there a better antenna
>available,I need one that improves reception in the 415.000 to 460 mhz,160-170
>mhz and the 800mhz areas.

I have the same problem, living in a townhouse I don't have the opportunity to mount an outdoor antenna...and I use a Pro 2006 with a MAX 800. I've found it to be a great combo and it really perks up the 800 MHz band...stations which were weak with either the standard whip on the 2006 or a rubber duck cut for 800 MHz are much, much stronger on the MAX 800.

The price seems outrageous, and I know people who have built their own versions of the MAX 800. But, the unit is well built and really helps. But, remember when you plug it in to the 2006 you'll certainly decrease the reception on other bands!

BTW, the difference between the handheld and tabletop versions of the MAX 800 is only in the connectors supplied. I've the table version which comes with a 90 degree BNC to PL259 adapter (which the antenna is built on).

Overall good antenna...I'd buy another one if I needed it!

4134. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 00:37:45 UTC
From: drice@crl.com
Message-ID: <znr769825561k@crl>
Source record: 274007

In article <CqAuzI.KnB@dorsai.org> vector@dorsai.org writes:

>
> In article <1994May22.223651.7848@yvax.byu.edu>,
> <johnsonk1@yvax.byu.edu> wrote:
> >My wife never saw the green Chevy, but I would be interested in hearing
> >about it if anyone has ever been able to help the police thanks to some-
> >thing they heard while scanning.
> >
>
> My point is, at least here, I have called the police on at least 5
> occasions and each time they tell me that nothing can be done. So..I
> quit. I hope that some states Do allow you to report things that you
> hear, no matter what freq. you hear it on...
>
> "Just my 1.017 cents, after taxes..." Tequila Mokingbird
>
>

Why not just place an anonymous phone call to Silent Witness or
something like that? That way, the police get the information, and
they don't need to know where it came from.

--

Dennis Rice drice@crl.com
NAU Flagstaff drr1@nauvax.ucc.nau.edu
Finger either address for PGP public key.

4135. Re: need freqs.

Newsgroup: rec.radio.scanner
Date: 1994-05-25 01:09:03 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <769851208@f747.n115.z1>
Source record: 273924

JS> I'd be interested to see what DuComm has to say. I would be even
JS> _more_ interested if you were able to get copies. <g> Let me know if
JS> that would be asking too much. :)

AT> I'll try and see what I can do. I know there chief radio
AT> engineer.

Thanks... I'll be interested in what they say...

Jerry

4136. Re: garfield.catt.ncsu.edu

Newsgroup: rec.radio.scanner
Date: 1994-05-25 01:28:24 UTC
From: wy1z@bach.coe.neu.edu
Message-ID: <WY1Z.94May24212825@bach.coe.neu.edu>
Source record: 274010

In article <2rsl3e$4st@clarknet.clark.net> josephl@clark.net (Joseph A. Liu) writes:

Path: chaos.dac.neu.edu!noc.near.net!howland.reston.ans.net!gatech!udel!news.sprintlink.net!news.clark.net!josephl
From: josephl@clark.net (Joseph A. Liu)
Newsgroups: rec.radio.scanner
Date: 24 May 1994 10:32:14 GMT
Organization: Clark Internet Services, Inc., Ellicott City, MD USA
Lines: 10
NNTP-Posting-Host: clark.net
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
X-Newsreader: TIN [version 1.2 PL2]

Whatever happen to garfield.catt.ncsu.edu FTP site? It no longer allowed
FTP? What happen to all the scanner info. on this site? Any idea(s)?

Thanks.

--

Joseph A. Liu
Baltimore Maryland USA
Internet:josephl@clark.net

If you are looking for radio modifications, there is also the Oakland site:
oak.oakland.edu:/pub/hamradio/mods

From that point, it breaks down my manufacturer. There are a LOT of mods,
and I'm always looking for more!

While you are connected, feel free to check out the rest of the /pub/hamradio
area, too!

Scott

--
==
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na
Maintainer of the Boston Amateur Radio Club hamradio FTP area on
oak.oakland.edu - /pub/hamradio
==

4137. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 02:10:26 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May24.211026.2373@hnrc.tufts.edu>
Source record: 274067

In article <heglowstein.769813069@BIX.com>, heglowstein@BIX.com (heglowstein on BIX) writes:
> magnet@nRCHs022 (Brad Glidewell) writes:
>
>>Nope! There have been court cases where tapes of cordless conversations
>>WERE used as evidence in trial. The attempted murder case was upheld.
>>I read about this in a book at Tucker electronics about scanning. It
>>mentioned the locations and other information about the case. I can no
>>longer remember those details.
>
> Wow, cool. Having not been in that situation, I wouldn't
> imagine that giving the FCC rules that have been in effect since
> the 1930's, that any court would permit cordless conversations
> without a search warrant. I wonder if, in those cases, the
> law enforcement types got a court order to record the conversations.

You've got to carefully maintain the distinction between cellular/mobile and cordless. The EPCA prohibits listening to cellular/mobile, *not* cordless. However, some jurisdictions--CA, in particular--have outlawed cordless, as well.

Also, what FCC rules are you referring to? It is well known among amateur radio operators that it is perfectly legal to listen in on others' radio conversations (and what are cellular/mobile/cordless phones if not transmitter/receivers?). It fact, it is legal, even if it's cheezy in some circumstances, for broadcasters to tape and retransmit amateur radio transmissions.

"When radios are outlawed, only outlaws will have radios."
--(someone said that)

4138. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 02:17:04 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May24.211704.2374@hnrc.tufts.edu>
Source record: 274068

In article <1994May24.190552.30222@arrl.org>, jkearman@arrl.org (Jim Kearman (KR1S)) writes:

> The American Radio Relay League was founded in the early years
> of this century to support the person interested in TRANSMITTING.
> During the broadcast boom of the 1920s, the League reaffirmed its
> position as an organization devoted to licensed radio amateurs.
> Hobbyists interested only in listening were not sought as members.
>

However, the ECPA has had a very noticeable effect on the kind of equipment licensed radio amateurs can now purchase. You can't let yourself be blind to what's going on upstream if you want to be fully informed about the possibility of flooding.

4139. Mods for Pro-39???

Newsgroup: rec.radio.scanner
Date: 1994-05-25 02:18:26 UTC
From: terupe@waikato.ac.nz
Message-ID: <1994May25.141826.28894@waikato.ac.nz>
Source record: 274015

Are
Are there any mods for A Shack Radio pro 39 Scanners
anywhere??
Any help would be apprecitaed! ;_
[

4140. Re: garfield.catt.ncsu.edu

Newsgroup: rec.radio.scanner
Date: 1994-05-25 04:23:27 UTC
From: shoffman@acca.nmsu.edu
Message-ID: <2rujrv$pjj@dns1.NMSU.Edu>
Source record: 273982

On 24 May 1994 10:32:14 GMT Joseph A. Liu (josephl@clark.net) wrote:
> Whatever happen to garfield.catt.ncsu.edu FTP site? It no longer allowed
> FTP? What happen to all the scanner info. on this site? Any idea(s)?

Also, what about ham.eetech.mcgill.ca? When I try to FTP this site i
get, "Unknow host".

Someone else mentioned oak.oakland.edu:/pub/hamradio/mods, and I have
tried kilroy.jpl.nasa.gov:/pub/hamradio/Mods.

Scott Hoffman | SIGNATURES ??
shoffman@acca.nmsu.edu | We don't need no stinking SIGNATURES !!
finger for pgp key

4141. Mods for PRO-2032?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 04:41:01 UTC
From: shoffman@acca.nmsu.edu
Message-ID: <2rukst$pqu@dns1.NMSU.Edu>
Source record: 274072

Are there any published modifications for the Radio Shack PRO-2032? Is this unit modifiable to receive cellular? I've checked oak.oakland.edu and kilroy.jpl.nasa.gov; neither has mods for this radio.

Scott Hoffman | SIGNATURES ??
shoffman@acca.nmsu.edu | We don't need no stinking SIGNATURES !!
finger for pgp key

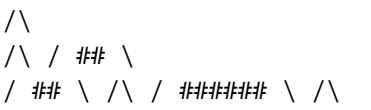
4142. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 04:51:29 UTC
From: todd@actrix.gen.nz
Message-ID: <CqCDHu.3Jo@actrix.gen.nz>
Source record: 274055

With the use of scanners in our country (New Zealand) it is not illegal to monitor the police channels. I am a scanner nut, and have two scanners of which are going all day long. I have a UBC760xlt and a Yupiteru MVT7000. I have spoken to a few cops in the area, and they know I monitor the bands, and they have said to me that any help I can give them would be greatly appreciated. How ever, if I used it for illegal purposes it would be taken off me, I would be fined, and possibly imprisoned!
It is my understanding that it is illegal to listen to scanners in other parts of the world, I feel sorry for all those people.
I just hope people in this country dont abuse there scanners to ruin it for the likes of people like me.

Todd.

--



4143. Re: BC8500 for sale

Newsgroup: rec.radio.scanner
Date: 1994-05-25 05:03:04 UTC
From: armadillo1@aol.com
Message-ID: <2rum68$esg@search01.news.aol.com>
Source record: 273984

In article <gregg.267.2DC93C31@plains.nodak.edu>,
gregg@plains.nodak.edu (Joe Gregg) writes:

I might be interested in your scanner. Is it one of the newer ones
with the audio fixed, or did you send it back to the factory for this
mod? Please respond directly be Email if possible, since I don't get
on the net very often.

Ken

4144. Re: Opto 456: Mac version ?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 05:10:02 UTC
From: armadillo1@aol.com
Message-ID: <2rumja$euo@search01.news.aol.com>
Source record: 273985

In article <1994May9.224128.1@violet.ccit.arizona.edu>,
dpalik@violet.ccit.arizona.edu writes:

>Is there a Mac version of the Optoscan 456 ?

>I hope so.

Don't give up yet. There may very well be something in development,
but it will take a while to get much more info, much less a product
to market. Be patient...

73
Ken

4145. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 05:32:18 UTC
From: dhz@crl.com
Message-ID: <2runt2$756@crl2.crl.com>
Source record: 274060

Tequila Mokingbird (vector@dorsai.org) wrote:
>Well, I am really not sure about the laws in all states, but here in
>Oklahoma, there is some law that states you can't use ANY information
>gained by a scanner for personal gain...be it lawful or otherwise. I used
>to work for a police dept. and bought a scanner to listen in to the
>activities while i was off-duty. Anyways, my scanner also picked up
>cellular freqs. One day i overheard (by accident, mind you) an
>conversation that described in GREAT detail, exact plans for a drug deal
>that was going down that evening. Details like place, time, types of
>drugs, amounts of money, and how many ppl would be there. I immediately
>called dispatch and informed them about the drug deal and how i had
>received the info. I had pleanty of credentials with the dept (I worked
>there) and knew the dispatcher personally. But she told me that the
>information could not be used to help in the capture or arrest of the
>individuals I had heard...not even surveilance of the area! I said rather
>bluntly, "Couldn't an officer just ACCIDENTALLY be in the right place at
>the right time?" She said that would be criminal!!! (for an officer to
>use information gained on a LEGAL, non-modified BearCat 200XLT scanner
>from Service Merchandise to BUST scum-sucking ass hole that will be
>selling crack on elementary playgrounds next week...CRIMINAL!?!) I simply
>cannot understand that. I DO realize the importance of security and
>understand that these laws were written to help protect innocent people
>from being taken advantage of...but still, it seems wrong.
>
>My point is, at least here, I have called the police on at least 5
>occasions and each time they tell me that nothing can be done. So..I
>quit. I hope that some states Do allow you to report things that you
>hear, no matter what freq. you hear it on...
>
next time make it an anonymous phone call to the PD.

>"Just my 1.017 cents, after taxes..." Tequila Mokingbird

nd after health care it will be 0.279 cents.

--
JIM SHRYNE |\\ || //==\\ ===\\ || || ====//
ARS N6DHZ ||\\ || || || || ||=|| //
COMPUSERVE 70621,247 || \\|| ||==\\ || || || || //
E-MAIL dhz@crl.com || \\| \\==|| ===// || || //====

4146. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 05:37:23 UTC
From: dhz@crl.com
Message-ID: <2ruo6j$7d5@crl2.crl.com>
Source record: 274061

Dennis Rice (drice@crl.com) wrote:

>In article <CqAuzI.KnB@dorsai.org> vector@dorsai.org writes:

>>
>> In article <1994May22.223651.7848@yvax.byu.edu>,
>> <johnsonk1@yvax.byu.edu> wrote:
>> >My wife never saw the green Chevy, but I would be interested in hearing
>> >about it if anyone has ever been able to help the police thanks to some-
>> >thing they heard while scanning.
>> >
>>
>> My point is, at least here, I have called the police on at least 5
>> occasions and each time they tell me that nothing can be done. So..I
>> quit. I hope that some states Do allow you to report things that you
>> hear, no matter what freq. you hear it on...
>>
>> "Just my 1.017 cents, after taxes..." Tequila Mokingbird
>>
>>

>Why not just place an anonymous phone call to Silent Witness or
>something like that? That way, the police get the information, and
>they don't need to know where it came from.

Or how you got it.
--
JIM SHRYNE |\\ || //==\\ ===\\ || || ====//
ARS N6DHZ ||\\ || || || || ||=|| //
COMPUSERVE 70621,247 || \\|| ||==\\ || || || || //
E-MAIL dhz@crl.com || \\| \\==|| ===// || || //====

4147. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 05:39:57 UTC
From: heglowstein@BIX.com
Message-ID: <heglowstein.769844397@BIX.com>
Source record: 273996

jerry@hnrc.tufts.edu (Jerry Dallal) writes:

>In article <heglowstein.769813069@BIX.com>, heglowstein@BIX.com (heglowstein on BIX)
writes:
>> magnet@nRCHs022 (Brad Glidewell) writes:
>>
>>>Nope! There have been court cases where tapes of cordless conversations
>>>WERE used as evidence in trial. The attempted murder case was upheld.
>>>I read about this in a book at Tucker electronics about scanning. It
>>>mentioned the locations and other information about the case. I can no
>>>longer remember those details.
>>
>> Wow, cool. Having not been in that situation, I wouldn't
>> imagine that giving the FCC rules that have been in effect since
>> the 1930's, that any court would permit cordless conversations
>> without a search warrant. I wonder if, in those cases, the
>> law enforcement types got a court order to record the conversations.

>You've got to carefully maintain the distinction between cellular/mobile and
>cordless. The EPCA prohibits listening to cellular/mobile, *not* cordless.
>However, some jurisdictions--CA, in particular--have outlawed cordless, as
>well.

>Also, what FCC rules are you referring to? It is well known among amateur
>radio operators that it is perfectly legal to listen in on others' radio
>conversations (and what are cellular/mobile/cordless phones if not
>transmitter/receivers?). It fact, it is legal, even if it's cheezy in some
>circumstances, for broadcasters to tape and retransmit amateur radio
>transmissions.

>"When radios are outlawed, only outlaws will have radios."
>--(someone said that)
The Communications Act of 1934 specifically prohibits disclosing
the contents of any radio discussion you hear, unless that broadcast
was intended for public reception. It's okay to talk about
something you heard on a Top 40 AM station but not okay to
discuss the content of a cordless phone conversation. The ECPA
further prohibits *receiving* cellular phones, and several states
(CA comes to mind) prohibit receiving cordless stuff. This all
applies to the US, although I understand other countries have
similar, less restrictive laws.

Taping and retransmitting amateur radio broadcasts may be cool
if the original broadcaster intended it to be public. Then again,
it could be copyrighted as well.

In the case of a murder trial, if no one gave their permission to tape the phone conversation, then a tape made off a scanner would appear to be in violation of the Communications Act of 1934.

4148. WANTED: DTMF Decoder For Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-05-25 05:45:02 UTC
From: worlord666@aol.com
Message-ID: <2ruoku$fb3@search01.news.aol.com>
Source record: 274057

I'am looking for an DTFM Decoder Box/Schematic for the PRO-2006
scanner.

If anybody has one , leave me some E-Mail!

Later
Worlord666

4149. Re: freeway video cameras

Newsgroup: rec.radio.scanner
Date: 1994-05-25 06:32:12 UTC
From: reptile@kaiwan.com
Message-ID: <2rurdc$81c@kaiwan.kaiwan.com>
Source record: 274066

Jeff Dewitt (jdewitt@rainbow.sosi.com) wrote:
: I live in Colorado Springs, and they just put some cameras out by the Air
: Force academy. From what we have been able to get, they film you with
: the first camera, then film you at a second camera further down the
: highway. Then they compute how long it took for you to get there,
: dtermine if you were speeding, and if so they have your liscense(sp)
: plate number on film; you get a nice speeding ticket in the mail a few
: days later. Apparently this is all computerized. Quick, and safer for
: the cops. A number of them have been hit on I-25 while giving tix, this
: way they don't have all the expense involved with human monitoring of the
: traffic. Also, the cameras are used to monitor spots deemed unsafe on
: freeways, to see how accidents happen.

If you get a ticket don't pay it (unless of course you were speeding,
and you have 70 or 80 bucks laying around that you don't know what to do
with). Municipalities contract with private companies to administer these
speed traps. They have been miserable failures in most places where they
have been instituted. The legal ramifications that arise have been more trouble
than the amount of revenue they generate.

4150. Freeway Video Cameras (Houston)

Newsgroup: rec.radio.scanner
Date: 1994-05-25 06:35:11 UTC
From: arnim@lenti.med.umn.edu
Message-ID: <CqCICs.CMo@news.cis.umn.edu>
Source record: 273993

The cameras here in Mpls are all tied in through a fiberoptic trunk. I would assume that the pan/tilt controls are sent through this too. The "antenna" is definately a lightening rod.
.

4151. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 11:25:46 UTC
From: gesman@io.org
Message-ID: <2rvcjq$huf@ionews.io.org>
Source record: 273926

> <johnsonk1@yvax.byu.edu> wrote:
>>
>cellular freqs. One day i overheard (by accident, mind you) an
>conversation that described in GREAT detail, exact plans for a drug deal
>that was going down that evening. Details like place, time, types of
>drugs, amounts of money, and how many ppl would be there. I immediately
>called dispatch and informed them about the drug deal and how i had
>received the info. I had pleanty of credentials with the dept (I worked
>there) and knew the dispatcher personally. But she told me that the
>information could not be used to help in the capture or arrest of the
>individuals I had heard...not even surveilance of the area! I said rather
>bluntly, "Couldn't an officer just ACCIDENTALLY be in the right place at
>the right time?" She said that would be criminal!!! (for an officer to
>use information gained on a LEGAL, non-modified BearCat 200XLT scanner
>from Service Merchandise to BUST scum-sucking ass hole that will be
>selling crack on elementary playgrounds next week...CRIMINAL!?!) I simply
>cannot understand that.

That's disappoints. The only solution is to act as 'anonymous' caller
without explanation of where did you get this info.

--
Gleb Esman.

4152. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 12:20:23 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.236.000C5760@ccm.hf.intel.com>
Source record: 274013

For about a week I was monitoring a guy (somewhere in the 800MHz band :-))
who was cloning cell phones so that they would use other people's accounts. I
taped some of the conversations, and had an idea to the guy's location. I
called GTE and Cellular One and they didn't seem to care too much. I told
them this guy was running a big operation stealing phone service. I said I
wanted to remain anonymous. They kept asking me how I knew and if they could
take my name and have someone call me back. Yea, right. They eventually said
that they didn't have the resources to investigate this type of crime and that
the Secret Service did the investigations for this sort of thing (?). I spoke
to a SS guy in San Francisco and it was a dead end, so I dropped the issue.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4153. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 12:32:13 UTC
From: zlau@arrl.org
Message-ID: <1994May25.123213.12489@arrl.org>
Source record: 273983

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: In article <1994May24.190552.30222@arrl.org>, jkearman@arrl.org (Jim Kearman (KR1S)) writes:

: > The American Radio Relay League was founded in the early years
: > of this century to support the person interested in TRANSMITTING.
: > During the broadcast boom of the 1920s, the League reaffirmed its
: > position as an organization devoted to licensed radio amateurs.
: > Hobbyists interested only in listening were not sought as members.
: >

: However, the ECPA has had a very noticeable effect on the kind of equipment
: licensed radio amateurs can now purchase. You can't let yourself be blind to
: what's going on upstream if you want to be fully informed about the possibility
: of flooding.

Yes, indeed. My guess is that amateur transceivers would actually work *better* as amateur receivers if they only covered the amateur bands. This is particularly important if you are trying to operate an amateur radio station near a cellular phone site (perhaps they let you patch into their system during an emergency to temporarily restore a broken link). Not only can you build the radios with narrowband filters that keep out unwanted cellular phone signals, but synthesizer performance generally improves if you don't have to cover continuous wide frequency ranges.

Actually, some of the worse wideband receivers seem to have difficulty in high RF areas (near New York city, for instance) due to the broadband front ends. Breakthroughs in technology to eliminate this problem at low cost do not appear likely (its a problem manufacturers have known about for decades).

--
Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

4154. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 12:36:19 UTC
From: Gbelton@deathstar.cris.com
Message-ID: <2rvgo3$8f1@deathstar.cris.com>
Source record: 273991

>> assured that, even without Wayne, we will continue to diligently
>> represent Amateur Radio interests, as we have for over 75 years.
>> With any luck, we'll also avoid sticking our noses where they
>> don't belong.

> Wow - what a narrow minded view. No wonder so many people are turned
> off by the ARRL. Sure sounds like if your not a Ham you aint sh*t to
> the ARRL, non Hams need not apply.

The ARRL is an organization of hams, run by hams for hams. Of *course*
their policies are geared to representing hams. It would be foolish to
think otherwise. You might as well ask the NRA to represent people
who don't own guns, or the American Medical Association to represent
people who aren't physicians.

The ARRL was formed to represent hams. If you want an organization that
represents scanner owners, start one.

... Friends, Romans, countrymen, lend me your taglines!
--- Blue Wave/QWK v2.10

4155. Seattle Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-25 12:44:44 UTC
From: depasses@advtech.uswest.com
Message-ID: <depasses-250594064640@130.13.28.204>
Source record: 273998

Anybody have any unusual frequencies in the Seattle area?

--
Steve DePasse
Member of Technical Staff
Data Communications Architecture and Engineering
U S West Technologies
Boulder, CO
depasses@advtech.uswest.com

4156. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 12:45:39 UTC
From: jkearman@arrl.org
Message-ID: <1994May25.124539.12855@arrl.org>
Source record: 273999

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: In article <1994May24.190552.30222@arrl.org>, jkearman@arrl.org (Jim Kearman (KR1S)) writes:

: > The American Radio Relay League was founded in the early years
: > of this century to support the person interested in TRANSMITTING.
: > During the broadcast boom of the 1920s, the League reaffirmed its
: > position as an organization devoted to licensed radio amateurs.
: > Hobbyists interested only in listening were not sought as members.
: >

: However, the ECPA has had a very noticeable effect on the kind of equipment
: licensed radio amateurs can now purchase. You can't let yourself be blind to
: what's going on upstream if you want to be fully informed about the possibility
: of flooding.

I think we'll do better persuading manufacturers to allow 850-MHz reception and not 868-896; and also not eliminating 902-928 MHz reception, than to take on the cellular lobby. C'mon guys, there are probably more cellular telephones in the US than there are hams in the world. One of the key factors in strategy is picking the battleground. No way could ARRL have defeated ECPA. We'd have wasted thousands of dollars and countless hours of staff time for nothing. For hams, the key issue is NOT the ECPA. If hams want the 850 and 902-928 coverage the manufacturers will give it to them.

The marketplace is a strong determinant. The cellular marketplace is obviously bigger than the scanner marketplace. If the amateur marketplace wants those frequencies in its equipment the smart manufacturer will provide them. Just because Kenwood has dropped such coverage from current models doesn't preclude their including them in future models.

Good listening,

Jim

jkearman@arrl.org

4157. Re: PRO-46 ?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 13:45:50 UTC
From: cal@ee.ryerson.ca
Message-ID: <2rvkqe$qt4@hermes.acs.ryerson.ca>
Source record: 273971

John Krenz x6817 (krenz@nicmad.uucp) wrote:
: Could someone please explain why I would have to mod my new PRO-46 scanner
: to receive cellular. The spec's on the back of the unit say-

: Model# 20-305, Serial# 35071085, Freq Range: 29-54, 108-136.975, 137-174,
: 406-512, 806-956 MHZ.

Interesting, except for the serial number (naturally) and the last frequency range, mine is exactly the same. The difference in the last frequency range is that mine says:

806-823.9375, 851-868.9375, 896.1125-956

Perhaps yours covers this too, but the label simply says 806-956 for simplicity -- though it's kind of like false advertising.

--
Calvin Henry-Cotnam, CATE | "...My brain IBM"
Ryerson Polytechnic University | "So if you see me, acting strangely..."
Toronto, Ontario, Canada | STYX, Mr. Roboto

4158. Re: Freeway Video Cameras (Houston)

Newsgroup: rec.radio.scanner
Date: 1994-05-25 14:58:03 UTC
From: tdtay@chevron.com
Message-ID: <tdtay.8.2DE3677A@chevron.com>
Source record: 273981

In article <2rtltf$oo9@corpgate.nt.com> magnet@nRCHs022 (Brad Glidewell) writes:

>Dwayne Jacques Fontenot (fontenot@actlab.rtf.utexas.edu) wrote:
>: hello,

>: Does anyone know anything about the video cameras which are being installed
>: on the major freeways around Houston, TX? They are mounted on poles and have
>: an antenna about half a meter in length. I know these are being installed by
>: Metro, but they are not very forthcoming with information about the system.

>: They look a bit like this: (Note the distinctive antenna)
>:
>: |
>: |
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>: ||

>: All I know is that they are video cameras and they transmit over radio
>: frequency. I don't know if they are color or black and white, live video or
>: slow scan, what their low light characteristics are, or what their video
>: feeds are actually used for.

>: Anyone know anything?

>: thanks,

>: Dwayne Fontenot

>I "think" the antenae is used just for controlling the camera. The actual video
>is
>xmitted via cable.

>--
>brad.glidewell@nt.com

>"I am the most humble person in all the world!"

I remember Metro talking about this when I lived in Houston. The plan was to
install a fiber cable system along the HOV lanes. They had future plans to
install cameras along the freeway for monitoring not only traffic conditions,

but also for disabled vehicles late at night to try and get them some help.

I would say the "antenna" you see is a lightning rod, and they are sending the video back via coax/fiber. They would also control the camera over the coax/fiber. The RF bandwidth required to bring back multiple video images, and control several cameras, would be difficult to license, especially in a metropolitan area like Houston.

/ David S. Taylor Texas A&M '87 Engineer, RF Systems /
/ Chevron Information Technology Co. Base Technology Dept. /
/ 1300 South Beach Blvd. Rm 2187 dtay@chevron.com /
/ La Habra, CA 90631 310-694-7280 /
/ /
/ If you want truly to understand something, try to change it." /
/ - Kurt Lewin - /

4159. Scanners as home security

Newsgroup: rec.radio.scanner
Date: 1994-05-25 15:22:04 UTC
From: annabs@u.washington.edu
Message-ID: <2rvqes$8lv@news.u.washington.edu>
Source record: 273989

Here's a different spin on scanning.

I have had a scanner(s) for the past 10 years. I have found them to be an innovative home security device. It's simple. When I leave the house, I turn my scanner on so that it can be heard from outside either door. (Not blaring, but on loud enough so that it could be heard in a quiet house.) If a burglar approaches and hears the scanner, he probably will not try to break in based on that fact that 1) a police officer may be inside, 2) a police officer may live there, and/or 3) it may be part of a special security device that is linked into the police department.

I have discussed this with numerous police officers who all felt that it would certainly be a deterrent to most criminals who wouldn't want to take the risk.

Neil Scott
neilscott@aol.com

4160. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 15:30:49 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.237.000F83FA@ccm.hf.intel.com>
Source record: 273931

In article <wb9omc.769885913@constellation.ecn.purdue.edu>
wb9omc@constellation.ecn.purdue.edu (Duane P Mantick) writes:

> But I'm sick and tired of the IRRL (Imperial Radio Relay League)
>looking at the hobby as some god-given gift that can protect itself.
>IMHO, we need to get ACTIVE and we need to get active NOW before it is
>too LATE.

[stuff deleted]

>It is high time to fight back against spectrum losses and assaults on
>our rights......

>ARRL can either join the fight or be left in the dust. Or as Lee
>Iacocca said, "either lead, follow, or get out of the way."

Duane, I admire your resolve to act on the issue because I often feel the same way about a lot of different issues. My feeling is that we don't have a leg to stand on. How could we ever have any influence in government? We are minority group. We do not contribute any useful service or product to society. And, there is no constitutional right to scan the airwaves (although some may argue this point). So how can we have any influence? I don't mean to belittle the hobby, because I love it, we just don't have any source of bargaining power to have any influence in governent.

Imagine us trying to lobby some senator: we are not large enough to effect the election, we don't have any money to throw around, and we can't scream that our "rights" are being taken away.

In order to lobby successfully, you have to have some influence. The only influence I can imagine us having, is if we were very active at calling and writing congress, it might create the illusion that there were enough people to influence the next election.

I still think that the general public does not understand our hobby and we are better off just keeping quiet. We pose no danger, but the press can create the illusion of danger when they find out all the things we can listen to.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4161. Re: # for MaryMac

Newsgroup: rec.radio.scanner
Date: 1994-05-25 15:48:38 UTC
From: shc@mt747.att.com
Message-ID: <CqD7x3.Ct6@nntpa.cb.att.com>
Source record: 273994

In article <2rtrpa$oq3@babyblue.cs.yale.edu>, ksmith@theodolite.ae.calpoly.edu (Kirk Smith) writes:
|> Xref: nntpa rec.radio.scanner:5922
|> Path: nntpa!att-in!fnnews.fnal.gov!nntp-server.caltech.edu!netline-fddi.jpl.nasa.gov!elroy.jpl.nasa.gov!usc!howland.reston.ans.net!europa.eng.gtefsd.com!newsxfer.itd.umich.edu!gumby!yale!yale!theodolite.ae.calpoly.edu!ksmith
|> From: ksmith@theodolite.ae.calpoly.edu (Kirk Smith)
|> Newsgroups: rec.radio.scanner
|> Subject: # for MaryMac
|> Date: Tue, 24 May 94 17:32:26 EDT
|> Organization: Cal Poly State University, San Luis Obispo
|> Lines: 15
|> Message-ID: <2rtrpa$oq3@babyblue.cs.yale.edu>
|> NNTP-Posting-Host: theodolite.ae.calpoly.edu
|>
|> I wish this group had a FAQ list since I know this is one, but....
|>
|> Can someone post or email the phone number for MaryMac?
|>
|> They're not in (800) 555-1212 under MaryMac, and I can't locate them in
|> any of my magazines.
|>
snip...snip...snip
|>
|> Thanks in advance for the MaryMac phone #!
|>
|> 73 de KD6RCT
|>

The number is (713) 392-0747

==========
Stephen Chu
AT&T Bell Labs
Holmdel, New Jersey USA Email: shc@mt747.att.com
==========

4162. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 17:11:53 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.769885913@constellation.ecn.purdue.edu>
Source record: 274009

jkearman@arrl.org (Jim Kearman (KR1S)) writes:

>: the "Electronic Communication Piracy Act"

>Gee, you mean you'll honor us with your thirty bucks if we will
>just support your sacred cows? There's no reason why the HT
>manufacturers can't continue to include 850-MHz coverage while
>blocking 868-896 MHz coverage. Radio Shack scanners do it, why
>can't the HTs?

Harumph - like in this context Amateur Radio itself is any less
of a sacred cow? Hey - I LOVE this hobby of ham radio, otherwise I
wouldn't have stayed in it 20 years.

But I'm sick and tired of the IRRL (Imperial Radio Relay League)
looking at the hobby as some god-given gift that can protect itself.
IMHO, we need to get ACTIVE and we need to get active NOW before it is
too LATE.

The precedent of both the Electronic Communication Piracy Act
and the $^*%^&$%! scanner laws is clear for those who are willing to
see it......

To wit, that big money lobbies will roll right over your face
if you give them a chance and they don't give a DAMN about individuals.
And worse, the Congresscritters (given the lackluster opposition
mounted to the abuses) will kiss the butts of the monied minority
to get their slice of the spectrum pie cash-cow.

In general terms, that's nothing new. But to restrict,nay OUTLAW
access to the spectrum is, well, frightening and needs to be
stopped cold in its tracks.

>Sorry, nobody has convinced me that there's any reason for ARRL
>to work for repeal of ECPA or the scanner ban. You can rest
>assured that, even without Wayne, we will continue to diligently
>represent Amateur Radio interests, as we have for over 75 years.
>With any luck, we'll also avoid sticking our noses where they
>don't belong.

>Why doesn't somebody start a national scanning organization to
>represent scanner owners?

This is a good idea. Maybe we *should* do that. And as an
organization, we'll REMEMBER that ARRL told us all essentially
to go and stuff ourselves, right?

WRONG.

I am thinking of that old statement by the Lutheran pastor,
Francis Niehmoller and his 1945 statement -

"When they came for the trade unionists, I did not speak out because
I was not a trade unionist.

When they came for the Jews, I did not speak out because I was not a Jew.

When they came for the Catholics, I did not speak out because I
was not a Catholic.

Then they came for me, no one spoke out because they had taken everyone else."

****

OK, granted, that pushes a lot of emotional buttons for people. But
I use it to illustrate a point - as a coalition of combined and related
hobbies, we are MUCH MUCH MUCH stronger and more effective than as
a number of smaller groups pissing in the wind about a narrower topic
that affects fewer people.

I am sorry to hear that ARRL doesn't realize this and/or won't accept it.
With the sort of crap that is wandering around in the halls of government
these days, ALL radio hobbyists are threatened and ALL of us need to
come together and support each other.

ARRL, being probably the *largest* of such groups of hobbyists, is
probably in the best position to take a leadership role and work with
other, smaller groups to come together into a larger, more effective
force.

That they evidently don't wish to do so is, IMHO, appalling.

"When they came to take 220 MHz, we did little because it was only
one band out of many.

When they came to shove the ECPA down eveyone else's throats, we did
nothing because it "didn't affect us".

When they banned scanners that could receive certain frequencies, we did
nothing because it "didn't affect us".

And when they came to shut down amateur radio and give all our spectrum
to commercial interests, no one spoke out because not only
did we not help them, but because all their rights were gone, too."

****

Nothing personal, Jim, because you seem like a level headed and clear thinking
kind of guy.

But you can take that last little ditty there in the quotes and take it
to ARRL HQ and tell them to put that in their pipes and smoke it, instead
of whatever it is that they ARE smoking......

As for the rest of us, *I* think it is time to start trying to pull
together other radio hobbyist organizations into a functional coalition.

If you are a member of such an organization, and have ANY kind of access to the officers of the group LOBBY them to do so. Write letters, make phone calls, send email if appropriate - whatever.

It is high time to fight back against spectrum losses and assaults on our rights......

ARRL can either join the fight or be left in the dust. Or as Lee Iacocca said, "either lead, follow, or get out of the way."

Duane
WB9OMC
(who has HAD it with being told what we CAN'T do......)

4163. Uniden 100XL Problem

Newsgroup: rec.radio.scanner
Date: 1994-05-25 17:29:03 UTC
From: jsg@panix.com
Message-ID: <2s01sv$fah@panix.com>
Source record: 274003

I have an old Uniden 100XL scanner. When it is turned on, I get static, but no display. Before I lost the instuction book, I recall that there was something in it about resetting the microprocessor by turning it on with a key combination or something.

Does anybody know how to do this? Please reply by e-mail.

Is anybody willing to fax me the instructions?

Thanks in advance.

JSG

4164. Re: PRO-46 ?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 17:36:45 UTC
From: lthomas@nyx10.cs.du.edu
Message-ID: <2s02bd$h4k@nyx10.cs.du.edu>
Source record: 274005

The pro-46 does not cover straight through 806-956. I'd bet that
it was done like that to save space. If you open the manual though, it
has the same ranges blocked as the pro-43.
It IS however a very good scanner. It is almost as good as the
pro-43 except for no hyperscan(but the pro-46 is MORE sensitive) and
triple conversion. Besides, since it is disco, you can get it cheap.

-Layne

4165. Re: Freeway Video Cameras (Houston)

Newsgroup: rec.radio.scanner
Date: 1994-05-25 18:30:39 UTC
From: magnet@nRCHs022.In, arnim@lenti.med.umn.edu
Message-ID: <2s05gf$otq@corpgate.nt.com>
Source record: 274012

```
|> The cameras here in Mpls are all tied in through a fiberoptic trunk. I
|> would assume that the pan/tilt controls are sent through this too. The
|> "antenna" is definately a lightening rod.
|> .
|>
```

If this *is* a lightening rod, I wonder how effective it would be? Seeing as a bolt of lightning travels over larger distances than would seem to be present in this depiction. Wouldn't the energy from the bolt arc accross the span between the "rod" and the camera?

By the by, has anyone got any good information on protecting those outside discones from lightning? Arresters and grounding techneques?

-Brad
--

4166. I want to buy a Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-25 18:40:18 UTC
From: tshissl@orion.it.luc.edu
Message-ID: <2s062i$8f3@apollo.it.luc.edu>
Source record: 274022

I am looking to buy a scanner in the near future, and would like the phone number or recomendations of where to go to purchase one. I want to stay away from radio shack because I have not been pleased with their quality. Please e-mail me with this info soon. I have heard of a place called scanner world that has a catalog that you can order them trough. I would also like some info on this as well.
Thanks, Todd

4167. Re: Anyone own the MAX 800 from Cellular Sercurity Grp?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 19:18:46 UTC
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Message-ID: <1994May25.191846.25545@mixcom.mixcom.com>
Source record: 274019

In <CqC02o.A37@freenet.carleton.ca> an678@FreeNet.Carleton.CA (Robert C. Walker) writes:

>The price seems outrageous, and I know people who have built their own
>versions of the MAX 800. But, the unit is well built and really helps.
>But, remember when you plug it in to the 2006 you'll certainly decrease
>the reception on other bands!

>BTW, the difference between the handheld and tabletop versions of the MAX
>800 is only in the connectors supplied. I've the table version which
>comes with a 90 degree BNC to PL259 adapter (which the antenna is built
>on).

>Overall good antenna...I'd buy another one if I needed it!

As I understand it, the MAX800 is a 1/4 wave groundplane designed
for 800/900 MHz. It is NOT a wide-band antenna. I've built my own
1/4 wave 800/900 MHz ground plane from an SO239 (UHF female panel
mount) connector and welding rod. Sucks in 800 and 900 MHz stuff
like crazy. Total cost (with coax): about $10.00.

The 1/4 wave ground plane (and many other antennas) can be found in
the book "Now Your Talking" available at Radio Shack. "Now your talking"
will provide you with everything you need to know to get your
no-code TECHNICIAN CLASS amateur radio licence. It also contains a
wealth of information (such as ground plane antenna design) even if
you are not interested in joining amateur radio.

Why not save a little money and learn something along the way??

Have fun.

--
/`-_ kevin.jessup@mixcom.com | Vote Libertarian!
{ }/ |
\ / N9SQB, ARRL, Amateur Radio | Call 1-800-682-1776
|__*| N9SQB @ WA9POV.#MKE.WI.USA.NA | for more information.

4168. Re: helping cops by scann

Newsgroup: rec.radio.scanner
Date: 1994-05-25 19:32:08 UTC
From: Gbelton@deathstar.cris.com
Message-ID: <2s093o$3sl@deathstar.cris.com>
Source record: 273995

> He said he owes me one. I'd say that's grateful.;)

I once had a neighbor who dealt drugs. What makes this a good story is that he was stupid enough to arrange drug deals using a *cordless* phone.

I taped a couple of these calls and brought the tape down to the local police station. I played it for the guy at the front desk, and he got real excited and made a phone call. A couple of detectives came out and listened to the tape, writing down some details like times, places, and phone numbers that were mentioned.

That night they were able to watch the entire drug deal and arrest the seller and the buyer. They not only called me to express their appreciation, but they showed their gratitude with a nice cash reward from the Crimestoppers program.

... "Mr. Worf, fire phasers at Jackson@longlast.cs.nyu.e" ... Zzzzzap!
--- Blue Wave/QWK v2.10

4169. Re: Scanners as home security

Newsgroup: rec.radio.scanner
Date: 1994-05-25 19:57:23 UTC
From: dseitel@crl.com
Message-ID: <2s0aj3$eoo@crl2.crl.com>
Source record: 274018

Neil Scott wrote:
> I have had a scanner(s) for the past 10 years. I have found them to be
> an innovative home security device.

A few years ago, my next-door neighbor's wife was being harassed by
"heavy-breathing" phone calls. Having enough of it, her husband, a
scanner buff, left the scanner on--loud, and set to the local police
channel. The "breather" called back one more time, apparently heard
"the police radio" in the background, and never called again.

David Eitelbach
--
"Old people like to give good advice as solace for no longer being able
to provide bad examples."
--La Rochefoucauld

4170. mod for Pro-33 ?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 19:58:01 UTC
From: mas@elm.circa.ufl.edu
Message-ID: <2s0ak9INN36q@no-names.nerdc.ufl.edu>
Source record: 273997

Does anyone know of a modification for the Pro-33 scanner. It seems like the oak.oakland.edu:/pub/hamradio/mods directory has everything but this model. Are any of the other model's modification procedures the same, so that I can use those instead? Thanks.

/--\
| Mark Schneider University of Florida |
| mas@elm.circa.ufl.edu 904-335-6511(Voice)/4932(Fax/Modem) |
\--/
<< In Stereo Where Available >>

4171. Re: Pro 43 problem

Newsgroup: rec.radio.scanner
Date: 1994-05-25 20:13:09 UTC
From: albert@sc.hp.com
Message-ID: <2s0bgl$ctu@hpscit.sc.hp.com>
Source record: 274023

Frank J. Reda (reda@gandalf.rutgers.edu) wrote:
> I bought a Pro 43 a few months ago. All in all, I like it, but I have
> one complaint. In the range from 155-156 Mhz I frequently hear
> 'data-like' transmissions. They appear to be 'bleeding' in from
> adjacent freqs, because they are never actually clear on their own,
> and they only occur when I have legitimate carrier on any of the freqs in that
> range.

Yep, I have the same problem. I am in the SF Bay Area.
Others have said it is "intermodulation distortion".

If anybody has any ideas, I would love to try them.

Albert

4172. Re: Scanners as home security

Newsgroup: rec.radio.scanner
Date: 1994-05-25 20:18:42 UTC
From: magnet@nRCHs022
Message-ID: <2s0br2$oil@corpgate.nt.com>
Source record: 274020

David S. Eitelbach (dseitel@crl.com) wrote:
: Neil Scott wrote:
: > I have had a scanner(s) for the past 10 years. I have found them to be
: > an innovative home security device.

: A few years ago, my next-door neighbor's wife was being harassed by
: "heavy-breathing" phone calls. Having enough of it, her husband, a
: scanner buff, left the scanner on--loud, and set to the local police
: channel. The "breather" called back one more time, apparently heard
: "the police radio" in the background, and never called again.

Of course, as you know, this is illeagle. (retrans of police xmit)
:):):):):)

--
brad.glidewell@nt.com
_ /|
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=(___)=
U

4173. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 20:53:18 UTC
From: <>
Message-ID: <2s0dru$b25@wizard.uark.edu>
Source record: 274024

mjh@stekt9.oulu.fi (Mauri Haikola) writes:

>Well, they have the tape and you don't. Unless you taped the call
>too. I guess erasing parts of the tape isn't too difficult for the
>dispatchers. In any case, I would feel I was going way out on a limb
>in trying to pull such a "Rodney King" stunt on them without a proof
>of my own.

Most departments ('cept maybe little PoDunk SOs) use multi track
recorders that have a date/time stamp encoded on one track. "Most" also
have procedures that must be followed regarding changing of tapes and
appropriate record-keeping. Tough to hide stuff when you've got to
account for every minute.

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Peter Laws <plaws@comp.uark.edu> | "The '90s are gonna make the '60s
n5uwy@ka5bml.#nwar.ar.usa.noam | look like the '50s" - Dennis Hopper

4174. 494.937 Cable Service?

Newsgroup: rec.radio.scanner
Date: 1994-05-25 21:24:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.4879.5773.0N19FB19@canrem.com>
Source record: 273939

> I recently ran across activity on 494.937 in the Princeton NJ area-
> the traffic is obviously a Cable TV company service fleet. What is
> weird here is that I have the entire NJ FCC database on hand, and fail
> to find any frequency like that in use. OK, OK. I hear you- Images.
> It must be a multiple of the IF on my BC 760xlt. So I try increasing
> and decreasing the frequency in steps of 10.7 (and 10.3 since I
> couldn't quite remember) Mhz. I did find other traffic on some
> multiples, but not this same frequency. I appear to be hearing the
> repeater output, as both the base and mobiles are there.
>
> So- is there any way to tell if I am hearing the correct frequency or
> an image? I am also probably misunderstanding how the IF multiples
> work: what is the correct way to determine the actual frequency?

Did you try subtracting 21.6? Seems to me that this is the source of most
image freqs. on the older Bearcats.

Steve
* JABBER v1.1 * And God said: E = mv2 - Ze2/r ...and there *WAS* light!

4175. Re: Trident 2400

Newsgroup: rec.radio.scanner
Date: 1994-05-25 21:59:59 UTC
From: schuster@panix.com
Message-ID: <2s0hov$16h@panix2.panix.com>
Source record: 273925

In article <CqCzq4.9xv@ryn.mro.dec.com>,
My name is... <klimasewski@fccvde.enet.dec.com> wrote:
>I have seen a few adds for the TRIDENT 2400 scanner and it looks just like
>a MVT7100 w/ extended freq coverage. Can anyone confirm this??

It is not. The Trident 2400/Camnis HSC-050 is manufactured by Nissei; like
previous AOR/Fairmate handhelds. The Yupiteru is manufactured by Yupiteru,
and is a different animal.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4176. Indy 500 Freqs HERE!

Newsgroup: rec.radio.scanner
Date: 1994-05-25 23:03:02 UTC
From: kd282s328@sycom.mi.org
Message-ID: <kd282s328.7424@sycom.mi.org>
Source record: 273942

FORMATTED FOR 80 COLUMN OUTPUT

Indy 500 Frequencies 1994
5/24/94 revision (I will post at least one more revision most likely)
(s)=Denotes Scrambled Communications

Car Driver Frequency(s)
1 Nigel Mansel 461.2875 468.2250
2 E. Fittipaldi 852.1875(s) 855.7875(s) 856.7875(s)
859.8375(s) 858.8375(s) 851.0375(s)
851.0375(s)
3 Paul Tracy 855.7875(s) 856.9125(s) 856.7875(s)
859.8375(s) 858.8375(s) 851.0375(s)
4 Bobby Rahal 468.2625 469.2625 463.8875
466.3125
5 Raul Boesel 466.1875 462.0875 464.9125
6 Mario Andretti 461.7125 462.6500 468.3625
7 Adrian Fernandez 464.5625
8 Michael Andretti 467.0375 464.0375 462.2625
9 Robby Gordon 461.0625 463.2375 461.0125
10 Mike Groff 462.8125 467.8375
11 Teo Fabi 464.9375 467.1875 465.7375
460.3125
12 J. Villeneuve 466.5375
14 Brian Herta 461.8375 463.9875 457.5875
457.5375 461.4375 456.9125
16 Stephan Johansson 853.4875 855.5875
17 Dominic Dobson 463.4625 468.4625
18 Jimmy Vassar 467.0875
19 Brian Till 460.0875
21 Roberto Guerrero 461.8125
22 Hiro Matshusista 462.0875 464.9125 466.1875
465.0125
25 Marco Greco 467.7500 468.8125 468.2125
465.0125
27 Eddie Cheever 467.7625
28 Arie Luyendyk 465.2375 461.2375
31 Al Uncer Jr. 854.8375(s)
33 John Andretti 463.9875
40 Scott Goodyear 463.7375 468.7375 469.2375
45 John Paul Jr. 461.2125
59 Scott Brayton 468.7625
71 Scott Sharp 461.7625 466.7625
79 Dennis Vitolo 461.4125
88 Manricio Gugelmin 469.8875

90 Lyn St. James 463.7625
91 Stan Fox 469.6250
99 Hideshi Matsuda 466.4125

USAC Race Control 821.6875
USAC Officials 935.1375 935.1500 936.6375
Safety Vehicles 453.3000 458.7500
Infield Medical 155.2500 157.6350

Indy PA System 470.0500
Indy Radio Net 450.8375
ESPN 455.5500
ABC TV 159.2700]

Also Check for media from 450-451 Mhz
and from 455-458 Mhz.

End of File

4177. Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-05-25 23:30:00 UTC
From: eric.jellison@windmill.com
Message-ID: <59.2377.4048.0N63B286@windmill.com>
Source record: 273930

I own a Realistic Pro-43. I am glad to read that I have a good scanner.
It picks up the following freqs.:

30-54 MHz
118-174 MHz
220-512 MHz
806-823.9375 MHz
851-868.9375 MHz
896-999.9875 MHz

Are there any modifications that can be made so that it can pick up more
freqs., and if so what do I do, and what freqs. will it give me.
Thanks

... . Group Photo
___ Blue Wave/QWK v2.12

4178. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 00:46:16 UTC
From: moore@ssd.intel.com
Message-ID: <CqDwt5.IIE@SSD.intel.com>
Source record: 273938

johnsonk1@yvax.byu.edu writes:

>My wife never saw the green Chevy, but I would be interested in hearing
>about it if anyone has ever been able to help the police thanks to some-
>thing they heard while scanning.

This isn't my story, but it happened while I was listening one night. There was a serious car accident in a rural area west of Portland. Fire and county sheriff were on the scene and Life Flight was activated. The accident scene was on the far side of a hill and there was patchy fog in the area, so the chopper was having a real hard time finding the scene. The chopper was on Fire's freq trying to get directions, but the fireman couldn't see over the trees or past the hill enough to see the light on chopper.

Then the Fire dispatcher comes on and says there is a scanner listener who has been following the situation, can see the chopper, and knows the area of the accident scene. "The person with the scanner says the scene is due West of your current location about three miles." After a little more assisted navigation, they found the scene. The fire dispatcher sounded a little skeptical at first, but everyone sounded appreciative once the scene was located.

--
| Wayne Moore CO4-06 e-mail: moore@ssd.intel.com
| Intel Supercomputer Systems Division phone: 503/629-4380
| 15201 NW Greenbrier Pkwy fax: 503/690-4302
| Beaverton, OR 97006

4179. Re: PRO-46 ?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 01:15:52 UTC
From: robin@uhunix.tmc.edu
Message-ID: <CqDy6G.AAJ@news.Hawaii.Edu>
Source record: 273951

In article <2s02bd$h4k@nyx10.cs.du.edu> lthomas@nyx10.cs.du.edu (Layne Thomas) writes:
> The pro-46 does not cover straight through 806-956. I'd bet that
>it was done like that to save space. If you open the manual though, it
>has the same ranges blocked as the pro-43.
> It IS however a very good scanner. It is almost as good as the
>pro-43 except for no hyperscan(but the pro-46 is MORE sensitive) and
>triple conversion. Besides, since it is disco, you can get it cheap.
>
>-Layne

Yes, there are many holes in the 46, but if you look in
kilroy.jpl.nasa.gov /pub/hamradio/Mods ; there is the
pro46.mod that will get rid of those holes.
Goodluck, I got one and did the mod.

--
----

rob

4180. Re: Frequencies for Langley AFB and NAS Oceana

Newsgroup: rec.radio.scanner
Date: 1994-05-26 01:19:03 UTC
From: jimc1790@aol.com
Message-ID: <2s0te7$9c@search01.news.aol.com>
Source record: 273937

In article <27@monitor.win.net>, jembry@monitor.win.net (Jeff Embry) writes:

There is a local BBS in the area dedicated to local scanner users. It's called ODDX and it's number is 930-9563. There are several public files on the board with lots of freqs (from military to PSB). Just post a general message to all and ask for help or info if you need it.

Just curious but where are you stationed now and what is your specialty ?

Jim

4181. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 01:24:05 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May25.202405.2382@hnrc.tufts.edu>
Source record: 274008

[Whoops. Forgot the smileys!]

In article <heglowstein.769844397@BIX.com>, heglowstein@BIX.com (heglowstein on BIX) writes:
> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
>
>>It fact, it is legal, even if it's cheezy in some
>>circumstances, for broadcasters to tape and retransmit amateur radio
>>transmissions.
>
> The Communications Act of 1934 specifically prohibits disclosing
> the contents of any radio discussion you hear, unless that broadcast
> was intended for public reception.

I am trying very hard not to start a flame about *authoritative*
pronouncements when the poster has not does his/her homework.
Please read the act and/or post the specific language to which
you refer. :-) :-) :-)

> Taping and retransmitting amateur radio broadcasts may be cool
> if the original broadcaster intended it to be public. Then again,
> it could be copyrighted as well.

Section 705 Communications Act of 1934, regarding the
prohibition on divulging radio transmissions, states, "This
section shall not apply to the receiving, divulging,
publishing, or utilizing the contents of any radio
communication . . . which is transmitted by an amateur radio
station or by a citizens band radio operator . . ." Sorry I
don't have time to correct the other errors. It's a busy
week. Maybe this weekend.

4182. Retransmission can of worms

Newsgroup: rec.radio.scanner
Date: 1994-05-26 01:30:24 UTC
From: dhughes@prairienet.org
Message-ID: <2s0u3g$mt3@vixen.cso.uiuc.edu>
Source record: 274014

>:...The "breather" called back one more time, apparently heard
>: "the police radio" in the background, and never called again.
>
>
>Of course, as you know, this is illeagle. (retrans of police xmit)

So Brad, this brings up an interesting question--must I turn off my scanner every time my phone rings? Am I retransmitting commercial broadcast signals illegally if my mother can hear my TV in the background when she calls me? If I don't turn my car radio down before I talk on the CB can the record companies come after me for rebroadcasting their copyrighted music?
--

4183. Dual cellphone antennas?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 02:01:51 UTC
From: carmean@rain.org
Message-ID: <2s0vuf$db@rain.org>
Source record: 274011

I often see what appear to be two cellular phone antennas on vehicles. Do some cellular phones have diversity receivers, or do these folks just have two phones in their cars?

--
David L. Carmean, WB6YZM. Santa Barbara, California, USA
carmean@coyote.rain.org, usapmdlc@ibmmail.com (work-related junk)

4184. Which Scanner should I buy?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 03:17:15 UTC
From: kbethke@cscns.com
Message-ID: <CqE3ss.C55@cscns.com>
Source record: 274017

Im sick and tired of my BC 760XLT. Its junk! Besides this I want a hand held, and short wave. I used to think the AOR1500 would be a dream come true. I need this range of freq's, with SPEED! The police in my area have gone to a 800Mhz truncked system, so speed helps in this situation. My Price Range is $400 to $700. Please let me know what to get and why. I will sum. and post results if there is enough interest.

Thanks
-Kenneth Scott Bethke
kbethke@cscns.com

4185. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 07:03:28 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994May26.000328.7893@yvax.byu.edu>
Source record: 273927

```
In article <CqAuzI.KnB@dorsai.org>, vector@dorsai.org (Tequila Mokingbird) writes:
> In article <1994May22.223651.7848@yvax.byu.edu>,
> <johnsonk1@yvax.byu.edu> wrote:
>>My wife never saw the green Chevy, but I would be interested in hearing
>>about it if anyone has ever been able to help the police thanks to some-
>>thing they heard while scanning.
>>
> Well, I am really not sure about the laws in all states, but here in
> Oklahoma, there is some law that states you can't use ANY information
> gained by a scanner for personal gain...be it lawful or otherwise. I used
^^^^^^^^^^^^

If the statute really says "personal gain," I don't see how informing the
police about a crime or the whereabouts of a criminal could be illegal. I
doubt that would be "personal gain."

,,__________________,
~\/(____(o(___________(+-----------------------+
_/ (____(o| |Ken Johnson KB7ZLM |
) _______/ |johnsonk1@yvax.byu.edu|
/ /(_(_) +-----------------------+
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/ |
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4186. RADIO MOSCOW-COMMON INFO

Newsgroup: rec.radio.scanner
Date: 1994-05-26 07:16:51 UTC
From: raes@ramis.uucp.free.msk.su
Message-ID: <AA7m2vjC1A@ramis.uucp.free.msk.su>
Source record: 273970
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.msc,rec.radio.scanner,rec.radio.cb,alt.radio.scanner,alt.radio.pirate

COMMON INFO

Dear Sir or Madam,

The purpose of this letter is to present Radio Moscow
International - the radio broadcasting company "Voice of Russia".

Radio Moscow International is one of the world's largest radio
broadcasting corporations.

Radio Moscow International has now been broadcasting to all parts
of the globe for almost 65 years. Listeners all over the world have
become used to its programmes during these years. Broadcasting is
carried out from our studios located in the heart of Moscow, in
Pyatnitskaya Street, to the countries of Europe, Asia and Africa, the
Middle East, North, Central and South America, Australia and Japan.

OUR AUDIENCE EXCEEDS 100 MILLION PEOPLE!

Prominent politicians, businessmen, bankers, people from culture
and the arts are invited to take part in the programmes of Radio Moscow
International. An analysis of listeners' letters shows that almost
every business proposal, included in these programmes, finds an
addressee and is usually successfully implemented.

WE OFFER YOU A UNIQUE OPPORTUNITY!

The World Service is a "Bureau for Classified Ads".

Today anyone can utilize our airwaves for giving information or
for advertising - and which will be heard throughout the whole world.

The commercial department of Radio Moscow International offers a
complete service - to produce a commercial about your product or
services and broadcast it in our programmes.
A one minute commercial broadcast by Radio Moscow International
costs between 140 and 250 US dollars, dependent upon the time of the
broadcast. You will find no better value anywhere!

ATTENTION: Production of Video and Audio Clips!

The Commercial Department can ensure for you:

* The production of video clips, logos, running lines and
videofilms by way of computer drawing, re-recording.
* The production of audio clips in any language.
* The placing of commercials in all TV and radio programmes at the

prime time and beaming to all CIS regions.
* Preparation and broadcasting of commercial interviews in the important reports or full-length TV and radio programmes and ads of individuals in the Russian and international wavelengths.
* The sale of segments of air time to broadcast to any region of the world.
* Live or pre-recorded air-links at the client's request.
* Leasing studios for the production and cutting of video films (BETACAM SP.), leasing professional video-cameras (BETACAM SP.).
* Provision on a contract basis of radio frequencies (short and medium waves) for a client's individual programmes; leasing a studio complex; leasing satellite communication channels; the sale of a TV communication channel.

 OUR AIM IS FOR A HIGH QUALITY AND RAPID FULFILMENT OF ORDERS
FOR VERY REALISTIC PRICES.

4187. RADIO MOSCOW-PROGRAMM SCHDL/1-st half of 1994

Newsgroup: rec.radio.scanner
Date: 1994-05-26 07:17:43 UTC
From: raes@ramis.uucp.free.msk.su
Message-ID: <AArd3vjC1A@ramis.uucp.free.msk.su>
Source record: 273904
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.msc,rec.radio.scanner,rec.radio.cb,alt.radio.scanner,alt.radio.pirate

Attn:1-st half of 1994 only!
DAILY AND WEEKLY FEATURES
OF RADIO MOSCOW INTERNATIONAL

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_____________________________________________________________________________
LANGUAGE ? COUNTRY ? PROGRAMMES
? ? TIME (Moscow)
___________?_____________________________?_____________________________
English ? All English-speaking ? News, News and Views,
? countries ? Newmarket, Audio Book
? ? Club, Musical programmes,
? ? Commercial Advertisements,
? ? etc.
___________?_____________________________?_____________________________
French ? France, Belgium, Switzerland, ? News, Business Club,
? Canada, Algeria, Morocco, ? News and Views
? Libya, Tunisia, Mauritania, ? 17:00-05:00
? Guinea, Zaire, Mali, Cameroone, ? 09:00-12:00
? Burkina-Faso, Cote d'Ivoire ?
___________?_____________________________?_____________________________
German ? Germany, Austria, Switzerland, ? News, DX Club, Business-
? Belgium, Luxemburg, ? Courier, Round Table
? the Netherlands ? Discussion, Echo of the
? ? Week
? ? 13:00-15:00
? ? 19:00-00:00
___________?_____________________________?_____________________________
Italian ? Italy ? News, News and Views,
? ? Business Club, We and You
? ? 21:00-01:00
___________?_____________________________?_____________________________
Japanese ? Japan ? News, Business Club,
? ? Round Table Discussion
? ? 13:00-15:00
? ? 15:00-16:00
? ? 17:00-18:00
? ? 14:00-14:30/Sunday/
? ? 14:00-14:30/Tue-repeat/
.
___________?_____________________________?_____________________________
Chinese ? China ? News, Business Club,
? ? Round Table Discussion
? ? 08:00-11:00
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? ? 11:00-20:00
? ? Sat 13:00-15:00
? ? 15:00-16:00
? ? 19:00-20:00
? ? Sun 12:00-13:00 (repeat)
__________?_____________________________?_____________________________
Spanish ? Spain and the Spanish- ? News, Conference-Hall,
? speaking Latin American ? Meeting Businessmen,
? countries ? Kaleidoscope, Hallo
? ? 22:00-02:00 (Spain)
? ? 02:00-09:00 (Latin America)
__________?_____________________________?_____________________________
Portuguese? Portugal, Mozambique, ? News, Conference-Hall,
? Angola, Guinea-Bisau, ? Meeting Business,
? Cuba-Vera, Santa-Fe, ? Kaleidoscope, The Russian
? Principe, Brazil ? Samovar, Hallo
? ? 02:00-05:00 (Brazil)
? ? 22:00-02:00 (Latin American
? ? countries)
__________?_____________________________?_____________________________
Greek ? Greece, Cyprus ? News and Commentaries
? ? 21:00-00:00
__________?_____________________________?_____________________________
Czech ? Czechia ? News, News and Views:
? ? Facts, Events, Commentaries
? ? 19:00-19:23
? ? 21:00-21:59
__________?_____________________________?_____________________________
Slovak ? Slovakia ? News, News and Views
? ? 19:30-19:59
? ? 22:00-22:59
__________?_____________________________?_____________________________
Serbian- ? Yugoslavia (Serbia, ? News, At Home and Abroad,
Croatian ? Montenegro), Croatia, ? Panorama
? Bosnia and Herzegovina ? 20:00-20:59
? ? 23:00-23:59
__________?_____________________________?_____________________________
Slovenian? Slovenia ? News, At Home and Abroad,
? ? Panorama
? ? 21:00-21:59
__________?_____________________________?_____________________________
Albanian ? Albania ? News, Topical Interview
? ? 00:00-00:59
? ? 22:00-22:59
__________?_____________________________?_____________________________
Bulgarian? Bulgaria ? News, News and Views
? ? 20:00-20:59
? ? 22:00-22:59
__________?_____________________________?_____________________________
Hungarian? Hungary ? News, News and Views
```

? ? 20:00-20:59
? ? 23:00-23:59
_____?_____?_____
Polish ? Poland ? News, Facts and Commentaries
? ? 19:00-19:59
? ? 20:00-20:59
? ? 22:00-22:59
_____?_____?_____
Arab ? Asian and African ? News, Business Club,
? Arab-Speaking countries ? Cultural and Musical News
? ? 15:00-23:30
_____?_____?_____
Rumanian ? Rumania ? News, Studio-96
? ? 20:00-21:00
? ? 21:00-22:00
_____?_____?_____
Dutch ? Holland ? News, Time and We,
? News and Views
? ? 21:00-22:00
_____?_____?_____
Danish ? Denmark ? News, Time and We
? ? News and Views
? ? 23:00-24:00
_____?_____?_____
Norwegian? Norway ? News, Time and We,
? ? News and Views
? ? 21:00-22:00
_____?_____?_____
Finnish ? Finland ? News, Time and We,
? ? News and Views
? ? 20:00-21:00
_____?_____?_____
Swedish ? Sweden ? News, Time and We,
? ? News and Views
? ? 22:00-23:00
_____?_____?_____
Korean ? Korea, Japan, ? News, Round Table
? China ? Discussion
? ? 12:00-13:00
? ? 14:00-15:00
? ? 16:00-17:00
? ? Business Club
? ? 16:00-17:00 /Friday/
? ? 14:00-15:00 /Sunday/
_____?_____?_____
Mongolian? Mongolia, China ? News, Round Table
? ? Discussion
? ? 15:30-16:30 /China/
? . ? 16:30-17:00
? ? 17:00-18:00

? ? 18:00-19:00
? ? Business Club
? ? 17:00-18:00 /Thursday/
? ? 15:30-16:30 /Sunday,
? ? China-repeat/
_____?_____?_____
Bengali ? India, Bangladesh ? News, Round Table
? ? Discussion
? ? 14:00-15:00
? ? 16:00-16:45
? ? 18:00-19:00
? ? Business Club
? ? 16:00-16:45 /Saturday/
? ? 14:00-15:00 /Sunday,repeat/
_____?_____?_____
Nepali ? Nepal ? News
? ? 16:45-17:00
_____?_____?_____
Amhar ? Central and South ? News, Time and We,
Afrikaans? African states ? Business Club
Suahili ? ? 16:30-21:30
Hausa ? ? 17:00-20:30
? ? 14:30-23:00
_____?_____?_____
Urdu ? India, Pakistan ? News, Round Table
? ? Discussion
? ? 14:00-15:00
? ? 16:00-17:00
? ? 18:00-19:00
? ? Business Club
? ? 16:00-17:00 /Sat/
? ? 18:00-19:00 /Sun,repeat/
_____?_____?_____
Hindi ? India ? News, Round Table
? ? Discussion
? ? 15:00-16:00
? ? 17:00-18:00
? ? 19:00-20:00
? ? Business Club
? ? 15:00-16:00 /Sat/
? ? 19:00-20:00 /Sun,repeat/
_____?_____?_____
Tamili ? India ? News, Round Table
? ? Discussion
? ? 17:00-18:00
_____?_____?_____
Vietnamese? Vietnam ? News, Round Table
? ? Discussion
? ? 15:00-16:00
? ? 17:00-18:00

? ? Business Club
? ? 17:00-18:00 /1,3 Friday/
? ? 15:00-16:00 /rebroadcasting
? ? Sat/
? ? 17:00-18:00 /rebroadcasting
? ? Sunday/
_____?_____?_____
Indonesian? Indonesia ? News, Round Table
? ? Discussion
? ? 14:00-15:00
? ? 16:00-17:00
? ? Business Club
? ? 16:00-17:00
? ? 16:00-17:00
_____?_____?_____
Thai ? Thailand ? News, Round Table
? ? Discussion
? ? 16:00-17:00
? ? Business Club
? ? 16:00-17:00 /1,3 Tuesday;
? ? rebroadcasting Sunday/
_____?_____?_____
Burmese ? Burma ? News, Round Table
? ? Discussion
? ? 15:00-16:00
_____?_____?_____
Khmer ? Cambodia ? News, Round Table
? ? Discussion
? ? 16:00-17:00
_____?_____?_____
Turkish ? Turkey, Greece ? News, Business Club
? ? 15:30-20:00
_____?_____?_____
Persian ? Iran ? News, Business Club
? ? 17:00-21:00
_____?_____?_____
Pushtu, ? Afghanistan ? News, Business Club
Dari ? ? 15:30-19:00
_____?_____?_____
Somalian ? Somali ? News, Business Club,
and We
? ? 17:00-20:30

Some info about wave schedule:
RUSSIA
---
* RADIO MOSCOW, Moscow; is scheduled in German at:
0900-1100 on 1323, 15125, 15280 (1000-1100), 15305, 15420 and
17670 kHz,

1500-2000 on 1323 (1500-1800), 1386, 6130 (1700-1900), 7280, 9470
(1600-1800), 11980, 12010 (1600-2000) and 15455 (1500-1800) kHz.
(WWH, 5/94)
* VOICE OF RUSSIA, Moscow; is transmitting a "DX Club" programme in
Russian at:
0130-0145 (Mon) on 9720, 11850, 11900 and 12035 kHz,
0430-0445 (Mon) on 9450, 9605, 9720, 11850, 11900, 12035,
13735(USB), 15110, 15130, 15155 and 15295 kHz,
0530-0545 (Thu) on 9450, 9605, 11850, 11900, 11930, 12035,
13735(USB), 15110, 15130 and 17745 kHz,
0830-0845 (Mon) on 11675, 12035, 13625, 13735(USB), 15435 and
21770 kHz,
1130-1145 (Sun) on 11675, 13680, 13735(USB), 15295, 15430, 17620,
17745, 17885 and 21845 kHz,
1430-1445 (Sun) on 11725, 11835, 12035, 12040, 12045, 13625,
15430, 15450 and 21845 kHz,
1530-1545 (Wed) on 9450, 11725, 11800, 11830, 11835, 11900, 11970,
12040, 12045, 13735(USB), 15430, 15450 and 21845 kHz,
1830-1845 (Wed) on 9450, 11725, 11830, 11900, 11970, 12040, 12045,
13735(USB), 15110, 15515, 15700 and 21845 kHz,
2230-2245 (Wed) on 9720, 11850, 11885, 11900 and 15155 kHz.
The station is controlled by the All-Russian State Television and
Radio Broadcasting Company. (BBCM, 13/5/94)

WITH THANKS TO (in alphabetic order):
(BBCM) = BBC Monitoring (c) - United Kingdom.
(RW) = "Radio World" (R.Vlaanderen Int.) - Belgium.
(WWH) = 'Weltweit Horen' - Germany.

==========
| All times mentioned are in GMT/UTC. |
| All data may be copied and reproduced without permission by |
| non-profit organizations and individuals on condition that credit |
| is given to: Radio Moscow Internatiomal, AES-Russian and
(wave schdl info only) Jan Nieuwenhuis (editor BDXC-bulletin). |
==========
We'd like to help Radio Moscow Int. to keep contacts with you through
e-mail:raes@ramis.uucp.free.msk.su

4188. Re: Help with cell mod for 2006,need specific hints.

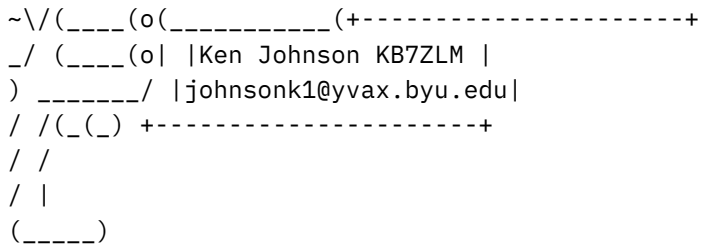
Newsgroup: rec.radio.scanner
Date: 1994-05-26 07:19:39 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994May26.001939.7894@yvax.byu.edu>
Source record: 273928

In article <2rtr14$f7h@inca.gate.net>, habu@inca.gate.net (Michael Fink) writes:
> I would like to attempt the cellular mod on my new 2006,I have the instructions
> but I have never gone inside a scanner before. The instructions say all I
> need to do is clip one of the diodes. My question is how far do I clip it,
> whats the best tool and are there any other little tidbits I should know?
> Please be very specific,I am a newbie at this stuff.
>
> Thanks Mike
>

If I were to do such a thing, I would clip the wire at its bend with a small
pair of wire cutters. I'll bet a strong pair of fingernail clippers would
have worked for me, and the whole job would have taken about 2 minutes--if
I had actually done this to my 2006. Completely sever the wire and separate
the two ends slightly.

```
| |
| [ ]
| [ ] < diode
| [ ]
| |
|__|
^
|
clip here
```

(Top View)



4189. 70XLT Mods Needed!

Newsgroup: rec.radio.scanner
Date: 1994-05-26 07:55:19 UTC
From: Minotaur@cyberden.com
Message-ID: <1166868479.47675841@cyberden.cyberden.com>
Source record: 274021

I recently purchased a Uniden scanner, model 70XLT. I would like to increase it's reception range so that it would include 800MHz and above. Is this modification possible on this particular model? If it is, would anyone mind sharing exactly how to do it? Thanks.--
The CyberDen - Worldwide Alternative Music & Entertainment Network
24 Hour GUI access @ 415.472.5527 or telnet cyberden.com
_Music___Culture___CyberLink___CyberInfo___Software___Salvation_

4190. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 12:04:36 UTC
From: jkearman@arrl.org
Message-ID: <1994May26.120436.2016@arrl.org>
Source record: 273965

Duane P Mantick (wb9omc@constellation.ecn.purdue.edu) wrote:
: jkearman@arrl.org (Jim Kearman (KR1S)) writes:

: >: the "Electronic Communication Piracy Act"

: But I'm sick and tired of the IRRL (Imperial Radio Relay League)
: looking at the hobby as some god-given gift that can protect itself.
: IMHO, we need to get ACTIVE and we need to get active NOW before it is
: too LATE.

Okay, Wayne, so you're going to get off your duff and join
the League, eh? Get active, straighten us out.

Time to put your money where your mouth is.

73

Jim, KR1S

4191. Re: Retransmission can of worms

Newsgroup: rec.radio.scanner
Date: 1994-05-26 12:18:41 UTC
From: magnet@nRCHs022
Message-ID: <2s2431$ddg@corpgate.nt.com>
Source record: 273933

Dan Hughes (dhughes@prairienet.org) wrote:

: >:...The "breather" called back one more time, apparently heard
: >: "the police radio" in the background, and never called again.
: >
: >
: >Of course, as you know, this is illeagle. (retrans of police xmit)

: So Brad, this brings up an interesting question--must I turn off my
: scanner every time my phone rings? Am I retransmitting commercial

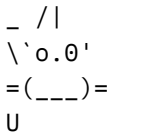
It would seem obvious to me that you must. ;-)

: broadcast signals illegally if my mother can hear my TV in the background
: when she calls me? If I don't turn my car radio down before I talk on
: the CB can the record companies come after me for rebroadcasting their
: copyrighted music?
: --

Yes, the letter of the law... What a burden!

(I hope you realize I wasn't being entirely serious, just a little sarcasim.
You ommitted my smiley face underlines in my original post in your relpy.)

Sorry if I upset you Dan, or the original poster, my appoligies.
--
brad.glidewell@nt.com [ALIAS: dudly-doright]



4192. Re: Dual cellphone antennas?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 12:22:50 UTC
From: magnet@nRCHs022
Message-ID: <2s24aq$ddg@corpgate.nt.com>
Source record: 273960

David Carmean (carmean@rain.org) wrote:
: I often see what appear to be two cellular phone antennas on vehicles. Do some
: cellular phones have diversity receivers, or do these folks just have two phones in their cars?

I'd like to add another question to this one.

Why do some police squad cars here in the Dallas area have three antenas mounted on the rear deck (or roof) in a triangle? Is this the MDT system?

--
brad.glidewell@nt.com

4193. Scanner Converter to 800 mhz Questions

Newsgroup: rec.radio.scanner
Date: 1994-05-26 12:38:03 UTC
From: NSVJM@TJUVM.TJU.EDU
Message-ID: <16FC2AD6F.NSVJM@TJUVM.TJU.EDU>
Source record: 273884

There is advertisement in J.C. Whitney catalog stating that they sell a converter for booth hand held and base stations that 'Expand the range of scanner radio' to include the 800 mhz frequency.' It goes for $85 to $90. Also, they sell a scanner radio preamp it boost signal reception up to 20db. This sell for $55 to $65.
I don't know much about scanner so any and all info would be helpful.
Thanks, John

4194. Virginia frequencies needed

Newsgroup: rec.radio.scanner
Date: 1994-05-26 13:09:52 UTC
From: me <PJB113@psuvm.psu.edu>
Message-ID: <94146.090952PJB113@psuvm.psu.edu>
Source record: 273935

I'll be going to Petersburg,Va. soon, does anyone have a frequency listing for the following areas?: Petersburg, Chesterfield County,Colonial Heights, Hopewell and any other place receptive to the Petersburg-Ettrick area, thanks.-PJB

4195. Re: Dual cellphone antennas?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 13:30:18 UTC
From: tollef@beaker.cc.wwu.edu
Message-ID: <tollef.769959018@beaker>
Source record: 273929

>: I often see what appear to be two cellular phone antennas on vehicles. Do some
>: cellular phones have diversity receivers, or do these folks just have two phones in
their cars?

Many times it is only one cell phone, the other antenna that looks like a
cell antenna is normally for an 800 Mhz system of some sorts... It uses the
curly antenna like cellular because of the gain at the short wavelength.

> Why do some police squad cars here in the Dallas area have three antenas mounted
> on the rear deck (or roof) in a triangle? Is this the MDT system?

The antennas on the rear deck are for a doppler dfing system. They tell the
direction of a signal and how far away it is. I assume that they calibrate
the distance finder to each individual radio system as it would be a
function of how much power each radio is running...

4196. Re: can some PRO-43's be modified, some not?y

Newsgroup: rec.radio.scanner
Date: 1994-05-26 14:00:17 UTC
From: bbb@kuhub.cc.ukans.edu
Message-ID: <1994May26.090018.64597@kuhub.cc.ukans.edu>
Source record: 273973

In article <1994May23.101322.2370@hnrc.tufts.edu>, jerry@hnrc.tufts.edu (Jerry Dallal) writes:
> In article <2rpf9t$im@rainbow.sosi.com>, jdewitt@rainbow.sosi.com (Jeff Dewitt) writes:
>> The serial number is 064855. Damn, I hope I didn't by the better scanner
>> for nothing. Thanx for any help.
>
> To date, the highest serial number that has been reported modified is 067473.
> I have not seen the unit myself, but have no reason to think the case is being
> misrepresented.

My pro-43 068705 modified.

In more ways than one! :)

BB

4197. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 14:06:06 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994May26.140606.5964@rsd.dl.nec.com>
Source record: 273961

In article <1994May25.123213.12489@arrl.org> zlau@arrl.org (Zack Lau (KH6CP)) writes:
>Yes, indeed. My guess is that amateur transceivers would actually
>work *better* as amateur receivers if they only covered the amateur
>bands. This is particularly important if you are trying to operate

Well, if the manufacturers actually did this you would be correct,
however, what they actually do is inhibit the DDS of MPU from generating
these freqs.

dave
==========
Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

In the absence of leadership, we have decided to follow ourselves.

4198. Re: Scanners as home security

Newsgroup: rec.radio.scanner
Date: 1994-05-26 14:11:21 UTC
From: cal@ee.ryerson.ca
Message-ID: <2s2am9$uu7@hermes.acs.ryerson.ca>
Source record: 273932

Brad Glidewell (magnet@nRCHs022) wrote:
: David S. Eitelbach (dseitel@crl.com) wrote:

: : A few years ago, my next-door neighbor's wife was being harassed by
: : "heavy-breathing" phone calls. Having enough of it, her husband, a
: : scanner buff, left the scanner on--loud, and set to the local police
: : channel. The "breather" called back one more time, apparently heard
: : "the police radio" in the background, and never called again.

: Of course, as you know, this is illeagle. (retrans of police xmit)
: :):):):):)

But then, :-), so too if you were to answer the phone standing next
to a cop with his/her radio on while a xmission came over! :-)

--
Calvin Henry-Cotnam, CATE | "...My brain IBM"
Ryerson Polytechnic University | "So if you see me, acting strangely..."
Toronto, Ontario, Canada | STYX, Mr. Roboto

4199. Re: Dual cellphone antennas?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 14:15:06 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994May26.141506.6337@rsd.dl.nec.com>
Source record: 273968

In article <2s0vuf$db@rain.org> carmean@rain.org (David Carmean) writes:
>I often see what appear to be two cellular phone antennas on vehicles. Do some
>cellular phones have diversity receivers, or do these folks just have two phones in their
cars?

Most cell phones are not two line capable. The OKI 9xx is multi-line
capable and can do things such as conferencing. Most cell phones also
cannot switch NAMs (service providers) which is important if you work
(drive) into and out of different service providers areas. Consequently,
lots of folks, especially in the construction industry have more than
one cell phone in their vehicles. My brother-in-law has three.

dave
==========
Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

In the absence of leadership, we have decided to follow ourselves.

4200. Re: Indy 500 Freqs HERE!

Newsgroup: rec.radio.scanner
Date: 1994-05-26 14:24:50 UTC
From: tcain@brtph87.bnr.ca
Message-ID: <1994May26.142450.23321@brtph560.bnr.ca>
Source record: 273936

In article <kd282s328.7424@sycom.mi.org> kd282s328@sycom.mi.org (Kristine Duffy) writes:
>FORMATTED FOR 80 COLUMN OUTPUT
>
>Indy 500 Frequencies 1994
>5/24/94 revision (I will post at least one more revision most likely)
>
Kristine-
Thanks a million!!
Tom
--
Tom Cain =WB8OUE on KO-23,KO-25= tcain@bnr.ca
NRA Life Member

4201. 494.937 Cable Service?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 14:48:00 UTC
From: dean.cotton@pile.wariat.org
Message-ID: <9405261055583654@pile.wariat.org>
Source record: 273943

SJ>From: steve.jones@canrem.com (Steve Jones)
>Newsgroups: rec.radio.scanner
>Subject: 494.937 Cable Service?
>Date: Wed, 25 May 94 17:24:00 -0400
>Message-ID: <60.4879.5773.0N19FB19@canrem.com>
>Organization: CRS Online (Toronto, Ontario)

SJ> > I recently ran across activity on 494.937 in the Princeton NJ area-
> > the traffic is obviously a Cable TV company service fleet. What is
> > weird here is that I have the entire NJ FCC database on hand, and fail
> > to find any frequency like that in use. OK, OK. I hear you- Images.
> > It must be a multiple of the IF on my BC 760xlt. So I try increasing
> > and decreasing the frequency in steps of 10.7 (and 10.3 since I
> > couldn't quite remember) Mhz. I did find other traffic on some
> > multiples, but not this same frequency. I appear to be hearing the
> > repeater output, as both the base and mobiles are there.
> >
> > So- is there any way to tell if I am hearing the correct frequency or
> > an image? I am also probably misunderstanding how the IF multiples
> > work: what is the correct way to determine the actual frequency?

SJ>Did you try subtracting 21.6? Seems to me that this is the source of most
>image freqs. on the older Bearcats.

SJ>Steve
> * JABBER v1.1 * And God said: E = mv2 - Ze2/r ...and there *WAS* light!

My BC760xlt has an IF of 10.85 Mhz, so try -21.7 Mhz. I have had other
weird images appear on my '760. Seems that the Feds put up a 5 channel
trunk system (I think it is at NASA Lewis) one of the freqs (407.95 or
407.15)has its image appear on top of one of the local PDs on
460.025 - I have no idea how that worked out! I solved the problem by
programming the PD in at +21.7 (481.725) - no fed image - just hear the
PD as I want it!

73
Dean N8DUJ

• QMPro 1.50 93-0000 • WILDCAT! BBS • QmodemPro • Off-Line Xpress: Perfection!

4202. Re: Dual cellphone antennas?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 15:05:31 UTC
From: rausch@rtsg.mot.com
Message-ID: <2s2drr$if9@delphinium.cig.mot.com>
Source record: 273974

In article <2s0vuf$db@rain.org>, carmean@rain.org (David Carmean) writes:
|> I often see what appear to be two cellular phone antennas on vehicles. Do some
|> cellular phones have diversity receivers, or do these folks just have two phones in their cars?
|>
|> --
|> David L. Carmean, WB6YZM. Santa Barbara, California, USA
|> carmean@coyote.rain.org, usapmdlc@ibmmail.com (work-related junk)

Yes, some cellular phones do have diversity receivers. Also, many cell sites have diversity receivers.

...David
--

David R. Rausch /\ /\ Motorola Cellular Infrastructure
Voice(708) 632-6730 / \/ \ 1501 W. Shure Dr. Suite 3223B
Fax (708) 632-4734 / \ Arlington Heights, Ill 60004

4203. Re: Dual cellphone antennas?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 15:12:23 UTC
From: cw400@cleveland.Freenet.Edu
Message-ID: <2s2e8o$n44@usenet.INS.CWRU.Edu>
Source record: 273944

The 3 antennas are probally a doppler direction finder used with
the Lojack stolen car recovery system.

4204. Re: Anyone own the MAX 800 from Cellular Sercurity Grp?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 15:19:51 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <CqF197.5rz@cbnewsc.cb.att.com>
Source record: 273934

|Overall good antenna...I'd buy another one if I needed it!

Don't forget the Rat Shack UHF double-bow-tie indoor antenna; simply turn the unit on it's side so as to optimally receive vertically polarized signals, feed the 300-ohm impediance twinlead into a CATV-type 300-to-75 ohm transformer and the output into the antenna input of the scanner.

You get plenty of antenna gain and directionality; of course, you'll want to add an appropriate stand for the antenna. Works beautifully in suburban areas that are a bit aways from those cell sites... (of course, your neighbors might get suspicious of that sidemounted UHF antenna in the picture window pointed in the direction of that cell site... :-()

4205. Re: Dual cellphone antennas?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 15:42:50 UTC
From: tdtay@chevron.com
Message-ID: <tdtay.9.2DE4C37A@chevron.com>
Source record: 273949

In article <2s0vuf$db@rain.org> carmean@rain.org (David Carmean) writes:

>I often see what appear to be two cellular phone antennas on vehicles. Do some
>cellular phones have diversity receivers, or do these folks just have two phones
>in their cars?

>--
>David L. Carmean, WB6YZM. Santa Barbara, California, USA
>carmean@coyote.rain.org, usapmdlc@ibmmail.com (work-related junk)

Motorola came out with phones that had a port for another receive antenna. If the antennas are mounted far enough apart, and not an a wavelength multiple distance (ideally you want the other antenna to be 180 deg out of phase) then the reception was improved.

However, this model came out when cellular was young and there were lots of areas with shadowing and fading. Today there are cell sites just about everywhere, especially in Southern California. The chances of dropping a call due to fading have decreased quite a bit in the past couple of years.

Just my 2 cents worth (.3 cents after Hilary's health care plan kicks in),
David

/ David S. Taylor Texas A&M '87 Engineer, RF Systems /
/ Chevron Information Technology Co. Base Technology Dept. /
/ 1300 South Beach Blvd. Rm 2187 dtay@chevron.com /
/ La Habra, CA 90631 310-694-7280 /
/ /
/ If you want truly to understand something, try to change it." /
/ - Kurt Lewin - /

4206. Re: Dual cellphone antennas?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 16:35:28 UTC
From: horak@convex.com
Message-ID: <horak.769970128@convex.com>
Source record: 273950

In <2s2e8o$n44@usenet.INS.CWRU.Edu> cw400@cleveland.Freenet.Edu (Eric L. Bartholomew) writes:

>The 3 antennas are probally a doppler direction finder used with
>the Lojack stolen car recovery system.

If they were, the antennas would be much larger than "cell phone" antennas since Lojack is around 170 MHz.

My guess is that one is for the MDT, one is for the 800MHz trunked police radio and one is for his cell phone.

David

4207. Motorola Walkie-Talkie Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-26 16:43:30 UTC
From: cal@ee.ryerson.ca
Message-ID: <2s2jji$ppv@hermes.acs.ryerson.ca>
Source record: 273940

Can anyone tell me what frequencies are used by the Motorola
walkie-talkies that are used by crew members on a film/TV location
shoot?

--
Calvin Henry-Cotnam, CATE | "...My brain IBM"
Ryerson Polytechnic University | "So if you see me, acting strangely..."
Toronto, Ontario, Canada | STYX, Mr. Roboto

4208. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 17:06:44 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.769972004@constellation.ecn.purdue.edu>
Source record: 273952

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>Duane, I admire your resolve to act on the issue because I often feel the same
>way about a lot of different issues. My feeling is that we don't have a leg
>to stand on. How could we ever have any influence in government? We are
>minority group. We do not contribute any useful service or product to
>society. And, there is no constitutional right to scan the airwaves (although
>some may argue this point). So how can we have any influence? I don't mean
>to belittle the hobby, because I love it, we just don't have any source of
>bargaining power to have any influence in governent.

As a single-point hobby (scanning/monitoring) that's true. As
a coalition of groups working for the same goals, we'd stand a much
better chance.

>Imagine us trying to lobby some senator: we are not large enough to effect
>the election, we don't have any money to throw around, and we can't scream
>that our "rights" are being taken away.
>In order to lobby successfully, you have to have some influence. The only
>influence I can imagine us having, is if we were very active at calling
>and writing congress, it might create the illusion that there were enough
>people to influence the next election.
>I still think that the general public does not understand our hobby and we are
>better off just keeping quiet. We pose no danger, but the press can create
>the illusion of danger when they find out all the things we can listen to.

"Keeping quiet" is what those who are responsible for the
outrageous laws WANT you to do. To just let it quietly go away suits
their ambitions nicely.

You need to look at the broader picture - these kinds of laws,
not just specifically the ECPA or the scanner ban, are precedent setters
with rather broad long-term implications.

Specifically, the notion that a big money lobby should be able to
just come and take away a segment of the electromagnetic spectrum for
their own purposes (in the case of cell phones, for the cellular
industry to cover up their lies. What lies? They told their customers
that cell phones were secure when they WEREN'T, and then went out and
BOUGHT congresscritters with lobby money to cover their asses).

If you "keep quiet", yes, you'll be OK for now, but WATCH OUT.

Who will be the next big lobby to come along and demand that
it become illegal to listen to X frequency band?

How long will it be before you won't be able to listen to
ANYTHING?

Every big business that decides it wants to keep its operations
as some kind of big secret NOW (thanks to the precedent of the
Electronic Communications Piracy Act) no longer has to worry about
encryption costs (which was a relatively bogus argument used by the
cellular industry, that encryption would be too expensive of a way to
secure their tranmissions) and can just throw enough money around in
the right places and will quite likely succeed in getting THEIR
bit of spectrum added to the "thou shalt not listen" list.

You ask why aren't cordless phones included? Go look at what
is happening in several states. These *states* are passing laws to
make it illegal to listen to cordless phones. IMHO, that is
unconstitutional (or at the very least, violates the entire basis
of having a FEDERAL Communications Commission) as the FCC has
reserved control of communications to itself.

If we as individuals don't stop bickering about "our group
isn't interested in this or that", all the time we spend engaged in this
bickering will be lost to accomplishing the major goal, that of
protecting *individual* access to the electromagnetic spectrum.

As for "rights", consider this: the electromagnetic spectrum is
part of *nature*. Mankind did NOT create it any more than we created
the air we breathe. That we *manipulate* the spectrum for our own purposes
IS true. Controlling who TRANSMITS and WHERE is primarily done
to avoid the anarchy that happened in the early days of radio.

But IMHO, if someones radio waves penetrate my home, my body,
and so on, why should I not be able to LISTEN to them?

Secondly, check out Section 605 of the Communications Act of
1934. In brief, it states that no person who receives ANY radio signal
may divulge the contents of that signal save for broadcasts intended for
the public, Amateur Radio signals and signals related to ships and planes
in distress.

That should have been enough! While still allowing individual
access to LISTEN to the spectrum (a naturally occurring phenomena), it
prohibited divulging the INFORMATION (the strictly manmade part)
which is a result or our manipulation of radio waves.

If the intent of the ECPA was to secure the information, then
simple enforcement of Sec. 605 should have been enough; no further
legislation was needed.

But because of the far-reaching implications of the ECPA and the
Scanner Ban, it seems obvious that something more is intended, namely
allowing economic interests to control the spectrum and saying
that the individual is screwed. To bolster that argument, I point out
the crazy notion of "spectrum auctions" that the FCC is currently
engaging in. Spectrum Auctions will allow commercial groups to essentially

buy chunks of spectrum for their own use. When that happens, do you think that a commercial interest will want to let you listen to chunks of spectrum that they "BOUGHT" ??? Hell no, not when they have the precedent of the ECPA to fall back upon.

In both Nazi Germany and Stalinist USSR, access to the spectrum was strictly controlled by the government to keep out "harmful" ideas. Individuals found in posession of "contraband radios" could be, and were, taken out and shot. The control of information is a powerful thing, and it strikes me that here in the US, we are seeing an attempt to do so NOT by the government, but by big business with the tacit assistance of the PEOPLE WHO ARE SUPPOSED TO REPRESENT *ALL* OF US.

Big business already has control of radio and television broadcast content - if you think you get a truly balanced picture of world news from CBS, NBC, ABC, etc., I suggest you get yourself a decent shortwave radio (before they ban THOSE, too) and listen to what some sources from other parts of the world have to say. You may not hear the WHOLE truth from ANY of them, but you might be surprised how much of a "slant" that the US media puts on things.

Fighting to keep the spectrum reasonably free isn't JUST a ham thing, it isn't JUST a scanner thing, it isn't just a SWL thing. It is important for ALL of us, and if we don't work together to do it, we WILL lose, and our lives will be the worse for it.

Duane

4209. Re: Site to look up frequiencies

Newsgroup: rec.radio.scanner
Date: 1994-05-26 17:55:57 UTC
From: jlundgre@news.kn.PacBell.COM
Message-ID: <2s2nrd$757@ohlone.kn.PacBell.COM>
Source record: 273941
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

Dave Bushong (dbushong@wang.com) wrote:
: bruceg7809@aol.com (BruceG7809) writes:

: >In article <1994May20.053507.12168@ccc.amdahl.com>,
: >dws30@p1dbg02.amdahl.com (David Sharpe) writes:

: >I am also interested in the ftp or site to look up frequencies for
: >scanners
: >Please inform me of newgroup or ftp...
: >Thanks

Telnet to tcomeng.com password is FCC.

Also, get the December or Yanoff lists. They list many ftp sites for odd
and eclectic stuff. They're usually on the .announce or .help newsgroups.

: Try
: rec.radio.scanner

: which is quite active. Also, I'll send you a pretty good list via email.

: Dave, KZ1O

: --
: Dave Bushong, Wang Laboratories, Inc.

--
John Lundgren - Elec Tech - Info Tech Svcs @ STD DIS- @
Rancho Santiago Community College District @ CLAIMERS @
17th St. at Bristol \ Santa Ana, CA 92706 @ APPLY... @
VOI (714) JOHN GAB \ FAX (714) JOHN FRY @ @
jlundgre@kn.pacbell.com \ jlundgr@eis.calstate.edu @ @

4210. Re: Which Scanner should I buy?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 17:59:08 UTC
From: jkearman@arrl.org
Message-ID: <1994May26.175908.1428@arrl.org>
Source record: 273962

Scotty bethke (kbethke@cscns.com) wrote:
: Im sick and tired of my BC 760XLT. Its junk! Besides this I want a hand
: held, and short wave. I used to think the AOR1500 would be a dream come
: true. I need this range of freq's, with SPEED! The police in my area
: have gone to a 800Mhz truncked system, so speed helps in this situation.
: My Price Range is $400 to $700. Please let me know what to get and why.
: I will sum. and post results if there is enough interest.

You want a Yupiteru MVT-7100. Unfortunately, it's illegal to
bring one into the US. Good luck.

Jim

4211. Police Help

Newsgroup: rec.radio.scanner
Date: 1994-05-26 19:15:14 UTC
From: garywils@netcom.com
Message-ID: <garywilsCqFC5F.H7r@netcom.com>
Source record: 273955

I have been having trouble posting messages and so I hope this makes it. Yesterday I talked to the officer in charge and he tells me that these guys were career criminals and that this is going to be a third strike case. I have been subpoenad(sp?). Will I testify? Faster than a black hole sucks stars.

On Monday, January 24, 1994, with my radio scanner to my right, set on San Jose Police channel 1, I was reading and as usual not really listening to what was being said on the scanner. But then I heard something about a house break-in in progress one block across and over from my street. Two guys who were trying to break into the house didn't realize that somebody was home at the residence. I debated whether I should go over there and do something. Scott, who had just turned four year old, was with me and decided to stay home. About five minutes later police cars started arriving on the scene and scanner messages saying the burglars were fleeing the scene, jumping fences and abandoning what turned out to be a stolen car. An area of several blocks in each direction was soon surrounded by police cars. A house-to-house search was begun in the area where the police thought the guys were most likely hiding. The search didn't cover the small part of our L-shaped street. The search did cover the long part of the L and other streets concerned. The police abandoned the search about 1:00 pm and left the area. This concerned me because I knew the elementary school was going to be letting out at 2:15 and a considerable area hadn't been checked. I must of checked my back yard about 15 times.

At about 1:45 Scott and I left home and as usual we walked to the school to pick up Jack who was age 6. While waiting for school to let out, Diana walked up to me. I had forgotten that she was going to pick up Jack that day to take him to the doctor. Diane wanted Jack to change before going to the doctor so we all went home together in the car. After entering the house I went to check the back yard, first on the chimney side- found nothing- then the garage side.

There was what I knew immediately must have been one of the suspects. He was looking out a knot-hole in my gate. I continued to walk toward him as I didn't see any weapons in his hands although my pitch fork, English spading fork, a pick, and several other potentially lethal garden tools were about 5 feet to his right. I asked him in a friendly voice what was going on. He turned around and was very startled to see me. He stated that he was hiding because the police were looking for him. I continued walking toward him and it didn't appear that he was going to flee. I told him that I thought it was

safe to go because there weren't any police around. By this time I had reached the gate with him just to my left. As I reached for the gate latch I remember thinking to myself that I could open the gate and let him go or try and take him down. I did the latter.

A cloths line across his neck with every once of my strength, I slammed him across my side down to the ground. I held him there face down, in an awkward position, with my knees on his upper back, my left arm across the back of his neck, and my right hand by his jaw. I could hear Diana come out the front door with Jack so I yelled to her that I had one of the guys on the ground and to go next door to call police. The suspect kept asking to let him move his arm and told him he hadn't better move a muscle. I could see that pick 5 feet in front of his face. I could hear Jack, he was hysterical. That really upset me and at that point I wanted to snap the guys neck. Well it seemed like it took forever for the police to get there. One of the policeman handcuffed him while he was still on the ground. My muscles were literally shaking from holding him in that awkward position. And the police had to help me up because I was virtually stuck in that position, because of having psoriatic arthritis in almost every joint of my body. They asked if I needed an ambulance to which I said no that I would be fine in a few minutes.

The police put the suspect in the police car, and then started questioning me. One of the questions was how I knew what was going on. And I told them that I had a scanner. Jack was still crying and several of the policeman said to Jack "you should be proud of your dad, he's a hero". Jack immediately stopped crying and his face lit up and I was feeling a bit proud.

Gary
garywils@netcom.com

4212. Champaign-Urbana police freqs?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 19:19:46 UTC
From: dhughes@prairienet.org
Message-ID: <2s2soi$327@vixen.cso.uiuc.edu>
Source record: 273945

Would someone with a book of scanner frequencies please E-mail me the frequencies I should dial up to hear police reports from Urbana and Champaign IL? Thanks!
--

4213. Re: Police Help

Newsgroup: rec.radio.scanner
Date: 1994-05-26 19:55:20 UTC
From: magnet@nRCHs022
Message-ID: <2s2ur8$sk4@corpgate.nt.com>
Source record: 273946

Gary Wilson (garywils@netcom.com) wrote:
|on. And I told them that I had a scanner. Jack was still crying and
|several of the policeman said to Jack "you should be proud of your
|dad, he's a hero". Jack immediately stopped crying and his face lit
|up and I was feeling a bit proud.
|
|Gary
|garywils@netcom.com

You took a MAJOR risk to do this. Would you do it again?
--
brad.glidewell@nt.com
"Do not be timid and squeamish about your actions.
All life is an experiment." - Ralph Waldo Emerson

4214. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 21:53:58 UTC
From: copeland@metronet.com
Message-ID: <CqFJHz.12n@metronet.com>
Source record: 273875

In article <CqAuzI.KnB@dorsai.org>,
Tequila Mokingbird <vector@dorsai.org> wrote:
>In article <1994May22.223651.7848@yvax.byu.edu>,
> <johnsonk1@yvax.byu.edu> wrote:
>Well, I am really not sure about the laws in all states, but here in
>Oklahoma, there is some law that states you can't use ANY information
>gained by a scanner for personal gain...be it lawful or otherwise. I used
>to work for a police dept. and bought a scanner to listen in to the
>activities while i was off-duty. Anyways, my scanner also picked up
>cellular freqs. One day i overheard (by accident, mind you) an
>conversation that described in GREAT detail, exact plans for a drug deal
>that was going down that evening. Details like place, time, types of
>drugs, amounts of money, and how many ppl would be there. I immediately
>called dispatch and informed them about the drug deal and how i had
>received the info. I had pleanty of credentials with the dept (I worked
>there) and knew the dispatcher personally. But she told me that the
>information could not be used to help in the capture or arrest of the
>individuals I had heard...not even surveilance of the area! I said rather
>bluntly, "Couldn't an officer just ACCIDENTALLY be in the right place at
>the right time?" She said that would be criminal!!! (for an officer to
>use information gained on a LEGAL, non-modified BearCat 200XLT scanner
>from Service Merchandise to BUST scum-sucking ass hole that will be
>selling crack on elementary playgrounds next week...CRIMINAL!?!) I simply
>cannot understand that. I DO realize the importance of security and
>understand that these laws were written to help protect innocent people
>from being taken advantage of...but still, it seems wrong.
>
>My point is, at least here, I have called the police on at least 5
>occasions and each time they tell me that nothing can be done. So..I
>quit. I hope that some states Do allow you to report things that you
>hear, no matter what freq. you hear it on...

There is a story in the current Monitoring Times magazine exactly like
you describe (on cordless though), but the officers made the bust.
Even though they caught them red handed with the drugs, the judge
threw out the case. Federal law states that one has the right to privacy
in ones home, even if transmitting on "legal receivable" cordless.
That use of such information by law enforcement would be approaching
a totalitarian state (AKA Orsen Wells "big brother" syndrome).

On a case by case basis, the judge seems wrong, but in order to protect
the privacy of all individuals, he was right.

If he didn't rule this way, how far could the cops go? parabolic
listening devices on the home? The possibililties for abuse are huge.

I'm not inferring that cops are bad, but the law is made to prevent
any possible corruption of government from effecting the freedom
and rights of the public. Thats why we have elections, and the
right to bear arms, etc...

--

| copeland@metronet.com |

4215. IF for scanners?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 22:14:04 UTC
From: O1EVERT@VM1.CC.UAKRON.EDU
Message-ID: <16FC21006CS86.O1EVERT@VM1.CC.UAKRON.EDU>
Source record: 273967

Does anyone have the IF's for a Bearcat 800XLT, AR1000 and a RS 2030?

Thanks...Tom

4216. Best Cellular Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-26 22:15:34 UTC
From: jim@ttech.com
Message-ID: <jim-260594141534@jimsmac.ttech.com>
Source record: 273948

The best and most easily modified scanner available is the Radio Shack PRO-2006. This scanner can be modified by removing the top cover and clipping one leg of a diode that resides on the back of the keyboard matrix. Books that describe this modification can be found at any ham radio store.

-Jim

4217. Re: Dual cellphone antennas?

Newsgroup: rec.radio.scanner
Date: 1994-05-26 22:41:31 UTC
From: moore@ssd.intel.com
Message-ID: <CqFLp8.5t5@SSD.intel.com>
Source record: 273969

horak@convex.com (David Horak) writes:

>In <2s2e8o$n44@usenet.INS.CWRU.Edu> cw400@cleveland.Freenet.Edu (Eric L. Bartholomew) writes:

>>The 3 antennas are probally a doppler direction finder used with
>>the Lojack stolen car recovery system.

>If they were, the antennas would be much larger than "cell phone" antennas
>since Lojack is around 170 MHz.

>My guess is that one is for the MDT, one is for the 800MHz trunked police
>radio and one is for his cell phone.

We have the same thing on many departments' vehicles out here. From listening to the scanner, I am guessing they are part of a new locator system used in finding bank robbers. Out here, the cars with the special antennas are nicknamed "Yankee" cars. Every so often, I will hear something like "All Yankee cars report to Net 5." On net 5, I hear dispatchers calling the status of some apparently stationary antennas ("Citywide is hot. North tower just went hot. Downtown is going cold.") Then the cruisers call in reports like "(location) I have 5 lights, due south," or, "(location) 2-3 lights east-northeast." I know it is bank related because one morning (about bank opening time), the city police chased down a transmitter right to the bank. One of them said something about a teller accidently tripping the "tag".

Some of this is assumption. I have never been behind a car with the three antennas and hear his radio traffic identifying him as a Yankee unit.

Anyone know anything more about these "tags" and "Yankee" cars? Have you heard any of this kind of traffic on police frequencies in your area?

--
| Wayne Moore CO4-06 e-mail: moore@ssd.intel.com
| Intel Supercomputer Systems Division phone: 503/629-4380
| 15201 NW Greenbrier Pkwy fax: 503/690-4302
| Beaverton, OR 97006

4218. Re: Freeway Video Cameras (Houston) & Los Angeles

Newsgroup: rec.radio.scanner
Date: 1994-05-27 00:15:28 UTC
From: lware@voxel.com
Message-ID: <CqFq1t.Lu1@voxel.com>
Source record: 273954
Body handling: 1 inline base64-encoded payload block was not displayed

Does anyone know what frequency these are on? What sort of signal they send? Can we watch from home?

^^^^^^^^^^^^^^^^^^^^^

Lance Ware
IS Manager & VOXEL Guru
VOXEL

Version: 2.3

[Inline base64-encoded payload not displayed]

=yaDn

4219. Re: HELP!!! I need DISNEYWORLD freqs!

Newsgroup: rec.radio.scanner
Date: 1994-05-27 00:34:24 UTC
From: bozobrown@delphi.com
Message-ID: <Zc0P2Ag.bozobrown@delphi.com>
Source record: 273972

Thanks a BUNCH!!!!!

Sorry I haven't replied sooner, but I got the freq's as I was walking out the door and the wife wouldn't let me take the time to reply.

The trip went pretty good, thanks again for the freq's!

Charles Brown
bozobrown@delphi.com

4220. forsale:pro-46

Newsgroup: rec.radio.scanner
Date: 1994-05-27 00:45:48 UTC
From: nelsoncb+@pitt.edu
Message-ID: <2s3frs$p6l@usenet.srv.cis.pitt.edu>
Source record: 273947

I have a pro-46 forsale. No mods. I would like $160 obo.

--
---
nelsoncb+@pitt.edu
SPAM is not Food!!!
Finger me for my pgp public key...

4221. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-27 00:49:46 UTC
From: steven@sgb.oau.org
Message-ID: <CqFrn1.CDr@sgb.oau.org>
Source record: 273880

Jim Kearman (KR1S) (jkearman@arrl.org) wrote:
: But, while I'm up here stumping, a show of hands, please. How
: many net.readers contacted their legislators about this issue?
: Even the Nasty Rifle Association urges firearms owners to contact
: their lawmakers about pending legislation.

I / many of us never had the opportunity to do much about it, it was tagged on the funding bill for the FCC and railroaded through with NO JUSTICE at all. When I / many heard about it, it was too late. The best we can do is continue to import them from Canada and Europe, stick out our middle finger at the FCC, and boycott the made-for-U.S. receivers until the U.S. based manaufacturers do something about the government action (it seems they must show a loss of profit to see a need to do something about it).

There are numerous places overseas that these units can be shipped in from. It just costs more. You can still have a cellular capable receiver here in two-three days from the U.K and overnight from Canada!

Opto Electronics already has designed an add-on for the Pro-2005/6 which will over-ride the blocked CPUs to permit cellular reception. If they canned the FCC, there would not be a need for "funding" them, and this stupid law would not cause us to go out of the country to equip ourselves with full coverage receivers.

In any event, the ARRL was asleep on the job. I always thought that stood for Amateur Radio Relay League. I always thought that Amateurs had an interest in all aspects of radio equipment including all such activity, not only on the segments they are permitted to respond on!

In any event, all they did was make us go out of the country for our radios, they certainly did not stop them being obtained!

If you wonder, what side of the fence is this guy standing, try reading the bottom right of this post, I think those three lines say it all!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net |----------------------------
GEnie: s.bradley6@genie.geis.com | Don't you think it's about
CompuServe: 73232.505@compuserve.com | time we FIRED the Federal
America Online: sgbradley@aol.com | Communications Commission?

4222. Revised Indy 500 Freq's HERE!

Newsgroup: rec.radio.scanner
Date: 1994-05-27 02:24:59 UTC
From: kd282s328@sycom.mi.org
Message-ID: <kd282s328.755l@sycom.mi.org>
Source record: 273807

Here is the Final List.. hope you who are going get it in time for the race.

-Kristine
kd282s328@sycom.mi.org (Kristine Duffy)

FORMATTED FOR 80 COLUMN OUTPUT

Indy 500 Frequencies 1994 5/26/94 revision (Final)
First Frequency Listed is the Primary Frequency
(s)=Denotes Scrambled Communications

Car Driver Frequency(s)
1 Nigel Mansel 461.2875 468.2250
2 E. Fittipaldi 852.1875(s) 855.7875(s) 856.7875(s)
859.8375(s) 858.8375(s) 851.0375(s)
851.0375(s)
3 Paul Tracy 855.7875(s) 856.9125(s) 856.7875(s)
859.8375(s) 858.8375(s) 851.0375(s)
4 Bobby Rahal 468.2625 469.2625 463.8875
466.3125
5 Raul Boesel 466.1875 462.0875 464.9125
6 Mario Andretti 461.7125 462.6500 468.3625
7 Adrian Fernandez 464.5625
8 Michael Andretti 467.0375 464.0375 462.2625
9 Robby Gordon 461.0625 463.2375 461.0125
10 Mike Groff 462.8125 467.8375
11 Teo Fabi 464.9375 467.1875 465.7375
460.3125
12 J. Villeneuve 466.5375
14 Brian Herta 461.8375 463.9875 457.5875
457.5375 461.4375 456.9125
16 Stephan Johansson 853.4875 855.5875
17 Dominic Dobson 468.4625 463.4625
18 Jimmy Vassar 467.0875
19 Brian Till 460.0875
21 Roberto Guerrero 461.8125
22 Hiro Matshusista 462.0875 464.9125 466.1875
465.0125
25 Marco Greco 467.7500 468.8125 468.2125
465.0125
27 Eddie Cheever 467.7625
28 Arie Luyendyk 465.2375 461.2375
31 Al Uncer Jr. 854.8375(s)
33 John Andretti 461.3375 463.9875
40 Scott Goodyear 463.7375 468.7375 469.2375

45 John Paul Jr. 461.2125
59 Scott Brayton 468.7625
71 Scott Sharp 461.7625 466.7625
79 Dennis Vitolo 461.4125
88 Manricio Gugelmin 469.8875
90 Lyn St. James 463.7625
91 Stan Fox 469.6250
99 Hideshi Matsuda 466.4125

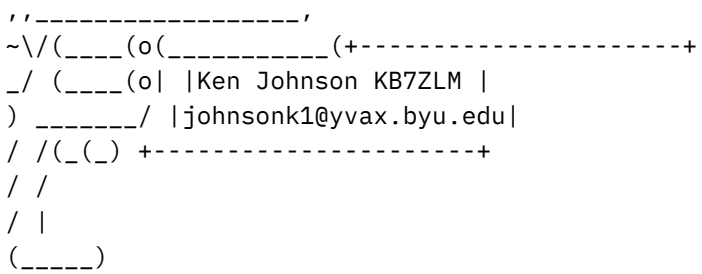
USAC Race Control 821.6875
USAC Officials 935.1375 935.1500 936.6375
Safety Vehicles 453.3000 458.7500
Infield Medical 155.2500 157.6350
Indy PA System 470.0500
Indy Radio Net 450.8375
ESPN 455.5500
ABC TV 159.2700
Also Check for media from 450-451 Mhz and 455-458 Mhz.

End of File

4223. What are frequency counters?

Newsgroup: rec.radio.scanner
Date: 1994-05-27 03:16:01 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994May26.201601.7907@yvax.byu.edu>
Source record: 273956

I've seen a couple of posts on this newsgroup a while back about
frequency counters, and I've seen ads for the things in the ham
catalogs and magazines. They look like real interesting gadgets,
so I've got to know what they are, what they do, and what use
they have to a scanner listener, if any. Please help me.



4224. Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-05-27 03:26:59 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994May26.202659.7908@yvax.byu.edu>
Source record: 273953

I'm having a hard time knowing how to refer to someone who listens
to scanners. What do we call ourselves? Here's a few I've thought
of, but none seem to really fit right to me:

Scanner listener
Scanner
Scannerer
Scanner enthousiast
Scanman (Scanwoman, Scanperson, whatever)
Scannerman, etc.
Scannerator

Any suggestions?

,,_____,
~\/(____(o(_____(+----------+
_/ (____(o| |Ken Johnson KB7ZLM |
) _______/ |johnsonk1@yvax.byu.edu|
/ /(_(_) +----------+
/ /
/ |
(_____)

4225. Re: Yupiteru Question

Newsgroup: rec.radio.scanner
Date: 1994-05-27 04:12:07 UTC
From: stephenx1@aol.com
Message-ID: <2s3run$kl7@search01.news.aol.com>
Source record: 273808

In article <brett_miller.232.000973A8@ccm.hf.intel.com>,
brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

Thanks for the "come-back". Your explanation makes sense. I'll try to
find someone who can test the scanners for me.

4226. FCC database online

Newsgroup: rec.radio.scanner
Date: 1994-05-27 04:45:19 UTC
From: daryl@tcomeng.com
Message-ID: <2s3tsv$1g6@tcomeng.tcomeng.com>
Source record: 273876

We're experimenting with providing free public-access to our Informix database of FCC license information for radio transmitters located in California. The information should be accurate as of 09/30/93. More than 300,000 records are on file. Microwave, satellite, broadcast, and cellular records are included as well as business and public safety.

Telnet to: tcomeng.com
Login: fcc (no password)

VT-100 terminal terminal emulation is required. If there is enough interest, we will enhance the query interface and support other terminal types. You will need to carefully read the introduction in order to successfully use the database.

This service is provided in the public interest by Telecommunications Engineering Associates of South San Francisco, California. Send comments to fcc@tcomeng.com.
--
Daryl Jones daryl@tcomeng.com
Telecommunications Engineering Associates {decwrl}!tcomeng!daryl
South San Francisco, California Phone: (415) 871-4200

4227. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-27 05:11:52 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May27.051152.7010@hpcvaac.cv.hp.com>
Source record: 273912

wb9omc@constellation.ecn.purdue.edu (Duane P Mantick) writes:
:
: Every big business that decides it wants to keep its operations
: as some kind of big secret NOW (thanks to the precedent of the
: Electronic Communications Piracy Act) no longer has to worry about
: encryption costs (which was a relatively bogus argument used by the
: cellular industry, that encryption would be too expensive of a way to
: secure their tranmissions) and can just throw enough money around in
: the right places and will quite likely succeed in getting THEIR
: bit of spectrum added to the "thou shalt not listen" list.

This is wrong. Any business with any sense still has to consider
encryption. They would be aware that, even though such listening is
illegal, people will do so anyway. Now, if hobbiest will do so, how
about those who make a living at industrial espionage? You can bet
that a minor "thou shalt not listen" law is not going to slow them
down at all.

: You ask why aren't cordless phones included? Go look at what
: is happening in several states. These *states* are passing laws to
: make it illegal to listen to cordless phones. IMHO, that is
: unconstitutional (or at the very least, violates the entire basis
: of having a FEDERAL Communications Commission) as the FCC has
: reserved control of communications to itself.

I suspect that when these laws are contested in court, they will be
thrown out. After all, the US Supreme Court has already ruled on this
matter.

Bill

4228. Re: I want to buy a Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-27 05:36:24 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May27.053624.7123@hpcvaac.cv.hp.com>
Source record: 273914

tshissl@orion.it.luc.edu (Todd M. Shissler) writes:
: I am looking to buy a scanner in the near future, and would like the
: phone number or recomendations of where to go to purchase one. I want to
: stay away from radio shack because I have not been pleased with their
: quality. Please e-mail me with this info soon. I have heard of a place

That's too bad, since the PRO-43 and PRO-2006 are two of the best scanners
built.

Bill

4229. re:pro-43

Newsgroup: rec.radio.scanner
Date: 1994-05-27 06:19:01 UTC
From: jdewitt@rainbow.sosi.com
Message-ID: <2s43cl$nnu@rainbow.sosi.com>
Source record: 273910

Hey now,
does anyone know what are on these channels that the Pro-43 doesn't cover:

54-118
175-219
513-805
824-850

Aren't the cellular bands above 850, like 868-890, or somewhere in there?
Perhaps these are commercial bands, private or something like that?

Thanx for any help...jeff

--
^^
jdewitt@sosi.com
jdewitt@ctnet.org
^^

4230. Is a successor to the Yupi 7100 on the horizon??

Newsgroup: rec.radio.scanner
Date: 1994-05-27 07:02:22 UTC
From: yc23@uk.co.gec-mrc
Message-ID: <4515@mrcu>
Source record: 273857

Isn't it always the case that when you've finally decided to part company with a large chunk of cash on a particular model, that two weeks later the same manufacturer release the 'new' model onto the market with all the features you really wanted in the last one but were missing.

Well - as the Yupiteru 7100 is on my future shopping list - does any informed person out there know whether the 7200 Turbo GTi or whatever the next one might be called is about to hit the market. I suspect it's about time a new model appeared - although the current 7100 seems just about complete...

--
Trevor Wright,Computer Resources | Tel: +44 245 473331 x 3224 + Answerphone
GEC-Marconi Research Centre | Fax: +44 245 475244 or 478639
GEC-Marconi Ltd, Great Baddow | uucp: <world>!uknet!gec-mrc!wright
Chelmsford,Essex. UK CM2 8HN | Other: wright@gec-mrc.co.uk

4231. Re: What are frequency counters?

Newsgroup: rec.radio.scanner
Date: 1994-05-27 07:27:59 UTC
From: C594911@mizzou1.missouri.edu
Message-ID: <16FC322C6S86.C594911@mizzou1.missouri.edu>
Source record: 273913

Frequency Counters are fun! They measure (radio) frequencies. They can be used with a probe-tool to analyze circuits, etc, but their use for us is that they catch a frequency when a nearby radio is transmitting. The catch is "nearby". I find that with most personal radios (police, handhelds, etc - not radio stations, etc) you have to be within at least 100' if not closer to get a solid reading.

I have mine velcro-mounted in my car with an external antenna, along with scanner, ham ht, etc. When I'm driving around I can tell when someone is xmitting near me. A cop passes me and the display might jump from the random jumble and "lock" on some 450Mhz frequency. Cellular freqs for the driver next to you while he's talking, unknown weird antennas protruding from unmarked buildings, etc. I bought mine in response to FEMA and the MoEMA's refusal to give me their freq's while I sandbagged the flood in St Louis last year.
All I had to do was linger nearby and I quickly got them... :)

Tom

4232. Re: Motorola Walkie-Talkie Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-27 07:34:17 UTC
From: CLL002@email.mot.com
Message-ID: <CLL002-260594233417@il02ara-macip02.comm.mot.com>
Source record: 273821

In article <2s2jji$ppv@hermes.acs.ryerson.ca>, cal@ee.ryerson.ca (Calvin Henry-Cotnam) wrote:

> Can anyone tell me what frequencies are used by the Motorola
> walkie-talkies that are used by crew members on a film/TV location
> shoot?
>
> --
> Calvin Henry-Cotnam, CATE | "...My brain IBM"
> Ryerson Polytechnic University | "So if you see me, acting strangely..."
> Toronto, Ontario, Canada | STYX, Mr. Roboto

The frequency could be anything at all. It depends on whether they are trunked radios, conventional, UHF, VHF, 800MHz, 900MHz. We make all sorts of radios with all sorts of frequencies.

Luke Lin | I didn't do it | Internet:lukel@ecs.comm.mot.com
ITT Tools, LMPS | Nobody saw me do it | Right Thing,Right Way
Motorola | You can't prove | G. Kawasaki
Schaumburg, IL | anything B. Simpson | Right Tool,Right Process L. Lin

---

4233. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-05-27 08:00:18 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.242.0008018F@ccm.hf.intel.com>
Source record: 273877

In article <1994May26.202659.7908@yvax.byu.edu> johnsonk1@yvax.byu.edu writes:

>I'm having a hard time knowing how to refer to someone who listens
>to scanners. What do we call ourselves? Here's a few I've thought
>of, but none seem to really fit right to me:

> Scanner listener
> Scanner
> Scannerer
> Scanner enthousiast
> Scanman (Scanwoman, Scanperson, whatever)
> Scannerman, etc.
> Scannerator

Since we don't make people's heads explode, "scanner" doesn't quite fit.
I usually use scanner enthusiest, but scanner dweeb comes in close second :-)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4234. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-27 08:11:38 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.245.000831E0@ccm.hf.intel.com>
Source record: 273890

In article <CqFrn1.CDr@sgb.oau.org> steven@sgb.oau.org (Steven Bradley) writes:
>I / many of us never had the opportunity to do much about it, it was tagged
>on the funding bill for the FCC and railroaded through with NO JUSTICE at
>all. When I / many heard about it, it was too late. The best we can do is
>continue to import them from Canada and Europe, stick out our middle finger at
>the FCC, and boycott the made-for-U.S. receivers until the U.S. based
>manaufacturers do something about the government action (it seems they must
>show a loss of profit to see a need to do something about it).

>In any event, the ARRL was asleep on the job. I always thought that stood
>for Amateur Radio Relay League. I always thought that Amateurs had an
>interest in all aspects of radio equipment including all such activity, not
>only on the segments they are permitted to respond on!

>In any event, all they did was make us go out of the country for our
>radios, they certainly did not stop them being obtained!

>If you wonder, what side of the fence is this guy standing, try reading
>the bottom right of this post, I think those three lines say it all!

>Steven
>---
>Internet: steven@sgb.oau.org | Steven G. Bradley
> steven@gate.net |----------------------------
>GEnie: s.bradley6@genie.geis.com | Don't you think it's about
>CompuServe: 73232.505@compuserve.com | time we FIRED the Federal
>America Online: sgbradley@aol.com | Communications Commission?

The FCC was not pushing this bill, so don't blame them. The cellular lobby is
very powerful. They pushed congress to do it and the FCC had no say in the
matter. CONgress is to blame here (together with the cellular industry).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4235. Re: Motorola Walkie-Talkie Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-27 08:17:53 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.246.00084C9A@ccm.hf.intel.com>
Source record: 273891

In article <2s4t98$n35@hermes.acs.ryerson.ca> cal@ee.ryerson.ca (Calvin Henry-Cotnam) writes:
>Luke Lin (CLL002@email.mot.com) wrote:
>: cal@ee.ryerson.ca (Calvin Henry-Cotnam) wrote:

>: > Can anyone tell me what frequencies are used by the Motorola
>: > walkie-talkies that are used by crew members on a film/TV location
>: > shoot?

>: The frequency could be anything at all. It depends on whether they are
>: trunked radios, conventional, UHF, VHF, 800MHz, 900MHz. We make all sorts
>: of radios with all sorts of frequencies.

>This much I assumed, but I thought that a certain type of customer would
>be using units in a certain band, the way the railroads use either the
>159-161 or the 413-420 bands.

You can probably assume that they use business band frequencies. Since you know they use Moto radios, you can probably determine what band they are using by looking at the antenna lenght and shape. If you post this info, I'm sure someone can help you determine which band they use.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4236. Has Grove sold out to the FCC?

Newsgroup: rec.radio.scanner
Date: 1994-05-27 08:50:28 UTC
From: tim@tbd.oau.org
Message-ID: <URb5tA4EBh107h@tbd.oau.org>
Source record: 273911

I never thought I'd see the day it would happen, but Grove Enterprises seems to have either sold out to the FCC or grown to the point they no longer care about the monitoring community as a whole, only their own self interests. For several months now Monitoring Times has been publishing misleading and downright false information about obtaining full coverage scanners after April 26. It's been so bad that many of the guys on Compuserve now openly question information from Grove and MT. This is very disturbing as MT used to be a very accurate and highly regarded publication in the radio community. I personally still find MT a very accurate and informative magazine. Hell, my subscription would not run until August of 1998 if that weren't the case, however, there is one big exception to the accuracy of MT.

In the June issue, page 115, we find a Grove ad for the PRO-2006 with a bunch of hype about "they're almost gone". The usual misleading drivel about how it's illegal to import and manufacture full 800MHz coverage receivers also appears in this ad. Then, Grove has the nerve to actually state "the only way to buy one of these scanners is from stock imported BEFORE [their emphasis] April 26, 1994." As we all know from other posts in this newsgroup this is outright bullshit.

In this same issue, page 11, an advertisement appears from Atlantic Ham Radio Ltd. in Canada that clearly states "we have scanners with 800MHz coverage" and that "all U.S. orders shipped UPS air." Yes, our beloved Yupiteru MVT-7100 is among the list of scanners Atlantic Ham Radio Ltd. will import to individuals in the United States. Even in their own magazine we find evidence that Grove's position on importing full coverage scanners is full of it!

Now the question is, has Grove sold out to the FCC or are they spreading lies because THEY cannot stock and sell full coverage scanners after April 26? Instead of printing BS about how U.S. citizens cannot import full coverage scanners into the U.S., why aren't they doing like Optoelectronics and developing hardware that furthers our hobby? Optoelectronics, if you haven't heard, has a computer interface for the new "cellular unrestorable" PRO-2006 that will provide full 800MHz coverage to the crippled scanner.

It's disturbing that Grove has taken this obviously erroneous position on the importation of full coverage receivers particularly given their past reputation of standing up to the FCC and advancing our hobby. BTW, Grove Enterprises does have an internet address for mail. It's 'grove@rock.concert.net'.

--
Tim Dobbins | Mail Based Archive Server On-line!
Internet: tim@tbd.oau.org | For filelist send "dir" message to:
AOL: tdobbins | listserv@tbd.oau.org

| SAVE THE UNITED STATES OF AMERICA: IMPEACH CLINTON!!!! |

4237. Re: Antenna splitter

Newsgroup: rec.radio.scanner
Date: 1994-05-27 08:56:43 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.250.0008F245@ccm.hf.intel.com>
Source record: 273899

In article <1994May27.145141.10455@midway.uchicago.edu> parv@kimbark.uchicago.edu (David B. Parvin) writes:

>Out of curiosity, has anyone out there used a CB antenna (in this instance, >my K40) as a radio antenna?

CBs are considered by some to be radios also.

>my power antenna didn't work and since the radio is already out, I >can easily splice in the splitter.

A CB antenna will probably work fine for most frequencies. Don't expect to pull in weak signals with it, but for around town, it will work fine. I'm note sure I understand your implementation, but don't hook the Scanner and the CB to the same antenna at the same time! If you transmit like this, you will probably blow the front end of your scanner.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4238. Re: Dual cellphone antennas?

Newsgroup: rec.radio.scanner
Date: 1994-05-27 09:04:15 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.251.00091268@ccm.hf.intel.com>
Source record: 273900

In article <CqFLp8.5t5@SSD.intel.com> moore@ssd.intel.com (Wayne Moore) writes:

>Anyone know anything more about these "tags" and "Yankee" cars? Have you heard
>any of this kind of traffic on police frequencies in your area?

The tags are small radio transmitters that the tellers try to throw into the
money bag they give to the bank robber. I have heard their frequency is in
the 170MHz range.

FYI, another trick the banks use is to throw a dye pack into the bag so the
money gets dye all over it. This way the money can be tracked/traced as
stolen money.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4239. Re: Scanner Converter to 800 mhz Questions

Newsgroup: rec.radio.scanner
Date: 1994-05-27 09:13:28 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.252.000939B8@ccm.hf.intel.com>
Source record: 273901

In article <16FC2AD6F.NSVJM@TJUVM.TJU.EDU> NSVJM@TJUVM.TJU.EDU (John McGinn) writes:

>There is advertisement in J.C. Whitney catalog stating that they sell a
>converter for booth hand held and base stations that 'Expand the range of
>scanner radio' to include the 800 mhz frequency.' It goes for $85 to $90.
>Also, they sell a scanner radio preamp it boost signal reception up to 20db.
>This sell for $55 to $65.
>I don't know much about scanner so any and all info would be helpful.
>Thanks, John

The converters attach to the antenna input of your scanner. They are block converters. They essentially cut 400 MHz off the carrier frequency so if you want to tune to 861.2375, you would tune your scanner to 461.2375. Many years ago I had one made by GRE and it worked very well. The main problem is that if you are searching the 800 MHz band, a strong 400 MHz signal will also appear.

I would not reccomend a signal booster to anyone unless they live in a rural area. In most cases, these just overload the scanner front end and decrease the sensitivity of the scanner.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4240. Re: Best Cellular Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-27 09:19:07 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.253.000951DB@ccm.hf.intel.com>
Source record: 273902

In article <jim-260594141534@jimsmac.ttech.com> jim@ttech.com (Jim Wayda) writes:
>The best and most easily modified scanner available is the Radio Shack
>PRO-2006. This scanner can be modified by removing the top cover and
>clipping one leg of a diode that resides on the back of the keyboard
>matrix. Books that describe this modification can be found at any ham radio
>store.

If you are looking for a handheld, check out the BC 2500XLT. It's 30KHz
spacing and 100 steps per second search speed make it ideal for searching
through the band. The cell mod is not difficult but it is a little delicate.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4241. Oakland ham area Index files

Newsgroup: rec.radio.scanner
Date: 1994-05-27 11:47:58 UTC
From: wy1z@bach.coe.neu.edu
Message-ID: <WY1Z.94May27074801@bach.coe.neu.edu>
Source record: 273882
Cross-posted to: rec.radio.amateur.misc,alt.radio.scanner,rec.radio.scanner,rec.radio.shortwave

I have created a new type of Index file for the oak.oakland.edu:/pub/hamradio
FTP area.

The new index file is named 0-Index2.txt, and is in the format of:

/directory_path/name_of_file, file description

which is great if you want to perform a grep of a particular program.
The result will be an instant directory path to retrieve the file from.

The other index file isn't going anywhere. It's format is still:

/directory_path:
names of files Brief description of file

The final index file, which is more confusing, but will continue to exist,
is the vanilla recursive subdirectory listing, ls-lR.

Scott Ehrlich

--
```
==========================================================================
| Scott Ehrlich Amateur Radio: wy1z AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu BITnet: wy1z@NUHUB AX.25: wy1z@wa1phy.ma.usa.na |
|------------------------------------------------------------------------|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| oak.oakland.edu - /pub/hamradio |
==========================================================================
```

4242. re:pro-43

Newsgroup: rec.radio.scanner
Date: 1994-05-27 12:20:17 UTC
From: dhughes@prairienet.org
Message-ID: <2s4oi1$1g6@vixen.cso.uiuc.edu>
Source record: 273729

In a previous article, jdewitt@rainbow.sosi.com (Jeff Dewitt) says:

>Hey now,
>does anyone know what are on these channels that the Pro-43 doesn't cover:
>
>54-118
>175-219
>513-805
>824-850
>
>Aren't the cellular bands above 850, like 868-890, or somewhere in there?
>Perhaps these are commercial bands, private or something like that?

54-72: TV channels 2, 3, 4
72-73: Fixed and portable
73-74.6: Radio astronomy
74.6-75.4: Aeronautical navigation
75.4-76: Fixed and portable
76-108: TV channels 5,6, and FM broadcasting
108-118: Aeronautical navagation
174-216: TV channels 7 through 13
216-220: US govt telemetry-Marine
470-608: TV channels 14 through 36
608-614: Radio astronomy
614-806: TV channels 38-69
824-849: Mobile cellular phones (869-894 are the repeaters for cellular)
--

4243. Re: Motorola Walkie-Talkie Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-27 13:40:56 UTC
From: cal@ee.ryerson.ca
Message-ID: <2s4t98$n35@hermes.acs.ryerson.ca>
Source record: 273886

Luke Lin (CLL002@email.mot.com) wrote:
: cal@ee.ryerson.ca (Calvin Henry-Cotnam) wrote:

: > Can anyone tell me what frequencies are used by the Motorola
: > walkie-talkies that are used by crew members on a film/TV location
: > shoot?

: The frequency could be anything at all. It depends on whether they are
: trunked radios, conventional, UHF, VHF, 800MHz, 900MHz. We make all sorts
: of radios with all sorts of frequencies.

This much I assumed, but I thought that a certain type of customer would
be using units in a certain band, the way the railroads use either the
159-161 or the 413-420 bands.

--
Calvin Henry-Cotnam, CATE | "...My brain IBM"
Ryerson Polytechnic University | "So if you see me, acting strangely..."
Toronto, Ontario, Canada | STYX, Mr. Roboto
- -
"We've all been taught, all of us, that blacks and whites can't live together.
The reality is that interracial couples are as boring as anybody else. My
husband sits around the house and I tell him to pick up his socks. Once you
live with someone of another race, it's impossible to think of that race as
special or threatening or all that much different."

- Candy Mills, editor of "Interrace" magazine

4244. Re: Ar3000a Earphone Jac

Newsgroup: rec.radio.scanner
Date: 1994-05-27 14:11:00 UTC
From: Brett Kollar <Brett.Kollar@f747.n115.z1.fidonet.org>
Message-ID: <770047860@f747.n115.z1>
Source record: 273862

> So what's the deal with the front mounted earphone jack on the
> AR3000A? The rear speaker jack works fine for an earphone, but the
> front jack is not normal. If I plug it all the way in, there is no
> sound. If I pull the plug most of the way out it will work, but then
> it pops out. Is this jack non-standard? I tried stereo headphone and
> it works on one side. Am I supposed to get earphone with a short plug?

Brett, I have had the same problem with the headphone jack on my 3000. I found out that when the plug in all the way in you only get stereo on one side, but if you pull it out just a little it seems to work fine. I pump my audio into a switch box for the external speaker, tape, and FM transmitter so it is rarely that I use the headphone jack. As a result it doesn't effect me much.

I just had the whole scanner apart on the the work bench yesterday to find a way to tap into the 45Mhz IF and didn't even think to look at why the jack wasn't working correctly. I figured I could pull the IF to one of the spare pins on the DIN and use it in the future...

BRETT KOLLAR

* Evaluation copy of Silver Xpress. Day # 97
* Silver Xpress V4.00

4245. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-27 14:27:37 UTC
From: delkins@puc.edu
Message-ID: <2s5oj0$8hq@nntp.crl.com>
Source record: 273920

```
In article <CqFJHz.12n@metronet.com>, <copeland@metronet.com> writes:
[deleted]
>
> I'm not inferring that cops are bad, but the law is made to prevent
> any possible corruption of government from effecting the freedom
> and rights of the public. Thats why we have elections, and the
> right to bear arms, etc...
for now.
>
> --
> ------------------------------------------------------------------------
> | copeland@metronet.com |
> ------------------------------------------------------------------------
```

4246. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-05-27 14:31:38 UTC
From: horak@convex.com
Message-ID: <horak.770049098@convex.com>
Source record: 273878

In <1994May26.202659.7908@yvax.byu.edu> johnsonk1@yvax.byu.edu writes:

>I'm having a hard time knowing how to refer to someone who listens
>to scanners. What do we call ourselves? Here's a few I've thought
>of, but none seem to really fit right to me:

> Scanner listener
> Scannerer
> Scanner enthousiast
> Scanman (Scanwoman, Scanperson, whatever)

>Any suggestions?

Peeping Tom
Eavesdropper
Jerk
Wierdo
Pervert

Of course, most of these names come from those who think we do nothing but
listen to phone calls and baby monitors.

David

4247. Re: Which Scanner should I buy?

Newsgroup: rec.radio.scanner
Date: 1994-05-27 14:39:14 UTC
From: horak@convex.com
Message-ID: <horak.770049554@convex.com>
Source record: 273879

In <1994May26.175908.1428@arrl.org> jkearman@arrl.org (Jim Kearman (KR1S)) writes:

>Scotty bethke (kbethke@cscns.com) wrote:
>: Im sick and tired of my BC 760XLT. Its junk! Besides this I want a hand
>: held, and short wave. I used to think the AOR1500 would be a dream come
>: true. I need this range of freq's, with SPEED! The police in my area
>: have gone to a 800Mhz truncked system, so speed helps in this situation.
>: My Price Range is $400 to $700. Please let me know what to get and why.
>: I will sum. and post results if there is enough interest.

>You want a Yupiteru MVT-7100. Unfortunately, it's illegal to
>bring one into the US. Good luck.

Although the Yupi does have shortwave, if you really want to scan trunked
800 MHz stuff, be aware that the Yupi has a MINIMUM delay of two seconds
so unless you want to keep your finger on the up/down arrow button and
hit it every time a transmission stops, get something else. If you can
live with the delay *feature* then the Yupi is by far the best handheld
I could recommend.

David

4248. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-05-27 14:42:51 UTC
From: josephl@clark.net
Message-ID: <2s50tb$8ej@clarknet.clark.net>
Source record: 273881

johnsonk1@yvax.byu.edu wrote:
: I'm having a hard time knowing how to refer to someone who listens
: to scanners. What do we call ourselves? Here's a few I've thought
: of, but none seem to really fit right to me:

: Scanner listener
: Scanner
: Scannerer
: Scanner enthousiast
: Scanman (Scanwoman, Scanperson, whatever)
: Scannerman, etc.
: Scannerator

Electronics Voyeur.

4249. Antenna splitter

Newsgroup: rec.radio.scanner
Date: 1994-05-27 14:51:41 UTC
From: parv@kimbark.uchicago.edu
Message-ID: <1994May27.145141.10455@midway.uchicago.edu>
Source record: 273892

Out of curiosity, has anyone out there used a CB antenna (in this instance, my K40) as a radio antenna? I never thought about it until I discovered my power antenna didn't work and since the radio is already out, I can easily splice in the splitter.

Dave Parvin

4250. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-05-27 14:59:50 UTC
From: <>
Message-ID: <2s51t6$21l@wizard.uark.edu>
Source record: 273896

johnsonk1@yvax.byu.edu writes:

>I'm having a hard time knowing how to refer to someone who listens
>to scanners. What do we call ourselves? Here's a few I've thought
>of, but none seem to really fit right to me:

> Scanner listener
> Scanner
> Scannerer
> Scanner enthousiast
> Scanman (Scanwoman, Scanperson, whatever)
> Scannerman, etc.
> Scannerator

>Any suggestions?

Scanner Geek (speaking for myself ... :)
Scannist (a little puffed up, IMHO)

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Peter Laws <plaws@comp.uark.edu> | "The '90s are gonna make the '60s
n5uwy@ka5bml.#nwar.ar.usa.noam | look like the '50s" - Dennis Hopper

4251. Carrying portable scanner onto commerical aircraft

Newsgroup: rec.radio.scanner
Date: 1994-05-27 15:04:45 UTC
From: shc@mt747.att.com
Message-ID: <CqGv7x.GDz@nntpa.cb.att.com>
Source record: 273905

Scanner-philes,

I like to take my portable (PRO-43) to Disney World in the summer and was wondering:

- Are there any laws/regulations as far as carrying the unit onto the aircraft ?

- What do you do when you approach the security/X-ray area before you get to the gate ?

- Any restrictions from the airline as far as turning on the scanner on-board during flight ?

Any info/advice is greatly appreciated. Thanks in advance.

==========
Stephen Chu
AT&T Bell Labs
Holmdel, New Jersey USA Email: shc@mt747.att.com
==========

4252. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-05-27 15:12:33 UTC
From: sscalsk@relay.nswc.navy.mil
Message-ID: <SSCALSK.94May27101233@screamer.nswc.navy.mil>
Source record: 273883

In article <1994May26.120436.2016@arrl.org> jkearman@arrl.org (Jim Kearman (KR1S)) writes:

Okay, Wayne, so you're going to get off your duff and join
the League, eh? Get active, straighten us out.

Time to put your money where your mouth is.

Not meaning to pick on Jim here but I have heard it said in previous messages, by others in the ARRL and other HAMS that to make a difference or to change the organization you need to 'join' or more exactly 'put your money where your mouth is'. Now sure the ARRL will gladly take your money and put it to good use forwarding their agenda which is to put forth and support HAM related issues. Why would any non-HAM want to join an organization that has all but said we are not interested in your issues because our charter says so? What would be better is for the ARRL to unilaterly welcome ALL radio users, HAMS and non-HAMS. Until such time any non-HAM joining the ARRL, with the hopes of changing the ARRL, is throwing their money away.

-= stan sscalsk@relay.nswc.navy.mil

4253. Re: Motorola Walkie-Talkie Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-27 15:52:37 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.254.000FE0F7@ccm.hf.intel.com>
Source record: 273922

In article <2s57t2$l1s@hermes.acs.ryerson.ca> cal@ee.ryerson.ca (Calvin Henry-Cotnam) writes:

>The antenna on these units is about 6-7" long and fairly thin. Compared to
>the antenna on the PRO-46 scanner I have, the antenna is about the same
>length, but a bit thinner.

If the antenna is about the same width all the way up (or even taper all the way up), it is likely in the VHF range. If the antenna tapers and gets thinner about 3 inches from the top, it's probably a 800Mhz unit. Hope that narrows your search down a little. Look first on the itinerate business freqs.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4254. Re: 70XLT Mods Needed!

Newsgroup: rec.radio.scanner
Date: 1994-05-27 15:57:30 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.255.000FF5D2@ccm.hf.intel.com>
Source record: 273923

In article <1166868479.47675841@cyberden.cyberden.com> Minotaur@cyberden.com (Minotaur) writes:

>I recently purchased a Uniden scanner, model 70XLT. I would like to increase
>it's reception range so that it would include 800MHz and above. Is this
>modification possible on this particular model? If it is, would anyone mind
>sharing exactly how to do it? Thanks.--

No. I have never seen a scanner that does not come with 800MHz that can be
mod'ed to restore this range. The radio lacks the RF circuitry to receive
this range. Most mods are in the "digital" section not the RF section.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4255. Re: I want to buy a Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-27 16:22:13 UTC
From: magnet@nRCHs022
Message-ID: <2s56nl$f5p@corpgate.nt.com>
Source record: 273885

bill nelson (billn@hpcvaac.cv.hp.com) wrote:
|tshissl@orion.it.luc.edu (Todd M. Shissler) writes:
|: I am looking to buy a scanner in the near future, and would like the
|: phone number or recomendations of where to go to purchase one. I want to
|: stay away from radio shack because I have not been pleased with their
|: quality. Please e-mail me with this info soon. I have heard of a place

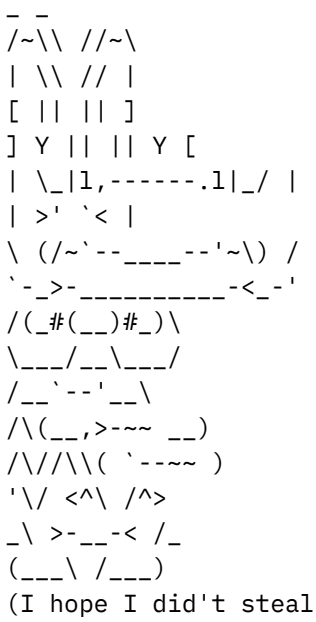
|That's too bad, since the PRO-43 and PRO-2006 are two of the best scanners
|built.

|Bill

I second that! I have many scanners ranging in price from 150-1500. I like
my 2006/s very much. Don't get hung up on "brand names".

Look at the AOR 3000a too. Tucker may still have some left.

--
brad.glidewell@nt.com



(I hope I did't steal this .sig from someone in THIS group.)

4256. 800 mhz trunking

Newsgroup: rec.radio.scanner
Date: 1994-05-27 16:30:04 UTC
From: kenneth924@aol.com
Message-ID: <2s576c$lt@search01.news.aol.com>
Source record: 273889

The police in my area are going to a motorola 800 mhz trunked system. What would be a good scanner to be able to monitor this. I was considering the BC2500 or the AOR TR 1000 XLT.

4257. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-05-27 16:32:39 UTC
From: magnet@nRCHs022
Message-ID: <2s57b7$f5p@corpgate.nt.com>
Source record: 273906

johnsonk1@yvax.byu.edu wrote:
|I'm having a hard time knowing how to refer to someone who listens
|to scanners. What do we call ourselves? Here's a few I've thought
|of, but none seem to really fit right to me:

| Scanner listener
| Scanner
| Scannerer
| Scanner enthousiast
| Scanman (Scanwoman, Scanperson, whatever)
| Scannerman, etc.
| Scannerator

The technical term used is "monitor" and a station is refered to as
a "listening post".

Redhawk-1, the Eagle has left the nest!

--
brad.glidewell@nt.com
o
_>\ _
(_)<(_)

4258. Re: FCC database online

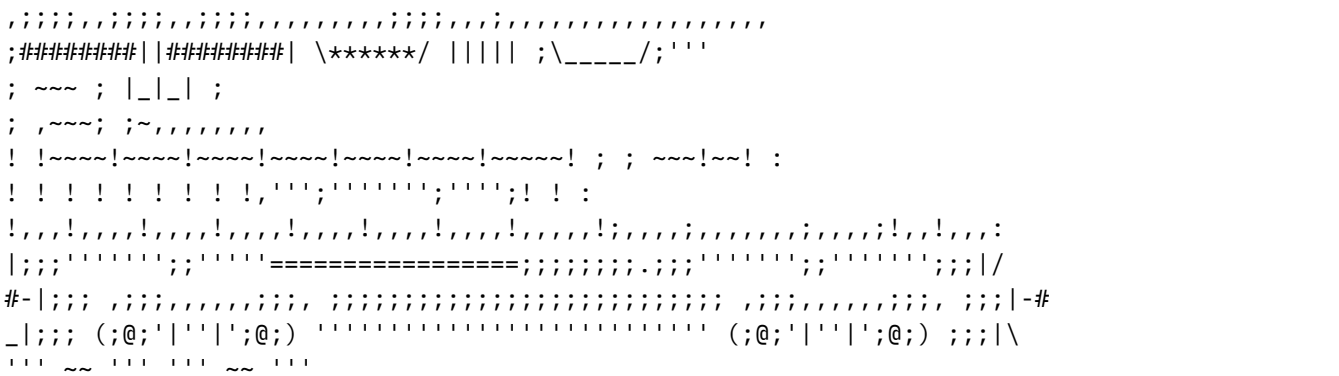
Newsgroup: rec.radio.scanner
Date: 1994-05-27 16:34:20 UTC
From: magnet@nRCHs022
Message-ID: <2s57ec$f5p@corpgate.nt.com>
Source record: 273908

Daryl Jones (daryl@tcomeng.com) wrote:

|We're experimenting with providing free public-access to our Informix
|database of FCC license information for radio transmitters located in
|California. The information should be accurate as of 09/30/93. More
|than 300,000 records are on file. Microwave, satellite, broadcast, and
|cellular records are included as well as business and public safety.

Limmited to Ca.?

--
brad.glidewell@nt.com



4259. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-05-27 16:37:00 UTC
From: zenith89@bcarh1ea.bnr.ca
Message-ID: <2s57jc$8tn@bmerha64.bnr.ca>
Source record: 273887

In article <2s51t6$21l@wizard.uark.edu>, plaws@comp..uark.edu (Peter Laws) writes:
|> johnsonk1@yvax.byu.edu writes:
|>
|> >I'm having a hard time knowing how to refer to someone who listens
|> >to scanners. What do we call ourselves?
|> > Scanner listener
|> > Scanner
|> > Scannerer
|> > Scanner enthousiast
|> > Scanman (Scanwoman, Scanperson, whatever)
|> > Scannerman, etc.
|> > Scannerator
|>
|> Scanner Geek (speaking for myself ... :)
|> Scannist (a little puffed up, IMHO)

How 'bout what an Ottawa Cop called me when he saw me with
a scanner (that was powered OFF!!!)...

>>> PUKE <<<

...CPV

4260. Re: Motorola Walkie-Talkie Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-27 16:42:10 UTC
From: cal@ee.ryerson.ca
Message-ID: <2s57t2$l1s@hermes.acs.ryerson.ca>
Source record: 273894

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:

: You can probably assume that they use business band frequencies. Since you
: know they use Moto radios, you can probably determine what band they are
: using by looking at the antenna lenght and shape. If you post this info, I'm
: sure someone can help you determine which band they use.

The antenna on these units is about 6-7" long and fairly thin. Compared to
the antenna on the PRO-46 scanner I have, the antenna is about the same
length, but a bit thinner.

--
Calvin Henry-Cotnam, CATE | "...My brain IBM"
Ryerson Polytechnic University | "So if you see me, acting strangely..."
Toronto, Ontario, Canada | STYX, Mr. Roboto
- -
"We've all been taught, all of us, that blacks and whites can't live together.
The reality is that interracial couples are as boring as anybody else. My
husband sits around the house and I tell him to pick up his socks. Once you
live with someone of another race, it's impossible to think of that race as
special or threatening or all that much different."

- Candy Mills, editor of "Interrace" magazine

4261. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-05-27 16:46:31 UTC
From: csdfg@selway.umt.edu
Message-ID: <1994May27.164631.15765@selway.umt.edu>
Source record: 273897

I think "observationist" says it all.

dfg

4262. Re: Dual cellphone antennas?

Newsgroup: rec.radio.scanner
Date: 1994-05-27 16:48:56 UTC
From: peter_Simpson@3com.com
Message-ID: <2859@bridge2.NSD.3Com.COM>
Source record: 273888

In article n44@usenet.INS.CWRU.Edu, cw400@cleveland.Freenet.Edu (Eric L. Bartholomew) writes:
>
>
>The 3 antennas are probally a doppler direction finder used with
>the Lojack stolen car recovery system.

Unless Lo-jack has changed their system, they use *four* antennas. And putting them on the trunk lid does nasty things to the pattern...they're usually mounted on the roof.

Peter Simpson, KA1AXY Peter_Simpson@3com.com
3Com Corporation (508) 836-1719 voice
Northborough, MA 01532 (508) 393-6934 fax

I speak only for myself, 3Com doesn't pay me to speak for them, so I don't.

4263. Re: Carrying portable scanner onto commerical aircraft

Newsgroup: rec.radio.scanner
Date: 1994-05-27 16:56:05 UTC
From: cal@ee.ryerson.ca
Message-ID: <2s58n5$l1s@hermes.acs.ryerson.ca>
Source record: 273895

14035-S.CHU(MT5712)XXXX (shc@mt747.att.com) wrote:

: Scanner-philes,
: I like to take my portable (PRO-43) to Disney World in the summer and was
: wondering:
: Are there any laws/regulations as far as carrying the unit onto the aircraft?

None that I know of. I certainly would not put it in my checked luggage!
Besides the rough treatment that it could get, there are many incidents of
personel opening up and stealing from luggage.

: What do you do when you approach the security/X-ray area before you get to
: the gate?

With ANY electronic equipment - get a visual inspection! Be sure you have
fully charged batteries, as a visual will require it to be turned on.
Many electronic items now use microprocessors and often have permanent
code on EPROM chips. Besides being erasable by exposure to UV light,
an EPROM could become erased (it only takes ONE BIT!) from X-rays.

By the way, I include many cameras in this catagory. Besides being
electronic, there is a concern about the film. Most airport security
personel are told that any film under 400 ISO can go through the X-rays.
HOWEVER, X-rays are accumulative, just like the exposure of film to
visible light. Four passes through the X-rays with 100 ISO film is the
same as one pass with 400 ISO!

: Any restrictions from the airline as far as turning on the scanner on-board
: during flight?

Mostly, it depends on the airline. Some do not allow "any electronic"
equipment to be used on board, some only on take-off and landing. Some
leave it up to the crew to decide. The problems started occurring with
laptop computers, but the possibility of scanners, camcorders, and other
stuff do exist. Basically, most of today's aircraft rely on electric
signals, but were not designed to take into account any electro-magnetic
interference from within the craft. Complete navagation system failures
have been reported and cases where a passenger using a laptop turning off
the device after being asked resulting in the restoration of the navagation
system have been reported.

--
Calvin Henry-Cotnam, CATE | "...My brain IBM"
Ryerson Polytechnic University | "So if you see me, acting strangely..."
Toronto, Ontario, Canada | STYX, Mr. Roboto
- -
"We've all been taught, all of us, that blacks and whites can't live together.

The reality is that interracial couples are as boring as anybody else. My husband sits around the house and I tell him to pick up his socks. Once you live with someone of another race, it's impossible to think of that race as special or threatening or all that much different."

- Candy Mills, editor of "Interrace" magazine

4264. Re: can some PRO-43's be modified, some not?y

Newsgroup: rec.radio.scanner
Date: 1994-05-27 17:02:59 UTC
From: ccopreb@phantom.oit.gatech.edu
Message-ID: <2s5943$mgd@phantom.oit.gatech.edu>
Source record: 273893

>> To date, the highest serial number that has been reported modified is 067473.
>> I have not seen the unit myself, but have no reason to think the case is being
>> misrepresented.

My Pro-43 serial number is 07422x and it modified just fine. Someone
on the net here said that the unrestorable ones would be part number
20-300A, rather than 20-300. I think Gary Ross is the one who said
that.

--
Earl Barfield -- Operations Department / Information Technology
Georgia Institute of Technology, Atlanta Georgia, 30332
Internet: Earl.Barfield@oit.gatech.edu ccopreb@prism.gatech.edu
earl@fantasy.gatech.edu ccopreb@oit.gatech.edu

4265. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-27 17:27:10 UTC
From: dbashaw@synoptics.com
Message-ID: <CqH1tA.117@synoptics.com>
Source record: 273903

>take my name and have someone call me back. Yea, right. They eventually said
>that they didn't have the resources to investigate this type of crime and that
>the Secret Service did the investigations for this sort of thing (?). I spoke
>to a SS guy in San Francisco and it was a dead end, so I dropped the issue.
>
>
>
>Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
>Intel Corp.
>American Fork, UT

If I remember correctly, from an episode of 20/20, the Treasury cops were in
on this type of crime. They were flying around in a chopper somewhere in NY
scoping out signals from various dare I say it LOW RENT neighbourhoods. Ones
in which you would not expect to find too much cellular use which were
eminating lots of cell calls to latin America. Surprised me to see treasury
dept in on this kind of action.

Dave Bashaw
wa6qwl

4266. Re: Police Help

Newsgroup: rec.radio.scanner
Date: 1994-05-27 17:46:06 UTC
From: jeffp@access1.digex.net
Message-ID: <jeffp.770060618@access1>
Source record: 273898

magnet@nRCHs022 (Brad Glidewell) writes:

>Gary Wilson (garywils@netcom.com) wrote:
>|on. And I told them that I had a scanner. Jack was still crying and
>|several of the policeman said to Jack "you should be proud of your
>|dad, he's a hero". Jack immediately stopped crying and his face lit
>|up and I was feeling a bit proud.
>|
>|Gary
>|garywils@netcom.com

>You took a MAJOR risk to do this. Would you do it again?
>--
>brad.glidewell@nt.com
>"Do not be timid and squeamish about your actions.
> All life is an experiment." - Ralph Waldo Emerson

I say good job! I have done something similar.
to shorten it to the shortest:
My father & i were walking home from the pizza shop, we heard a lady across the street yell 'get my purse', the perp ran across the street in our direction, and my father & I tackled him.

We both recieved the BSA Medal of Merit.

JeffP

4267. Louisinana Frequencies Wanted **

Newsgroup: rec.radio.scanner
Date: 1994-05-27 18:03:42 UTC
From: sbrackstone@admin1.memphis.edu
Message-ID: <1994May27.130342.18616@admin1.memst.edu>
Source record: 273838

Can someone post or email to me the frequencies used in Louisiana
by the State Police and the Parish Sheriffs. I have seen conflicting
information in some of the published directories.

Sam

4268. Re: Carrying portable scanner onto commerical aircraft

Newsgroup: rec.radio.scanner
Date: 1994-05-27 18:12:02 UTC
From: compedge1@aol.com
Message-ID: <2s5d5i$1l6@search01.news.aol.com>
Source record: 273907

I have travelled extensively with my Pro-43.

The security folks will not have a problem with your scanner although they may ask you to turn it on to be sure it is not some explosive device (they've never asked me to turn mine on).

The only time I have a problem with security is when my carry-on bag includes my Pro-43, Sony 2010 (shortwave), and my scuba regulator. Can you imagine what that x-ray must look like?!?

As for when you are on the plane, most airlines (and I think the FAA regs) prohibit the use of radios on board commercial aircraft (with the exception of those being used in the cockpit).

Some airlines (United) will let you listen in to air traffic control on the plane's audio system (usually channel 9). However, I find that I need to make a trip to the cockpit before takeoff to ask the pilots if they will turn it on. Some will do it and some won't.

Recently on a trip to Taiwan, I asked if I could use my scanner in flight. On the way to Taiwan the pilot said that it was against FAA regs. On the way home the pilot said "sure, go ahead."

My advice - it is your safety too. Leave the scanner off during flight but enjoy it when you reach your destination.

--- David

4269. Re: Carrying portable scanner onto commerical aircraft

Newsgroup: rec.radio.scanner
Date: 1994-05-27 18:26:23 UTC
From: rdervan@mindspring.com
Message-ID: <rdervan.14.00127123@mindspring.com>
Source record: 273921

In article <2s5mh5$6fr@usenet.INS.CWRU.Edu> el124@cleveland.Freenet.Edu (Mike Wilson) writes:

>In a previous article, compedge1@aol.com (CompEdge1) says:

>>As for when you are on the plane, most airlines (and I think the FAA
>>regs) prohibit the use of radios on board commercial aircraft (with
>>the exception of those being used in the cockpit).

> The FARs (federal aviation regulations) say the following:
>Sec. 91.21 Portable electronic devices.

> (5) Any other portable electronic device that the operator of the
>aircraft has determined will not cause interference with the navigation
>or communication system of the aircraft on which it is to be used.

Delta specifically allows the use of "VHF Scanners" on their flights as long as it's not in the takeoff or landing phase. If in doubt, look in their "Sky" magazine under the information section toward the back.

-Richard

4270. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-05-27 18:27:59 UTC
From: copeland@metronet.com
Message-ID: <CqH4Mo.lw6@metronet.com>
Source record: 273909

In article <1994May26.202659.7908@yvax.byu.edu>,
<johnsonk1@yvax.byu.edu> wrote:
>I'm having a hard time knowing how to refer to someone who listens
>to scanners. What do we call ourselves?

>Here's a few I've thought of, but none seem to really fit right to me:
>
> Scanner listener
> Scanner
> Scannerer
> Scanner enthousiast
> Scanman (Scanwoman, Scanperson, whatever)
> Scannerman, etc.
> Scannerator
>
>Any suggestions?

receptionist
freqin' couch potato
freqin' surfer
airwave surfer

--

| copeland@metronet.com |

4271. National Forest Service Freq.'s

Newsgroup: rec.radio.scanner
Date: 1994-05-27 19:11:07 UTC
From: timd@fenian.us.dell.com
Message-ID: <2s5gkb$m3o@uudell.us.dell.com>
Source record: 273828

I am trying to find the National Forest Service Freq.'s, specifically
for WYOMING (Shoshone National Forest, etc.)

Thanks,
--Tim
{{{{{{{{{{{{{{{{{{{{ timd@fenian.us.dell.com}}}}}}}}}}}}}}}}}}}}

4272. frequencies for San Diego

Newsgroup: rec.radio.scanner
Date: 1994-05-27 20:22:00 UTC
From: gjoos@truman.nsc.com
Message-ID: <1994May27.202200.25499@berlioz.nsc.com>
Source record: 273919

Hi,

I am going to be in San Diego in the early part of June. I am looking for some basic frequencies (i.e. police, fire, etc). Also, is there any local rules/regulations I should know about?

Thanks

George Joos
gjoos@turman.nsc.com

4273. Re: I want to buy a Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-27 20:41:48 UTC
From: rohvm1.mahgvb@rohmhaas.com
Message-ID: <rohvm1.mahgvb-270594164446@wmgvb.ho.rohmhaas.com>
Source record: 273853

In article <1994May27.053624.7123@hpcvaac.cv.hp.com>,
billn@hpcvaac.cv.hp.com (bill nelson) wrote:

> tshissl@orion.it.luc.edu (Todd M. Shissler) writes:
> : I am looking to buy a scanner in the near future, and would like the
> : phone number or recomendations of where to go to purchase one. I want to
> : stay away from radio shack because I have not been pleased with their
> : quality. Please e-mail me with this info soon. I have heard of a place
>
> That's too bad, since the PRO-43 and PRO-2006 are two of the best scanners
> built.
>
> Bill
I agree with Bill. I have both a Pro43 and 2006. Don't sell them short!
--
==========

George Bochanski mahgvb@rohmhaas.com
"The opinions expressed are those of the
author and not of Rohm and Haas Company."

4274. Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-05-27 20:45:00 UTC
From: gregory.halpin@bitbytes.clark.net
Message-ID: <e5.4789.143.0NE0A62F@bitbytes.clark.net>
Source record: 273837

johnsonk1@yvax.byu.edu asked:

J>I'm having a hard time knowing how to refer to someone who listens
>to scanners. What do we call ourselves? Here's a few I've thought
>of, but none seem to really fit right to me:

J> Scanner listener
> Scanner
> Scannerer
> Scanner enthousiast
> Scanman (Scanwoman, Scanperson, whatever)
> Scannerman, etc.
> Scannerator

J>Any suggestions?

Well, we used to sarcastically call them "scanner fans". But I would
recommend one of the following:

Monitor
Monitorer
Monitoring Enthusiast
Communications Enthusiast
Communications Monitorer
Communications Monitor
An average American

Usenet archive: rec.radio.scanner (1994-01 - 1994-07) Page 5148

4275. Virginia frequencies need

Newsgroup: rec.radio.scanner
Date: 1994-05-27 20:45:00 UTC
From: gregory.halpin@bitbytes.clark.net
Message-ID: <e5.4788.143.0NE0A62E@bitbytes.clark.net>
Source record: 273839

M>I'll be going to Petersburg,Va. soon, does anyone have a frequency listing
>for the following areas?: Petersburg, Chesterfield County,Colonial
>Heights, Hopewell and any other place receptive to the Petersburg-Ettrick
>area, thanks.-PJB

I would have sent these E-mail, but no address was found on the message.

453.750 - Richmond Fire F1
453.650 - Richmond Fire F3
46.46 - Chesterfield Fire F1 (old lowband)
46.34 - Chesterfield Fire F2 (old lowband)
460.525 - Petersburg Fire F1
460.600 - Petersburg Fire F2
460.475 - Petersburg Fire F3
154.190 - Petersburg Fire (old VHF-Hi)
154.325 - Colonial Heights Fire
154.340 - Henrico County Fire
154.430 - Henrico County Fire
154.130 - Richmond Rescue Squads?
155.265 - Chesterfield Rescue Squads
154.160 - Chesterfield Fire paging/800 MHz repeater

Chesterfield County operates an 800 MHz trunked system. This system
includes Fire, Police, Sheriff, Parks, Utilities, Administration and
Courts. It operates on the following frequencies:

856.2125 811.2125
856.2375 811.2375
857.2125 812.2125
857.2375 812.2375
858.2125 813.2125
858.2375 813.2375
859.2125 814.2125
859.2375 814.2375
860.2125 815.2125
860.2375 815.2375

I also have a Virginia area Police Call if you want me to check that.

---------- L
- Greg Halpin - Internet: gregory.halpin@bitbytes.clark.net -
- from - RIME: BITBYTES Node #1201 -
- York, PA - FidoNet: 1:270/616 -

4276. Re: Carrying portable scanner onto commerical aircraft

Newsgroup: rec.radio.scanner
Date: 1994-05-27 20:51:49 UTC
From: el124@cleveland.Freenet.Edu
Message-ID: <2s5mh5$6fr@usenet.INS.CWRU.Edu>
Source record: 273855

In a previous article, compedge1@aol.com (CompEdge1) says:

>As for when you are on the plane, most airlines (and I think the FAA
>regs) prohibit the use of radios on board commercial aircraft (with
>the exception of those being used in the cockpit).

The FARs (federal aviation regulations) say the following:
Sec. 91.21 Portable electronic devices.

(a) Except as provided in paragraph (b) of this section, no person
may operate, nor may any operator or pilot in command of an aircraft
allow the operation of, any portable electronic device on any of the
following U.S.- registered civil aircraft:

(1) Aircraft operated by a holder of an air carrier operating
certificate; or
(2) Any other aircraft while it is operated under IFR.

(b) Paragraph (a) of this section does not apply to--
(1) Portable voice recorders;
(2) Hearing aids;
(3) Heart pacemakers;
(4) Electric shavers; or
(5) Any other portable electronic device that the operator of the
aircraft has determined will not cause interference with the navigation
or communication system of the aircraft on which it is to be used.

All airlines are operated under IFR (instrument flight rules).
Therefore, it is up to the pilot in command (PIC) to determine whether
or not we can use our scanners on a particular flight. If the PIC
(which is your captain) says it's OK to use it, then it's allowed under
(b)(5).

I just went to Baltimore last week via TWA. I brought my BC200xlt
with me on the flight. Before I went to my seat, I went and talked to
the flight crew. I first talked about flying in general (because I'm a
commerical pilot). After a couple of minutes, I said "oh, by the
way..would you guys mind if I listened in on the flight with my scanner
here? I'd really get a kick out of it." Well, they looked at it for a
couple of seconds and inquired whether or not I could transmit with it.
After informing them that I could not, the captain said
"well...ummm...ok, sure. But turn it off on takeoff and landing." I
was quite happy!

Well I listened in on the two hour flight. Listening to Center was
really weak. Whenever there was a frequency change, I had to hope that

the copilot would repeat the frequency when he was handed off. Most of the time he didn't, so I was screwed. When this would happen, I would search between 118 and 136 for our flight. It was a matter of timing, but I did manage to hear them talking on the new frequency once I found it.

When we started to descend to BWI, I got nailed by the stewardess. She saw that I was listening to something. I had a window seat on the right side of the plane, and I kept the scanner hidden between me and the body of the plane. It wasn't until we were 20,000 up and in a descent until I was caught. She said, "sir, what are you listening to?" I retorted, "oh, it's a radio". She went on to say "sir, the operation of electronic devices are illegal on this flight--you will have to turn it off right now!"

I then proceded to tell her that the captain specifically approved of me having it and listening to it. "Oh, well he certainly did not tell me about it so your going to have to turn it off." I told her to go and quite beligerant w/ me in tone and her gustures. If we had not been so close to BWI (and it was lousy weather there) I'd of told her to go and ask the captain NOW! I let it go at that.

After the flight, I told her to be sure and ask the captain about it. She did...and he told her. She turned to me and said, "well, the captain is supposed to inform me of it--I'm going to have a little talk with him." Geeesh...I felt sorry for the captain.

If you do get the captain's approval, be sure to let the flight attendant know about it...or you might end up like I did.
--
Mike Wilson COM-ASEL-IA
Spirit of St. Louis, MO
Email: Internet--wilson@sluvca.slu.edu ----------
Compuserve--75163,45

4277. FCC Databases for NY and L.I.

Newsgroup: rec.radio.scanner
Date: 1994-05-27 20:52:28 UTC
From: rp4541@albnyvms.bitnet
Message-ID: <2s5mic$7tv@rebecca.albany.edu>
Source record: 273825

I have seen the FCC databases for California. Are there any for New York?

```
-------------------------------------------------------------------------
|Ronald Poserina Jr. | "Yea, this is Long Island. Land of Buttafouco|
|rp4541@albnyvms.bitnet | crazy car stereos, high taxes, and people with|
|Long Island, New York | funny accents. And I love it!!" |
-------------------------------------------------------------------------
```

4278. Re: Which Scanner should I buy?

Newsgroup: rec.radio.scanner
Date: 1994-05-27 20:52:29 UTC
From: barryc@mpd.tandem.com
Message-ID: <1994May27.205229.5119@integrity.uucp>
Source record: 273826

RE:

>You want a Yupiteru MVT-7100. Unfortunately, it's illegal to
>bring one into the US. Good luck.

I curious just how many have been confiscated in the past month. Anyone made it through? Congrats if you did (civil disobediance; an American tradition) its a stupid law and should be changed.

Barry D. Chalcroft / N5NWI Tandem Computers ISD, Austin,TX
Work: (512) 244-8723 The Home of "UNIX with Integrity""
EMAIL: barryc@mpd.tandem.com bchalcroft@delphi.com
76500.2177@compuserve.com barryc@cactus.org
BChalcroft@aol.com n5nwi@n5nwi.ampr.org

4279. Re: I want to buy a Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-27 22:23:57 UTC
From: copeland@metronet.com
Message-ID: <CqHFJy.x3@metronet.com>
Source record: 273916

In article <rohvm1.mahgvb-270594164446@wmgvb.ho.rohmhaas.com>,
George Bochanski <rohvm1.mahgvb@rohmhaas.com> wrote:
>In article <1994May27.053624.7123@hpcvaac.cv.hp.com>,
>billn@hpcvaac.cv.hp.com (bill nelson) wrote:
>
>> tshissl@orion.it.luc.edu (Todd M. Shissler) writes:
>> : I am looking to buy a scanner in the near future, and would like the
>> : phone number or recomendations of where to go to purchase one. I want to
>> : stay away from radio shack because I have not been pleased with their
>> : quality. Please e-mail me with this info soon. I have heard of a place
>>
>> That's too bad, since the PRO-43 and PRO-2006 are two of the best scanners
>> built.
>>
>> Bill
>I agree with Bill. I have both a Pro43 and 2006. Don't sell them short!

I have both a Pro43 and Pro2006 also. They are actually made by GRE and
sold by Radio Shack. Best value out there.

--

| copeland@metronet.com |

4280. Secret Service!

Newsgroup: rec.radio.scanner
Date: 1994-05-27 22:43:15 UTC
From: hightech@mv.mv.com
Message-ID: <CqHGG4.H0s@mv.mv.com>
Source record: 273915

The Secret Service is in Town! I've heard our local police address them several times on the town's primary channel but have not been able to find the feds anywhere.

I've been trying from 163 to 168.00 with no luck so far...

will also be searching the 407-408.00 area (for body radio's).

The strange part is that there have been no announced VIP's visiting the area.

Any help on other possible frequencies will be appreciated.

Ron Cooper
Salem, NH

4281. Re: Site to look up frequiencies

Newsgroup: rec.radio.scanner
Date: 1994-05-27 23:34:38 UTC
From: rwilkins@ccnet.com
Message-ID: <2s602e$58f@ccnet.ccnet.com>
Source record: 273917
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner

John Lundgren (jlundgre@news.kn.PacBell.COM) wrote:

For California FCC licence data and usa mobile only licence data

: Telnet to tcomeng.com password is FCC.

the password is case sensitive use fcc

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

4282. Re: Carrying portable scanner onto commerical aircraft

Newsgroup: rec.radio.scanner
Date: 1994-05-27 23:43:51 UTC
From: el124@cleveland.Freenet.Edu
Message-ID: <2s60jn$k8l@usenet.INS.CWRU.Edu>
Source record: 273918

In a previous article, rdervan@mindspring.com (Richard B Dervan) says:

>Delta specifically allows the use of "VHF Scanners" on their flights as long
>as it's not in the takeoff or landing phase. If in doubt, look in their "Sky"
>magazine under the information section toward the back.

Yep...the airlines in general have guidelines they issue. In fact,
TWA has guidelines too as I found out on the return trip to STL. I
talked to the crew for a while and then asked about the scanner. The
captain specifically said that their operating procedures do not allow
the use of any electronic devices at all. I certainly gave them no
problems about this; I was just lucky enough on the trip to BWI to have
a captain who didn't know TWA's policy on electronics (or maybe he did,
and didn't mind if I used my scanner).

I would of included this in my original post, but I ran out of my 60
minute session here on Freenet. Please excuse the grammer mistakes in
the last post; I was rushed :(
--
Mike Wilson COM-ASEL-IA
Spirit of St. Louis, MO
Email: Internet--wilson@sluvca.slu.edu ----------------------
Compuserve--75163,45

4283. What are frequency counters?

Newsgroup: rec.radio.scanner
Date: 1994-05-27 23:45:32 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9405280908.AA140182@f217.n202.z1.fidonet.org>
Source record: 273797

A freq counter can help you find the 'special' little freqs that various agencies use, but don't have licenses for. By getting near someone transmitting, you can quickly find out what freq they're on, then cross-reference to see who is licensed for it (if anyone). Good for police tactical stuff, and business things, especially for digging out those SMR users.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

4284. Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-05-27 23:47:18 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9405280908.AA140183@f217.n202.z1.fidonet.org>
Source record: 273799

```
j> Scanner listener
j> Scanner
j> Scannerer
j> Scanner enthusiast
j> Scanman (Scanwoman, Scanperson, whatever)
j> Scannerman, etc.
j> Scannerator

Scannist has become popular, but whatever you feel most comfortable
with works for me.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)
```

4285. Re: Secret Service!

Newsgroup: rec.radio.scanner
Date: 1994-05-27 23:50:30 UTC
From: el124@cleveland.Freenet.Edu
Message-ID: <2s6107$l0o@usenet.INS.CWRU.Edu>
Source record: 273817

In a previous article, hightech@mv.mv.com (HighTech) says:

>The Secret Service is in Town! I've heard our local police address them
>several times on the town's primary channel but have not been able to
>find the feds anywhere.

>The strange part is that there have been no announced VIP's visiting the
>area.

I can't help you with the frequencies...but maybe they are securing
a local golf course in the area for Clinton's aides. Be watching out
for his helicopter to arrive within the next day or so :)
--
Mike Wilson COM-ASEL-IA
Spirit of St. Louis, MO
Email: Internet--wilson@sluvca.slu.edu ----------
Compuserve--75163,45

4286. re:pro-43

Newsgroup: rec.radio.scanner
Date: 1994-05-27 23:56:04 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9405280908.AA140184@f217.n202.z1.fidonet.org>
Source record: 273796

JD> does anyone know what are on these channels that the Pro-43
doesn't
JD> cover:

D> 54-118

Lots of pagers and data stuff (remote control of industrial equipment,
as well as aircraft beacons and other aircraft non-voice between 108
and 118.

JD> 175-219

Lots of low power stuff, wireless mikes, some 'coastal' channels
(AMTS), TV channel 12 audio, and a Naval space surveillance station.

JD> 513-805

TV stations from ch. 22 thru 69.

JD> 824-850

Mobile end of Cellphones. Base side is from 869-894.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

4287. Re: Has Grove sold out to the FCC?

Newsgroup: rec.radio.scanner
Date: 1994-05-27 23:59:08 UTC
From: schuster@panix.com
Message-ID: <2s61gc$hhi@panix2.panix.com>
Source record: 273827

In article <URb5tA4EBh107h@tbd.oau.org>, Tim Dobbins <tim@tbd.oau.org> wrote:
>I never thought I'd see the day it would happen, but Grove Enterprises
>seems to have either sold out to the FCC or grown to the point they no
>longer care about the monitoring community as a whole, only their own
>self interests. For several months now Monitoring Times has been
>publishing misleading and downright false information about obtaining
>full coverage scanners after April 26. It's been so bad that many of the
>guys on Compuserve now openly question information from Grove and MT. This
>is very disturbing as MT used to be a very accurate and highly regarded
>publication in the radio community. I personally still find MT a very accurate
>and informative magazine. Hell, my subscription would not run until August of
>1998 if that weren't the case, however, there is one big exception to the
>accuracy of MT.

You might find this interchange amusing ... by chance it happened by me
the other night, on the Shortwave echo conference of the Fidonet BBS
network.

Message #232 - Shortwave
Date: 05-24-94 00:01:00
From: William Viets
To: John Smullen
Subject: Re: grove enterprises...

>I think the general consensus is that Grove and Monitoring Times are
>pretty much first rate.

John, there is, I fear, no "general consensus." Rather, I think, there are
only individual, anecdotal reports of purchasing and/or service experiences.
Grove's product (hardware) prices are simply competitive at best and their
shipping charges bear no semblance to reality. (Not that very many other mail
order outfits can restrain themselves from predatory markups on "shipping and
handling" either, to be sure.)

I think if I am ever reincarnated I want to come back as a direct mail
marketer...of ANYTHING. These guys have industrial strength chutzpah and it
obviously pays off for them very nicely, thank you.

Monitoring Times certainly contains at least as much info for enthusiasts as
most other publications in the field which I've seen, but on balance it is
written in elementary school-level prose at best and does not have the benefit
of any serious "editing" to clean it up. I refuse to believe that the majority
of MT readers are educationally- deprived dolts who cannot handle the English
language at any higher level than, say, My Weekly Reader. I for one am not
and so vent my wrath. If anyone has evidence to the contrary, lemme at it,
please.

The magazine's standing columns are full of (amateur) air and most of the features are just plain embarassing. Not gonna catch this package sitting on many coffee tables, nossuh. Grammatical errors, typos and syntax errors in 1994? Absolutly, totally unacceptable. The amateur- writer-supplied (read "free") photos are pathetic and it's pretty obvious that nobody in Brasstown owns a grease pencil with which to crop the crap-o-la. Most of 'em (the reader "photos") aren't worth the cost of the fillim it took to shoot 'em.

Grove takes to rant in the magazine. Very unprofessional. Bush-league at best. Period. Someone needs to go to "publisher school" and take Magazine Editorial Content 101. Get past it and move on. The monthly is as rough around the edges style-wise as it is in design, layout and paper stock selection. It has brought a whole new dimension to the "quick and dirty" el-cheap-o Flintstones Publishing, Inc., genre. The four-color covers don't and can't save it. Better a straight offset one-color issue, if they can't bear to spend any real money on production/design. At least then it would have the cachet of being "funky." Don't get me wrong, now. I don't think it should look like Harper's or Vanity Fair, but come ON, can we talk? The next step on the ladder is a homeowner association "newsletter," heh-heh.

To another pet peeve: I've yet to get a complete, lucid, written reply to any inquiry I've ever made to the company by mail or fax on any subject. Ever. (Of course the same is pretty much true from my personal knowledge of similar experiences with EEB, heh-heh.)

Remember the classic quote about the Timex/Sinclair "computer" 10 years ago: "Well, it's probably better than no computer at all." Grove too, in my opinion. I look forward to skimming MT and the Grove catalogs. But, sheesh. They sell some state-of-the-art goodies; why can't they publish any? I guess they're just like Wratte Shaque: the only game in town, so they get away with nearly whatever cheap-dip they want.

Thanks for providing the opportunity for me to get off on this, John. I feel better about'em already. But I think I'll go get a doggie biscuit now just in case I feel a relapse comin' on, heh-heh. Best, Wm.

===
* SLMR 2.1a * Why buy shampoo when real poo is still free?

--- Squish v1.01
* Origin: Woodlawn Manor * Gaithersburg MD * (1:109/462)
--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4288. RE: FREEWAY VIDEO CAMERAS (HOUSTON)

Newsgroup: rec.radio.scanner
Date: 1994-05-28 00:17:39 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9405280017.A3698wk@chrysalis.org>
Source record: 273843

there was an interesting program discussing these cameras and what they do on newtons apple about 3 weeks ago. the ones they refered to were in colorado and were used to monitor high volume traffic areas and to regulate the amount of traffic allowed on the freeways by use of regulated on ramps. b

4289. RE: NO EFFECT ON HAMS?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 00:17:40 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9405280017.A3837wk@chrysalis.org>
Source record: 273844

i agree with duane whole hartedly. ALL radio hobbists should be concerned about what affects the WHOLE spectrum, not just "thier" small portion of spectrum. soon there will be no spectrum left for anyone to enjoy. That sounds very silly. Sounds like the only ones that will be left are the pirates. Maybe that will be the only amateur radio to enjoy in the future. I have a hard time immagining anyone going to jail and paying out very large amounts of money for listening to a radio. Shades of Nazi Germany in the 1930's and 40's. And is anyone at ALL concerned about the NJ laws that are trying to make their way into the lives of radio hobbiests?, the taxing and mandated inspection of all transmitting devices, inspections that could cost as much as 2000 to an individual per year??? Come on arrl, irca, nra, and the rest of the radio clubs, local and national. its time to do something now, not when its too late.
73 b. wb5kxw

4290. RE: FREEWAY VIDEO CAMERAS (HOUSTON)

Newsgroup: rec.radio.scanner
Date: 1994-05-28 00:17:41 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9405280017.A4032wk@chrysalis.org>
Source record: 273845

to the gentleman that had the question about the effectiveness of the lightening rods and wanted info on grounding techniques:
the rods are affective as can possibly be, they are not as likely to arch across to the camera as they already have a "low impedence" path to ground when they strike the rod, but this is not always 100 percent. as far as antenna grounding, motorola puts out a good little phamplet on grounding techniques. for a few pointers, use two arresters on your coax. one at the antenna and one at the entrance to the building. ground both of these to a good earth ground using as large a wire as practical. usually number 8 or larger. on the coax going into the building, bend the coax so it forms a right angle at the bottom of the lightening arrester where the cable enters the building. do not crimp the wire where it is damaged however. this 90 degree bend tends to act as a high impedence point for lightening and the lightening will tend to go through the arrester to ground rather than into the radio room. if the lightning doesnt go throught the arrestor, this high imppedence point will also tend to burn in two from the heat generated from a lightening strike, thus limiting the amount of lightening entering the building because of the disconnection. always use long ground rods, 8 feet or so is the norm and make sure regular maintenance is done on the entire system. and , as always, completely disconnect the antenna from the radios when not in use. even close by lightening strikes can damage the front end of a receiver because of the amount of electrostatic energy on the antenna. hope this is of some help. im sure there are more ideas out there. oh and one more thing. if you use an antenna tower, dont assume that just because its in the ground with concrete that it is lightening protected. lightening has been known to blow apart concrete tower bases causing the antenna tower to fall. always run grounds to the antenna tower, and on all grounds, run them with as little bend as possible. 73. brian. wb5kxw

4291. Frequency counter recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 03:15:43 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May27.221543.2395@hnrc.tufts.edu>
Source record: 273727

Would anyone care to make a lower-cost frequency counter recommendation?
The more affordable models seem to be

Radio Shack 22-305 $100
Optoelectronics 3300 $130
Startek 1350 $130 list

I notice the Opto has a hold button while the RS doesn't. Not sure about the Startek. My intuition tells me this could be worth the extra $'s. Any comments?

Thanks.

4292. Re: can some PRO-43's be modified, some not?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 03:25:12 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770116895@f747.n115.z1>
Source record: 273777

JD> From: jdewitt@rainbow.sosi.com (Jeff Dewitt)
JD>
JD> Is there any truth to the statement that some PRO-43's can be
JD> modified, and some not. I had a PRO-51, and I just returned it and
JD> got a PRO-43. The model number is 20-300.
(truncated)

The model you have should be modifiable. If it had an 'A' after the
number, then you would have the unmodifiable unit.

Product: Realistic Pro-43
Purpose: Restore full 800 Mhz continuous coverage

Modification is from the publication Monitoring Times
September, 1992 Page 107

** Warning...This procedure will void your warranty

** Do not attempt this modification unless you are familiar with small
component soldering. Performing this modification is done at your own
risk. If you don't feel comfortable doing the mod, DON'T.

** Static damage is quite possible as the modification involves work near
the microprocessor. A static strap is highly recommended.

** This modification restores certain portions of the 800 Mhz band that is
against U.S. federal law to monitor.

Tools needed...Fine point low powered soldering iron, solder wick or
de-soldering tool (I recommend the wick), pointed awl, hemostats or pointed
tweezers, small phillips screwdriver, solder.

1. Remove the battery, antenna and back cover (held in place by four
screws)

2. Remove the six screws holding the top circuit board in place.
Carefully unsolder the two antenna connections from the board. Bend the
antenna ground tab fully up form the board. Crefully lift the board,
unplugging the black connector at its base, and lay the board out of the
way on its bundle of colored wires.

3. Remove the two screws from the next board and lift it, carefully
unplugging the white connector at the bottom of the board. Lift it up and
lay it aside on its brown wire (which can be unplugged if necessary).

4. Unsolder and remove the metal shield from the final board, revealing
the microprocessor; note the row of diodes labelled D1-D5 above it. Only
diodes D1, D2 and D4 are present; assisted by a pointed tool, unsolder and

remove D4; the lone diode. (This restores full 800 Mhz continuous coverage which will use 30 khz stepping when appropriate.)

5. Re-assemble the scanner, paying particular attention to the alignment of the plugs. Test the radio by entering any frequency in the 800 Mhz band that could not be programmed before.

Modification is complete.

Jerry

4293. Re: can some PRO-43's be modified, some not?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 03:26:40 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770116896@f747.n115.z1>
Source record: 273779

CH> Gary Ross (ROSS@NOVAX.LLNL.GOV) wrote:
CH>
CH> : The restorable PRO-43 is a model # 20-300, the non-restorable model
CH> is a : 20-300A. I am not sure if the 'A' version has been released yet.
CH> The unit I : saw was undergoing testing.
CH>
CH> What about model number 20-305?

Yours is different because it is manufactured for Canada.

Jerry

4294. Re: Cellular Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-28 03:28:28 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770116897@f747.n115.z1>
Source record: 273775

-=> Quoting Andy Domonkos to All <=-

AD> Does anyone know what the cellular frequency channel allocations are?
AD> I have the range but not broken down by channel allocations. Thanks.

Andy...
Cellular freqs are between 869 and 894 Mhz, in 30 Khz steps. So, avoid
these frequencies as it is unlawful in the U.S. <g>

Jerry

4295. Re: Dual cellphone antennas?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 03:31:16 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770116898@f747.n115.z1>
Source record: 273780

BG> Why do some police squad cars here in the Dallas area have three
BG> antenas mounted on the rear deck (or roof) in a triangle? Is this the
BG> MDT system?

Brad...
If I remember correctly, this is for a LoJack system. The LoJack
operates on 72 Mhz or so. It is used to track stolen vehicles on autos so
equipped.
Jerry

4296. Re: Helping cops by scanning-

Newsgroup: rec.radio.scanner
Date: 1994-05-28 03:38:08 UTC
From: mike@Hopper.itc.Virginia.EDU
Message-ID: <CqHu3L.7MG@murdoch.acc.Virginia.EDU>
Source record: 273869

In article <e5.4641.143.0NE0A601@bitbytes.clark.net>,
Gregory Halpin <gregory.halpin@bitbytes.clark.net> wrote:
>We followed the vehicle until it turned onto a dead end street and
>stopped. We drove past the vehicle, and advised the dispatch center of
>the vehicle's location. The police arrived less than a minute later, and
>the man denied being at the gas station. The man then followed the
>police to the gas station, where he was positively identified, and
>arrested.
>
>We also detained a man fleeing from the police one night, but the
>scanner wasn't involved. That was in my friend's front yard at 2 a.m.

You're quite a good Citizen.
--
Mike Chapman mike@hopper.itc.virginia.edu ...!virginia!doxy!mike
mike@onyx.pvcc.cc.va.us mike@w3eax.umd.edu

4297. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 03:40:43 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770116899@f747.n115.z1>
Source record: 273784

jo> My wife never saw the green Chevy, but I would be interested in
jo> hearing about it if anyone has ever been able to help the police thanks
jo> to some- thing they heard while scanning.

(text truncated for brevity)
I helped the police a couple of times while monitoring a scanner. I
helped recover a stolen bicycle a couple of years ago.
Another time, the police were looking for a second party to a domestic
disturbance at the apt complex I live at. I was able to see the party and
called police after hearing the description on the scanner.

Jerry

4298. Re: I want to buy a Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-28 03:53:13 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770116900@f747.n115.z1>
Source record: 273776

TMS> I am looking to buy a scanner in the near future, and would like the
TMS> phone number or recomendations of where to go to purchase one. I want
TMS> to stay away from radio shack because I have not been pleased with
TMS> their quality. Please e-mail me with this info soon. I have heard
TMS> of a place called scanner world that has a catalog that you can order
TMS> them trough. I would also like some info on this as well.

Hi, Todd...
You're kidding on RS quality scanners, aren't you? I have a 2004 and
2006 which are both excellent receivers with no problems. The scanners are
actually made by GRE of Japan. Don't sell them short. There are bad ones
out there, mostly made by AOR.

Jerry

4299. Re: Is the PRO-51 any good?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 03:55:51 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770116901@f747.n115.z1>
Source record: 273781

JD> Hey folks,
JD> I tried to post a similiar article earlier, but my system hung up, and
JD> I don't know if it worked. Anyways, is the PRO-51 from Radio Shack
JD> any good. It is my first scanner, so I really don't know what I am
JD> doing. I bought this one because I assumed that the 51 would be
JD> better than the 46. Course, this probably isn't so. So, did I by
JD> something that can't be modified, or is this actually a good scanner?

Hi, Jeff...I have heard lots of good comments on the '51 from users on
CompuServe. 'Course, the unit is the first one that cannot be modified for
continuous 800 Mhz coverage to comply with the new law.
Jerry

4300. Re: Mods for Pro-39???

Newsgroup: rec.radio.scanner
Date: 1994-05-28 03:56:39 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770116902@f747.n115.z1>
Source record: 273783

te> Are there any mods for A Shack Radio pro 39 Scanners
te> anywhere??
te> Any help would be apprecitaed! ;_

Product: Realistic Pro-39
Purpose: Restore full 800 Mhz continuous coverage

Modification is from the January issue of Monitoring Times- January, 1993-page 107

** Warning...This procedure may void your warranty.

** Do not attempt this modification unless you are familiar with small component soldering. Performing this modification is done at your own risk.

** This modification restores certain portions of the 800 Mhz band that is against U.S. federal law to monitor.

A fine tipped soldering iron, desoldering wick, small Philips screwdriver, long-nosed pliers and rosin core solder are required to perform the mods.

1. Remove the battery door, holder and batteries from the unit.

2. Remove the four screws from the back of the scanner and carefully lift the back off.

3. Unplug the two wiring harnesses at their connectors and remove the six bright colored screws holding the circuit board in place. Unsolder the ground wire from the lower right corner of the circuit board. Unsolder the two wire connections from the BNC antenna connector at the board. Carefully lift the board (grasping it near the Molex connector) and set it aside.

4. Remove the two bright colored screws from the next circuit board. Carefully unplug the two-wire connector. Unsolder and lift the rectangular metal shield exposing the diodes.

5. Carefully unsolder and remove diode D6 only; this will restore the missing frequencies which can be searched in appropriate 30 khz steps.

6. Reverse procedure to reassemble unit.

Jerry

4301. Re: Mods for PRO-2032?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 03:57:42 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770116903@f747.n115.z1>
Source record: 273782

SH> Are there any published modifications for the Radio Shack PRO-2032?
SH> Is this unit modifiable to receive cellular? I've checked
SH> oak.oakland.edu and kilroy.jpl.nasa.gov; neither has mods for this
SH> radio.

Yes!! The June issue of Monitoring Times has the mod for this unit for
both continuous 800 Mhz coverage (cellular) and speedup.

Jerry

4302. Re: Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-05-28 04:04:44 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770116904@f747.n115.z1>
Source record: 273778

EJ> I own a Realistic Pro-43. I am glad to read that I have a good
EJ> scanner. It picks up the following freqs.:
EJ>
EJ> 30-54 MHz
EJ> 118-174 MHz
EJ> 220-512 MHz
EJ> 806-823.9375 MHz
EJ> 851-868.9375 MHz
EJ> 896-999.9875 MHz
EJ>
EJ> Are there any modifications that can be made so that it can pick up
EJ> more freqs., and if so what do I do, and what freqs. will it give me.

Hi, Eric...You can get eliminate the gap in the 800 Mhz band. How?

Product: Realistic Pro-43
Purpose: Restore full 800 Mhz continuous coverage

Modification is from the publication Monitoring Times
September, 1992 Page 107

** Warning...This procedure will void your warranty

** Do not attempt this modification unless you are familiar with small component soldering. Performing this modification is done at your own risk. If you don't feel comfortable doing the mod, DON'T.

** Static damage is quite possible as the modification involves work near the microprocessor. A static strap is highly recommended.

** This modification restores certain portions of the 800 Mhz band that is against U.S. federal law to monitor.

Tools needed...Fine point low powered soldering iron, solder wick or de-soldering tool (I recommend the wick), pointed awl, hemostats or pointed tweezers, small phillips screwdriver, solder.

1. Remove the battery, antenna and back cover (held in place by four screws)

2. Remove the six screws holding the top circuit board in place. Carefully unsolder the two antenna connections from the board. Bend the antenna ground tab fully up form the board. Crefully lift the board, unplugging the black connector at its base, and lay the board out of the way on its bundle of colored wires.

3. Remove the two screws from the next board and lift it, carefully unplugging the white connector at the bottom of the board. Lift it up and

lay it aside on its brown wire (which can be unplugged if necessary).

4. Unsolder and remove the metal shield from the final board, revealing the microprocessor; note the row of diodes labelled D1-D5 above it. Only diodes D1, D2 and D4 are present; assisted by a pointed tool, unsolder and remove D4; the lone diode. (This restores full 800 Mhz continuous coverage which will use 30 khz stepping when appropriate.)

5. Re-assemble the scanner, paying particular attention to the alignment of the plugs. Test the radio by entering any frequency in the 800 Mhz band that could not be programmed before.

Modification is complete.

Jerry

4303. Re: Carrying portable scanner onto commerical aircraft

Newsgroup: rec.radio.scanner
Date: 1994-05-28 04:07:05 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May28.040705.3849@hpcvaac.cv.hp.com>
Source record: 273829

el124@cleveland.Freenet.Edu (Mike Wilson) writes:
:
: I then proceded to tell her that the captain specifically approved of
: me having it and listening to it. "Oh, well he certainly did not tell
: me about it so your going to have to turn it off." I told her to go and
: quite beligerant w/ me in tone and her gustures. If we had not been so
: close to BWI (and it was lousy weather there) I'd of told her to go and
: ask the captain NOW! I let it go at that.
:
: After the flight, I told her to be sure and ask the captain about it.
: She did...and he told her. She turned to me and said, "well, the
: captain is supposed to inform me of it--I'm going to have a little talk
: with him." Geeesh...I felt sorry for the captain.
:
: If you do get the captain's approval, be sure to let the flight
: attendant know about it...or you might end up like I did.

If it is not against the airline's rules to use the scanner, then the
stewardess has no say in the matter. It is up to the chief pilot. Being
a commerical pilot, you know the authority of the pilot-in-command.

Bill

4304. Re: scanners on TV

Newsgroup: rec.radio.scanner
Date: 1994-05-28 04:09:14 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770116905@f747.n115.z1>
Source record: 273874

AA> Brad Glidewell (magnet@nRCHs022) wrote:
> Kirk Crawford (crawford@aero.org) wrote:
> : In article <2rg8dm$9uj@strauss.udel.edu>, kmorrill@strauss.udel.edu
> : (Kenneth J Morrill) wrote:
> : >
> : > What is the frequency of the tagged whale in the Star Trek movie
> : > in which the Enterprise had to transport a whale back to the
> : > future?

> : I think it was 401 megahertz.
> :
> : > What is that frequency used for in reality?

> : beats me.

> Better yet, "What is the frequency of reality? 8-)
AA>
AA> 401 MHz is a U.S government frequency, still a long way from reality.

But the United Federation of Planets could be considered a government.
So, the allocation is correct. <g>
Jerry

4305. What is SCA?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 04:44:53 UTC
From: goldberp@iia.org
Message-ID: <2s6i85$nc8@ankh.iia.org>
Source record: 273847
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Could someone tell me, what SCA means?
The only info I have is:
"...67kHz SCA (Subsidiary Communication Authorization) signal.
SCA is subcarrier used by some stations to transmit bacground music for
stores, computer data and so forth".
I saw very simple and cheap receiver named "FM/SCA" (made in China).
Can I find its SCA station on my scanner (BC890XLT), provided that I know
freq. of its quartz oscillator (around 40 MHz)?
Any ideas (preferable by Email to goldberp@iia.org) would be greatly
appreciated.
Peter

4306. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-05-28 05:02:22 UTC
From: danm@goshen.connected.com
Message-ID: <2s6j8u$2ih@goshen.connected.com>
Source record: 273830

In article <1994May26.202659.7908@yvax.byu.edu>,
<johnsonk1@yvax.byu.edu> wrote:

>I'm having a hard time knowing how to refer to someone who listens
>to scanners. What do we call ourselves? Here's a few I've thought
>of, but none seem to really fit right to me:

How about Radio Communication Monitor...or just Radio Monitor?

--
==
+ Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ...+
+ Auburn, WA | and whoever is playing against the New York Mets! +
+ GEnie:D.MORISSEAU | INTERNET ADDRESS: danm@connected.com +

4307. are ALL cellullar phone monitorings illegal?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 05:40:16 UTC
From: lthomas@nyx10.cs.du.edu
Message-ID: <2s6lg0$229@nyx10.cs.du.edu>
Source record: 273822

I work at Radio Shack and the way I understood it, it was illegal
to listen to a cellular phone call even if you had an unmodified scanner
that could.
Well anyways. A customer called up and here is what happened>

me->hello, this is (blah, blah, blah)

guy->uh yes, I need to find out what frequency your cellular phones
transmit on so I can pick it up on a scanner.

me(mainly because I didn't want an argument)->It's illegal to scan
cellular phones.

guy->No, it's only illegal to listen on bands that scanners are not
supposed to recieve(informs me of why our scanners don't pick up certain
ranges(as if I didn't know))

me->well at any rate I can't give you those frequencies

guy->you won't give them to me?

me->I don't know what they are.(cheap cop out but I was worried about
what the laws really were and I honestly didn't know).

guy->(informs me I am something similar to a stupid jerk)

me->have a nice day
<-click->

So my question is, who was right. Even if I had known the freqs,
I would not have given them because of the principle of the thing, but
legally, who was right?

I do not speak for Radio Shack. I only mentioned it because it simplifies
my explanation

-Layne

4308. Re: Best Cellular Phone Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-28 05:43:14 UTC
From: streak@foghorn.cc.utexas.edu
Message-ID: <2s6lli$85r@foghorn.cc.utexas.edu>
Source record: 273861

In article <1994May28.034253.3419@hpcvaac.cv.hp.com>,
bill nelson <billn@hpcvaac.cv.hp.com> wrote:
>This is partially incorrect. It is NOT illegal to sell scanners that
>can monitor cellular frequencies.

uh, as of April 26, 1994 it is illegal to sell scanners that are "easily
modified" to receive cellular frequencies. I assume this to mean the
scanners can't already receive the cellular frequencies.

--
email: streak@mail.utexas.edu * Jason Williams -- Austin, Tx. | |
main-> streak@ccwf.cc.utexas.edu * University of Texas at Austin | ___ |
streak@underg.ucf.org * Electrical and Computer Engineering _|_/
** |

4309. Re: Carrying portable scanner onto commerical aircraft

Newsgroup: rec.radio.scanner
Date: 1994-05-28 07:55:42 UTC
From: cjparker@hk.super.net
Message-ID: <cjparker-280594155542@cjparker.hk.super.net>
Source record: 273831

> - Are there any laws/regulations as far as carrying the unit onto the aircraft

Not as far as I know (I'm an airline pilot).

> - What do you do when you approach the security/X-ray area..

If asked, show security that it is, in fact, a radio and not a bomb, by turning it on. I usually ensure my Yupi is tuned to a commercial broadcast frequency in case anybody is feeling sensitive.

> - Any restrictions from the airline as far as turning on the scanner on-board
> during flight ?

It varies from airline to airline. You can normally use radios in flight, but not during take-off and landing (unproven risk of interference with aircraft equipment). You can usually find detailed information in the airline's in-flight magazine. Even if it's allowed you'll probably have to educate the cabin attendants who won't know the difference between a receiver (allowed) and a transceiver (forbidden).

If in doubt:

1. Ask the airline when you buy your ticket, or check-in.

2. Show the scanner to the Captain when you board. He'll probably ask you where he can buy one! (we love our gadgets!)

Hope this helps,

Chris

Internet: cjparker@hk.super.net Tel: +852 658 5515
CompuServe: 100267,102 Fax: +852 650 4292

4310. Help with RTTY?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 08:51:10 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9405280908.AA140185@f217.n202.z1.fidonet.org>
Source record: 273798

There are literally hundreds of books to help with various aspects of SW listening. Grab a copy of Popular Communications or Monitoring Times magazines, and check the ads.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

4311. This Week on Spectrum May 28, 1994

Newsgroup: rec.radio.scanner
Date: 1994-05-28 12:31:27 UTC
From: spectrum@starcomm.overleaf.com
Message-ID: <2s7div$dtv@starcomm.overleaf.com>
Source record: 273865
Cross-posted to:
rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.scanner,rec.video.satellite,rec.radio.cb,alt.radio.scanner,alt.radio.pirate

On may 28'th we will interview Larry Ledlow NA5E. Larry has just returned from an assignment with the un in Croatia and Bosnia. He will clue us in on the communications scene in that troubled part of the world.

On Saturday June 4'th we will take a look at Digital Audio Broadcasting or DAB. This high-tech system of broadcasting is in the wings and should be here near the end of the century. A few systems have been proposed for dab and a standard hasn't been decided as of yet. Our guest will be Ted Schober. Ted has been on the leading edge in the world of DAB and will give us a look into the radio of the future.

On Saturday June 11'th we will take a look at vsats, (very small apachure earth terminals). Vsats are the newest high-tech method of satellite communications. Our guest will be Bill Septmeyer. Bill is an engineer and founder of National Supervisory Network (NSN). Nsn is on the cutting edge of this new communications technology. So join us on the 11'th of June when we take to the sky on Spectrum.

--
Spectrum airs live Sunday at 0200 UTC (2200 EDT Saturday) on:

WWCR, 5810 KHz, Nashville, TN (World Wide)
WIFI, 1460 AM, Florance, NJ (Philadelphia Area)
KHNC, 1360 AM, Johnstown, CO (Denver Area)
Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)

Spectrum is rebroadcast:

Sunday at 1500 EDT, on WIFI, 1460 AM, Florance, NJ (Philadelphia Area)

--
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spectrum@overleaf.com, askspectrum@attmail.com
+1 800-787-SPECTRUM, +1 908-671-4209

4312. Re: Carrying portable scanner onto commerical aircraft

Newsgroup: rec.radio.scanner
Date: 1994-05-28 12:53:03 UTC
From: jimc1790@aol.com
Message-ID: <2s7erf$e1u@search01.news.aol.com>
Source record: 273863

In article <CqGv7x.GDz@nntpa.cb.att.com>, shc@mt747.att.com (14035-S.CHU(MT5712)XXXX) writes:

>I like to take my portable (PRO-43) to Disney World in the summer and was
>wondering:
>- Are there any laws/regulations as far as carrying the unit onto the aircraft ?

No regs as to carrying it with you. I have taken mine all over the world with me on business travels. Some foriegn countries have laws against radios/scanners but no airline I know of has rules against carrring one. Now before anybody jumps in about the FAR's (Fed Air Regs) I am aware of what it states (I am a certified Pilot so I know them well), so let's not bombard the newsgroup with another discussion of the correct interpretation of the FAA FAR's.

>- What do you do when you approach the security/X-ray area before you get to the gate ?

I have it in my brief case and they x-ray the case. Only once did someone ask about it. I told them that it was an AM/FM radio (just like it says on the front of the unit). Never had any problems especially in the US. Even in Rome where they are EXTREMELY security aware I have no problems.

>- Any restrictions from the airline as far as turning on the scanner on-board
>during flight ?

Most airlines forbid the use of "AM/FM" radio's inflight with one exception I know of. DELTA. They will allow it's use during the enroute phase of the flight (ie not during taxi-takeoff-landing).

Jim

4313. Re: Which Scanner should I buy?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 13:06:33 UTC
From: steven@sgb.oau.org
Message-ID: <CqIKEz.LnA@sgb.oau.org>
Source record: 273810

David Horak (horak@convex.com) wrote:
: In <1994May26.175908.1428@arrl.org> jkearman@arrl.org (Jim Kearman (KR1S)) writes:

: >Scotty bethke (kbethke@cscns.com) wrote:
: >: Im sick and tired of my BC 760XLT. Its junk! Besides this I want a hand
: >: held, and short wave. I used to think the AOR1500 would be a dream come
: >: true. I need this range of freq's, with SPEED! The police in my area
: >: have gone to a 800Mhz truncked system, so speed helps in this situation.
: >: My Price Range is $400 to $700. Please let me know what to get and why.
: >: I will sum. and post results if there is enough interest.

: >You want a Yupiteru MVT-7100. Unfortunately, it's illegal to
: >bring one into the US. Good luck.

It may be illegal, but no-one is going to stop you. Just make sure
you have a copy of form FCC 740 completed for it as a non-certified
device imported for personal use.

If the bozos at customs ask "duh, can this thingy receive phone calls"?
act dumb and say "dunno, its not been tested yet, receives shortwave
nicely though. Bought it for listening to the BBC on vacation".

[Sarcastically put in the second paragraph... Nobody I know of to
present day have had any problems obtaining them in...except the
possible exception of Grove Enterprises -- he couldn't get his due
to his purpose being commercial resale, not personal importation.]

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net |----------------------------
GEnie: s.bradley6@genie.geis.com | Don't you think it's about
CompuServe: 73232.505@compuserve.com | time we FIRED the Federal
America Online: sgbradley@aol.com | Communications Commission?

4314. UNIDEN UC-1252A PINOUTS???????

Newsgroup: rec.radio.scanner
Date: 1994-05-28 13:13:32 UTC
From: ag684@cleveland.Freenet.Edu
Message-ID: <2s7g1s$ktu@usenet.INS.CWRU.Edu>
Source record: 273864

I'm wondering if anyone out there has the pinouts to the
Uniden UC-1252A. It's the main ic in a Radio Shack Pro-2023.
I'm just curious as to what, if any, things it can do that
were not put on the unit when sold.

--
NOTE:: Everything Above, Below , And On This Line Is Irrelevant..

4315. Javiation still in business?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 13:18:56 UTC
From: steven@sgb.oau.org
Message-ID: <CqIKzL.Lpo@sgb.oau.org>
Source record: 273813

Did Javiation go out of business? I have received e-mail that Javiation has not been replying to requests for orders or other information recently. I also have not -seen- anything from Jonathon lately either.

I am in the process of compiling a listing for name/addresses/phone numbers for overseas suppliers of scanning equipment. If I do not hear something on this soon, I will either have to include his entry with a comment of "may no longer be in business" or something, or not include it.

I know he had a problem with Monitoring Times (Grove Enterprises) accepting his advertising, and I also know he recieved a somewhat form letter from the FCC prior to April 26.

HOWEVER, in communicating with him afterwards, he indicated he would continue to export units to the U.S. if individuals explicitly request it.

Additionally, he has no offices in any U.S. Territories, therefore the FCC has/had NO jursdiction sticking their nose in his affairs in the first place.

While it's a longshot I may dispatch mail to him from a French e-mail address I still hold and see if it merits a response.

I feel sorry for all of you who bought from him, it seems he's not around anymore.

If he sees this, or someone can say they have bought from him or communicated with him RECENTLY, I'd appreciate a clarification! Thank you!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net |----------
GEnie: s.bradley6@genie.geis.com | Don't you think it's about
CompuServe: 73232.505@compuserve.com | time we FIRED the Federal
America Online: sgbradley@aol.com | Communications Commission?

4316. frequencies for San Diego

Newsgroup: rec.radio.scanner
Date: 1994-05-28 13:21:54 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9405280908.AA140186@f217.n202.z1.fidonet.org>
Source record: 273795

The list would be too long to post here, but log onto my BBS at
619-277-4140, and you can check my scanner files and DL on first call.
I have a freqlists that are pretty much up to date, and can answer
any questions you might have once you're here.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

4317. Re: Best Cellular Phone Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-28 13:51:46 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May28.085146.2397@hnrc.tufts.edu>
Source record: 273872

In article <2s6lli$85r@foghorn.cc.utexas.edu>, streak@foghorn.cc.utexas.edu (Streak) writes:
>
> uh, as of April 26, 1994 it is illegal to sell scanners that are "easily
> modified" to receive cellular frequencies. I assume this to mean the
> scanners can't already receive the cellular frequencies.

Wrong, *wrong*, WRONG, *WRONG* !!! :-)

As of April 26, it is illegal to import or manufacture . . .
It is perfectly legal to sell off existing stock (and my local RS has some 43's and 2006's they'd be happy to sell to you.

4318. Re: Best Cellular Phone Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-28 14:09:18 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2s7jae$pgn@bigfoot.wustl.edu>
Source record: 273725

Streak (streak@foghorn.cc.utexas.edu) wrote:
: In article <1994May28.034253.3419@hpcvaac.cv.hp.com>,
: bill nelson <billn@hpcvaac.cv.hp.com> wrote:
: >This is partially incorrect. It is NOT illegal to sell scanners that
: >can monitor cellular frequencies.

: uh, as of April 26, 1994 it is illegal to sell scanners that are "easily
: modified" to receive cellular frequencies. I assume this to mean the
: scanners can't already receive the cellular frequencies.

oooooooohhhhh!!! Bad news, arguing with Bill Nelson. He has a bad(!) habit
of being correct about what he says. What's illegal is producing and
importing (commercially) easily-cellular scanners after 4/26/94. There is
no current problem with selling these! At least not in the U.S.

--jesse

4319. Re: Secret Service!

Newsgroup: rec.radio.scanner
Date: 1994-05-28 14:58:09 UTC
From: crisp@netcom.com
Message-ID: <crispCqIpKx.rr@netcom.com>
Source record: 273866

In article <2s6107$l0o@usenet.INS.CWRU.Edu> el124@cleveland.Freenet.Edu (Mike Wilson) writes:
>
>In a previous article, hightech@mv.mv.com (HighTech) says:
>
>>The Secret Service is in Town! I've heard our local police address them
>>several times on the town's primary channel but have not been able to
>>find the feds anywhere.
>
>>The strange part is that there have been no announced VIP's visiting the
>>area.
>
> I can't help you with the frequencies...but maybe they are securing
>a local golf course in the area for Clinton's aides. Be watching out
>for his helicopter to arrive within the next day or so :)

Either that or Bill's got one of his Troopers out cruising for chicks
for entertaining Bill's *ick!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax

In 1993, approximately 80 people were killed with so called Assault Weapons.
In that same year approximately 300 people were killed by bee stings.
These statistics cover the United States and the 80 number is an annualized
figure derived from the Justice Department and quoted by Dianne Feinstein.
According to the US Surgeon General, over 430,000 people died in the US
last year due to smoking related illnesses.

4320. Re: Carrying portable scanner onto commerical aircraft

Newsgroup: rec.radio.scanner
Date: 1994-05-28 15:23:40 UTC
From: el124@cleveland.Freenet.Edu
Message-ID: <2s7nls$slu@usenet.INS.CWRU.Edu>
Source record: 273867

In a previous article, billn@hpcvaac.cv.hp.com (bill nelson) says:

>If it is not against the airline's rules to use the scanner, then the
>stewardess has no say in the matter. It is up to the chief pilot. Being
>a commerical pilot, you know the authority of the pilot-in-command.

I was not aware of where the guidelines originate from within the
airline. I guess it makes sense that the chief pilot makes decisions
like this. On my return trip, the captain said that his F.O.P. (which I
think is the 'flight operating procedures' [not sure though])
specifically says 'no electronics'.

The FAR I cited in a previous post says nothing about the 'chief
pilot'. But I agree...I guess he would be the one to make the decision
for the whole airline. Of course, for anything outside of airlines, the
PIC is the one who makes this decision.
--
Mike Wilson COM-ASEL-IA
Spirit of St. Louis, MO
Email: Internet--wilson@sluvca.slu.edu ----------------------
Compuserve--75163,45

4321. Re: Helping cops by scanning-

Newsgroup: rec.radio.scanner
Date: 1994-05-28 16:16:45 UTC
From: me <PJB113@psuvm.psu.edu>
Message-ID: <94148.121645PJB113@psuvm.psu.edu>
Source record: 273786

I would like to worn you scanner nuts out there about any hobby that has
certain
illegal rammifications; it is best to keep a low profile about it. In other
words, let the cops do their job and you do yours. Personally, I don't trust
cops to the extent that I would be willing to volunteer info a hear on my
scanner; going to court as a witness is not fun. Whether you all know it or not
you could get yourself into some very serious trouble with your scanner, not
only from the cops, but from crimminal elements.-PJB
just with the cops, but from crimminals.

4322. Re: Carrying portable scanner onto commerical aircraft

Newsgroup: rec.radio.scanner
Date: 1994-05-28 17:08:26 UTC
From: mtiernan@world.std.com
Message-ID: <CqIvM2.CHw@world.std.com>
Source record: 273870

14035-S.CHU(MT5712)XXXX <shc@mt747.att.com> wrote:
> I like to take my portable (PRO-43) to Disney World in the summer and was
> wondering:
You forgot the biggie. DW prohibits them. Someone on here
mentioned being asked to relinquish his scanner when they caught
him with it (I think).
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

4323. Re: Which Scanner should I buy?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 17:33:03 UTC
From: steven@sgb.oau.org
Message-ID: <CqIwr4.Mv1@sgb.oau.org>
Source record: 273832

Barry Chalcroft,2136,x8723,18849, (barryc@mpd.tandem.com) wrote:
: RE:

: >You want a Yupiteru MVT-7100. Unfortunately, it's illegal to
: >bring one into the US. Good luck.

: I curious just how many have been confiscated in the past month. Anyone
: made it through? Congrats if you did (civil disobediance; an American
: tradition) its a stupid law and should be changed.

There should not be a problem, they are officially a non-certified device. You can import ANY non-certified device as long as it has the FCC form 740 included with it. Since it is not certified or approved by the FCC, there is no legal reason to prevent it. The customs staff are not RF experts in determine scanning capabilities. Therefore, they can not make that determination.

The law states that the FCC can not certify these devices. They don't. Another policy states with the use of the form, you can import up to three non-certified (or non-certifiable) devices for personal use. There is no mechanism to prevent it from occuring.

It is true, these units will never be certifiable under present law, and that is all the customs cares about. That being the case, there is a form to permit its entry, regardless of what it can do!

Furthermore, if you use a credit card and for any reason it fails to arrive, its the same as if you never ordered it, therefore it becomes an unauthorized charge. It then becomes a problem for the vendor -- and if its international, it can become a problem for the U.S. government to deal with -- because they do not provide a listing of what will not be accepted by model number or by manufacturer -- they told me "we do not make such a listing and do not plan to". For that reason there is nothing to stop you.

Since that holds true, to them its like any other non-certified device, therefore, if the paperwork accompanies it (for personal use limited to three devices per shipment), it gets entry.

I am in the process of putting together a lengthy listing of overseas scanner suppliers which will hopefully go up on Monday, I want it to be a memorable day (Memorial Day). I include the name, address, the phone numbers (voice and fax), and if they advertise credit cards or not. They were all valid as of January 1994.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net |----------
GEnie: s.bradley6@genie.geis.com | Don't you think it's about
CompuServe: 73232.505@compuserve.com | time we FIRED the Federal
America Online: sgbradley@aol.com | Communications Commission?

4324. Test message

Newsgroup: rec.radio.scanner
Date: 1994-05-28 17:38:00 UTC
From: tom.lackamp@vidgame.com
Message-ID: <ce.4635.696.0NCCBBA5@vidgame.com>
Source record: 273851

Please ignore...

 CMPQwk #1.4 UNREGISTERED EVALUATION COPY

4325. PRO-44 anyone??

Newsgroup: rec.radio.scanner
Date: 1994-05-28 17:52:10 UTC
From: pbroder@sfaadm.sfasu.edu
Message-ID: <1994May28.115210.1@sfaadm.sfasu.edu>
Source record: 273871

I've just started reading this newsgroup and have been interested to see that a scanner can be modified to expand it's range.

I have a meagre PRO-44 (model 20-304, SN 010810) which covers 30-54, 108-174, 380-512. not too amazing I know - are there any mods I can make to this to increase it's frequency ranges. I couldn't find any mods on the FTP site mentioned in the FAQ.

many thanks,

Philip

4326. Re: Decoding Pager signals

Newsgroup: rec.radio.scanner
Date: 1994-05-28 19:04:37 UTC
From: joe@netcom.com
Message-ID: <joeCqJ0zp.3DK@netcom.com>
Source record: 273850

Pager formats are either Golay or Pocsag at 600bps and 512/1200 bps.
This is most of the formats however Flex is being introduced at 6400bps.

Started to write a pager decoder for a pc (serial port). The
pager address, or CAP code, is programmed into the pager.

--Joe

--

Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046

4327. Re: Carrying portable scanner onto commerical aircraft

Newsgroup: rec.radio.scanner
Date: 1994-05-28 20:40:39 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May28.204039.15835@hpcvaac.cv.hp.com>
Source record: 273811

el124@cleveland.Freenet.Edu (Mike Wilson) writes:
: In a previous article, billn@hpcvaac.cv.hp.com (bill nelson) says:
:
: >If it is not against the airline's rules to use the scanner, then the
: >stewardess has no say in the matter. It is up to the chief pilot. Being
: >a commerical pilot, you know the authority of the pilot-in-command.
:
: I was not aware of where the guidelines originate from within the
: airline. I guess it makes sense that the chief pilot makes decisions
: like this. On my return trip, the captain said that his F.O.P. (which I
: think is the 'flight operating procedures' [not sure though])
: specifically says 'no electronics'.

: The FAR I cited in a previous post says nothing about the 'chief
: pilot'. But I agree...I guess he would be the one to make the decision
: for the whole airline. Of course, for anything outside of airlines, the
: PIC is the one who makes this decision.

You are misunderstanding. The chief pilot is the PIC of that particular aircraft - not for the whole airline. The management of the airline decides what is allowed - and the PIC may do so, if he/she feels it is safe. The PIC is NOT allowed to act contrary to the operational procedures of the airline - except in an emergency.

Bill

4328. Re: Javiation still in business?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 20:42:25 UTC
From: schuster@panix.com
Message-ID: <2s8abh$o84@panix2.panix.com>
Source record: 273812

In article <CqIKzL.Lpo@sgb.oau.org>, Steven Bradley <steven@sgb.oau.org> wrote:
>Did Javiation go out of business? I have received e-mail that Javiation has
>not been replying to requests for orders or other information recently. I
>also have not -seen- anything from Jonathon lately either.

Chatted with him yesterday; he's still up and running.

He's still very much alive, and in business as usual.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4329. Re: are ALL cellullar phone monitorings illegal?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 20:48:26 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May28.204826.15993@hpcvaac.cv.hp.com>
Source record: 273815

lthomas@nyx10.cs.du.edu (Layne Thomas) writes:
: I work at Radio Shack and the way I understood it, it was illegal
: to listen to a cellular phone call even if you had an unmodified scanner
: that could.

Correct. At least, it is clear that such listening is illegal if you are tuned to the cellular frequencies. I am unsure about what the law is in regards to images.
:
: me(mainly because I didn't want an argument)->It's illegal to scan
: cellular phones.
:
: guy->No, it's only illegal to listen on bands that scanners are not
: supposed to recieve(informs me of why our scanners don't pick up certain
: ranges(as if I didn't know))

This I am not sure about, as I stated above.

: So my question is, who was right. Even if I had known the freqs,
: I would not have given them because of the principle of the thing, but
: legally, who was right?

Well, you need to stand on your principles. However, I see no reason why you shouldn't tell him (if you knew). After all, they are listed in Police Call.

Bill

4330. Re: Best Cellular Phone Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-28 20:50:58 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May28.205058.16063@hpcvaac.cv.hp.com>
Source record: 273816

streak@foghorn.cc.utexas.edu (Streak) writes:
: In article <1994May28.034253.3419@hpcvaac.cv.hp.com>,
: bill nelson <billn@hpcvaac.cv.hp.com> wrote:
: >This is partially incorrect. It is NOT illegal to sell scanners that
: >can monitor cellular frequencies.
:
: uh, as of April 26, 1994 it is illegal to sell scanners that are "easily
: modified" to receive cellular frequencies. I assume this to mean the
: scanners can't already receive the cellular frequencies.

Absolutely wrong. I suggest that you read the text of the law. My statement
is correct.

Bill

4331. Has Grove sold out to the FCC?

Newsgroup: rec.radio.scanner
Date: 1994-05-28 21:48:24 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9405290516.AA140472@f217.n202.z1.fidonet.org>
Source record: 273788

TD> Then, Grove has the nerve to actually state "the only way to
TD> buy one of these scanners is from stock imported BEFORE [their
emphasis]
TD> April 26, 1994." As we all know from other posts in this newsgroup
this TD> is outright bullshit.

Maybe you'd be happier if they'd said the only LEGAL way?? The TDDRA
is very specific in NOT allowing the importation, for sale OR private
use, of modifiable scanners. The fact that things coming into the U.S.
from Canada don't go through Customs, and stand a good chance of not
being intercepted, doesn't change the law.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

4332. Seattle Freqs needed.

Newsgroup: rec.radio.scanner
Date: 1994-05-28 21:50:49 UTC
From: <>
Message-ID: <13@rims.rims.com>
Source record: 273854

I just found out that I am going to Seattle on Monday May 30th. I would love to find some of the frequencies for the area. I would really like any Boeing and mil. frequencies, but all would be appreciated.

Thanks

Mike

4333. FM Subcarrier data

Newsgroup: rec.radio.scanner
Date: 1994-05-29 00:34:32 UTC
From: farmwald@netcom.com
Message-ID: <farmwaldCqJG9L.8Bw@netcom.com>
Source record: 273859
Cross-posted to: alt.radio.digital,rec.radio.scanner,rec.video.satellite

Has anyone reverse-engineered any of the FM Subcarrier data services, i.e. Quotrek, Telemet, etc? I'd be interested in hearing about what you're found or any pointers to articles.

Please reply to farmwald@netcom.com

4334. Re: Best Cellular Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-29 00:45:36 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770194676@f747.n115.z1>
Source record: 273833

BM-N> If you are looking for a handheld, check out the BC 2500XLT. It's
BM-N> 30KHz spacing and 100 steps per second search speed make it ideal for
BM-N> searching through the band. The cell mod is not difficult but it is a
BM-N> little delicate.

Easy for you to say on the cell mod, Brent. I am a tech by trade...but
I'm used to standard size components, not surface mount. It's a wonder I
got the resistor moved without damaging it. <g>

Jerry

4335. Re: Carrying portable scanner onto commerical aircraft

Newsgroup: rec.radio.scanner
Date: 1994-05-29 00:50:10 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770194677@f747.n115.z1>
Source record: 273834

-=> Quoting 14035-S.CHU(MT5712)XXXX to All <=-

14> Scanner-philes,
14>
14> I like to take my portable (PRO-43) to Disney World in the summer and
14> was wondering:
14>
14> - Are there any laws/regulations as far as carrying the unit onto the
14> aircraft ?
Not that I am aware of. I've done it many times with no hassle.

14> - What do you do when you approach the security/X-ray area before you
14> get to the gate ?
Like you know where you are going. <g> Seriously, carrying the handheld
is no big deal. Usually, I leave the unit on my belt. Never had a
problem.

14> - Any restrictions from the airline as far as turning on the scanner
14> on-board during flight ?
This is open for debate. Delta will let you, most won't. If you want to
operate the radio on board, the best thing to do is to ask to speak to the
pilot of the airplane and ask if you can operate the scanner in flight.

Enjoy your trip, Stephen...

Jerry

4336. Has Grove sold out to the

Newsgroup: rec.radio.scanner
Date: 1994-05-29 01:02:00 UTC
From: derek.buchler@channel1.com
Message-ID: <40.3071.2433.0NE1CD83@channel1.com>
Source record: 273835

References: <URb5tA4EBh107h@tbd.oau.org>

In a message on 05/28/94, TIM DOBBINS said to ALL about Has Grove sold
out to the:

TD> have an internet address for mail. It's 'grove@rock.concert.net'.

Although I don't have the most current address, I do know that this
address is no longer valid. The current address is on my computer. I'll
post it on Tuesday if someone else doesn't come up with it first.

Derek

* RM 1.4 B0223 * Klintoon: I Did Not Cheat On My Wife! I Was Multitasking!

4337. Re: Which Scanner should I buy?

Newsgroup: rec.radio.scanner
Date: 1994-05-29 01:41:40 UTC
From: nat@owlnet.rice.edu
Message-ID: <2s8rsk$98f@larry.rice.edu>
Source record: 273841

In article <CqE3ss.C55@cscns.com>, Scotty bethke <kbethke@cscns.com> wrote:
>Im sick and tired of my BC 760XLT. Its junk! Besides this I want a hand
>held, and short wave. I used to think the AOR1500 would be a dream come
>true. I need this range of freq's, with SPEED! The police in my area
>have gone to a 800Mhz truncked system, so speed helps in this situation.
>My Price Range is $400 to $700. Please let me know what to get and why.
>I will sum. and post results if there is enough interest.

Although it does not receive shortwave, the Pro46 does a good job and is modifyable to get the whole 800 MHz spectrum. If someone knows reasons NOT to get the Pro46, please post, because I like what I've got, and I want to know if I am missing something!

Nat

--
Nat Guyton | Finally I have achieved success! As you know, most
752 SRC | newsreaders only permit 4-line .signature files on your
Rice University | posts. I have found a solution to this limitation,
Houston, TX | as you can clearly see. To do this, you only need to do 2

4338. Re: Pagers...

Newsgroup: rec.radio.scanner
Date: 1994-05-29 01:43:25 UTC
From: milcom@netcom.com
Message-ID: <milcomCqJJGD.3y2@netcom.com>
Source record: 273836

bo4373ch@meteor.uscolo.edu wrote:
:
: Also, is there any decoder for Pager transmissions?

The Universal M-400 reader reads POGSAC & GOLAY plus many of the
shortwave & aviation data modes, its 400 buckarinos. Theres also the
M-8000 and the M-1200 which is an ISA card for $400. M-8000 for those
who must decode everything on shortwave.

reading this ad in popcomm i see 1800-431-3939 for Universal radio Inc.

--
RF power specialists milcom@netcom.com

4339. Re: Helping cops by scanning-

Newsgroup: rec.radio.scanner
Date: 1994-05-29 01:43:59 UTC
From: cal@ee.ryerson.ca
Message-ID: <2s8s0v$gbh@hermes.acs.ryerson.ca>
Source record: 273846

me (PJB113@psuvm.psu.edu) wrote:
: I would like to worn you scanner nuts out there about any hobby that has
: certain
: illegal rammifications; it is best to keep a low profile about it. In other
: words, let the cops do their job and you do yours. Personally, I don't trust
: cops to the extent that I would be willing to volunteer info a hear on my
: scanner; going to court as a witness is not fun. Whether you all know it or not
: you could get yourself into some very serious trouble with your scanner, not
: only from the cops, but from crimminal elements.-PJB

I would have to agree with these concerns. Fortunately, we have a
"Crime Stoppers" program where you can call police anonymously with
a crime tip. One never has to testify, you don't have to give any
details about yourself (details like "I heard it on my scanner" can
also hurt their investigation if you gave it up front), and it is
possible to get a reward to boot!

I can hear the question: how can you get a reward if you are anonymous?
They give you a code number when you call in a report, and I guess
you simply provide the code when picking up the reward. I've never had
information that led to an arrest (or even to call them in the first
place!) so I can't say from first-hand experience.

--
Calvin Henry-Cotnam, CATE | "...My brain IBM"
Ryerson Polytechnic University | "So if you see me, acting strangely..."
Toronto, Ontario, Canada | STYX, Mr. Roboto
- -
"We've all been taught, all of us, that blacks and whites can't live together.
The reality is that interracial couples are as boring as anybody else. My
husband sits around the house and I tell him to pick up his socks. Once you
live with someone of another race, it's impossible to think of that race as
special or threatening or all that much different."

- Candy Mills, editor of "Interrace" magazine

4340. Re: Is a successor to the Yupi 7100 on the horizon??

Newsgroup: rec.radio.scanner
Date: 1994-05-29 01:54:55 UTC
From: schuster@panix.com
Message-ID: <2s8slf$62e@panix2.panix.com>
Source record: 273840

In article <4515@mrcu>, Trevor Wright <yc23@uk.co.gec-mrc> wrote:
>Isn't it always the case that when you've finally decided to part
>company with a large chunk of cash on a particular model, that two weeks
>later the same manufacturer release the 'new' model onto the market with
>all the features you really wanted in the last one but were missing.
>
>Well - as the Yupiteru 7100 is on my future shopping list - does any
>informed person out there know whether the 7200 Turbo GTi or whatever
>the next one might be called is about to hit the market. I suspect it's
>about time a new model appeared - although the current 7100 seems just
>about complete...

Well ... why don't you wait 2 weeks to see how the AOR AR8000 turns out?
--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4341. I want to buy a Frequency Counter...

Newsgroup: rec.radio.scanner
Date: 1994-05-29 02:00:05 UTC
From: nat@owlnet.rice.edu
Message-ID: <2s8sv5$99j@larry.rice.edu>
Source record: 273842

Anyone got one used that they wanna sell? Anyone have suggestions for ones in stores, etc? Price Range? Since I have a handheld scanner, are there any handheld FC's? Just curious.

Nat
--
Nat Guyton | Finally I have achieved success! As you know, most
752 SRC | newsreaders only permit 4-line .signature files on your
Rice University | posts. I have found a solution to this limitation,
Houston, TX | as you can clearly see. To do this, you only need to do 2

4342. Re: Carrying portable scanner onto commerical aircraft

Newsgroup: rec.radio.scanner
Date: 1994-05-29 02:05:31 UTC
From: cal@ee.ryerson.ca
Message-ID: <2s8t9b$gbh@hermes.acs.ryerson.ca>
Source record: 273849

Michael C Tiernan (mtiernan@world.std.com) wrote:
: 14035-S.CHU(MT5712)XXXX <shc@mt747.att.com> wrote:
: > I like to take my portable (PRO-43) to Disney World in the summer and was
: > wondering:
: You forgot the biggie. DW prohibits them.

Oh hell, DW prohibits just about everything - I think they would prevent happiness if they didn't remind themselves that that was the business they were supposed to be in!

For example:

I've heard they prohibit breast feeding except in designated nursing facilities. Even so, my wife had no problem back in April 1990 - but we were prepared to have to make a loud stink about it!

In comparing Disney-MGM with Universal Studios, D-MGM really goes overboard with the "no photography, movie, or video" rules practically everywhere, using "copyright regulations" as a reasoning. Now I can understand on a soundstage or live backlot where this is a concern, but in one of their audience participation things? Besides, the copyright would be Disney's to decide if you can video/photo or not, unlike the soundstage/backlot situation where a film producer might share or own the copyright. Universal had no problems with using cameras and camcorders in the participation things.

Anyhow, so much for getting off topic.

Just use your scanner with discretion. I plan to for things here in Toronto at Paramount Canada's Wonderland, and probably later this year in Charlotte at Paramount's Carowinds. (Season pass holder - might as well use it as much as possible!)

--
Calvin Henry-Cotnam, CATE | "...My brain IBM"
Ryerson Polytechnic University | "So if you see me, acting strangely..."
Toronto, Ontario, Canada | STYX, Mr. Roboto
- -
"We've all been taught, all of us, that blacks and whites can't live together. The reality is that interracial couples are as boring as anybody else. My husband sits around the house and I tell him to pick up his socks. Once you live with someone of another race, it's impossible to think of that race as special or threatening or all that much different."

- Candy Mills, editor of "Interrace" magazine

4343. Re: Retransmission can of worms

Newsgroup: rec.radio.scanner
Date: 1994-05-29 03:38:27 UTC
From: gesman@io.org
Message-ID: <2s92nj$rbc@ionews.io.org>
Source record: 273848

In article <2s2431$ddg@corpgate.nt.com>,
Brad Glidewell <brad.glidewell@nt.com> wrote:
>Dan Hughes (dhughes@prairienet.org) wrote:
>
>: >:...The "breather" called back one more time, apparently heard
>: >: "the police radio" in the background, and never called again.
>: >
>: >
>: >Of course, as you know, this is illeagle. (retrans of police xmit)
>
>: So Brad, this brings up an interesting question--must I turn off my
>: scanner every time my phone rings? Am I retransmitting commercial
>
>It would seem obvious to me that you must. ;-)

No, according to law it is illegal to listen for something you're not
suppose to. That makes "breather" guilty in 2 offences:
1. Unsolicited breathing.
2. Listening of private police conversations and using them for his own.
(He never called back again, right?)

To be serious I agree, that turning on scanner could be benificial for
the home/apartment owner. Assuming 2 things:
1. He'll not turn on cell-phone conversations by mistake.
2. Home burglar is not scanner hobbyist.

--
Gleb Esman.

4344. DFW Voice Pager Freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-29 03:48:34 UTC
From: cpritter@netcom.com
Message-ID: <cpritterCqJp8y.976@netcom.com>
Source record: 273852

Anyone know of voice pager freqs in the DALLAS-FORT WORTH area?
Thanks

--
****
* Pete Ritter * cpritter@netcom.com *
****

4345. Pro-43 TV Interference!

Newsgroup: rec.radio.scanner
Date: 1994-05-29 05:09:08 UTC
From: v-mattm@microsoft.com
Message-ID: <CqJszC.8x3@microsoft.com>
Source record: 273824

My Pro-43 picks up the local religious TBN Christian
Broadcasting Network, on 460.050, the primary police dispatch
channel, and it is very annoying! Only when there is actual
police transmissions, is this interference muted. The interference
is intermittent, and may die out when the sun goes down. The local
TBN station is about 20 miles away, but I don't know why the Pro-43
picks up continual, religious broadcasting, in a distorted manner.
I know that Grove advertises filters that are supposed to
weed out a lot of garbage, but I don't know if it would eliminate this
broadcasting.
One other point. I live in a 15 story apartment building, and,
when I lived on the 14th floor, I did not have this interference. Now, I
live on the 9th, and get it all the time. If I go to my Mom's building,
and she also lives on the 9th floor, I get the same interference. Are
these buildings "natural" receptors, and why, religious broadcasting, of
all things?

Thanks,
Matt

4346. Re: are ALL cellullar phone monitorings illegal?

Newsgroup: rec.radio.scanner
Date: 1994-05-29 06:14:34 UTC
From: dilligaf@netcom.com
Message-ID: <dilligafCqJw0A.57G@netcom.com>
Source record: 273858

In article <1994May28.204826.15993@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:

[some dope calling Radio Shack asking for cell freqs stuff deleted]
>
>Well, you need to stand on your principles. However, I see no reason why
>you shouldn't tell him (if you knew). After all, they are listed in Police
>Call.
>

This is why you should NOT tell him the frequencies! You should say something like "I can't tell you because we *sell* information like that. If you really want it then you can come into one of our many convenient stores and buy a copy for XXX dollars."

(Of course all of this said with that totally cheery salesman voice!)

th

4347. help! Pro-41 docs needed

Newsgroup: rec.radio.scanner
Date: 1994-05-29 06:28:07 UTC
From: d_stalee@delphi.com
Message-ID: <xa-PuQ-.d_stalee@delphi.com>
Source record: 273856

Anyone have docs for a RS Pro-41 handheld? I just
picked one up but it had no docs with it. Thanks.

4348. Can someone explain Autopatch?

Newsgroup: rec.radio.scanner
Date: 1994-05-29 07:16:33 UTC
From: eswails@hubcap.clemson.edu
Message-ID: <2s9fgh$l3k@hubcap.clemson.edu>
Source record: 273860

The other day I was scanning and heard someone do an autopatch on the ham frequencies. I have a guess that this allows you to connect with the telephone system or to another repeater. Can someone explain this and the basic workings of the repeater system (and ham radios in general)?

Thanks in advance.

4349. Re: Is a successor to the Yupi 7100 on the horizon??

Newsgroup: rec.radio.scanner
Date: 1994-05-29 08:08:40 UTC
From: g4dpz@cix.compulink.co.uk
Message-ID: <CqK1AH.544@cix.compulink.co.uk>
Source record: 273785

Is that trevor Wright ?

Hi There from Dave Johnson

I've got a Tandy Pro-43 and a Kenwood th28e I like the tandy's hyperscan.

Long time no see....

- dave

4350. Pro43/BC2500xlt

Newsgroup: rec.radio.scanner
Date: 1994-05-29 11:50:04 UTC
From: mgfleury@netcom.com
Message-ID: <mgfleuryCqKBJG.L2w@netcom.com>
Source record: 273873

I wish to purchase a hand-held scanner soon.
The pro43 seems to have a good record; however it is almost 2 year old technology.
The bc2500xlt has nicer/better features, but at least early on had problems with the recharagable only batteries needing to be recharged ever few days.
Since my expected use would be during camping trips or spare of the moment requirements, the usability of standard AA batteries in the pro43 would seem to favor it despite its lack of 'modern' features.
Comments please.

4351. Trunking - Why not just...

Newsgroup: rec.radio.scanner
Date: 1994-05-29 12:20:35 UTC
From: hpeach@ca.uky.edu
Message-ID: <hpeach.110.000C57D6@ca.uky.edu>
Source record: 273789

Well, trunking has finally come to one of our local police agencies. They are using a GE 5-channel system with phone patch capabilities. The first two weeks of operation it was easy to keep up with them, but now they have introduced an buzzing transmission that moves around on the inactive frequencies every few seconds to mess up scanners.

A couple of us started talking about developing a decoder that would work with a PC to track the *virtual channels*, but then it hit us. Trunked systems will never lend themselves well to scanners because you can't scan multiple agencies on the same box (only one data channel can be monitored at a time). You would have to have a scanner for each agency so why not just buy a trunked radio.

So now the question:

What is to keep someone from just going out and buying a GE trunked radio and programming it to the proper frequencies?
Are there radio shops that will setup a trunked radio for RX only on a given set of frequencies - no questions asked?
Is the documentation available to do this yourself? If so, where?
If you want to listen to all talk groups, do you have to know the talk group numbers being used by the agency or is there some number you can enter that opens up the radio to all talk groups?
Has anyone out there already done this? If so, what other questions do I/we need to be asking?

I just thought it was time to introduce some of these questions to the group. Your thoughts/comments are welcome!

P.S. A local friend/radio shop owner tells us he does not believe trunking has a long-term future. He says that both Motorola and GE systems have had a lot of problems (some deadly) and he thinks some of the more spectrum efficient modes coming out will win out over trunking in a few years. (BTW, he will not program a trunked radio for us. As a radio dealer, he feels doing so for persons other than the licensee is unethical. I don't agree, but it is his shop.)

Harold
hpeach@ca.uky.edu

4352. Re: What is SCA?

Newsgroup: rec.radio.scanner
Date: 1994-05-29 12:25:36 UTC
From: dbland@crl.com
Message-ID: <2sa1k0$kgr@crl2.crl.com>
Source record: 273787
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <2s6i85$nc8@ankh.iia.org>, Peter Goldberg <goldberp@iia.org> wrote:
>Could someone tell me, what SCA means?
>The only info I have is:
>"...67kHz SCA (Subsidiary Communication Authorization) signal.
>SCA is subcarrier used by some stations to transmit bacground music for
>stores, computer data and so forth".
>I saw very simple and cheap receiver named "FM/SCA" (made in China).
>Can I find its SCA station on my scanner (BC890XLT), provided that I know
>freq. of its quartz oscillator (around 40 MHz)?
>Any ideas (preferable by Email to goldberp@iia.org) would be greatly
>appreciated.
>Peter

Scanners typically have a 5khz bandwidth. A better bet would be a cheapo
fm radio. I have used my DX-300 tuned to 67khz to monitor SCA from a
poorly filtered AM-FM portable receiver. Audio quality was not good but
it was readable. Some stations in my area have data of some sort at 67kc.

Try tuning to 19 khz for the stereo pilot then tune up to the center of the
L-R channel at 38khz. Signal levels seem to drop as you move up.

Deil

dbland@crl.com

4353. Re: I want to buy a Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-29 13:16:17 UTC
From: goldberp@iia.org
Message-ID: <2sa4j1$bfr@ankh.iia.org>
Source record: 273790

Todd M. Shissler (tshissl@orion.it.luc.edu) wrote:
: I am looking to buy a scanner in the near future, and would like the
: phone number or recomendations of where to go to purchase one. I want to
: stay away from radio shack because I have not been pleased with their
: quality. Please e-mail me with this info soon. I have heard of a place
: called scanner world that has a catalog that you can order them trough.
: I would also like some info on this as well.
: Thanks, Todd

Try DAMARK 1 800 729 9000.
This is general merchandise mail order but they have 2-3 models of
scanners in every catalog.
J&R Music World 1 800 221 8180 can be also helpful.
Peter

4354. Re: Secret Service!

Newsgroup: rec.radio.scanner
Date: 1994-05-29 13:19:58 UTC
From: hightech@mv.mv.com
Message-ID: <CqKFpB.LzM@mv.mv.com>
Source record: 273791

She was in town for the graduation of her daughter from a local school.

The secret service provided a protection detail for her while she was shopping in the local MALL!!

I never did find the freqs....just noticed a small piece in the paper.

Oh Well, better luck next time!!!

4355. Wanted : quartz oscillators source

Newsgroup: rec.radio.scanner
Date: 1994-05-29 13:20:20 UTC
From: goldberp@iia.org
Message-ID: <2sa4qk$bfr@ankh.iia.org>
Source record: 273792
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I'd appreciate any info on phone/mail order
or anyone who sells them!
Please Email to goldberp@iia.org
Peter

4356. Re: Javiation still in business?

Newsgroup: rec.radio.scanner
Date: 1994-05-29 13:56:29 UTC
From: steven@sgb.oau.org
Message-ID: <CqKHE6.2KB@sgb.oau.org>
Source record: 273701

Michael Schuster (schuster@panix.com) wrote:
: In article <CqIKzL.Lpo@sgb.oau.org>, Steven Bradley <steven@sgb.oau.org> wrote:
: >Did Javiation go out of business? I have received e-mail that Javiation has
: >not been replying to requests for orders or other information recently. I
: >also have not -seen- anything from Jonathon lately either.

: Chatted with him yesterday; he's still up and running.

: He's still very much alive, and in business as usual.
^^^^^^^^^^^^^^^^^
I take it that means he is still backed up with U.S. bound orders of the
MVT 7100, right?

Thank you for the clarification... I suspected he was still around...

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net |---------------------------
GEnie: s.bradley6@genie.geis.com | Don't you think it's about
CompuServe: 73232.505@compuserve.com | time we FIRED the Federal
America Online: sgbradley@aol.com | Communications Commission?

4357. Re: Can someone explain Autopatch?

Newsgroup: rec.radio.scanner
Date: 1994-05-29 15:09:42 UTC
From: milcom@netcom.com
Message-ID: <milcomCqKKs7.8nn@netcom.com>
Source record: 273800

edward f swails (eswails@hubcap.clemson.edu) wrote:
: The other day I was scanning and heard someone do an autopatch on the
: ham frequencies. I have a guess that this allows you to connect with
: the telephone system or to another repeater. Can someone explain this
: and the basic workings of the repeater system (and ham radios in
: general)?

an autopatch connects a radio repeater to the landline telephone.
autopatches are password protected, they require a dtmf access code.
for an autopatch to be useful, it must be in a repeater which is located
on a high mountain top for usable coverage. Many autopatches are also
repeater controllers which provide the line between the repeaters
receiver & transmitter plus the carrier operated relay. Advanced
controllers have synthesized voice, voice mail & the ability to control
several receivers & transmitters for multi-band repeaters systems.

Repeater use on VHF has become standard practice. Repeater use on UHF is
almost mandatory because of line of sight propagation. Multipath or
picket fencing limits the usability on simplex (direct radio to radio),
getting worse with distance & higher frequency.

A repeater consists of a receiver, transmitter, powersupply, controller,
and duplexer/diplexer. receiver & transmitter operate on different
frequencies, like 600khz on 2m ham - 5mhz on 460mhz - 45mhz on 800mhz.
the duplexer allows the transmitter & receiver to share the same antenna
by using sharp (narrowband) cavitys which either notch out the other
frequency of the repeater or pass the desired.

In major metropolitan areas with crowded repeater sites on hilltops
intermodulation problems have required the use of circulators/isolators
and additional bandpass & band reject cavity filters.
--
RF power specialists milcom@netcom.com

4358. Re: Scanners as home security

Newsgroup: rec.radio.scanner
Date: 1994-05-29 15:24:43 UTC
From: jmm5h@Virginia.EDU
Message-ID: <1994May29.152443.3268@Virginia.EDU>
Source record: 273806

I don't think leaving a scanner on is all that great for crime prevention, especially if you leave it on your local PD frequency. This would certainly let a perp know when and why the cops are coming and give him an advantage. He could also steal the scanner and use it for additional crimes. It sounds good but leave it on another jurisdictions freq.

4359. M-1200 Decoder

Newsgroup: rec.radio.scanner
Date: 1994-05-29 15:31:00 UTC
From: larry.nebron@pcgfx.com
Message-ID: <e7.5102.2508.0NE72391@pcgfx.com>
Source record: 273794

Subject: M-1200 Decoder

I tried to E-mail the poster of the original reply, but my mail was returned. This may be of general interested to all.

L>I'm soliciting opinions on the Universal M-1200 decoder, and
>products like it.

L>ACARS is an important feature, along with the run-of-the-mill
>HF decoding modes.

I use one for ACAR's. I'm about seven air miles from SFO and I think I am picking up about 50% of the on the ground originate traffic and most of the in the air traffic. YOU HAVE TO VERY CAREFUL with the scanner you are going to use!!!!!!! ACAR's requires a V E R Y W I D E band scanner. For example the PRO 200X series is useless. You'll need a scanner that has a high volume output. MY Yupi would not work with the M1200 until I boosted its signal. It helps to be close to a major airport and have the major carrier there an ACAR's users, for example Southwest is NOT an Acars user. If you have more questions well, Fire

---
* QMPro 1.52 * Danger: Shortwave listening is habit forming!

4360. Re: What is SCA?

Newsgroup: rec.radio.scanner
Date: 1994-05-29 15:45:17 UTC
From: adar0@routers.com
Message-ID: <2sa6ie$beg@ace.mid.net>
Source record: 273793
Cross-posted to: rec.radio.scanner,alt.radio.scanner

> Could someone tell me, what SCA means?
> The only info I have is:
> "...67kHz SCA (Subsidiary Communication Authorization) signal.
> SCA is subcarrier used by some stations to transmit bacground music for
> stores, computer data and so forth".
> I saw very simple and cheap receiver named "FM/SCA" (made in China).
> Can I find its SCA station on my scanner (BC890XLT), provided that I
know
> freq. of its quartz oscillator (around 40 MHz)?
> Any ideas (preferable by Email to goldberp@iia.org) would be greatly
> appreciated.
> Peter

SCA is a fairly old method of adding an additional channel of audio to an existing FM radio station. I don't think you will find it used hardly anywhere else other than the 88-108mhz FM band. There have been several articles published over the last 10 - 15 years in magazines such as Radio-Electronics on how to add a simple SCA decoder to a regular FM radio. I modified one about five years ago by adding a single cheap IC chip (with a few other components) inside a radio, then connecting the decoded audio signal to the FM monoral front panel switch. I can't find the schematic now, but go to a decent library and look through their periodicals; I'm sure you'll find plenty of references.

4361. FREQUENCY COUNTER RECOMMENDATION?

Newsgroup: rec.radio.scanner
Date: 1994-05-29 16:01:11 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9405291601.A7748wk@chrysalis.org>
Source record: 273804

re your question about the hold button:
yes, it is very useful. there is a mod for the rs counter where youcan add a display hold button, i dont remember it but im sure someone here will. cant offer anyhthing on the counters themselves other than the rs counter doesnt come with recharagable batteries and i beliefe the opto does. check it out before you buy. 73. b.

4362. ARE ALL CELLULLAR PHONE MONITORINGS I

Newsgroup: rec.radio.scanner
Date: 1994-05-29 16:01:12 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9405291601.A7888wk@chrysalis.org>
Source record: 273805

to layne: you were correct in that listening to cellular phones is illegal and the customer was incorrect in the assumption that even tho his radio was not modified to pick them up, i.e. could do so already without modification, that it wasnt illegal. the ecpa clearly states that listening to cellular phone conversations is illegal, doesnt matter how you listen. you however could have given him the frequencies, or frequency range without any problem because it is not illegal to pass information such as that. it is not classified or even secured information. i commend you for using descression however, seeing that you were on the job at the time. 73. brian.

4363. Sahara, Las Vegas - Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-05-29 19:36:00 UTC
From: russell.wright@xoanon.com
Message-ID: <9405300210185508@xoanon.com>
Source record: 273730

Please post or e-mail freqs for the Sahara Hotel in Las Vegas.

Thanks.

* QMPro 1.52 * Russell Wright 6772613@mcimail.com

4364. Re: Secret Service!

Newsgroup: rec.radio.scanner
Date: 1994-05-29 20:58:25 UTC
From: hightech@mv.mv.com
Message-ID: <CqL0xD.9EB@mv.mv.com>
Source record: 273802

That last message seems to been truncated.....

The she....was the Turkish Prime Minister.....just in for a little shopping.

4365. === Bearcat 200XLT (with cellular) for sale ===

Newsgroup: rec.radio.scanner
Date: 1994-05-29 21:07:49 UTC
From: salavi@unity.ncsu.edu
Message-ID: <2sb075$cg7@taco.cc.ncsu.edu>
Source record: 273803
Cross-posted to: rec.radio.swap,misc.forsale,alt.radio.scanner,rec.radio.scanner

Bearcat 200XLT hand held scanner.
picks up cellular and more
excellent cond

$200+shipping.

>>> Please include this message for reference <<<
====== S. Alavi [salavi@unity.ncsu.edu] (919)467-7909 (H) ========
(919)856-3817 (W)

4366. are ALL cellullar phone monitorings illegal?

Newsgroup: rec.radio.scanner
Date: 1994-05-29 22:16:18 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9405292039.AA140605@f217.n202.z1.fidonet.org>
Source record: 273726

LT> So my question is, who was right. Even if I had known the freqs,
LT> I would not have given them because of the principle of the
thing, but
LT> legally, who was right?

Its illegal to INTENTIONALLY listen to a cellphone conversation, no matter WHERE you hear it. And besides, ALL cellphones work on ALL assigned freqs (between 869 and 894 mhz for the base end, 824-847 mhz mobiles), you don't have any freqs that are assigned to different manufacturers cellphones.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

4367. Re: === Bearcat 200XLT (with cellular) for sale ===

Newsgroup: rec.radio.scanner
Date: 1994-05-29 22:42:35 UTC
From: perlman@cs.fit.edu
Message-ID: <CqL5qz.7K2@zeno.fit.edu>
Source record: 273801
Cross-posted to: rec.radio.swap,misc.forsale,alt.radio.scanner,rec.radio.scanner

On 29 May 1994 21:07:49 GMT, S. Alavi (salavi@unity.ncsu.edu) wrote:

: Bearcat 200XLT hand held scanner.
: picks up cellular and more
: excellent cond

: $200+shipping.

HAHAHAHAHAHAHHAHAHAHAHAHAHAHAHHAHAHAHAHAHAAHAHAHHAHAHA

You can get them new for about that, if not less.

--
|o| Marshal Perlman Internet/MIME: perlman@zeno.fit.edu |o|
|o| Academic and Research Computing Services (ARCS) IRC: Squawk |o|
|o| Florida Institute of Technology FAA: Commercial/Instrument-ASEL |o|
|o| Pager: 407/455-4809 Member: AOPA/AAAE/Goodyear Blimp Club |o|
|o| *My Uniform Resource Locator is: http://sci-ed.fit.edu/~perlman |o|
%%%
%%%
All letter-bombs will be returned unopened to sender.

4368. Priority Channel

Newsgroup: rec.radio.scanner
Date: 1994-05-29 23:07:02 UTC
From: skiingcal@aol.com
Message-ID: <2sb76m$9or@search01.news.aol.com>
Source record: 273809

Why can't someone design the Priority Channel on a scanner to not interupt regular scanning when nothing is on the selected channel. In other words: Everytime I use this feature, every two seconds you hear a dropout in a conversation on another channel. This seems to happen on all scanners I've tested. Seems this was an afterthought in design. It's a useful feature but annoying as hell when using it!

4369. Cruise Ship Frequencies - Port of Vancouver, BC, CA

Newsgroup: rec.radio.scanner
Date: 1994-05-29 23:23:05 UTC
From: a3206@mindlink.bc.ca
Message-ID: <2sb84p$ank@deep.rsoft.bc.ca>
Source record: 273814

I am interested in any information related to Cruise Ship freqs
that may be used in port, or while sailing in the open seas.

Regards & TIA,

/pcos

4370. Re: Has Grove sold out to the FCC?

Newsgroup: rec.radio.scanner
Date: 1994-05-29 23:37:53 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May29.233753.5478@hpcvaac.cv.hp.com>
Source record: 273818

Bud_Jamison@f1010.n202.z1.fidonet.org writes:
:
: TD> Then, Grove has the nerve to actually state "the only way to
: TD> buy one of these scanners is from stock imported BEFORE [their
: emphasis]
: TD> April 26, 1994." As we all know from other posts in this newsgroup
: this TD> is outright bullshit.
:
: Maybe you'd be happier if they'd said the only LEGAL way?? The TDDRA
: is very specific in NOT allowing the importation, for sale OR private
: use, of modifiable scanners. The fact that things coming into the U.S.
: from Canada don't go through Customs, and stand a good chance of not
: being intercepted, doesn't change the law.

Hm. Where does it say that it is illegal "for private use"?

Also, packages from Canada DO go through Customs. It is just that the packages are seldom opened.

Bill

4371. Re: FREQUENCY COUNTER RECOMMENDATION?

Newsgroup: rec.radio.scanner
Date: 1994-05-30 00:31:07 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May29.193107.2405@hnrc.tufts.edu>
Source record: 273819

In article <9405291601.A7748wk@chrysalis.org>, brian.oakley@chrysalis.org writes:
> the rs counter doesnt
> come with recharagable batteries and i beliefe the opto does. check it out
> before you buy. 73. b.

Actually, the rs counter is a lot like the PRO-43. You can use alkalines or rechargeables. If you choose rechargeables, you can have the counter recharge them for you when you plug in the AC adapter. Unlike the PRO-43 with its pair of female connections, the counter has a single switch-controlled female connector.

I prefer this arrangement, myself. I'll almost always be using it as a portable and I'd like to be able to use alkalines, which does not seem to ba an option with the Opto or the Startek. But . . . no hold button.
(Also, RS comes with an antenna, but not with a recharger.)

4372. What is a frequency Counter???

Newsgroup: rec.radio.scanner
Date: 1994-05-30 00:37:15 UTC
From: terupe@waikato.ac.nz
Message-ID: <1994May30.123715.29058@waikato.ac.nz>
Source record: 273823

I have heard alot said about frequency counters,
but for the life of me figure out just what is a frequency
counter. What does it do, or enable you to do??

4373. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-05-30 03:48:40 UTC
From: ericd@pacifier.rain.com
Message-ID: <CqLJx5.51o@pacifier.rain.com>
Source record: 273731

```
--> > Scanner listener
--> > Scanner
--> > Scannerer
--> > Scanner enthousiast
--> > Scanman (Scanwoman, Scanperson, whatever)
--> > Scannerman, etc.
--> > Scannerator

How about Scan Head? (-:

---
These are my opinions, so NYAH! (-:
+--------------------------------+-----------------------------------+
| Eric J. Dahlquist | Vote for Ed Schermerhorn |
| a.k.a. ericd@pacifier.rain.com | "Tough Choices from a tough name" |
+--------------------------------+-----------------------------------+

--
---
These are my opinions, so NYAH! (-:
+--------------------------------+-----------------------------------+
| Eric J. Dahlquist | Vote for Ed Schermerhorn |
```

4374. Question about DSP's?

Newsgroup: rec.radio.scanner
Date: 1994-05-30 03:55:20 UTC
From: ericd@pacifier.rain.com
Message-ID: <CqLK89.57y@pacifier.rain.com>
Source record: 273732

Some one mentioned a while ago something about a Signal
Prossessor which would also decode MDT information (Or something like that.)

Would someone please E-mail me what was ment by it (or if I'm
totally off in a different time zone.)? Thanks in advance,

These are my opinions, so NYAH! (-:
+---------------------------------+----------------------------------+
| Eric J. Dahlquist | Vote for Ed Schermerhorn |
| a.k.a. ericd@pacifier.rain.com | "Tough Choices from a tough name" |
+---------------------------------+----------------------------------+

--

These are my opinions, so NYAH! (-:
+---------------------------------+----------------------------------+
| Eric J. Dahlquist | Vote for Ed Schermerhorn |

4375. Re: Javiation still in business?

Newsgroup: rec.radio.scanner
Date: 1994-05-30 04:13:01 UTC
From: dgoodman@aol.com
Message-ID: <2sbp4d$der@search01.news.aol.com>
Source record: 273728

In article <CqIKzL.Lpo@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley) writes:

>I know he had a problem with Monitoring Times (Grove Enterprises) accepting
his advertising, and I also know he recieved a somewhat form letter from
the FCC prior to April 26.

These are long-propagated myths. Jonathan voluntarily stopped advertising in MT, and the form letter went to Grove, not Javiation.

Danny

4376. PRO-2006 hum -- normal?

Newsgroup: rec.radio.scanner
Date: 1994-05-30 08:42:43 UTC
From: john.jewkes@tcfarm.com
Message-ID: <9405300400175405@tcfarm.com>
Source record: 273734

no sir, that's not normal. You should contact whatever company you purchased it from. It generally indicates something wrong in the audio output filter circuit to get an AC hum from the speaker. The fact that it is audible when unit is off indicates it might be dangerous, I.E.: catch fire!

please do not use it on AC until it is repaired.
JOHN JEWKES, OHSU SAFETY TEAM MEMBER

john.jewkes@OHSU.EDU

4377. Re: Which Scanner should I buy?

Newsgroup: rec.radio.scanner
Date: 1994-05-30 10:13:49 UTC
From: Jeroen Houttuin <houttuin@rare.nl>
Message-ID: <1994May30.101349.12905@newsserver.rrzn.uni-hannover.de>
Source record: 273733

In article <1994May26.175908.1428@arrl.org> Jim Kearman,
jkearman@arrl.org writes:
>You want a Yupiteru MVT-7100. Unfortunately, it's illegal to
>bring one into the US. Good luck.

Does that count for me as a toursit as well?

Thanks,
JH
-//-

4378. Re: are ALL cellullar phone monitorings illegal?

Newsgroup: rec.radio.scanner
Date: 1994-05-30 12:03:41 UTC
From: steven@sgb.oau.org
Message-ID: <CqM6u6.35M@sgb.oau.org>
Source record: 273645

Jonas Grumby (dilligaf@netcom.com) wrote:
: In article <1994May28.204826.15993@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:

: [some dope calling Radio Shack asking for cell freqs stuff deleted]
: >
: >Well, you need to stand on your principles. However, I see no reason why
: >you shouldn't tell him (if you knew). After all, they are listed in Police
: >Call.
: >

: This is why you should NOT tell him the frequencies! You should say
: something like "I can't tell you because we *sell* information like that.
: If you really want it then you can come into one of our many convenient
: stores and buy a copy for XXX dollars."
:
: (Of course all of this said with that totally cheery salesman voice!)

Well, let's put this straight... If he was a good "regular" customer who has bought many times in the past, giving some information over the phone would not at all be inappropriate since the main purpose of Police Call is NOT to list cellular frequencies, and you did not say if he was calling from New Jersey (where the only Police Calls to be had are via mail order!)

Now about the information... It's legal to modify a scanner to receive cellular frequencies. It's legal to modify scanners that are already legally unable to be modified. It's legal to give out the frequencies to others, since they are information, not actually transcripts/tapes of calls! It's also possible to legally import them as non-certified devices as well, not specifically concerning yourself with "if" it can receive or not receive cellular calls. It would not be legal to "knowingly" import them as cellular scanners for resale. But as a non-certified FCC form 740 applicable device (ie up to three for personal use or for testing and development), it's 100% legal since the form and the fact it is non-certified means just that ... no data. The customs folks are not specialists in testing rf devices, to them any rf device is the same as any other, if it has no FCC id, its non-certified and qualifies for the form 740 import for personal use option.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net |----------
GEnie: s.bradley6@genie.geis.com | Don't you think it's about
CompuServe: 73232.505@compuserve.com | time we FIRED the Federal
America Online: sgbradley@aol.com | Communications Commission?

: th

4379. Re: Pro-43 TV Interference!

Newsgroup: rec.radio.scanner
Date: 1994-05-30 12:39:51 UTC
From: schuster@panix.com
Message-ID: <2scmqn$aj4@panix2.panix.com>
Source record: 273735

In article <CqJszC.8x3@microsoft.com>,
Matt Mercer <v-mattm@microsoft.com> wrote:
> My Pro-43 picks up the local religious TBN Christian
>Broadcasting Network, on 460.050, the primary police dispatch
>channel, and it is very annoying! Only when there is actual
>police transmissions, is this interference muted. The interference
>is intermittent, and may die out when the sun goes down. The local
>TBN station is about 20 miles away, but I don't know why the Pro-43
>picks up continual, religious broadcasting, in a distorted manner.
> I know that Grove advertises filters that are supposed to
>weed out a lot of garbage, but I don't know if it would eliminate this
>broadcasting.
> One other point. I live in a 15 story apartment building, and,
>when I lived on the 14th floor, I did not have this interference. Now, I
>live on the 9th, and get it all the time. If I go to my Mom's building,
>and she also lives on the 9th floor, I get the same interference. Are
>these buildings "natural" receptors, and why, religious broadcasting, of
>all things?

Sounds like a classic case of intermod which is specific to the IF's of
the scanner and your particular RF microenvironment. Godd luck working it
out ... such things can be next to impossible.

The PRO-43 has been known to receive TV channel 20 all over the spectrum.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4380. Re: === Bearcat 200XLT (with cellular) for sale ===

Newsgroup: rec.radio.scanner
Date: 1994-05-30 12:51:19 UTC
From: salavi@unity.ncsu.edu
Message-ID: <2scng7$orh@taco.cc.ncsu.edu>
Source record: 273736
Cross-posted to: rec.radio.swap,misc.forsale,alt.radio.scanner,rec.radio.scanner

```
In article <CqL5qz.7K2@zeno.fit.edu>,
Marshal Perlman [ARCS] <perlman@cs.fit.edu> wrote:
>On 29 May 1994 21:07:49 GMT, S. Alavi (salavi@unity.ncsu.edu) wrote:
>
>: Bearcat 200XLT hand held scanner.
>: picks up cellular and more
>: excellent cond
>
>: $200+shipping.
>
>HAHAHAHAHAHAHHAHAHAHAHAHAHAHHAHAHAHAHAAHAHAHHAHAHA
>
>You can get them new for about that, if not less.
>
>--
> |o| Marshal Perlman Internet/MIME: perlman@zeno.fit.edu |o|
> |o| Academic and Research Computing Services (ARCS) IRC: Squawk |o|
> |o| Florida Institute of Technology FAA: Commercial/Instrument-ASEL |o|
> |o| Pager: 407/455-4809 Member: AOPA/AAAE/Goodyear Blimp Club |o|
> |o| *My Uniform Resource Locator is: http://sci-ed.fit.edu/~perlman |o|
> %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
> All letter-bombs will be returned unopened to sender.

1) The cheapest I have seen them is $249. Please share your source
with us.

2) This one picks up Cellular. The new ones don't.

====== S. Alavi [salavi@unity.ncsu.edu] (919)467-7909 (H) ========
(919)856-3817 (W)
```

4381. Wanted: Uniden Bearcat 200xlt

Newsgroup: rec.radio.scanner
Date: 1994-05-30 15:20:18 UTC
From: blangos@wtcp.DaytonOH.NCR.COM
Message-ID: <2949@wtcp.DaytonOH.NCR.COM>
Source record: 273737

Subject says it all!!

--
Bruce Langos
Workstation Products Division
Bruce.Langos@wtcp.DaytonOH.NCR.COM
...!uunet!ncrcom!ciss!wtcp!blangos

4382. Pike's Peak Hill Climb Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-05-30 17:34:36 UTC
From: robinett@cscns.com
Message-ID: <robinett.10.000A93FA@cscns.com>
Source record: 273738

Anyone have any freqs for the Pike's Peak Hill Climb? I'll be attending this 4th of July.

Rob Robinette

4383. Milwaukee Mile 200 Car freqs.

Newsgroup: rec.radio.scanner
Date: 1994-05-30 17:50:59 UTC
From: eberman@world.std.com
Message-ID: <CqMMwz.16M@world.std.com>
Source record: 273739

Hello all,

I will be attending the Milwaukee Mile 200 race afte those fine time
trials in Indianapolis this weekend. I'd like to take aling an HT
to monitor tranmissions between the crews and drivers.

So, my questions are these: Does anyone have a list of frequencies the
team will be using for this race? I have a list from the 500 this year.
Will the teams use the same frequencies? If not, is there another
resource I can use to get these frequencies?

Thanks to anyone that can offer assistance.

Erich

--

~ eberman@world.std.com - Internet ~
~ 70642,130 - Compuserve ~
~ N9RTM@WB9TYT.MKE.WI.USA - Amateur Packet Radio ~

4384. Cellular restoration for BC 700A?

Newsgroup: rec.radio.scanner
Date: 1994-05-30 18:36:18 UTC
From: anonamos@aol.com
Message-ID: <anonamos-300594103618@carson.slip.netcom.com>
Source record: 273740

Could someone post the cellular restoration instructions (if any) for the
BC 700A?

4385. wanted: LA police riot conversations

Newsgroup: rec.radio.scanner
Date: 1994-05-30 19:49:16 UTC
From: perhaps@u.washington.edu
Message-ID: <2sdfvs$i3h@news.u.washington.edu>
Source record: 273741

Hello,
I am wondering if anybody has or recalls a log of the
LA police dispatch conversations during the recent LA riots
a year or two ago. thanks

perhaps@u.washington.edu

4386. Re: === Bearcat 200XLT (with cellular) for sale ===

Newsgroup: rec.radio.scanner
Date: 1994-05-30 20:13:08 UTC
From: el124@cleveland.Freenet.Edu
Message-ID: <2sdhck$2t2@usenet.INS.CWRU.Edu>
Source record: 273742

In a previous article, salavi@unity.ncsu.edu (S. Alavi) says

>>: Bearcat 200XLT hand held scanner.
>>: picks up cellular and more
>>: excellent cond
>>
>>: $200+shipping.

>
> 2) This one picks up Cellular. The new ones don't.

Hmmm...this is not really a 'bonus' as you seem to imply. First, the
200xlt searches in 12.5khz steps, while cellular uses 30khz steps.
So, you only pick up some of the cellular stations. Second, I pick up
cellular just fine between 900 and 920 mhz. I believe this is because
of the IF steps (something along those lines--not sure though).
Now...my question is: since the new ones are not supposed to be
modifiable, does this mean a person cannot pick up the cellular
frequencies in the 900-920 range? Hmmm...I dunno.
--
Mike Wilson COM-ASEL-IA
Spirit of St. Louis, MO
Email: Internet--wilson@sluvca.slu.edu ----------
Compuserve--75163,45

4387. NY State Trooper's Freq along I87 and I84

Newsgroup: rec.radio.scanner
Date: 1994-05-30 21:04:33 UTC
From: shc@mt747.mt.att.com
Message-ID: <CqMvvM.84C@nntpa.cb.att.com>
Source record: 273743
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I will be visiting some folks in the Poughkeepsie area this weekend and like to get the freq for the NYS Trooper along I87 (NY Thruway) and I84 along the Newburgh area. I'll be coming up from Rt 17 in North Jersey and pick up 87. It will be helpful also if anyone has the Wappingers Fall and Poughkeepsie Police's freq too. I didn't have a chance to get hold of a copy of NY state's Police Call. This will be the first time I'm traveling with my PRO-43 and really like to see if I can pick up things outside my area.

Just like to know where there are along the way...

Thanks in advance

==========
Stephen Chu
AT&T Bell Labs
Holmdel, New Jersey USA Email: shc@mt747.att.com
==========

4388. Re: Frequency counter recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-05-30 22:31:35 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994May30.173135.2415@hnrc.tufts.edu>
Source record: 273744
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

In article <1994May27.221543.2395@hnrc.tufts.edu>, I wrote:
> Would anyone care to make a lower-cost frequency counter recommendation?
> The more affordable models seem to be
>
> Radio Shack 22-305 $100
> Optoelectronics 3300 $130
> Startek 1350 $130 list
>
> I notice the Opto has a hold button while the RS doesn't. Not sure about the
> Startek. My intuition tells me this could be worth the extra $'s. Any
> comments?
>
> Thanks.

Once again, it looks like its going to end up costing twice what I originally thought. I've been told that what I really want is automatic capture. Since I've yet to be disappointed by anything I've purchased after receive a range of opinions on the net, I'm very curious to hear any arguments for or against the OptoElectrics M1, Startek ATH-10, or Startek ATH-15. My primary use will be mobile, to determine what frequencies those around me are transmitting on.

Thanks much.

4389. Re: Priority Channel

Newsgroup: rec.radio.scanner
Date: 1994-05-30 23:34:00 UTC
From: tom.lackamp@vidgame.com
Message-ID: <ce.4723.696.0NCCBBD2@vidgame.com>
Source record: 273748

SC>Why can't someone design the Priority Channel on a scanner to not
SC>interupt regular scanning when nothing is on the selected channel...

Cal,

What you're hearing is the scanner momentarily jumping from
the active channel to check activity on the channel you've
programmed as priority. It takes a certain amount of time for
the synth to settle on the new channel and for the squelch circuit
to check for high-freq audio which indicates an idle channel. That
period of time, short as it is, shows up as a break in the audio
of the non-priority channel you might be monitoring at the time.

To avoid this audio interruption, your scanner would actually
need a second embedded receiver, from the front end all the way
back to the discriminator, including a separate synthesizer. It
could be done, but it would be mighty expensive, considering the
very limited benefit the second RF strip would provide. (Of course,
I can think of about a dozen situations where the simultaneous
two-frequency monitoring provided by such a system *would* be worth
the price - especially in a portable scanner, where it might not
be practical to carry multiple separate receivers if you don't
want to look like a super-nerd <g>.)

I share your frustration with the chopped-audio priority channel
mechanism. I seldom use this feature on my scanner.

Best,

Tom Lackamp
tom.lackamp@vidgame.com

• CMPQwk #1.4• UNREGISTERED EVALUATION COPY

4390. Re: === Bearcat 200XLT (with cellular) for sale ===

Newsgroup: rec.radio.scanner
Date: 1994-05-30 23:55:14 UTC
From: perlman@cs.fit.edu
Message-ID: <Cqn3s2.Jrp@zeno.fit.edu>
Source record: 273746
Cross-posted to: rec.radio.swap,misc.forsale,alt.radio.scanner,rec.radio.scanner

: 1) The cheapest I have seen them is $249. Please share your source
: with us.

: 2) This one picks up Cellular. The new ones don't.

There was a mail order place I remember that had them for $200, it was called
"The Radio Shack" (yea, I know)... let me see if I can find the info. I was
sent a letter a long time ago from that store [almost a year] stating that
they had BC200-XLTs for $200.

--
|o| Marshal Perlman Internet/MIME: perlman@zeno.fit.edu |o|
|o| Academic and Research Computing Services (ARCS) IRC: Squawk |o|
|o| Florida Institute of Technology FAA: Commercial/Instrument-ASEL |o|
|o| Pager: 407/455-4809 Member: AOPA/AAAE/Goodyear Blimp Club |o|
|o| *My Uniform Resource Locator is: http://sci-ed.fit.edu/~perlman |o|
%%
All letter-bombs will be returned unopened to sender.

4391. Real-time DTMF decoder for Mac

Newsgroup: rec.radio.scanner
Date: 1994-05-31 00:14:41 UTC
From: theshark@uclink2.berkeley.EDU
Message-ID: <theshark-300594170656@sharkbite.hip.berkeley.edu>
Source record: 273745

The other day, I was reading the alt.2600 newsgroup, when I came upon a DTMF decoding program which uses the audio input source from the Mac (sys 7.x only) to spew numbers out into a text file or on the screen. It has somewhat good sensitivity, but the version I picked up was a demo, in which the author wrote in code that locks out three random digits. The fully functional version costs $25 and can be bought from the author, Carl Huben. His e-mail address is: gsmattes@vela.acs.oakland.edu

This is not an ad, just something I thought the scanner group would be interested in. The program is called Touch Tone Decoder 2.0
--
Andy Brandt
theshark@uclink2.berkeley.EDU

"I'm not wishy-washy; I'm either/or"
-Isiah Thomas

4392. BC 200XLT

Newsgroup: rec.radio.scanner
Date: 1994-05-31 00:27:00 UTC
From: trey.biesel@artibbs.sccsi.com
Message-ID: <9405310816094@artibbs.sccsi.com>
Source record: 273764

I have a Bearcat BC 200XLT, and I was wondering if anyone had any good modifications for it. I have already clipped the 10k&#65533; resistor that locks out some of the 800 Mhz range. I noticed that when I reset it, it has some frequencies on certain channels that I couldn't enter otherwise (like in the 87 Mhz range). Does anyone know how to enter a wider range of frequencies, and will the scanner actually pick them up? Thanks.

Renegade

... Government Tagline. Takes up space, no known function
--- Blue Wave/QWK v2.10

4393. Re: I want to buy a Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-31 01:00:11 UTC
From: j4dice@aol.com
Message-ID: <2se26r$s5q@search01.news.aol.com>
Source record: 273747

tshissl@orion.it.luc.edu (Todd M. Shissler) writes:
: I am looking to buy a scanner in the near future, and would like
the
: phone number or recomendations of where to go to purchase one. I
want to
: stay away from radio shack because I have not been pleased with
their
: quality. Please e-mail me with this info soon...

I agree with everyone else. I have had a 2006 and a Pro-46 for some time now and I am quite pleased with the 2006. It's well worth the investment and covers all the bands up to 1200 MHz. The 46 is not made by GRE and is certainly not as good as the 43. It is somewhat prone to intermod., but I got it at a great price and it's served me well as a portable & second scanner.

Jim Fordyce

4394. Re: Trunking - Why not just...

Newsgroup: rec.radio.scanner
Date: 1994-05-31 01:37:53 UTC
From: milcom@netcom.com
Message-ID: <milcomCqn8J6.IEn@netcom.com>
Source record: 273749

Harold G. Peach Jr. (hpeach@ca.uky.edu) wrote:
: What is to keep someone from just going out and buying a GE trunked radio
i have seen an add for a device which restarts the scan at those series
of tones during the repeater hang. Comsec Associates, Inc. 2219 W. Olive
Ave., Burbank, CA 91506

: P.S. A local friend/radio shop owner tells us he does not believe trunking
: has a long-term future. He says that both Motorola and GE systems have had a
: lot of problems (some deadly) and he thinks some of the more spectrum
: efficient modes coming out will win out over trunking in a few years. (BTW,
the lovely 220-222mhz spectrum will become home to 100 repeater pairs,
spaced 5khz. Amplitude compandered single sideband will be used with
3.1khz pilot tone. Uniden & SEA are making repeaters & mobiles. It will
be expensive & power inefficent, yet very spectrum efficient. And
because its 220mhz, it shound work great if co-channel & intermod can be
kept under control. This shouuld see popularity in large metropolitan
areas where 800 & 900mhz trunking bands are filled.
Motorola & GE systems have had problems, but what about LTR? EFJohnson
and Uniden have been making a killing with LTR. LTR repeaters can be
identified by a squelch crash at repeater key up and the 15 or so second
keep alive pulse. You should be able to hear as many LTR repeaters as
motorola repeaters.
I also heard about this variation of the motorola system where the
data channel can be used for voice when all channels are busy.

--
RF power specialists milcom@netcom.com

4395. Re: 800 mhz trunking

Newsgroup: rec.radio.scanner
Date: 1994-05-31 02:04:07 UTC
From: tshay11011@aol.com
Message-ID: <2se5un$sul@search01.news.aol.com>
Source record: 273750

In article <2s576c$lt@search01.news.aol.com>, kenneth924@aol.com (Kenneth924) writes:

Don't know much about the radios mentioned but I have a Pro-43 and it works reasonably well for our trunked system. What frequencies in what banks is the tricky part. You can monitor most conversations if your fast on the scan button. Good luck. The faster the scan rate the better luck you'll have.

4396. Welcome to rec.radio.info!

Newsgroup: rec.radio.scanner
Date: 1994-05-31 03:00:05 UTC
From: rec-radio-info@ve6mgs.ampr.ab.ca
Message-ID: <rec.radio.info-welcome_770353205@ve6mgs.ampr.org>
Source record: 273751
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.info,news.answers,rec.answers

Archive-name: radio/rec-radio-info/welcome
Last-modified: $Date: 1994/01/02 22:00 $
Version: $Revision: 1.06 $

*** Welcome to rec.radio.info! ***

Welcome to rec.radio.info, a group that aims to provide a noise-free source
of information and news for the entire rec.radio hierarchy.

Two introductory articles about rec.radio.info are posted to the group and
to news.answers every two weeks. You are now reading the first article, which
explains what rec.radio.info is, and answers some Frequently Asked Questions.
The second article is titled "Submission Guidelines", and you only need to
read it if you want to submit an article to rec.radio.info.

You can skip to the next section of this article by searching for the next
" -- " string. The sections available are:
- What is the purpose of rec.radio.info?
- Why are messages almost always cross posted to rec.radio.info?
- What is a 'follow-up', and what does 'moderated' mean?
- OK, so now I know what 'moderated' means. Tell me more.
- What type of material is considered inappropriate?
- I do not have access to news, how can I get the information posted to
rec.radio.info?
- Will the material appearing in rec.radio.info be archived somewhere?
- I have a regular posting with timely information, is there a way to
speed up it's delivery, or automate for more convenience?

-- What is the purpose of rec.radio.info?

The purpose or charter of rec.radio.info is to provide the Usenet community with
a resource for information, news, and facts about any and all things radio.

All the other rec.radio groups are intended for discussions and general chit
chat about radio. Rec.radio.info will contain informational, factual articles
only. Follow-ups are redirected to an appropriate other group, and further
discussion (if any) will not take place in rec.radio.info.

In order to ensure that rec.radio.info contains only appropriate articles, it
was decided to create the group as a moderated newsgroup.

-- Why are messages almost always cross posted to rec.radio.info?

It provides a "tag" for each article to be assembled into a filtered
presentation in rec.radio.info (even with cross-posting, only one message, with

a unique Message-ID, is propogated across the net). This tag also facilitates a pre-existing method of dropping or cancelling the articles locally within the discussion groups if you don't want to see them. This accommodates individuals who want to separate the bulletins from the discussions, discussions from the bulletins, as well as those who are adamant about not reading another newsgroup and wanted to see everything all in one basket.

With the total size of Usenet (in number of newsgroups and total traffic) doubling every year or so, this is no insignificant contribution to reducing information noise and chaos. Making the discussion groups a catch-all, and making extra newsgroups filters on that catch-all, is also the most realistic way to implement such a scheme (It's not intuitively obvious what the charter, contents, and general appropriate topics for each and every newsgroup are. Seeing FAQ's and charter/intro postings in the home newsgroup is beneficial for new readers).

By cross-posting one only is adding a few tens of bytes to each bulletin (to specify the extra group on the Newsgroups line), but are adding the capability for very powerful filtering features available on most news servers, listservers and readers. Your local news guru could probably explain these features in more detail.

In rn, for example, according to Leanne Phillips in her rn kill-file FAQ, add a line of the form:
/Newsgroups:.*[,]rec\.radio\.info/h:j
either in ~/News/KILL (if you don't want to see rec.radio.info articles anywhere) or ~/News/rec/radio/amateur/misc/KILL (if you don't want to see them just in rec.radio.amateur.misc). The latter method means your kill file will only be consulted during rec.radio.amateur.misc (and hence runs more efficiently), and will probably work for most people.

In nn, according to Bill Wohler in his nn FAQ, add a line of the form:
rec.radio.info:!s/:^
in ~/.nn/kill (if you don't want to see rec.radio.info articles anywhere), or put the following lines:
sequence
rec.radio.info
rec.radio.
at the end of ~/.nn/init in order to see all the rec.radio.info bulletins first, then read the remaining rec.radio.* without the bulletins.

-- What is a 'follow-up', and what does 'moderated' mean?

If you are new to Usenet and are not familiar with the terminology, you might want to read the general introductory articles found in the newsgroup news.announce.newusers. Doing so will make your life on the net much easier, and will probably save you from making silly beginner's mistakes.

If you think that at this moment you are reading an echo, a conference, or a bulletin board, I'd also strongly suggest a trip over to news.announce.newusers.

For the rest of this article, I will assume you have a basic knowledge of Usenet terminology and mechanics.

A moderated group means that any article that needs to be posted to the group has to be accepted by the moderator of the group. Since we need to ensure that followups to an article (discussion) do not show up in the rec.radio.info newsgroup, the `Followup-To:' header line contains a newsgroup that is appropriate for disussions about the specific article.

-- OK, so now I know what 'moderated' means. Tell me more.

Rec.radio.info is a moderated newsgroup, which means that all articles submitted to the group will have to be approved by the moderator first.

The current moderator of the group is Mark Salyzyn. Submissions to rec.radio.info can be posted, or e-mailed to:

rec-radio-info@ve6mgs.ampr.ab.ca

Comments, criticisms, suggestions or questions about the group can be e-mailed to:
rec-radio-request@ve6mgs.ampr.ab.ca

But before you do so, please be sure to check out the "Submission Guidelines" article.

The influence of the moderator should be minimal and of an administrative nature, consisting chiefly of weeding out obviously inappropriate articles, while making sure correct headers etc. are used for the appropriate ones.

-- What type of material is considered inappropriate?

There are three broad categories of articles which will be rejected by the moderator:

1) Requests for information: rec.radio.info is strictly a one-way street. I receive information in my mailbox; I then post it to rec.radio.info. Requests for specific information belong in the normal discussion newsgroups. If your request gets answered, you might consider passing the answer on to rec.radio.info, though. Especially if you can edit it into a informational, rather than a discussion, format.

2) Obvious discussion articles, or articles that appear unsubstantiated.

3) Commercial stuff: a relatively unbiased test of a radio product would be accepted, but any hint of for-profit might be reason for rejection. For three reasons: This is not the purpose of the list, for-profit is a controversial topic, and this list may be passed onto Amateur Packet Radio (where for-profit is prohibited except under certain provisos).

rec.radio.swap (or possibly comp.newprod) may be more deserving of the posting in any matter.

Similarly, copyrighted material generally cannot be used. If it's TRULY worthwhile to the net, I would recommend obtaining permission from the copyright holder. Please note the source, and if permission was given. I

reserve the right to make the final decision concerning appropriateness in all situations. In most cases, a brief summary of, or pointer to, the copyrighted information may be all I can allow.

-- I do not have access to news, how can I get the information posted to rec.radio.info?

brian@UCSD.EDU (Brian Kantor) has kindly supplied a mail list server for rec.radio.info. Non of the articles will be digested, due to their size, so you will receive individual mailings for every article posted to the group.

Mail sent to radio-info@ucsd.edu will be forwarded to the moderator and thus is an alias to rec-radio-info@ve6mgs.ampr.ab.ca

To subscribe and unsubscribe via the listserver; the format for that is

sub address radio-info
unsub address radio-info

where 'address' is your full mailing address. Send this request to

listserv@ucsd.edu

Note that the server will automatically delete any address that bounces mail. If you leave the address portion blank, it will try to deduce your address from the mail headers. This may not work if you are on bitnet, milnet or some other non-Unix host, so it is recommended to put your return address in any case. For example:

sub mymailbox@myhost.mydomain.mil radio-info
or
sub MEMEME01@DMBHST.bitnet radio-info

or something like that.

-- Will the material appearing in rec.radio.info be archived somewhere?

< Dated information here >

Yes. Still firming up details at the moment but here is a preliminary list:
- unbc.edu as maintained by Lyndon Nerenberg <lyndon@unbc.edu>
- nic.funet.fi maintained by Risto Kotalampi <rko@cs.tut.fi>
saved to /pub/dx/text/rec.radio.info currently stored as numbered files.

Effectively this means that anything you post to rec.radio.info will be permanently stored, so your work will not be lost.

-- I have a regular posting with timely information, is there a way to speed up it's delivery, or automate for more convenience?

Yes, there is! It may take a bit of chatter with the moderator, but we are willing to take responsible people and provide them the means of posting the articles directly from their site. We will try everything we can as we fully realize that DX (distant signal) and astronomical data can be somewhat

transitory. We are also willing to allow regular posters of information the same courtesy, even if the information is not as time critical.

We refer to this as self-moderation, which is partly based on the model for news.answer. This requires co-operation and good will to be beneficial to the community in the rec.radio hierarchy.

I suggest reading the posting guidelines for more information. I am open to suggestions.

I thank the following individuals for their input into this article:
rec.music.info moderator Leo Breebaart rec-music-info@cp.tn.tudelft.nl
rec.radio.broadcasting moderator Bill Pfeiffer wdp@gagme.chi.il.us
Paul W. Schleck, KD3FU pschleck@unomaha.edu
Ian Kluft, KD6EUI ikluft@uts.amdahl.com

--
Mark Salyzyn -- Moderator rec.radio.info
Submissions to: rec-radio-info@ve6mgs.ampr.ab.ca
Administrivia to: rec-radio-request@ve6mgs.ampr.ab.ca
* Requests for information do *not* belong in rec.radio.info *

4397. Re: Has Grove sold out to the FCC?

Newsgroup: rec.radio.scanner
Date: 1994-05-31 03:19:05 UTC
From: steven@sgb.oau.org
Message-ID: <CqnD7u.2G8@sgb.oau.org>
Source record: 273647

Bud_Jamison@f1010.n202.z1.fidonet.org wrote:

: Maybe you'd be happier if they'd said the only LEGAL way?? The TDDRA
: is very specific in NOT allowing the importation, for sale OR private
: use, of modifiable scanners. The fact that things coming into the U.S.
: from Canada don't go through Customs, and stand a good chance of not
: being intercepted, doesn't change the law.

Well unfortunately, the TDDRA is doing a lousy job of preventing them...
[very sarcastically said]

The U.S. Customs are NOT RF specialists, as such, they do not know the
difference between a computer peripheral and a radio receiver. They do
not need to know. FCC Form 740 is for importing for personal use ANY
non-certified device. Let me repeat, the form that customs requires is
FCC form 740 for ANY NON-CERTIFIED DEVICE.

The TDDRA is very specific that the FCC can not approve receivers capable
of receiving cellular frequencies or is easily modifiable to do so.

Guess that means these scanners are NON-CERTIFIED. They meet the U.S.
Customs requirements as a device that has no FCC CERTIFICATION. This
means they NEED FCC FORM 740 FOR ENTRY. If it is there, they could care
less what it can do, it PASSES. Simple. There is NO listing of what is
acceptable or not acceptable, and on equipment which is NOT APPROVED by
the FCC, there is no means a person in the U.S. could see or inspect the
unit OR its CAPABILITIES. Therefore, these units WILL go through customs
if form 740 is properly completed. Nothing will prevent it.

Personally, I could care less about the "law", and will ignore it anytime
I wish to.

If you want to get specific, it says "manufacture or importation for use
in the U.S." or something to the same affect/meaning. Since a person could
be purchasing/importing for USE when OUTSIDE the U.S., and only will be
possessing it IN the U.S., not necessarily USING it in the U.S., there is
a large gaping hole available should it ever be needed.

Since you are obviously pro-cellular ban, I'll be listening next time you
use your cell-fone!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net |----------------------------
GEnie: s.bradley6@genie.geis.com | Don't you think it's about
CompuServe: 73232.505@compuserve.com | time we FIRED the Federal

America Online: sgbradley@aol.com | Communications Commission?

4398. Re: Priority Channel

Newsgroup: rec.radio.scanner
Date: 1994-05-31 03:23:06 UTC
From: skiingcal@aol.com
Message-ID: <2seaiq$r6@search01.news.aol.com>
Source record: 273752

In article <ce.4723.696.0NCCBBD2@vidgame.com>,
tom.lackamp@vidgame.com (Tom Lackamp) writes:

Tom,

Thank You for the information concerning the Priority Channel. I
agree, I don't use this feature mainly because of the annoying sound
it makes. Other than that, I really enjoy my Pro-2006.

4399. Re: PRO-2006 hum -- normal?

Newsgroup: rec.radio.scanner
Date: 1994-05-31 04:57:12 UTC
From: thomas@venice.sedd.trw.com
Message-ID: <1994May31.045712.16847@venice.sedd.trw.com>
Source record: 273753

In article <9405300400175405@tcfarm.com> john.jewkes@tcfarm.com (John Jewkes) writes:
>no sir, that's not normal. You should contact whatever company you
>purchased it from. It generally indicates something wrong in the audio
>output filter circuit to get an AC hum from the speaker. The fact that
>it is audible when unit is off indicates it might be dangerous, I.E.:
>catch fire!
>

Sorry I missed the start of this thread, but I think this may have
something to do with transformer hum in a Pro-2006, right? A common
problem, at least it appears that way from the number of times it
crops up here.

Don't be too worried, it's just the transformer humming, a common problem
as the unit ages. (It still hums when turned off because the switch is
after the transformer!)

The best solution if the scanner is out of warrantee is to use a 12 volt
wall-wart and leave the AC cord unplugged. This has the added benefit
of reducing overall power dissipation so that the scanner stays cooler.

Rob

My opinions, not my company's.

4400. Wanted : quartz oscillators source

Newsgroup: rec.radio.scanner
Date: 1994-05-31 05:24:57 UTC
From: goldberp@iia.org
Message-ID: <2sehn9$2u5@ankh.iia.org>
Source record: 273754

I'd like to order quartz oscillator of given freq.
PLEASE anyone who knows phone of mail order on radio components or other source, let me know by mail (goldberp@iia.org)! Thankful in advance.
Peter

4401. Pro-2004 Repair Help

Newsgroup: rec.radio.scanner
Date: 1994-05-31 07:27:35 UTC
From: ksmith@theodolite.ae.calpoly.edu
Message-ID: <2seot7$rj3@babyblue.cs.yale.edu>
Source record: 273756
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc

My Realistic Pro-2004 scanner has a sticky key. It looks like something has indented the number 6 key, causing it to stay pressed intermittantly. I've removed the screws that hold the PC board in place which contain the keys, but I'm still unable to remove the board. Does anyone know if this is glued to the membrane face, or if it's attached some other way? I'm thinking if I can get behind the membrane front, I can iron out the indentation of the keypad and fix the problem. The service manual has been of no help in this regard.

Reply via this board or email, I'll read (and much appreciate) either!

Thanks,
Kirk J. Smith (KD6RCT)

4402. Re: Which Scanner should I buy?

Newsgroup: rec.radio.scanner
Date: 1994-05-31 07:33:35 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May31.073335.892@hpcvaac.cv.hp.com>
Source record: 273758

houttuin@rare.nl (Jeroen Houttuin) writes:
: In article <1994May26.175908.1428@arrl.org> Jim Kearman,
: jkearman@arrl.org writes:
: >You want a Yupiteru MVT-7100. Unfortunately, it's illegal to
: >bring one into the US. Good luck.
:
: Does that count for me as a toursit as well?

Jim, I believe, is misinformed. It is illegal to import them for sale - that is absolutely true. However, I did not see anything in the law prohibiting you bringing in your own - for personal use.

4403. Re: are ALL cellullar phone monitorings illegal?

Newsgroup: rec.radio.scanner
Date: 1994-05-31 07:37:21 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May31.073721.969@hpcvaac.cv.hp.com>
Source record: 273759

Bud_Jamison@f1010.n202.z1.fidonet.org writes:
:
: Its illegal to INTENTIONALLY listen to a cellphone conversation, no
: matter WHERE you hear it. And besides, ALL cellphones work on ALL
: assigned freqs (between 869 and 894 mhz for the base end, 824-847 mhz
: mobiles), you don't have any freqs that are assigned to different
: manufacturers cellphones.

Hm. This does not seem to be too clear. It is illegal to listen to
the cellular band. Whether listening to images is also illegal is
another matter.

Bill

4404. Re: PRO-2006 hum -- normal?

Newsgroup: rec.radio.scanner
Date: 1994-05-31 07:45:51 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994May31.074551.1047@hpcvaac.cv.hp.com>
Source record: 273760

john.jewkes@tcfarm.com (John Jewkes) writes:
: no sir, that's not normal. You should contact whatever company you
: purchased it from. It generally indicates something wrong in the audio
: output filter circuit to get an AC hum from the speaker. The fact that
: it is audible when unit is off indicates it might be dangerous, I.E.:
: catch fire!
:
: please do not use it on AC until it is repaired.
: JOHN JEWKES, OHSU SAFETY TEAM MEMBER

Sorry, John. You are incorrect.

Just about all PRO-2006 scanners have a hum, while they are plugged in.
Apparently, there is power through the transformer, even with the radio
turned off. It is normal, and there is nothing to worry about.

Bill

4405. Re: NY State Trooper's Freq along I87 and I84

Newsgroup: rec.radio.scanner
Date: 1994-05-31 11:53:28 UTC
From: quacker@ibm.com
Message-ID: <2sf8fo$evh@locutus.rchland.ibm.com>
Source record: 273757
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In <CqMvvM.84C@nntpa.cb.att.com>, shc@mt747.mt.att.com (14035-S.CHU(MT5712)XXXX) writes:
>I will be visiting some folks in the Poughkeepsie area this weekend and
>like to get the freq for the NYS Trooper along I87 (NY Thruway) and
>I84 along the Newburgh area. I'll be coming up from Rt 17 in North
>Jersey and pick up 87. It will be helpful also if anyone has the
>Wappingers Fall and Poughkeepsie Police's freq too. I didn't have a
>chance to get hold of a copy of NY state's Police Call. This will be
>the first time I'm traveling with my PRO-43 and really like to see if
>I can pick up things outside my area.
>
>Just like to know where there are along the way...
>
>Thanks in advance
>===
>Stephen Chu
>AT&T Bell Labs
>Holmdel, New Jersey USA Email: shc@mt747.att.com
>===

New York State Thruway Frequencies are 453.425 and 453.525 alternated along the entire Thruway. These are repeaters. Input (Mobile) is 5 mhz higher. The Thruway Authority now patrols I-84 as well, so the same frequencies apply.

Other frequencies of interest:
155.565 NY State Police. Used for Air Surveilance/Radar
154.665 NY State Police car to car
155.505 NY State Police, Troop K barracks (Dutchess County)
155.920 NY State Police. Troop K Cars (Dutchess County)
460.025 Town of Poughkeepsie Police Dept.
39.040 Dutchess County Sheriff
158.850 Wappingers Falls Police Dept.
156.045 Mid Hudson Bridge Authority (Newburgh/Beacon Bridge)

Keep in mind that New York State Law does not permit installation of a scanner capable of receiving police frequencies in a motor vehicle. Happy Monitoring.

Rich

4406. Re: FCC Databases for NY and L.I.

Newsgroup: rec.radio.scanner
Date: 1994-05-31 11:55:04 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.257.000BEB54@ccm.hf.intel.com>
Source record: 273770

In article <2s5mic$7tv@rebecca.albany.edu> rp4541@albnyvms.bitnet (WELCOME TO TACO BELL) writes:

>I have seen the FCC databases for California. Are there any for New York?

Yes, you can get the FCC databaes for any state from Grove, ScanWare, PERCON and others. The CA database is the only one I have seen on the Internet. In other words the NY database is not on the Internet.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4407. Re: Secret Service!

Newsgroup: rec.radio.scanner
Date: 1994-05-31 12:17:46 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.258.000C4C29@ccm.hf.intel.com>
Source record: 273693

In article <CqHGG4.H0s@mv.mv.com> hightech@mv.mv.com (HighTech) writes:
>Any help on other possible frequencies will be appreciated.

Here is a listing of freqs from a variety of sources (some reliable, some not)
This should keep you busy for a while :-)

SECRET SERVICE
32.2300 -A- WHCA VANS
46.7000 USMC HELO
46.7500 USMC HELO
46.8000 USMC HELO
122.8500 USMC HELO
162.3750 .
162.6875 -Y- PHONE PATCH UPLINK
163.0000 .
163.3625 .
163.4000 .
163.7750 .
163.8125 .
163.9125 .
164.1000 -V- PROTECTION
164.4000 -P-
164.6500 -T- PROTECTION
164.7500 .
164.8000 .
164.8500 .
164.8875 -O-
165.0875 .
165.2125 -M-
165.2875 .
165.3375 .
165.3750 -C- NATIONAL PRIMARY
165.5125 .
165.6500 .
165.6750 .
165.6875 .
165.7625 -G- INPUT TO -C-
165.7875 -B-
165.8500 .
165.8625 .
165.9000 .
165.9125 .
166.2000 .
166.2125 -H- PROTECTION
166.3750 .

166.4000 -R- INPUT TO -X-
166.4625 -X- TREASURY COMMON
166.4875 .
166.5125 -A-S-ESCORT & SECURITY
166.6125 .
166.6375 .
166.7000 -Q- WHCA STAFF
167.0250 -N- -W- WHCA STAFF
167.8250 -K- WHCA STAFF
168.2200 .
168.4000 .
168.4500 .
168.5750 .
168.7875 -L- WHCA STAFF
169.8500 .
169.9250 -D-
170.0000 -J-
171.2875 -Z- PHONE PATCH DWNLNK
361.6000 .
406.4250 .
407.6750 WHITE
407.7500 GRAY
407.8250 .
407.8500 -E- PHONE PATCH UPLINK
407.8750 .
407.9250 -I-
407.9500 .
414.6750 YELLOW WHCA
414.8500 BROWN
414.9500 ORANGE
415.6500 BROWN
415.6750 BLACK
415.7000 -F- PHONE PATCH DWNLNK
415.7250 .
415.8750 VIOLET
415.9750 RED
417.7500 .
419.7250 .

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4408. Re: I want to buy a Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-31 12:35:13 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.259.000C969F@ccm.hf.intel.com>
Source record: 273676

In article <770116900@f747.n115.z1> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
writes:
> TMS> I am looking to buy a scanner in the near future, and would like the
> TMS> phone number or recomendations of where to go to purchase one. I want
> TMS> to stay away from radio shack because I have not been pleased with
> TMS> their quality. Please e-mail me with this info soon. I have heard
> TMS> of a place called scanner world that has a catalog that you can order
> TMS> them trough. I would also like some info on this as well.

> Hi, Todd...
> You're kidding on RS quality scanners, aren't you? I have a 2004 and
>2006 which are both excellent receivers with no problems. The scanners are
>actually made by GRE of Japan. Don't sell them short. There are bad ones
>out there, mostly made by AOR.

Keep in mind that until the 2004 came out, RS scanners were pretty bad -both
by design and manufacturing. RS now has good desgns (thanks to GRE), but the
manufacturing is still hit and miss. Out of the 4 RS scanners I have owned,
only one has not given me some type of problem. QC on the 200x series seems
to be better than many other models (although my 2005 has been slowly going
deaf since I bought it in 1989 - most freqs above 800 Mhz don't come in well
any more).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4409. Maryland Frequencies I'm looking for frequencies in the Silver Spring and Rockville,

Newsgroup: rec.radio.scanner
Date: 1994-05-31 13:24:09 UTC
From: g4430f18@g4430f18.esr.hp.com
Message-ID: <2sfdpp$7qq@a4430ux.esr.hp.com>
Source record: 273763

MD area. Does anyone know of an FTP site where I can find some of
these. Or, does anyone have any of these available. What I'm
really looking for is mostly emergency info (Police, Fire, Ambulance).
Thanks in advance for any help.

Byron Holston (email: byronh@a4430ux.esr.hp.com)
Hewlett Packard Company
"One of these things is not like the others!"

4410. Re: Freeway Video Cameras (Houston)

Newsgroup: rec.radio.scanner
Date: 1994-05-31 13:41:03 UTC
From: dkrauss@netcom.com
Message-ID: <dkraussCqo60F.FLt@netcom.com>
Source record: 273762

: In DC, these cameras are al over the place. For the morning/evening
: newscasts, you can see the images from these cameras. They monitor rush
: hour congestion. As far as I can tell, they are live video, B/W. I have
: no idea how the video signal is transmitted.

: Anyway, stay tuned to local news when the system is up and running.

The DC cameras are transmiited to a traffic operations center located
on Lessburg Pike, next to the State Police behind the Pentagon. They
are currently sent via coax for the most part, with a few down at the
WW bridge on fiber tied to the coax. New cameras being installed on I-66
outside the Beltway will return via fiber all the way to the ops center.
I know this because I just finished the design for it!

--
dkrauss@netcom.com

4411. New Kid wants advice...

Newsgroup: rec.radio.scanner
Date: 1994-05-31 14:20:28 UTC
From: nstrauss@netmare.corp.sgi.com
Message-ID: <Cqo7u5.HJr@odin.corp.sgi.com>
Source record: 273766

No, not that kind of New Kid...

:-)

I'm interested in this whole scanning thing, sounds like
the sort of vicarious fun that makes up most of my life.

So what I'm after is a bit of advice on hardware. I was
thinking that a portable unit might be easier for me, since
I tend to be on the road to various places a lot. But
which one? Lots o' folks seem very happy with their
Pro-43's. Any thing out there that is in the same class
that I might want to consider? And what's a reasonable
price. I assume that RadioShack isn't gonna be changing
their prices a lot from place to place.

Getting that 225-400MHz military band if a big interest of
mine.

Also (yes, I like to place un-reasonable demands on people
I haven't ever met), does any one have any good freq's in
the SF Bay Area to get me started? I live on the peninsiula,
Menlo Park area.

Thanks in advance, post or email, your choice!

--Nick

--


```
_______________________________________
\ \ _ ______ |
\ NICHOLAS STRAUSS \ / \___-=O`/|O`/__|
\ Silicon Graphics-Network Operations \_______\ / | / )
/ nstrauss@netmare.corp.sgi.com / `/-==__ _/__|/__=-|
/ pilot@leland.stanford.edu / * \ | |
/_____________________________________/ (o)
```

4412. ICOM R1 TROUBLES ???!!

Newsgroup: rec.radio.scanner
Date: 1994-05-31 15:21:01 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <2sfkkt$1hd@paperboy.gsfc.nasa.gov>
Source record: 273772

My new R1 seems to be working oddly. When it scans it skips over active channels. Adjusting the squelch doesn't solve my problem. If I directly dial in a channel it does pick up the strong active signal, but if I scan over the freqs the scanner just goes right over it. Any reasons ??

Let me add that it does pick up some channels sometimes, but it seems to be skipping active channels alot of the time.

Any help would be appreciated.

4413. Re: Frequency counter recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-05-31 15:47:19 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.260.000FCA56@ccm.hf.intel.com>
Source record: 273639

In article <1994May27.221543.2395@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
>Radio Shack 22-305 $100
>Optoelectronics 3300 $130
>Startek 1350 $130 list

>I notice the Opto has a hold button while the RS doesn't. Not sure about the
>Startek. My intuition tells me this could be worth the extra $'s. Any
>comments?

If the hold button is the only thing stopping you from buying the RS model,
there is a fairly easy mod (does require soldering) to add a hold button.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4414. Re: Trunking - Why not just...

Newsgroup: rec.radio.scanner
Date: 1994-05-31 15:52:09 UTC
From: tdtay@chevron.com
Message-ID: <tdtay.10.2DEB5D23@chevron.com>
Source record: 273768

In article <hpeach.110.000C57D6@ca.uky.edu> hpeach@ca.uky.edu (Harold G. Peach Jr.) writes:

>Well, trunking has finally come to one of our local police agencies. They are >using a GE 5-channel system with phone patch capabilities. The first two >weeks of operation it was easy to keep up with them, but now they have >introduced an buzzing transmission that moves around on the inactive >frequencies every few seconds to mess up scanners.

This is one of the "nice" features that the GE system has to discourage scanner users. From a trunked system design point of view, I think it is a good idea.

>So now the question:

> What is to keep someone from just going out and buying a GE trunked radio >and programming it to the proper frequencies?

We use Motorola instead of GE. In order to program a Motorola radio on a trunked system, you must have a "key file" that gives your programming software access to the system ID of the trunked system you want to put a radio on. Also, our Smartnet II system has a feature called talk group affiliation. Every time someone turns on a radio or changes "channels", it is recorded by the central controller and logged in the system monitoring PC. An invalid ID on a radio would show up as a red flag. Since you have to have an ID to "see" that trunked system, and we only allow IDs that we've turned on, we would log any strange IDs that showed up.

If we wanted to, we could use our SIMS controller (this shows who is on the system, etc.) to disable the mystery ID. An inhibit bit is activated in the offending radio and it will go to "sleep". The only way to "wake" the radio back up is to turn it own within range of the system that killed it and have it reactivated. The service software can not reactivate the radio. This is an effective way to disable lost/stolen radios to keep a) someone from listening to your system, and b) dramatically reduce the market value of radios that someone might try to re-sale.

> Are there radio shops that will setup a trunked radio for RX only on a >given set of frequencies - no questions asked?

They could be risking their dealership, not to mention opening up a mess of possible legal action. From the adds in the radio trade publications, Motorola is actively enforcing their copyrights and patents.

> Is the documentation available to do this yourself? If so, where?
> If you want to listen to all talk groups, do you have to know the talk >group numbers being used by the agency or is there some number you can enter

>that opens up the radio to all talk groups?

You need to know the fleet mapping of the system you are using. This determines the talk group numbers, to some extent. With something like 4000+ talk groups on a Type II Motorola system, it could take a while to "guess" the talk group.

>P.S. A local friend/radio shop owner tells us he does not believe trunking
>has a long-term future. He says that both Motorola and GE systems have had a
>lot of problems (some deadly) and he thinks some of the more spectrum
>efficient modes coming out will win out over trunking in a few years.

I think there will be some improvements in the existing technology (i.e. digital) but the "trunking" concept itself appears to be fairly sound. Motorola has something like a 90% market share in the public safety sector, with GE playing catch up (their new systems have some neat features). Nextel is building out a nationwide digital system using Motorola's newest trunking technology. With backers like MCI, Motorola, NTT, and a major cable company (Comcast, I think), they must be doing something right.

>(BTW, he will not program a trunked radio for us.
>As a radio dealer, he feels doing so for persons other than the licensee is
>unethical. I don't agree, but it is his shop.)

Good for him. Hope he stays in business for a long time and earns a nice living.

>---
>Harold
>hpeach@ca.uky.edu

/ David S. Taylor Texas A&M '87 Engineer, RF Systems /
/ Chevron Information Technology Co. Base Technology Dept. /
/ 1300 South Beach Blvd. Rm 2187 dtay@chevron.com /
/ La Habra, CA 90631 310-694-7280 /
/ /
/ If you want truly to understand something, try to change it." /
/ - Kurt Lewin - /

4415. Re: WANTED: BC200XLT docs

Newsgroup: rec.radio.scanner
Date: 1994-05-31 17:06:10 UTC
From: scrooge@moneybin.equinox.gen.nz
Message-ID: <Zk77mc4w165w@moneybin.equinox.gen.nz>
Source record: 273755

mike@Hopper.itc.Virginia.EDU (Mike Chapman) writes:

> >> I would really appreciate some scanned or typed BC200XLT docs if anyone
> >> can provide them or pointers to them. Thanks!
>
> That'd really be a copyright violation. Not that I care, but most sites
> would probably refuse to have it around. I'll look for copyright
> notices in the manual when I get one.

If not post, then I'd really appreciate an email.

Thanks,
Glenn.

Glenn Murphy. +64 3 3811862. 1 Traynor Lane
Avonside
Christchurch 8006
New Zealand.

4416. Phone Freq.

Newsgroup: rec.radio.scanner
Date: 1994-05-31 17:20:38 UTC
From: gt3111c@prism.gatech.edu
Message-ID: <2sfrl6$d2k@acmex.gatech.edu>
Source record: 273767

Could someone tell me if listening to cordless phones is illegal.
What are the frequencies for cordless phones? (I am not refering to cellular)

If anyone happens to know any good frequencies for Atlanta, could you
please Email them to me, thank you very much.

--
P. Oscar Boykin | I am going to help Emily
Georgia Institute of Technology | with that list thing
Internet: gt3111c@prism.gatech.edu | or something.

4417. What are these freq's.?

Newsgroup: rec.radio.scanner
Date: 1994-05-31 17:21:14 UTC
From: amike@maniac.med.miami.edu
Message-ID: <2sfrma$joc@miasun.med.miami.edu>
Source record: 273761

Hi all:

I picked up a pro-55 with the following
crystals and was wondering what they
were used for.

1. 156.21 2. 155.415
3. 158.745 4. 154.160
5. 154.650 6. 39.46
7. 158.790 8. 10.595
9. 10.140 10. 37.850

Also next to the crystals there is
a switch for each crystal with a choice
of (low, high, uhf).

Any help would be appreciated,

Mike A.
alicea@npf.med.miami.edu

4418. Re: Antenna splitter

Newsgroup: rec.radio.scanner
Date: 1994-05-31 17:57:58 UTC
From: dan@chinook.halcyon.com
Message-ID: <2sftr6$d1c@nwfocus.wa.com>
Source record: 273687

In article <brett_miller.250.0008F245@ccm.hf.intel.com>,
>A CB antenna will probably work fine for most frequencies. Don't expect to
>pull in weak signals with it, but for around town, it will work fine. I'm
>note sure I understand your implementation, but don't hook the Scanner and the
>CB to the same antenna at the same time! If you transmit like this, you will
>probably blow the front end of your scanner.

I'll second that! The previous owner of my pro2004 did that. I got it
for $25.00!!!

PS. Anyone have a 2004 to sell that is dead but has a good linear board
:)
--
dan@halcyon.com
Dan & Amy Lawrence
Seattle, WA USA

4419. Re: Cellular Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-05-31 17:58:58 UTC
From: slegrand@netcom.com
Message-ID: <slegrandCqoHyB.MJ9@netcom.com>
Source record: 273695

Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) wrote:
: -=> Quoting Andy Domonkos to All <=-

: AD> Does anyone know what the cellular frequency channel allocations are?
: AD> I have the range but not broken down by channel allocations. Thanks.

: Andy...
: Cellular freqs are between 869 and 894 Mhz, in 30 Khz steps. So, avoid
: these frequencies as it is unlawful in the U.S. <g>

: Jerry
:

I also hear cellular phones on about 1269 to 1280 MHz here in San
Diego (23 cm Amateur Band). Is this due to repeaters? Or is this some
form of an overflow system used by PacTel?

--
****
* Shawn P. Legrand * The scientist does not study nature *
* Sr. Systems Programmer * because it is useful; he studies it *
* ICW * because he delights in it, and he *
* (619)-546-2457 * delights in it because it is beautiful. *
* INTERNET: slegrand@netcom.com * - Henri Poincare *
* IBMMAIL: USICWSPI * *
****

4420. Re: Seattle Freqs needed.

Newsgroup: rec.radio.scanner
Date: 1994-05-31 18:09:41 UTC
From: dan@chinook.halcyon.com
Message-ID: <2sfuh5$dku@nwfocus.wa.com>
Source record: 273688

In article <13@rims.rims.com>,
Michael A. Carpenter <mcarp@rims.com@rims.rims.com> wrote:
>I just found out that I am going to Seattle on Monday May 30th. I
>would love to find some of the frequencies for the area. I would
>really like any Boeing and mil. frequencies, but all would be
>appreciated.

I guess I am 1 day late. Let me know if still need them. I don't have
anything military, but I should be able to pull Boeing out of the lists.
Also try calling the Radio Scanner BBS in Seattle at (206) 483-8562.
--
dan@halcyon.com
Dan & Amy Lawrence
Seattle, WA USA

4421. Chicago D-Day

Newsgroup: rec.radio.scanner
Date: 1994-05-31 19:59:49 UTC
From: johng@ecs.comm.mot.com
Message-ID: <johng-310594145949@johng.comm.mot.com>
Source record: 273722

Does anybody know what freqs will be used for the D-Day reenactment at Montrose beach in Chicago next Saturday? I am especially interested in the freqs of the militiary vehicles, ships and aircraft.

--
John Gilbert johng@ecs.comm.mot.com KA4JMC

4422. Re: ICOM R1 TROUBLES ???!!

Newsgroup: rec.radio.scanner
Date: 1994-05-31 20:04:28 UTC
From: dfmayes@gdwest.gd.com
Message-ID: <2sg58c$goo@gdwest.gd.com>
Source record: 273765

In article <2sfkkt$1hd@paperboy.gsfc.nasa.gov>,
Reider. Richard 286-6457 <reider@acrux.GSFC.NASA.GOV> wrote:
>My new R1 seems to be working oddly. When it scans it

You did not mention if this is in "memory" mode or "VFO"
mode. If you have "skip-scan" enabled, channels will be
skipped in a VFO scan if you have them stored as such in
the skip channels (70-90?). You may have inadvertently
stored some skip channels. The only reason channels will
be skipped in "memory" mode is if they are masked, but
you would have surely noticed this, since masking causes
the display of the channel to blank.

--
dfmayes@gdwest.gd.com

4423. PRO-46 Hint; Any others available?

Newsgroup: rec.radio.scanner
Date: 1994-05-31 20:34:33 UTC
From: moy@xp.psych.nyu.edu
Message-ID: <9405312038.AA04950@xp.psych.nyu.edu>
Source record: 273707

Netters:

Is there an archive of undocumented features or helpful hints for
operating (not modifying) various scanning receivers?

I discovered the following while playing with my newly-acquired PRO-46
(forgive me if this is something that people already know!):

To directly enter and listen to a frequency *without* first
programming a channel:

Squelch fully counter-clockwise
press MANUAL
enter frequency (do not press ENTER)
press UP or DOWN (press again to "single-step")
If you decide you want to save frequency, press MONITOR.

Later, you can assign the desired "monitor" frequency to a "channel" as
described in the manual.

Similarly, to scan from a keyboard-entered frequency *without* first
programming upper/lower limits or calling up a channel number, follow
the steps above, but use a normal squelch setting. Turn on DELAY for
this scanning mode.

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

4424. Re: Trunking - Why not just...

Newsgroup: rec.radio.scanner
Date: 1994-05-31 20:39:52 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994May31.203952.24240@rsg1.er.usgs.gov>
Source record: 273711

In article <tdtay.10.2DEB5D23@chevron.com>, tdtay@chevron.com (David S. Taylor) writes:
|> In article <hpeach.110.000C57D6@ca.uky.edu> hpeach@ca.uky.edu (Harold G. Peach Jr.) writes:
|>
|> > Are there radio shops that will setup a trunked radio for RX only on a
|> >given set of frequencies - no questions asked?
|>
|> They could be risking their dealership, not to mention opening up a mess of
|> possible legal action. From the adds in the radio trade publications,
|> Motorola is actively enforcing their copyrights and patents.
|>

I have heard of communities that will allow you to buy or lease the radios and then have them programmed for receive-only for particular services if you are granted a permit. Permits may be granted to the press or to handicapped individuals (such as the blind) who may have valid safety concerns that might be addressed by monitoring the fire channel. In the case of the press, the system can issue commands to put those radios to sleep if there is something going on that they don't want monitored. Volunteer police, civil defense and fire workers are usually allowed access for monitoring in their car or at home. If you have a valid reason, approach your public service officials about it. Another valid user may be neighborhood watch groups.

I would like to see this concept carried through to licensing of citizens in general if you fit certain criteria (such as no recent criminal history, you are a registered voter, etc). The privelege could be revoked instantly if needed.

--
+++
+ Tom Bodoh - Section Manager, Systems Engineering and Management, Hughes STX +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) Amateur radio call; N0YGT +
+ "Welcome back my friends to the show that never ends!" EL&P +
+++

4425. Alternate MVT-7100 AC supply

Newsgroup: rec.radio.scanner
Date: 1994-05-31 20:57:11 UTC
From: ces@alsun2
Message-ID: <Cqoq7D.DHu@nntpa.cb.att.com>
Source record: 273720

Here's my two cents:

I have been using an Icom BC-74A supply/charger for my 7100 for over a month now. The voltage, jack size and polarity all seem to match, and I have noticed only the slightest warmth from the yupi -- both when charging and when running -- unlike what many folks seem to be reporting.

Of course, your mileage may vary...

Clay_Schneider@att.com

The opinions expressed are strictly my own -- who'd want them anyway?

4426. Re: re:pro-43

Newsgroup: rec.radio.scanner
Date: 1994-05-31 21:10:47 UTC
From: ward@vnet.ibm.com
Message-ID: <2sg94n$2l3h@postoffice.manassas.ibm.com>
Source record: 273719

In <9405280908.AA140184@f217.n202.z1.fidonet.org>, Bud_Jamison@f1010.n202.z1.fidonet.org writes:
ajkljfkl;ajs klasjfkljaskldf809^%)&^7890&@$#

4427. Re: Pro43/BC2500xlt

Newsgroup: rec.radio.scanner
Date: 1994-05-31 21:38:30 UTC
From: hayden@krypton.mankato.msus.edu
Message-ID: <1994May31.163830.6643@vax1.mankato.msus.edu>
Source record: 273709

I've got a BC2500 and it seems to work great. No complaints or problems.

--
____ Robert A. Hayden <=> hayden@krypton.mankato.msus.edu
\ /__ -=-=-=-=- <=> -=-=-=-=-
\/ / Finger for Geek Code Info <=> I do not necessarily speak for the
\/ Finger for PGP Public Key <=> City of Mankato or Blue Earth County
-=-=-=-=-=-=-=-
(GEEK CODE 1.0.1) GAT d- -p+(---) c++(++++) l++ u++ e+/* m++(*)@ s-/++
n-(---) h+(*) f+ g+ w++ t++ r++ y+(*)

4428. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-05-31 21:52:55 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2sgbjn$3uj@slinky.cs.nyu.edu>
Source record: 273774

There was one very important time that my scanner
came into assistance while dealing with the police.

I became very sick within a few short hours and needed
to get a squad out to my house. I dialed 911, which
was followed by ringing and then silence. I tried to
hang up and try again, but I couldn't get a dialtone for
about four minutes.

I was very tired from vomiting and was breathing heavy
into the phone. I decided to turn on my scanner, when
I heard "he's still breathing! I can still hear the
breathing units!" followed by acks. I said into the
silence, "I cannot hear you! But I can hear you over
my police band radio. If you can hear me, please transmit
to your units!" That was followed by "I've established
contact, units. I can hear him, but he can't hear me. He is
monitoring our transmissions, though" over the air.

The phone company provided a bad trace and as I looked
out the window, five police cars surrounded my neighbor's
house and doused it with lights. I told the dispatcher
I was down one and he transmitted the same.

When the first officer came in, he asked me why I didn't
answer the dispatcher when he answered the phone. I
told him about the silence. He picked up the phone, heard
the silence, and said [in a very snide voice, and after asking me
if I had electricity because the lights were out when he
arrived] "you don't have any phone service, whaddaryou talking
about?"

Yeah, whatever, [bud]. (aka not a literal translation)
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

4429. Re: New Kid wants advice...

Newsgroup: rec.radio.scanner
Date: 1994-05-31 21:55:03 UTC
From: ericd@pacifier.rain.com
Message-ID: <Cqosvs.BMq@pacifier.rain.com>
Source record: 273638

Nicholas Strauss (nstrauss@netmare.corp.sgi.com) wrote:
--> So what I'm after is a bit of advice on hardware. I was
--> thinking that a portable unit might be easier for me, since
--> I tend to be on the road to various places a lot. But
--> which one? Lots o' folks seem very happy with their
--> Pro-43's. Any thing out there that is in the same class
--> that I might want to consider? And what's a reasonable
--> price. I assume that RadioShack isn't gonna be changing
--> their prices a lot from place to place.
--> Getting that 225-400MHz military band if a big interest of
--> mine.
--> Also (yes, I like to place un-reasonable demands on people
--> I haven't ever met), does any one have any good freq's in
--> the SF Bay Area to get me started? I live on the peninsiula,
--> Menlo Park area.
--> Thanks in advance, post or email, your choice!

Can't Really help you on the HardWare side of it. (I only own a
pro-46, and it doesn't have 225-400 Military.) As for the FREQ's, try
getting either Police Call or a book called "Gary's FCC Frequency
Almanac". THIS book is the be-all and end-all of scanning lists. They
break down all of the FCC listings into a state wide book, then split it
up by county, then city. VERY DETAILED! Has everything from
Police-Fire-Local Goverment to Taxi, T.V. Station (for remotes), power
companys and Trunked 800 services (With who they are assigned to!)

I've got a first Edition book with was pumped out in '92. The address
on the copyright is Bob's Publications, 706 W. 43rd Street, Vancouver,
WA. 98660. <Kinda in my neck of the woods too.>

Hope this helps...

--
------------------------------+
Eric J. Dahlquist | Vote for Ed Schermerhorn
a.k.a. ericd@pacifier.rain.com | "Tough Choices from a tough name"
| These are my opinions, so NYAH! (-:

4430. BC100XLT MODS

Newsgroup: rec.radio.scanner
Date: 1994-05-31 21:56:00 UTC
From: u086236@adpdp2.lanl.gov
Message-ID: <31MAY199414564818@adpdp2.lanl.gov>
Source record: 273596

Need mods for BC100XLT, to include Cel and 27Mhz freqs.

086236@lanl.gov
Paul Lujan
Los Alamos, NM

4431. Davis , CHP freqs

Newsgroup: rec.radio.scanner
Date: 1994-05-31 22:14:10 UTC
From: jdwong@garnacha.engr.ucdavis.edu
Message-ID: <CqotrM.DI7@ucdavis.edu>
Source record: 273626

I inherited a scanner but am clueless as what do with it.
Playing with this scanner is very boring because I do not
know any interesting frequencies.

Does anyone have any interesting frequencies like the
Davis Police Dept. or the UCD Police Dept., or the California
Highway Patrol???

4432. Re: Priority Channel

Newsgroup: rec.radio.scanner
Date: 1994-05-31 22:16:26 UTC
From: wbloss@delphi.com
Message-ID: <h+wM2XS.wbloss@delphi.com>
Source record: 273704

SKIING CAL <skiingcal@aol.com> writes:

>Thank You for the information concerning the Priority Channel. I
>agree, I don't use this feature mainly because of the annoying sound

Hi Cal...
The old heathkit scanner had a priority channel that was a separate
receiver. It only "spoke" when there was a signal on the priority.
Probably was xtal based, it was 15+ years ago!

Wally Bloss
WB0BAV

4433. Re: I want to buy a Scanner

Newsgroup: rec.radio.scanner
Date: 1994-05-31 22:19:18 UTC
From: jstanley@solar.win.net
Message-ID: <470@solar.win.net>
Source record: 273642

In article <770116900@f747.n115.z1>,
Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) writes:

> Hi, Todd...
> You're kidding on RS quality scanners, aren't you? I have a 2004 and
>2006 which are both excellent receivers with no problems. The scanners are
>actually made by GRE of Japan. Don't sell them short. There are bad ones
>out there, mostly made by AOR.

While it is true that there have been some loser AOR scanners made,
the AR3000a is not among them.

--
John Stanley (jstanley@solar.win.net)

4434. Re: NY State Trooper's Freq along I87 and I84

Newsgroup: rec.radio.scanner
Date: 1994-05-31 22:50:33 UTC
From: rpetteng@pipeline.com
Message-ID: <2sgevp$mt@pipeline.com>
Source record: 273627

shc@mt747.mt.att.com (14035-S.CHU(MT5712)XXXX) wrote:

>I will be visiting some folks in the Poughkeepsie area
>this weekend and like to get the freq for the NYS
>Trooper along I87 (NY Thruway) and I84 along the
>Newburgh area. I'll be coming up from Rt 17 in North
>Jersey and pick up 87. It will be helpful also if
>anyone has the Wappingers Fall and Poughkeepsie
>Police's freq too. I didn't have a chance to get hold
>of a copy of NY state's Police Call. This will be the
>first time I'm traveling with my PRO-43 and really like
>to see if I can pick up things outside my area.

NYS Thruway: 453.425 and 453.525 alternate along the entire
length of the NYS Thruway. Inputs are 458.425 and 458.525
(listening to the inputs will tip you off to nearby units).

F-1 for NYS Police Troop K (eastern side of the Hudson River
- covers the area you'll be visiting) is 155.505
Base/155.520 Mobile.

F-1 for Troop F (western side of the Hudson - covers the area
you'll be driving thru to/from NJ) is 155.535
Base/154.935 Mobile.

Other NYSP freqs:

F-2 154.665 Car-car
F-3 154.695 Emergency channel - bulletins/special broadcasts
F-4 155.565 Tactical
F-5 155.370 Statewide police intersystems
F-6 Tactical/surveillance - varies - try 154.845, 155.070.
F-7 155.475 Nationwide law enforcement
F-8 155.625 Data

Some banks in the state cruisers have a different channel setup
but still have all the above freqs.

Also check 42.140 for troop-troop and radar details

Poughkeepsie PD: 155.13, 155.415, 155.37, 155.475.
Wappingers Falls PD: 154.83, 155.37, 156.21, 158.85.

LifeStar medivac helicopter (based in Poughkeepsie):
155.235/.280/.340/.385/.400 plus all state/county/local public
safety and Medcom freqs.

>Just like to know where there are along the way...

Hey, it never hurts to know. :-)

Having given you all the above info. I need to tell you that mobile use of a scanner capable of receiving police freqs is illegal in New York State (without permission). In reality, though, I've never heard of them enforcing the law unless one is interferring with law enforcement activities. IOW, don't chase ambulances and don't be caught at a crime scene with a scanner in your car. I've driven in/thru New York for some 22 years with all sorts of antennas on my vehicle (from multiple mag mount antennas on my car or van to a groundplane antenna on my motorhome) and never been stopped.

Roger Pettengill - rpetteng@pipeline.com

4435. Re: Decoding Pager signals

Newsgroup: rec.radio.scanner
Date: 1994-05-31 23:38:35 UTC
From: weisen@alw.nih.gov
Message-ID: <1994May31.233835.9109@alw.nih.gov>
Source record: 273771

Joseph Jesson (joe@netcom.com) wrote:

: Pager formats are either Golay or Pocsag at 600bps and 512/1200 bps.
: This is most of the formats however Flex is being introduced at 6400bps.

Golay sends the address at 300 baud and the message data at 600 baud.
POCSAG has been run at 512, 1200, and (I believe) 2400 baud. I'm wondering
if that 6400 number for Flex is a typo and should be 2400, too.

: Started to write a pager decoder for a pc (serial port). The
: pager address, or CAP code, is programmed into the pager.

: --Joe

This should require tapping into the scanner circuitry. You're receiving
FSK signals (unless your picking up a link frequency between the paging
terminal and paging transmitter). If you're writing code to decode the
pager data already, then you're probably way ahead of me.

Someone asked what FSK was. FSK stands for Frequency Shift Keying. In
order to represent 1's and 0's, the carrier is shifted to either of two
frequencies around the center frequency. One represents a 1 and the other
represents a 0. Pagers use a two-state NRZ-FSK like I described. The NRZ
(non-return to zero) means that the transmitter doesn't return the carrier
to the center frequency between "bits". This would provide synchronization
information that, in an NRZ system, must be obtained in other ways. POCSAG
sends a preamble before a transmission that is used to provide bit
synchronization (as well as to allow the pagers to sleep and prolong battery
life).

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: +1 301 402 4030
Bethesda, MD 20892 Fax: +1 301 402 2867

4436. ATC Frequencies in Ottawa

Newsgroup: rec.radio.scanner
Date: 1994-05-31 23:39:04 UTC
From: g4dpz@cix.compulink.co.uk
Message-ID: <Cqoxp4.BtD@cix.compulink.co.uk>
Source record: 273646

I should appreciate it if someone could let me have the ATC frequencies
for Ottawa airport.

TIA

- dave johnson

4437. Please rate this Scanner.

Newsgroup: rec.radio.scanner
Date: 1994-05-31 23:53:48 UTC
From: amike@maniac.med.miami.edu
Message-ID: <2sgimc$l81@miasun.med.miami.edu>
Source record: 273675

Hi:

Can someone tell me a bit abouth this scanner.
I'm considering it.

Uniden Bearcat Hand Held 200-Channel
Synthesized Programmable Scanner

Txs,

Mike A.
alicea@npf.med.miami.edu

4438. Re: Secret Service!

Newsgroup: rec.radio.scanner
Date: 1994-05-31 23:55:06 UTC
From: weisen@alw.nih.gov
Message-ID: <1994May31.235506.9417@alw.nih.gov>
Source record: 273773

HighTech (hightech@mv.mv.com) wrote:
: That last message seems to been truncated.....

: The she....was the Turkish Prime Minister.....just in for a little shopping.

I doubt that was the Secret Service, then. Protecting visiting dignitaries
from other countries is done by a branch of the State Department (something
like Department of State Protective Services, but I don't remember the real
name). The SS is supposed to be for protecting *our* people.

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: +1 301 402 4030
Bethesda, MD 20892 Fax: +1 301 402 2867

4439. Re: Indy 500 Freqs HERE!

Newsgroup: rec.radio.scanner
Date: 1994-06-01 00:27:49 UTC
From: albert@sc.hp.com
Message-ID: <2sgkm5$n3k@hpscit.sc.hp.com>
Source record: 273721

Kristine Duffy (kd282s328@sycom.mi.org) wrote:
> (s)=Denotes Scrambled Communications
>
> Car Driver Frequency(s)
> 1 Nigel Mansel 461.2875 468.2250
> 2 E. Fittipaldi 852.1875(s) 855.7875(s) 856.7875(s)
> 859.8375(s) 858.8375(s) 851.0375(s)
> 851.0375(s)
> 3 Paul Tracy 855.7875(s) 856.9125(s) 856.7875(s)
> 859.8375(s) 858.8375(s) 851.0375(s)
> 31 Al Uncer Jr. 854.8375(s)

Maybe this is why Al Jr. lost his radio durring the race!

Albert

4440. Re: Please rate this Scanner.

Newsgroup: rec.radio.scanner
Date: 1994-06-01 00:33:32 UTC
From: schuster@panix.com
Message-ID: <2sgl0s$lmg@panix2.panix.com>
Source record: 273636

In article <2sgimc$l81@miasun.med.miami.edu>,
Mike Alicea <amike@maniac.med.miami.edu> wrote:
>Hi:
>
>Can someone tell me a bit abouth this scanner.
>I'm considering it.
>
>Uniden Bearcat Hand Held 200-Channel
>Synthesized Programmable Scanner

Posting the model number would be helpful.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4441. Chicago Area Scanner BBS

Newsgroup: rec.radio.scanner
Date: 1994-06-01 02:22:51 UTC
From: offline@ripco.com
Message-ID: <Cqp5Az.M52@rci.ripco.com>
Source record: 273637

The RF Spectrum is still growing, they now have over 4500 radio and computer related files online, with what I understand more to come.
312-581-3850
Over 300 megs of hard disk space used (585 available, less as time passes)
1 cd rom online
Free NO CHARGE access
New users upgraded automatically within 2 hours

4442. Priority Channel

Newsgroup: rec.radio.scanner
Date: 1994-06-01 02:37:00 UTC
From: Brian.Flues@f239.n109.z1.fidonet.org
Message-ID: <285_9406010140@blkcat.fidonet.org>
Source record: 273680

SK>From: skiingcal@aol.com (SKIING CAL)
SK>Newsgroups: rec.radio.scanner
SK>Organization: America Online, Inc. (1-800-827-6364)

SK>Why can't someone design the Priority Channel on a scanner to not
SK>interupt regular scanning when nothing is on the selected channel.

Whoa, wait as far as I'm aware EVERY scanner made allows you to turn
the priority feature OFF!!

InSK>other words: Everytime I use this feature, every two seconds you
hear SK>a dropout in a conversation on another channel. This seems to
happen SK>on all scanners I've tested. Seems this was an afterthought
in SK>design. It's a useful feature but annoying as hell when using it!

patient: "Doctor it hurts when I do this" (turn priority ON)
doctor: "Vell then don't do that anymore" (turn priority OFF)

Brian
***
* SLMR 2.1a * This tagline stolen by Silly Little Mail Reader!

Fidonet: Brian Flues 1:109/239
Internet: Brian.Flues@f239.n109.z1.fidonet.org

4443. Re: 800 mhz trunking

Newsgroup: rec.radio.scanner
Date: 1994-06-01 02:51:23 UTC
From: brueger@larry.wyvern.com
Message-ID: <brueger.770439083@larry>
Source record: 273769

kenneth924@aol.com (Kenneth924) writes:

>The police in my area are going to a motorola 800 mhz trunked system.
>What would be a good scanner to be able to monitor this. I was
>considering the BC2500 or the AOR TR 1000 XLT.

Sorry to hear that your area PD is going trunked. It's a bear to monitor.
My city and employeer went trunked about a year ago. They also throw a lot
of anti-scanner devices at you to try and get you to turn off your scanner.
You might want to get with someone who has an 800mhz scanner and hear what
it sounds like.

Brian

p.s. Radio Shack Pro-43 is a very good scanner.

--

Brian J. Rueger	Hampton Division of Fire & Rescue	"Who dares win"
Medic/Firefighter	Squad-7	
Hampton, VA.	Email - brueger@infi.net	

4444. Re: Davis , CHP freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-01 03:27:27 UTC
From: ericd@pacifier.rain.com
Message-ID: <Cqp89s.62J@pacifier.rain.com>
Source record: 273717

TERMINATOR3 (jdwong@garnacha.engr.ucdavis.edu) wrote:

--> I inherited a scanner but am clueless as what do with it.
--> Playing with this scanner is very boring because I do not
--> know any interesting frequencies.
Care to share with us what KIND of scanner it it? Does it have a
key-pad on the front (like a telephone) or a display on it (like a
calculator), does it look like a walkie-talkie or does it look like it
should be on a desk. These are all important questions for people to
know what to tell you to do with it.

--> Does anyone have any interesting frequencies like the
--> Davis Police Dept. or the UCD Police Dept., or the California
--> Highway Patrol???

--
---------------------------------+
Eric J. Dahlquist | Vote for Ed Schermerhorn
a.k.a. ericd@pacifier.rain.com | "Tough Choices from a tough name"
| These are my opinions, so NYAH! (-:

4445. Wanted: Freqs for Kansas, MO

Newsgroup: rec.radio.scanner
Date: 1994-06-01 03:31:16 UTC
From: S_MCINTYRE@ELECOM2.watstar.uwaterloo.ca
Message-ID: <S_MCINTYRE.2.2DEC0103@ELECOM2.watstar.uwaterloo.ca>
Source record: 273710

I will be visiting Kansas City MO for about a week in June. Would anyone happen to have some of the local fire, ambulance and police frequencies on hand? I would love to get some monitoring in while I am down there, and any frequencies and/or frequency ranges would be greatly appreciated!

Thanks & 73 de
Scott McIntyre
VE3 FAQ

Scott McIntyre
110 Autumn Hill Cres.
Kitchener, Ontario
+1(519)571-7405

4446. Re: Trunking - Why not just...

Newsgroup: rec.radio.scanner
Date: 1994-06-01 03:55:15 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun1.035515.260@hpcvaac.cv.hp.com>
Source record: 273650

tdtay@chevron.com (David S. Taylor) writes:
:
: > Are there radio shops that will setup a trunked radio for RX only on a
: >given set of frequencies - no questions asked?
:
: They could be risking their dealership, not to mention opening up a mess of
: possible legal action. From the adds in the radio trade publications,
: Motorola is actively enforcing their copyrights and patents.

I don't see that setting a radio up for receive only is going to violate
either copyright or patent law. I suspect that such a modification would
make it illegal for transmission however, since it would no longer be type
accepted.

Bill

4447. Re: Frequency counter recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-06-01 03:55:48 UTC
From: steve@vigra.com
Message-ID: <STEVE.94May31205548@hobbes.vigra.com>
Source record: 273655
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

--=}>> On Tue, 31 May 1994 09:50:23 GMT, mndell@cs.ruu.nl (Mike Dell) said:

> In <1994May30.173135.2415@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:

>>In article <1994May27.221543.2395@hnrc.tufts.edu>, I wrote:
>>> Would anyone care to make a lower-cost frequency counter recommendation?
>>> The more affordable models seem to be
>>>
>>> Radio Shack 22-305 $100
>>> Optoelectronics 3300 $130
>>> Startek 1350 $130 list

[...]

> I've tried out several counters. The M1 with backlight is the best, the
> backlight flashes on when it locks onto a frequency. It's also the most
> sensitive counter.
> Mike

Well, according to Optoelectronics' "20th Anniversary" catalog, the
cheaper Model 3300 is more sensitive than the Model M1 in some ranges.
It surprised me too, but here is what they print:

Input Sensitivity (Typical)

Model 3300	Model M1 (50 Ohm input)
10MHz	<15mV	<5mV
27MHz	<300uV	-
150MHz	<300uV	<500uV
450MHz	<350uV	-
800MHz	<3mV	<3mV
1GHZ	<3mV	<10mV
2GHz	<25mV	-
2.4GHz	<40mV	<50mV

Of course, what they advertise and what the things can do may be two
different things. I just ordered a 3300 this morning, so we'll see..

I was surprised to find that the counters come with *no* antenna.
Also, shipping is a bit out of proportion. The salesperson originally
said $15 for UPS 3-Day, but I eventually got $6 UPS ground (I'm in no
hurry). On something the size of a deck of cards, this seems a bit
steep. I've shipped breadmaker machines UPS ground for $3.50...

-Steve

Steve Haehnichen Vigra, Inc. San Diego, CA
steve@vigra.com (619) 597-7080 x116 Fax: (619) 597-7094

4448. Mobile Radio Resources?

Newsgroup: rec.radio.scanner
Date: 1994-06-01 04:43:17 UTC
From: carmean@rain.org
Message-ID: <2sh3l5$s53@rain.org>
Source record: 273679

I found an incomplete copy of what appears to be an _excellent_ reference on California HF/VHF/UHF systems called "Government Radio Systems," by an outfit called Mobile Radio Resources. It gives very complete information about agencies, office locations, office and unit codes, repeater input and output frequencies and CTCSS (PL) tones, transmitter locations, and more. It's got a fantastic amount of detail! More than Gene Hughes' "Police Call" detail editions.

Anybody know if these folks still exist, and how to get ahold of them?

--
David L. Carmean, WB6YZM. Santa Barbara, California, USA
carmean@coyote.rain.org, usapmdlc@ibmmail.com (work-related junk)

4449. Re: Davis , CHP freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-01 04:50:03 UTC
From: skiingcal@aol.com
Message-ID: <2sh41r$krd@search01.news.aol.com>
Source record: 273677

In article <CqotrM.DI7@ucdavis.edu>, jdwong@garnacha.engr.ucdavis.edu (TERMINATOR3) writes:

Here they are:
CHP Base North 42.120
CHP Mobile North 42.200
CHP Base South 42.460
CHP Mobile Douth 42.700
CHP State Tactical 42.340
CHP State Tactical Mobile 42.180

UC Davis Police 154.8000
UCDMC Police 155.5350

4450. Re: Priority Channel

Newsgroup: rec.radio.scanner
Date: 1994-06-01 04:52:04 UTC
From: skiingcal@aol.com
Message-ID: <2sh45k$ks7@search01.news.aol.com>
Source record: 273678

In article <h+wM2XS.wbloss@delphi.com>, wbloss@delphi.com writes:

Someday, Maybe they will develop another Priority Channel like
HeathKit did.

4451. Icom R-100 Antenna Inputs.

Newsgroup: rec.radio.scanner
Date: 1994-06-01 04:57:55 UTC
From: jbeal@news.delphi.com
Message-ID: <2sh4gj$gdl@news.delphi.com>
Source record: 273657

I have a friend who has an Icom R-100 mounted in his car and has 3 antanneas on the back as there are 3 inputs on the R-100 for different bands. Does anyone know if there is some kind of "triplexer" so he can do away with 2 of the antennas? His car looks like the FBI now and he would like to clean up the appearance but still have decient reception.

Thanks in advance!!!

4452. Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-06-01 05:00:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <770485353.AA04815@rochgte.fidonet.org>
Source record: 273696

>>I'm having a hard time knowing how to refer to someone who listens
>>to scanners. What do we call ourselves?

The term in general use among those who used to listen to SCANNERAMA, as well as those who read Bill Cheek's publications, is "Scannist".

Email replies to: david.stark@rochgte.fidonet.org

4453. no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-06-01 05:04:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <770485353.AA04816@rochgte.fidonet.org>
Source record: 273697

> From: steven@sgb.oau.org (Steven Bradley)
> Organization: The Forest City Exchange, Forest City, Florida

> In any event, the ARRL was asleep on the job. I always thought that
> stood
> for Amateur Radio Relay League. I always thought that Amateurs had
> an interest in all aspects of radio equipment including all such

In actuality, ARRL stands for AMERICAN Radio Relay League. That name
would seem to give even less of an excuse for such a narrow focus.

Email replies to: david.stark@rochgte.fidonet.org

4454. Any N.Y. area BBs's or other

Newsgroup: rec.radio.scanner
Date: 1994-06-01 05:07:49 UTC
From: rp4541@albnyvms.bitnet
Message-ID: <2sh535$ndg@rebecca.albany.edu>
Source record: 273685

Are there any BBs in this area?

```
-------------------------------------------------------------------------
|Ronald Poserina Jr. | "Yea, this is Long Island. Land of Buttafouco|
|rp4541@albnyvms.bitnet | crazy car stereos, high taxes, and people with|
|Long Island, New York | funny accents. And I love it!!" |
-------------------------------------------------------------------------
```

4455. anyone actually 740 a scanner in?

Newsgroup: rec.radio.scanner
Date: 1994-06-01 05:19:38 UTC
From: clifto@indep1.chi.il.us
Message-ID: <CqpDGr.85t@indep1.chi.il.us>
Source record: 273644

With all this talk about how it should be legal etc. to get a scanner such as a Yupiteru sent in from out of the country, has anyone actually done it and received the scanner?

--
Optimists say, "The glass is half full."
Cliff Sharp Pessimists say, "It's half empty."
WA9PDM We realists say, "Before I decide,
clifto@indep1.chi.il.us tell me what's in the glass."

4456. MacDonald's Wireless Headset Freq?

Newsgroup: rec.radio.scanner
Date: 1994-06-01 06:34:19 UTC
From: dino@cam.org
Message-ID: <dino-010694013419@dino.hip.cam.org>
Source record: 273649

Does anyone know what frequency the MacDonald's wireless headsets work on?

TIA, Dino

--
"""""""""""""""""""""""
| Dino Moriello """""""""""""""""""""""
| PO BOX 105 Internet: dino@CAM.ORG """""""""""""""""""""""
| Radisson,Quebec Compuserve: 76120,1472 Tel.: 514-974-0773 |
| CANADA J0Y 2X0 Packet: VE2DM@VE2FKB 819-638-8281 |
"""

Please E-mail replies since I can't always read the USENET postings.

4457. FCC License Data Sources

Newsgroup: rec.radio.scanner
Date: 1994-06-01 07:00:17 UTC
From: bill@thd.tv.tek.com
Message-ID: <2shbm1$oa3@news.tv.tek.com>
Source record: 273681
Cross-posted to: rec.radio.scanner,rec.radio.info

[last changed 08-Apr-94]

Changes preceeded by "|". Please e-mail corrections and additions to me.

INTRODUCTION

This is a list of FCC license data sources available to scanner listeners. The FCC master contains a wealth of data about every non-government license in the United States. Most of the sources below contain a subset of this data, although a few contain all of it. Government licenses are not administered by the FCC, and the data is not available to the public.

If you are interested in purchasing the data, you might want to consider forming a co-op of people in your area to share the cost. As far as I know, this is legal since the information is in the public domain. However, most software supplied to view or manipulate the data is copyrighted and must be purchased separately by each user.

Prices are rounded to the nearest dollar and include shipping, if known.

C.E.T.

CET sells records of all stations inside a 30-mile radius for $80. (Major cities cost extra.) A 70-mile search costs $178. The data is provided on floppy disks and is available in ASCII columnar and comma-delimited formats.

CET does not provide data for licenses that do not contain specific geographic coordinates (i.e., mobile-only systems) or specific operating frequencies (e.g., amateur radio).

To do the search, CET requires the latitude and longitude of the center of the 30-mile radius. I calculated mine from a USGS topographic map I obtained at a local nautical supply store. Alternatively, you can obtain the coordinates for your town from the University of Michigan's geographic name server. Run "telnet 141.212.99.9 3000" and enter your zip code. For my area, the server returned the coordinates of the main post office.

CET can be reached at 800-445-0297.

GROVE

Grove sells FCC data on disk by state. The first state is $40, and each additional state is $30 (add $10 for CA, FL, TX). The disk comes with a database search program. Grove Enterprises can be reached at 800-438-8155.

MICROFICHE

Lee Reynolds (lee@tosspot.sv.com) has made available copies of the entire FCC master on microfiche for $75 a copy. There are three sets in all - by callsign, geographic area, and frequency - for a total of about 200 fiche. | His current set is from early 1993. E-mail Lee for more information. [As | of 8-Apr-94 the above e-mail address was not valid. If you know how to | contact Lee, please let me know.]

The Bearcat Radio Club sells the FCC master by state for $15. Bearcat Radio Club can be reached at P.O. Box 291918, Kettering OH, 45429.

PERCON

PerCon sells a variety of FCC data on CD-ROM and floppy. CD-ROMs are available by state, region, or category, and floppies are available by state. Also available is a CD-ROM of the entire US (2.5 million records). Data is updated approximately every six months.

State floppies are $35 per state. CD-ROMs are $100 each. Quantity discounts available. PerCon can be reached at 716-386-6015.

POLICE CALL

This is probably the most cost-effective source of public service license information. The detail is limited, but the information that is there is often more useful than the FCC master. For example, an entry in Police Call that reads, "Portland Police, Net 3, North Precinct," reads, "Portland, City of" in the master.

Police call is available in 9 volumes covering different regions of the US. It can be purchased at Radio Shack stores for $10 per volume.

SCANWARE ASSOCIATES

ScanWare Associates sells a PC-based database program called the FCC Frequency Retrieval System V2.0. It comes with FCC data for one state, covering all services from 10 kHz through 2036 MHz. Data is updated approximately every six months (last update was Dec. 1, 1993).

Cost is $35 for the first state and $20 for each additional state. (Add $5 for CA, FL, TX, NY.) Quantity discounts available. Fully working shareware copy downloadable from their BBS at 206-871-4228 (FCC200.ZIP). ScanWare Associates can be reached at 206-698-1383 (voice) or 206-698-8207 (fax).

APPENDIX

Here is table of data fields in the FCC master. Fields provided by various products are indicated by "*" or the field length, if known.

PERCON PERCON PERCON POLICE SCAN
DESCRIPTION SIZE CET GROVE FLOPPY US CD OTHER CD CALL WARE
| Frequency (or Lower Limit) 16 11 12 16 16 16 * 11
Upper Frequency Limit 16 16 16 11
| Callsign 10 8 10 10 10 10 * 10

| Service Code 2 2 2 2 2 2 * 2
Licensee DBA Name 40 40 40 40 40
Licensee State 2 2 2 2
Licensee Zip 9 5 9 9
Licensee Address 35 30 35
Licensee City 20 15 20 20
| Licensee Name 200 32 30 100 *
Applicant Phone 10 10
| Transmitter Latitude 6 6 6 6 6 6 6
| Transmitter Longitude 7 7 7 7 7 7 7
Transmitter Elevation 5 5 5 5 5 5
Transmitter Height 5 5 5 5 5
Transmitter HAAT 5 5 5 5
Transmitter Effective Height 5 5 5
TX Antenna Structure Height 5 5 5
Transmitter Address 80 80 80 80
| Transmitter City 20 10 12 20 20 20 * 20
| Transmitter County 30 10 20 30 30 30 30
| Transmitter State 2 2 2 2 2 2 * 2
Class of Station 4 4 4 4 4 * 4
Type of Message Service 1 1
Area of Operation 1 1
Radius of Operation 4 4 4
Antenna Type 10 10 10
Antenna Elevation Angle 6 6
Antenna Azimuth 6 6
Antenna Polarization 3 3 3
Antenna Gain 4 4
Antenna Path Length 6 6
Antenna Beam Width 8 8
ERP Out 8 4 8 8 8
ERP Units 2 1 2
ERP Indicator 1 1
Power Out 8 4 8 8 8
Power Out Units 2 1 2
Power Out Indicator 1 1
Emissions 15 15 15 15
License Issue Date 6 6
License Expiration Date 6 4 6
Operation Begin Time 4 4
Operation End Time 4 4
Number of Vehicle Mobiles 4 4 4 4 * 4
Number of Portable Mobiles 4 4 4 4 * 4
Number of Aircraft Mobiles 4 4 4 4 * 4
Number of Marine Mobiles 4 4 4 4 * 4
Number of Pager Mobiles 5 4 5 5 5

ERP = Effective Radiated Power, HAAT = Height Above Average Terrain

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077

bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

4458. Re: Secret Service!

Newsgroup: rec.radio.scanner
Date: 1994-06-01 07:50:26 UTC
From: cntrspy@netcom.com
Message-ID: <cntrspyCqpKG2.F79@netcom.com>
Source record: 273682

=== You may have "found" them and didn't know it, they now almost exclusively use digital encryption, which sounds like a data burst followed by "white noise".. about 3 trillion combinations of codes too.

Being in a parallel business (albeit on a smaller scale :-)) I usually listen to the local PD, and ESPECIALLY the news media that mimic the every move and have poor commsec.

HighTech (hightech@mv.mv.com) wrote:
: She was in town for the graduation of her daughter from a local school.

: The secret service provided a protection detail for her while she was
: shopping in the local MALL!!

: I never did find the freqs....just noticed a small piece in the paper.

: Oh Well, better luck next time!!!

--

--

//
Chris Hall
Operations Director
Executive Protection Associates, Inc.

Executive Protection, Privacy Protection Strategies for Fortune 500 Executives and Other Interested parties. Off-shore investment and Second Passport agents.

//

"I' not a lawyer, I just play one on T.V."

Opinions Expressed are those of the author and NOT those of EPAI.

PGP Key available... If you ask nicely...

4459. Re: Mobile Radio Resources?

Newsgroup: rec.radio.scanner
Date: 1994-06-01 08:49:23 UTC
From: davidj@rahul.net
Message-ID: <Cqpn6C.Dzr@rahul.net>
Source record: 273684

In <2sh3l5$s53@rain.org> carmean@rain.org (David Carmean) writes:

>I found an incomplete copy of what appears to be an _excellent_ reference
>on California HF/VHF/UHF systems called "Government Radio Systems," by an
>outfit called Mobile Radio Resources. It gives very complete information
>about agencies, office locations, office and unit codes, repeater input
>and output frequencies and CTCSS (PL) tones, transmitter locations, and
>more. It's got a fantastic amount of detail! More than Gene Hughes' "Police
>Call" detail editions.

>Anybody know if these folks still exist, and how to get ahold of them?

Yes. Mobile Radio Resources, 1224 Madrona Ave, San Jose CA 95125,
408-269-5814. The Sixth Edition is the most recent, with an almost-seventh
for the Golden Gate area which replaces the listings in the 6th for
the 9 Bay Area counties. Those two books are $27.50 and 17.50,
respectively. (No connection with MRR, just a satisfied customer).
--
David Josephson / Josephson Engineering / San Jose CA / david@josephson.com

4460. Las Vegas: Silver Bowl, police

Newsgroup: rec.radio.scanner
Date: 1994-06-01 09:14:41 UTC
From: jdewitt@rainbow.sosi.com
Message-ID: <2shji1$q8i@rainbow.sosi.com>
Source record: 273683

Can anyone email or post the freqs for the UNLV police, and the local police and sheriffs concert. We are going to go there for a concert the end of June, and want to hear the undercover operations, busts, etc.

thanx...jeff

--
^^
jdewitt@sosi.com
jdewitt@ctnet.org
^^

4461. Re: Wanted : quartz oscillators source

Newsgroup: rec.radio.scanner
Date: 1994-06-01 11:47:24 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.262.000BCA96@ccm.hf.intel.com>
Source record: 273658

In article <2sehn9$2u5@ankh.iia.org> goldberp@iia.org (Peter Goldberg) writes:

>I'd like to order quartz oscillator of given freq.
>PLEASE anyone who knows phone of mail order on radio components or other
>source, let me know by mail (goldberp@iia.org)! Thankful in advance.
>Peter

I will assume that you are looking for scanner crystals.

Radio Shack is actually one of the best places to order them (lowest price).
If you don't like that option, try JAN Crystals in Florida. Call for their
800 number (800-555-1212).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4462. Re: New Kid wants advice...

Newsgroup: rec.radio.scanner
Date: 1994-06-01 12:43:26 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.263.000CB9B8@ccm.hf.intel.com>
Source record: 273705

In article <Cqo7u5.HJr@odin.corp.sgi.com> nstrauss@netmare.corp.sgi.com (Nicholas Strauss) writes:

>Also (yes, I like to place un-reasonable demands on people
>I haven't ever met), does any one have any good freq's in
>the SF Bay Area to get me started? I live on the peninsiula,
>Menlo Park area.

You're in luck. I grew up in Atherton. I just moved and have no more need of all my peninsula frequency info.

Most of the PD freqs for San Mateo County are in the 488-489 Mhz range.
Menlo Park is 488.3375 Atherton is 489.0875
East Palo Alto (always active) is 488.5375 (or .3875 cant remember right now)

I'll bring in a disk tomorrow and e-mail you some freqs.
You may also want to look into joining the BASE scanner club.

If you send me your USPS address, I can mail you some good frequency info from Bob Kelty's Government Radio Systems book.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4463. Re: Javiation still in business?

Newsgroup: rec.radio.scanner
Date: 1994-06-01 13:15:09 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <770476509snz@javiaton.demon.co.uk>
Source record: 273692

In article <CqIKzL.Lpo@sgb.oau.org> steven@sgb.oau.org "Steven Bradley" writes:

Hi Steven,

> Did Javiation go out of business? I have received e-mail that Javiation has
> not been replying to requests for orders or other information recently. I
> also have not -seen- anything from Jonathon lately either.

News to me and numerous others I suspect !

> I am in the process of compiling a listing for name/addresses/phone numbers
> for overseas suppliers of scanning equipment. If I do not hear something
> on this soon, I will either have to include his entry with a comment of
> "may no longer be in business" or something, or not include it.
>
>
> I know he had a problem with Monitoring Times (Grove Enterprises) accepting
> his advertising, and I also know he recieved a somewhat form letter from
> the FCC prior to April 26.

Yes we had a letter from the FCC, infact several but all in responce
to letters I sent to them and non of the replies were "form"
letters that threatened us with anything. The statement that was printed
in MT that we had been "forced" to stop advertisng was not quite
true. I understand from Bob Grove himself that he also a letter from the FCC -
what that said I have no idea whatsoever.

> HOWEVER, in communicating with him afterwards, he indicated he would continue
> to export units to the U.S. if individuals explicitly request it.
>
> Additionally, he has no offices in any U.S. Territories, therefore the FCC
> has/had NO jursdiction sticking their nose in his affairs in the first place.

Still the case.

> While it's a longshot I may dispatch mail to him from a French e-mail
> address I still hold and see if it merits a response.

Nothing received yet.

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Javiation, Bradford. U.K. Compu$erve: 100117,535 |

\----------/

4464. Re: Please rate this Scanner.

Newsgroup: rec.radio.scanner
Date: 1994-06-01 13:16:16 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.264.000D45CE@ccm.hf.intel.com>
Source record: 273714

In article <2si5mn$oeq@miasun.med.miami.edu> amike@maniac.med.miami.edu (Mike Alicea) writes:

>Hi:

>I was going from a catalog picture and it's
>description text. Neither has a model #.
>The picture shows the scanner and on the
>body has "UNIDEN bearcat". All other scanners'
>pictures and text mention and show model #.
>This one did not and I figured it was designed
>that way.

If it had 800Mhz coverage, it was probably the 200XLT. If it did not, it was probably the 100XLT. Both are good scanners, but a bit dated now. For the right price, the 200xlt would be a good choice. What catalog did you see them in and for how much?

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4465. Re: Frequency counter recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-06-01 13:24:11 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1994Jun1.132411.23515@ke4zv.atl.ga.us>
Source record: 273703
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

In article <STEVE.94May31205548@hobbes.vigra.com> steve@vigra.com writes:
>
>Well, according to Optoelectronics' "20th Anniversary" catalog, the
>cheaper Model 3300 is more sensitive than the Model M1 in some ranges.
>It surprised me too, but here is what they print:
>
>Input Sensitivity (Typical)
>
> Model 3300 Model M1 (50 Ohm input)
>------------- -------------
> 10MHz <15mV <5mV
> 27MHz <300uV -
>150MHz <300uV <500uV
>450MHz <350uV -
>800MHz <3mV <3mV
> 1GHZ <3mV <10mV
> 2GHz <25mV -
>2.4GHz <40mV <50mV
>
>Of course, what they advertise and what the things can do may be two
>different things. I just ordered a 3300 this morning, so we'll see..
>
>I was surprised to find that the counters come with *no* antenna.

A too sensitive counter is a pain in the butt to use on the bench.
It wants to lock on all the local broadcast stations and paging
transmitters instead of the radio you are servicing. A counter
with 500 mV sensitivity is plenty sensitive enough to read LO
frequencies. Many of these "sensitive" counters are in plastic
cases so you can't even put a step attenuator on them to tame
their wild counting. The last thing you want on a counter is an
antenna. That just makes stray signal pickup worse.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

4466. Re: Any N.Y. area BBs's or other

Newsgroup: rec.radio.scanner
Date: 1994-06-01 13:28:05 UTC
From: moored@rpi.edu
Message-ID: <2si2d5$k8s@usenet.rpi.edu>
Source record: 273662

```
In article <2sh535$ndg@rebecca.albany.edu> rp4541@albnyvms.bitnet writes:
>Are there any BBs in this area?
>-------------------------------------------------------------------------
>|Ronald Poserina Jr. | "Yea, this is Long Island. Land of Buttafouco|
>|rp4541@albnyvms.bitnet | crazy car stereos, high taxes, and people with|
>|Long Island, New York | funny accents. And I love it!!" |
>-------------------------------------------------------------------------
Try Radio Freqs BBS in Latham, N.Y. 518-782-0507
```

4467. Re: Is a successor to the Yupi 7100 on the horizon??

Newsgroup: rec.radio.scanner
Date: 1994-06-01 13:29:32 UTC
From: brownell@tigger.jvnc.net
Message-ID: <1994Jun1.132932.3604@tigger.jvnc.net>
Source record: 273686

yc23@uk.co.gec-mrc (Trevor Wright) writes:

>Isn't it always the case that when you've finally decided to part
>company with a large chunk of cash on a particular model, that two weeks
>later the same manufacturer release the 'new' model onto the market with
>all the features you really wanted in the last one but were missing.

>Well - as the Yupiteru 7100 is on my future shopping list - does any
>informed person out there know whether the 7200 Turbo GTi or whatever
>the next one might be called is about to hit the market. I suspect it's
>about time a new model appeared - although the current 7100 seems just
>about complete...

A quick look through the latest Japanese CQ magazine shows no new
adverts for an improved 7100. I my experience, that's a pretty good
early warning (for at least a month or two).

I've had my yupi for about a year and a half and still enjoy it. The
going price in Tokyo (as of a month or so ago) seems to be about
Y48,000 or about $

>--
>Trevor Wright,Computer Resources | Tel: +44 245 473331 x 3224 + Answerphone
>GEC-Marconi Research Centre | Fax: +44 245 475244 or 478639
>GEC-Marconi Ltd, Great Baddow | uucp: <world>!uknet!gec-mrc!wright
>Chelmsford,Essex. UK CM2 8HN | Other: wright@gec-mrc.co.uk

Cheers.
--
Vern Brownell Work: vern.brownell@fi.gs.com
Voice: +1 212 902 3471 Home: brownell@tigger.jvnc.net

NN1R{/2, /6Y5}, NRA, '91 Vanagon Synchro Camper

4468. Re: Icom R-100 Antenna Inputs.

Newsgroup: rec.radio.scanner
Date: 1994-06-01 13:31:04 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.265.000D84F9@ccm.hf.intel.com>
Source record: 273715

In article <2sh4gj$gdl@news.delphi.com> jbeal@news.delphi.com (JBEAL@DELPHI.COM) writes:

>I have a friend who has an Icom R-100 mounted in his car and has 3
>antanneas on the back as there are 3 inputs on the R-100 for different
>bands. Does anyone know if there is some kind of "triplexer" so he can do
>away with 2 of the antennas? His car looks like the FBI now and he would
>like to clean up the appearance but still have decient reception.

There are duplexers (diplexers) and triplexers, but they are frequency
specific. I doubt you could find one to match the frequency ranges you are
interested in. You dont rellay need a triplexer to do what you are doing.
Just using a 3-way splitter would do the same thing. Since you are only
receiving, you don't need the isolation. Yes, using a 3-way splitter will
give you 1/3 power at each antenna connector. The other problem is finding an
antenna that can cover the frequency range of the R-100. Several may
advertise this range, but in truth no simple wip antenna can be resonant
accross such a wide frequency range. The Diamond D-505 mobile has a 20dB
preamp built in, and would probably do well, but costs over $100 A 10 to 20dB
preamp might be a good idea if you plan on using a 3-way splitter.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4469. Re: Mobile Radio Resources?

Newsgroup: rec.radio.scanner
Date: 1994-06-01 13:41:05 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.266.000DAFB2@ccm.hf.intel.com>
Source record: 273716

In article <2sh3l5$s53@rain.org> carmean@rain.org (David Carmean) writes:

>I found an incomplete copy of what appears to be an _excellent_ reference
>on California HF/VHF/UHF systems called "Government Radio Systems," by an
>outfit called Mobile Radio Resources. It gives very complete information
>about agencies, office locations, office and unit codes, repeater input
>and output frequencies and CTCSS (PL) tones, transmitter locations, and
>more. It's got a fantastic amount of detail! More than Gene Hughes' "Police
>Call" detail editions.

>Anybody know if these folks still exist, and how to get ahold of them?

Yes. The is Bob Kelty's "company" (mostly just him). He lives in San Jose
and is a real frequency guru in CA. I think he worked on Beyond Police Call
as well as the California section of Monitor America. He is also a ham. He
always gives out good info on his 444.8 repeater (can be heard around the Bay
Area). His books are by far the best available. You can call him at
408-269-5814 or write him at 1224 Madrona Ave, San Jose CA 95125-3547 to
find out if there is a distributor in your area. He will also sell them
direct (hard copy or on disk)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4470. Re: Is a successor to the Yupi 7100 on the horizon??

Newsgroup: rec.radio.scanner
Date: 1994-06-01 13:54:50 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <770478890snz@javiaton.demon.co.uk>
Source record: 273691

In article <4515@mrcu> yc23@uk.co.gec-mrc "Trevor Wright" writes:

> Isn't it always the case that when you've finally decided to part
> company with a large chunk of cash on a particular model, that two weeks
> later the same manufacturer release the 'new' model onto the market with
> all the features you really wanted in the last one but were missing.
>
> Well - as the Yupiteru 7100 is on my future shopping list - does any
> informed person out there know whether the 7200 Turbo GTi or whatever
> the next one might be called is about to hit the market. I suspect it's
> about time a new model appeared - although the current 7100 seems just
> about complete...
>

No 7200 GTi as far as I know but the new AOR AR8000 is due out within the
next 2 weeks (ahem, touch wood.....)

On paper its features look very impressive, and I suspect its performance
will be imeasurably better than anything other handheld that has worn the AOR badge
in the past.

Price in the UK is set as 449.00 so is slightly higher than the
street price of the MVT-7100.

--

Cheers
JC

/--\
| Jonathan Clough, Internet : Clough@javiaton.demon.co.uk |
| Javiation. Bradford. U.K. Compu$erve: 100117,535 |
\--/

4471. Re: Please rate this Scanner.

Newsgroup: rec.radio.scanner
Date: 1994-06-01 14:24:23 UTC
From: amike@maniac.med.miami.edu
Message-ID: <2si5mn$oeq@miasun.med.miami.edu>
Source record: 273689

Hi:

I was going from a catalog picture and it's
description text. Neither has a model #.
The picture shows the scanner and on the
body has "UNIDEN bearcat". All other scanners'
pictures and text mention and show model #.
This one did not and I figured it was designed
that way.

Mike A.
alicea@npf.med.miami.edu

4472. Re: Frequency counter recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-06-01 14:25:26 UTC
From: horak@convex.com
Message-ID: <horak.770480726@convex.com>
Source record: 273690
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

In <STEVE.94May31205548@hobbes.vigra.com> steve@vigra.com (Steve Haehnichen) writes:

>Well, according to Optoelectronics' "20th Anniversary" catalog, the
>cheaper Model 3300 is more sensitive than the Model M1 in some ranges.
>It surprised me too, but here is what they print:

>Input Sensitivity (Typical)

> Model 3300 Model M1 (50 Ohm input)
>------------ ------------
> 10MHz <15mV <5mV
> 27MHz <300uV -
>150MHz <300uV <500uV
>450MHz <350uV -
>800MHz <3mV <3mV
> 1GHZ <3mV <10mV
> 2GHz <25mV -
>2.4GHz <40mV <50mV

I did sensitivity tests on my Opto 2810 counter. Here they are.......

I don't have regular access to special equipment but one day when I had
a few spare moments, I spec'd out my Opto 2810 frequency counter's
sensitivity over various frequencies. I used a Marconi 2022D signal
Generator which outputs from 10KHz to 1GHz and a few feet of an
extremely low loss Andrew cable. All readings were taken when a solid
lock on the frequency occured. Using other instruments, I was able to
get the unit to lock on a signal as low as 5 Hertz and as high as
3.5Ghz. The high end required great amounts of power and I didn't want
to blow the front end so I didn't try and take it above 3.5GHz. The
measurements that follow are over the Marconi's frequency range.

Input B: (10Hz to 50MHz input)

Frequency db

10KHz 1.5mv
100KHz 1.5mv
250KHz 1.6mv
500KHz 1.7mv
750KHz 1.8mv
1Mhz 1.9mv
5MHz 2.2mv
10MHz 2.2mv
25MHz 2.5mv
40MHz 3.2mv

50MHz 3.6mv
60MHz 4.4mv
70MHz 5.0mv
75MHz 5.5mv

Input A: (Amplified 1MHz to 3GHz input)

Frequency db

1.75MHz 24mv
2MHz 17mv
3MHz 2.9mv
4MHz 1.5mv
5MHz 800uv
10MHz 230uv
20MHz 110uv
30MHz 80uv
40MHz 75uv
50MHz 80uv
60MHz 90uv
75MHz 110uv
100MHz 160uv
125MHz 175uv
150MHz 210uv
175MHz 270uv
200MHz 380uv
220MHz 480uv
240MHz 750uv
250MHz 1.2mv
Switched to prescale (200-800MHz) at this point
250MHz 1.2mv
300MHz 1.3mv
350MHz 1.5mv
400MHz 1.4mv
450MHz 1.3mv
500MHz 1.0mv
550MHz 1.0mv
600MHz 1.1mv
650MHz 1.1mv
700MHz 1.1mv
750MHz 1.4mv
800MHz 1.3mv
850MHz 1.8mv
900MHz 2.5mv
950MHz 3.0mv
Switched to prescale (800MHz-3GHz) at this point
950MHz 3.0mv
1GHz 3.5mv

Hope this is of some use,

David

4473. Re: What are these freq's.?

Newsgroup: rec.radio.scanner
Date: 1994-06-01 14:26:52 UTC
From: rausch@rtsg.mot.com
Message-ID: <2si5rc$n8l@delphinium.cig.mot.com>
Source record: 273702

In article <2sfrma$joc@miasun.med.miami.edu>, amike@maniac.med.miami.edu (Mike Alicea) writes:
|> Hi all:
|>
|> I picked up a pro-55 with the following
|> crystals and was wondering what they
|> were used for.
|>
|> 1. 156.21 2. 155.415
|> 3. 158.745 4. 154.160
|> 5. 154.650 6. 39.46
|> 7. 158.790 8. 10.595
|> 9. 10.140 10. 37.850
|>
|> Also next to the crystals there is
|> a switch for each crystal with a choice
|> of (low, high, uhf).
|>
|> Any help would be appreciated,
|>
|> Mike A.
|> alicea@npf.med.miami.edu

The purpose of the frequencies sound like police, fire, and public works.

The switch by each crystal socket is set to the band of the crystal
pluged into that socket. The "low" of for something like 39 to 50 mHz.
The "high" is for something like 148 to 170 mHz, and the "UHF" is
for somewhere around 450 to 470 mHz.

...David
--

David R. Rausch /\ /\ Motorola Cellular Infrastructure
Voice(708) 632-6730 / \/ \ 1501 W. Shure Dr. Suite 3223B
Fax (708) 632-4734 / \ Arlington Heights, Ill 60004

4474. RS Pro-51 for sale

Newsgroup: rec.radio.scanner
Date: 1994-06-01 14:38:56 UTC
From: Ken_Mudge@SRI.QM.COM
Message-ID: <Ken_Mudge-010694073516@128.18.32.49>
Source record: 273652

For sale,

RS Pro-51. About three months old. Have original box & papers, includes ni-cad batteries. In absolutely **MINT** shape, has only been used at home.

Bought an Icom R1 (for it's small size, of course) and that's why I'm selling the RS scanner.

Asking $265.00 OBO.

Please e-mail to work address or phone.

Thanks,

Ken

E-Mail at work: Kenneth_Mudge@qm.sri.com
E-Mail at home: Ksquared2.aol.comm
Vox (days): (415)859-3710

4475. Re: Carrying portable scanner onto commerical aircraft

Newsgroup: rec.radio.scanner
Date: 1994-06-01 14:51:22 UTC
From: reece@eco.twg.com
Message-ID: <2si79a$olo@scoop.eco.twg.com>
Source record: 273651

In article <2s5mh5$6fr@usenet.INS.CWRU.Edu>, el124@cleveland.Freenet.Edu (Mike Wilson) writes:
|> The FARs (federal aviation regulations) say the following:
|>Sec. 91.21 Portable electronic devices.

[...paragraphs (a) and (b) omitted...]

|>------
|> All airlines are operated under IFR (instrument flight rules).
|>Therefore, it is up to the pilot in command (PIC) to determine whether
|>or not we can use our scanners on a particular flight. If the PIC
|>(which is your captain) says it's OK to use it, then it's allowed under
|>(b)(5).

Actually, no. You forgot to quote 91.21(c):

In the case of an aircraft operated by the holder of an air carrier operating certificate or an operating certificate, the determination required by paragraph (b)(5) of this section shall be made by that operator of the aircraft on which the particular device is to be used. In the case of other aircraft, the determination may be made by the pilot in comand or other operator of the aircraft.

I'll spare everyone the formal definition of "operator", but suffice it to say the pilot is NOT the operator of a commercial flight. The operator of a commercial flight is the company (ie United, TWA, etc), not the pilot.

Thus 91.21(c) explicitly removes the decision from the pilot and gives it to the company. If the company says it's prohibited, the pilot has no authority under the FARs to permit its use.

4476. REQUEST:FREQ. CODES FOR PA

Newsgroup: rec.radio.scanner
Date: 1994-06-01 15:02:46 UTC
From: glk@fred.cnet.att.com
Message-ID: <Cqq4Gn.4E3@nntpa.cb.att.com>
Source record: 273713

Does anyone have frequency codes for Pennsylvania? I'm
interrested in the Lehigh Valley area (Bethlehem)
Please reply via post of send me E-mail to:

att!aluxpo!crimson!glk

Thanx in advance...
Gary Keiper...

4477. Hot Air Balloon freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-01 15:10:52 UTC
From: thorn@wam.umd.edu
Message-ID: <2si8ds$bei@cville-srv.wam.umd.edu>
Source record: 273694

Doe anyone know the freq that hot air balloon people use
while in flight?

Thanks, Greg (KD3SU)

4478. Cordless Penal Code (CA)

Newsgroup: rec.radio.scanner
Date: 1994-06-01 16:00:18 UTC
From: glr@ripco.com
Message-ID: <Cqq75D.5A@rci.ripco.com>
Source record: 273634
Cross-posted to: rec.radio.scanner,alt.radio.scanner

California Penal Code:

Section 623.6 Eavesdropping on confidential communication transmitted between cordless phones; Punishment.

(a) Every person who, maliciously and without the consent of all parties to the communication, intercepts, receives or assists in intercepting or receiving a communication transmitted between cordless telephones as defined in subdivision (c), between any cordless telephone and a landline telephone, or between a cordless telephone and a cellular telephone shall be punished by a fine not exceeding two thousand five hundred dollars ($2,500), by imprisonment in the county jail not exceeding one year, or in the state prison, or by both that fine and imprisonment. If the person has been convicted previously of a violation of Section 631, 632, 632.5, 632.6 or 636. the person shall be punished by a fine not exceeding ten thousand dollars ($10,000), or by imprisonment in the county jail not exceeding one year, or in the state prison, or by both that fine and imprisonment.

(b) This section shall not apply in any of the following instances:

(1) to any public utility engaged in the business of providing communications services and facilities, or to the officers, employees, or agents thereof, where the acts otherwise prohibited are for the purpose of construction, maintenance, conduct, or operation of the services and facilities of the public utility.

(2) To the use of any instrument, equipment, facility, or service furnished and used pursuant to the tariffs of the public utility.

(3) To any telephonic communication system used for communication exclusively within a state, county, city and county, or city correctional facility.

(c) As used in this section and in Section 635, ``cordless telephone'' means a two-way low power communication system consisting of two parts -- a ``base'' unit which connected to the public switched telephone network and a handset or ``remote'' unit -- which are connected by a radio link and authorized by the Federal Communication Commission to operate in the frequency bandwidths reserved for cordless telephones.

Glen L. Roberts, Publisher, Directory of Elect Surv Equip Suppliers
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
Box 734, Antioch, Illinois 60002 Fax: (708) 838-0316
Surveillance Hotline: (708) 356-9646 Bust the Bureaucrats: (708) 356-6726

4479. Re: MacDonald's Wireless Headset Freq?

Newsgroup: rec.radio.scanner
Date: 1994-06-01 16:41:15 UTC
From: tharrell@nmsu.edu
Message-ID: <2sidnb$vr@dns1.NMSU.Edu>
Source record: 273698

Dino Moriello (dino@cam.org) wrote:
: Does anyone know what frequency the MacDonald's wireless headsets work on?

Here in Las Cruces, NM, they use 154.570 MHz - but it probably varies from
place to place.
--

T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

4480. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-06-01 16:43:15 UTC
From: tharrell@nmsu.edu
Message-ID: <2sidr3$111@dns1.NMSU.Edu>
Source record: 273699

: >>I'm having a hard time knowing how to refer to someone who listens
: >>to scanners. What do we call ourselves?

My wife calls me "Scanner Nerd."
--

T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

4481. Re: Trunking - Why not just...

Newsgroup: rec.radio.scanner
Date: 1994-06-01 16:50:34 UTC
From: peter@3com.com
Message-ID: <2863@bridge2.NSD.3Com.COM>
Source record: 273700

[interesting description of the innards of trunking protocol
removed to save space]

I'd say trunking is the wave of the future. After all, it allows the system to utilise whatever RF channels are free, rather than require the user to select a particular frequency. If you need more proof, cellular phones are just a special case of trunking :-)

Now, as to being able to monitor a trunked system; if you have a detailed description of the signalling protocol, there's no reason you couldn't build a processor which interpreted the signalling and tuned a receiver to the appropriate frequency. All very easy in theory, of course. Things are a bit tougher in practice as the manufacturers feel (rightly) that the trunking protocol is their property and a competitive advantage. Motorola and GE are unlikely to divulge the bit-level details of their trunking protocols. Motorola, especially, has been running an ad campaign which emphasizes their proprietary rights.

Can you monitor a trunked system? Sure...the ease with which you can monitor the conversations depends on how sophisticated your monitoring hardware is. I don't believe a dedicated hacker would have too much trouble building hardware to decode enough of the control channel signalling to follow a talk group. But, what happens when they go to digital modulation? Or encryption? It's all a matter of how badly you want to listen and how much you're willing work to do it.

Peter "speaking from experience" Simpson

Peter Simpson, KA1AXY Peter_Simpson@3com.com
3Com Corporation (508) 836-1719 voice
Northborough, MA 01532 (508) 393-6934 fax

I speak only for myself, 3Com doesn't pay me to speak for them, so I don't.

4482. Pro-43: cosmetic gripe

Newsgroup: rec.radio.scanner
Date: 1994-06-01 18:54:32 UTC
From: dmr@dsinc.com
Message-ID: <2silh8INNhfm@bozo.dsinc.com>
Source record: 273706

I am crazy about my recent acquisition of a PRO-43 - having lots of fun with it. I have one minor complaint about it, though.

The case itself seems to be painted with some kind of dull gray coating that easily scratches off, letting a shiny gray surface show through. I have barely had this radio for a month now and it already looks old and beat up! Still works great, of course.

Maybe I should have been more careful with it, but I would think a portable unit should be somewhat rugged.

David

David M. Ramsey Office Voice: (704)847-8904
Decision Support Inc. Office Fax : (704)847-4875
Internet: dmr@dsinc.com Home Voice : (704)521-8265

4483. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-06-01 18:58:19 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2silob$t86@slinky.cs.nyu.edu>
Source record: 273723

|> My wife calls me "Scanner Nerd."

I get "Scanner Geek" or "Radio Geek". I prefer "Wireless
Communications Mongrel".

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

4484. Re: National Forest Service Freq.'s

Newsgroup: rec.radio.scanner
Date: 1994-06-01 19:30:53 UTC
From: kenw@col.hp.com
Message-ID: <2sinld$7lq@hp-col.col.hp.com>
Source record: 273708

From the new Master Frequency File, by James Tunnell and Robert Kelty, 1994:

Region 2 - District 11 (Shoshone NF, Cody, WY)

Shoshone Forest direct F1 169.875
Shoshone Forest repeater F2 170.500 169.875
Air Guard (Copper Mt.) 168.625

Forest Supervisor Hdqtrs

Cody-Windy Ridge 411.350 415.350 none
Cody-Copper Mt. Air Guard 411.475 415.475 none

Ranger Districts

(various) 411.450 415.450 none
411.325 415.325 none
411.350 415.350 none

Input Output Tone

Note: all the national forest frequencies would be too numerous to list.
I'd suggest purchasing the book referenced above.

4485. Fast Food Drivethrus

Newsgroup: rec.radio.scanner
Date: 1994-06-01 19:35:02 UTC
From: strech1@aol.com
Message-ID: <2sint6$272@search01.news.aol.com>
Source record: 273579

```
FAST FOOD FREQUENCIES
AS OF 02/05/94
030.8400 ARBY'S
031.0000 ARBY'S
154.5700 ARBY'S
457.5500 ARBY'S
479.2500 ARBY'S
467.7625 BESS EATON DONUT CLERK (I)
457.5375 BESS EATON DONUT CUSTOMER (R)
154.5700 BIG BOY CLERK (I)
467.8250 BIG BOY CLERK (I)
030.8400 BIG BOY CUSTOMER (R)
457.6000 BIG BOY CUSTOMER (R)
030.8400 BURGER KING
031.0000 BURGER KING CORPORATION
100.0000 BURGER KING (PRIVATE LINE)
103.5000 BURGER KING (PRIVATE LINE)
110.9000 BURGER KING (PRIVATE LINE)
114.8000 BURGER KING (PRIVATE LINE)
127.3000 BURGER KING (PRIVATE LINE)
154.5700 BURGER KING
170.3050 BURGER KING CLERK
30.84000 BURGER KING CUSTOMER
457.5500 BURGER KING CUSTOMER
457.5625 BURGER KING
457.5750 BURGER KING
457.6000 BURGER KING
457.8250 BURGER KING
460.8875 BURGER KING
461.5375 BURGER KING CUSTOMER (R)
463.2875 BURGER KING CORPORATION
465.8875 BURGER KING CLERK
467.7750 BURGER KING CLERK
467.7875 BURGER KING CLERK
467.8000 BURGER KING CLERK
467.8250 BURGER KING CLERK
031.0000 CHICK FIL A
170.3050 CHICK FIL A
030.8400 DAIRY QUEEN
154.5700 DAIRY QUEEN
033.4000 DUNKIN DONUTS
082.5000 DUNKIN DONUTS (PRIVATE LINE)
100.0000 DUNKIN DONUTS (PRIVATE LINE)
114.8000 DUNKIN DONUTS (PRIVATE LINE)
```

127.3000 DUNKIN DONUTS (PRIVATE LINE)
457.5500 DUNKIN DONUTS
467.7750 DUNKIN DONUTS
031.0000 FOSTER FREEZE
170.3050 FOSTER FREEZE
030.8400 HARDEE'S
031.0000 HARDEE'S
035.0200 HARDEE'S
151.6850 HARDEE'S
151.8050 HARDEE'S
154.5700 HARDEE'S
154.6000 HARDEE'S
170.3050 HARDEE'S
457.5500 HARDEE'S
457.5750 HARDEE'S
460.8875 HARDEE'S
461.1125 HARDEE'S
461.7125 HARDEE'S
466.1125 HARDEE'S
033.4000 JACK IN THE BOX
154.5400 JACK IN THE BOX
469.0250 JACK IN THE BOX
030.8200 KENTUCKY FRIED CHICKEN
030.8400 KENTUCKY FRIED CHICKEN
031.0000 KENTUCKY FRIED CHICKEN CUSTOMER
033.4000 KENTUCKY FRIED CHICKEN
082.5000 KENTUCKY FRIED CHICKEN (PRIVATE LINE)
088.5000 KENTUCKY FRIED CHICKEN (PRIVATE LINE)
123.0000 KENTUCKY FRIED CHICKEN (PRIVATE LINE)
154.5400 KENTUCKY FRIED CHICKEN
154.5700 KENTUCKY FRIED CHICKEN
162.2000 KENTUCKY FRIED CHICKEN (PRIVATE LINE)
170.3050 KENTUCKY FRIED CHICKEN CLERK
457.5375 KENTUCKY FRIED CHICKEN
457.5875 KENTUCKY FRIED CHICKEN CUSTOMER
457.6000 KENTUCKY FRIED CHICKEN
460.8875 KENTUCKY FRIED CHICKEN
461.0875 KENTUCKY FRIED CHICKEN
462.1625 KENTUCKY FRIED CHICKEN
462.7500 KENTUCKY FRIED CHICKEN
462.7625 KENTUCKY FRIED CHICKEN
464.0875 KENTUCKY FRIED CHICKEN
465.8875 KENTUCKY FRIED CHICKEN
467.8125 KENTUCKY FRIED CHICKEN CLERK
467.8875 KENTUCKY FRIED CHICKEN
468.3875 KENTUCKY FRIED CHICKEN
469.0875 KENTUCKY FRIED CHICKEN
030.8400 MCDONALD'S
031.0000 MCDONALD'S
033.1400 MCDONALD'S

033.4000 MCDONALD'S
033.7150 MCDONALD'S
035.0200 MCDONALD'S
035.1200 MCDONALD'S (BUSINESS)
067.7750 MCDONALD'S CUSTOMER
070.2450 MCDONALD'S CUSTOMER
071.1050 MCDONALD'S CUSTOMER
088.5000 MCDONALD'S (PRIVATE LINE)
100.0000 MCDONALD'S (PRIVATE LINE)
107.2000 MCDONALD'S (PRIVATE LINE)
141.3000 MCDONALD'S (PRIVATE LINE)
151.7150 MCDONALD'S
151.7750 MCDONALD'S
151.8950 MCDONALD'S
154.4900 MCDONALD'S CLERK
154.5400 MCDONALD'S
154.5700 MCDONALD'S
154.5800 MCDONALD'S CLERK
154.6000 MCDONALD'S
154.7000 MCDONALD'S
169.4450 MCDONALD'S
170.2450 MCDONALD'S
170.2500 MCDONALD'S
170.3050 MCDONALD'S
171.1050 MCDONALD'S
171.9050 MCDONALD'S
192.8000 MCDONALD'S (PRIVATE LINE)
457.5500 MCDONALD'S
461.0375 MCDONALD'S CUSTOMER
463.2875 MCDONALD'S CUSTOMER
464.0125 MCDONALD'S
464.5125 MCDONALD'S
466.0375 MCDONALD'S CLERK
467.7750 MCDONALD'S
468.2875 MCDONALD'S CLERK
469.0125 MCDONALD'S
469.5125 MCDONALD'S CLERK
030.8400 MRS WINNERS DRIVE UP
030.8400 TACO BELL CUSTOMER
151.4000 TACO BELL (PRIVATE LINE)
154.5700 TACO BELL CLERK
162.2000 TACO BELL (PRIVATE LINE)
173.8000 TACO BELL (PRIVATE LINE)
457.5375 TACO BELL
457.5500 TACO BELL
460.8875 TACO BELL
461.0375 TACO BELL
461.0875 TACO BELL
461.5375 TACO BELL
464.9625 TACO BELL

465.8875 TACO BELL CLERK
466.0375 TACO BELL
466.0875 TACO BELL
466.5375 TACO BELL
468.3875 TACO BELL
469.9625 TACO BELL
030.8400 WENDY'S
031.0000 WENDY'S
049.8300 WENDY'S CUSTOMER
049.8900 WENDY'S CLERK
100.0000 WENDY'S (PRIVATE LINE)
110.9000 WENDY'S (PRIVATE LINE)
154.5700 WENDY'S
170.3050 WENDY'S
457.5375 WENDY'S
460.8875 WENDY'S
461.0875 WENDY'S
461.8125 WENDY'S
465.8875 WENDY'S
466.0875 WENDY'S
468.3875 WENDY'S
461.8125 WHITE CASTLE
461.8125 WHITE CASTLE CUSTOMER
466.8125 WHITE CASTLE CLERK
170.2450 WIRELESS MICS
170.3050 WIRELESS MICS
171.1050 WIRELESS MICS
171.9050 WIRELESS MICS

4486. Best Cellular Phone Scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-01 20:27:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <770614136.AA04945@rochgte.fidonet.org>
Source record: 273581

> From: streak@foghorn.cc.utexas.edu (Streak)
> Organization: The University of Texas - Austin

> In article <1994May28.034253.3419@hpcvaac.cv.hp.com>,
> bill nelson <billn@hpcvaac.cv.hp.com> wrote:
>>This is partially incorrect. It is NOT illegal to sell scanners that
>>can monitor cellular frequencies.

> uh, as of April 26, 1994 it is illegal to sell scanners that are
> "easily
> modified" to receive cellular frequencies. I assume this to mean the
> scanners can't already receive the cellular frequencies.

Nope. Bill is right. The April deadline was for MANUFACTURE and
IMPORTATION of cellular-capable scanners. There is no ban on SALE of any
scanner (yet).

===
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
===

4487. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-06-01 20:45:03 UTC
From: compedge1@aol.com
Message-ID: <2sis0f$34r@search01.news.aol.com>
Source record: 273584

In article <2sidr3$111@dns1.NMSU.Edu>, tharrell@nmsu.edu (Thomas J. Harrell) writes:

>>> My wife calls me "Scanner Nerd."

Mine just calls me "Geek," "Propeller Head," or just "hey you!"

4488. Re: Trunking - Why not just...

Newsgroup: rec.radio.scanner
Date: 1994-06-01 20:46:47 UTC
From: dbashaw@synoptics.com
Message-ID: <CqqKE1.BGq@synoptics.com>
Source record: 273600

>I would like to see this concept carried through to licensing of citizens
>in general if you fit certain criteria (such as no recent criminal history,
>you are a registered voter, etc). The privelege could be revoked instantly
>if needed.
>
>--
>++
>+ Tom Bodoh - Section Manager, Systems Engineering and Management, Hughes STX +
>+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
>+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) Amateur radio call; N0YGT +
>+ "Welcome back my friends to the show that never ends!" EL&P +
>++
>

I'm already licensed. Drivers, SSI, birth certificate, college records, etc.
If big brother wants to keep an eye on me he already has lots of info!!!!!

I can see having a license for listening to certain frequencies, its done
in lots of socialist countries and works wonders for oppressing the masses and
keeping the ignorant exactly that. The show that never ends is the stupidity of
governments (and municipalities as you now propose) attempting to legislate
common sense/morality through the restricted access to public airwaves by
those deemed undesirable. Does some one with a history of chronic traffic
violations get his receiver permit revoked so he cant listen to the local PD
or meter maids?

This is really some STUPID CRAP!

Dave

4489. Re: Icom R-100 Antenna Inputs.

Newsgroup: rec.radio.scanner
Date: 1994-06-01 21:06:00 UTC
From: dseitel@crl.com
Message-ID: <2sit7o$386@crl2.crl.com>
Source record: 273712

JBEAL@DELPHI.COM wrote:

> I have a friend who has an Icom R-100 mounted in his car and has 3
> antanneas on the back as there are 3 inputs on the R-100 for
> different bands. Does anyone know if there is some kind of
> "triplexer" so he can do away with 2 of the antennas? His car looks
> like the FBI now and he would like to clean up the appearance but
> still have decient reception.

I called Icom about this. They said they don't make one but thought someone else might. Unfortunately, I forget the name they suggested I try. They also suggested I could workaround the 3-inputs switching problem by soldering solid jumpers across them, which I did. I have the unit hooked to a discone in the attic, with the unit near my computer. (Yes, *I know*, not such a good idea, but this is my idea of "multimedia".)

David Eitelbach

4490. Pro-43 or Pro-2006 - HELP ME!

Newsgroup: rec.radio.scanner
Date: 1994-06-01 21:19:18 UTC
From: eric@garnet.msen.com
Message-ID: <2siu0m$m1f$1@garnet.msen.com>
Source record: 273583

Okay folks... I'm about to buy a new scanner. I have a Regency R4030 (which also says Uniden on the back). I'm thinking about either a Pro-43 or a Pro-2006. I like the portable idea, and I know a guy who mounted a Pro-2006 in his Volvo. Any feedback/input on pros/cons of the two units would be appreciated! Also, any feedback on my Regency R4030? Oh-finally, how easy are the MODS to do on the Pro-43 and the Pro-2006? Thanks! - - Eric

--
------------------<Golan Security/Defense Policy Studies>--------------------
eric@golan.org | The HOWITZER of truth on the | Holyland Harley-
72000.1256@compuserve.com | battlefield of propoganda. | Davidson Club
----

4491. Re: Priority Channel

Newsgroup: rec.radio.scanner
Date: 1994-06-01 21:32:04 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jun1.163204.2426@hnrc.tufts.edu>
Source record: 273671

In article <285_9406010140@blkcat.fidonet.org>, Brian.Flues@f239.n109.z1.fidonet.org (Brian Flues) writes:

> patient: "Doctor it hurts when I do this" (turn priority ON)
> doctor: "Vell then don't do that anymore" (turn priority OFF)

No, no, no. You've got the meter all wrong! It should be

patient: "Doctor. It hurts when I do that." (demonstrating)
doctor: "Don't do that."

Try reciting both versions out loud a few times. You'll see what I mean.
:-)

4492. PRO-46 BEEP: How to quiet?

Newsgroup: rec.radio.scanner
Date: 1994-06-01 21:38:57 UTC
From: moy@xp.psych.nyu.edu
Message-ID: <9406012142.AA16780@xp.psych.nyu.edu>
Source record: 273586

Hello fellow r.r.s. folks!

I am new to 'scanning' and now a proud owner of a PRO-46. This is a wonderful little radio, but it does have one feature (or bug) that bothers me--that awful BEEP every time I press a key. Sounds like the original Pong video game. It's ALWAYS at the same level, even with the volume control all the way down, and it's downright deafening when I listen with headphones!

Does anyone know how to defeat the beeps? I was hoping there would be some clever special keyboard command to turn it off, but I'm not afraid to go hacking around inside. Help!

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

4493. Wanted: Paramount Great America Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-01 22:00:23 UTC
From: salvini@wdl.loral.com
Message-ID: <1994Jun1.220023.6279@wdl.loral.com>
Source record: 273540
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I'd like to get my hands on the frequencies used by Great America
in Santa Clara, CA.

Anyone got 'em handy?

Last time we went there, they squawked about my having a 2M on my side
and told me "scanners aren't allowed in here". I pointed out that I
was a licensed HAM operator, and needed my radio in case of an
emergency. They bought that!

Now my curiosity is up, and I want to know what they're so hot and
bothered about keeping quiet...

```
+=====================================================================+
| salvini@wdl.loral.com (KB6VMQ) | Happily married to Kathy -+-|
| Loral doesn't have a single | Jonathan - August 8, 1989 | |
| thing to do with my opinions. | Jeremy - August 8, 1993 | |
| They're mine! All mine! |ONE HAPPY DADDY! :-) Not A Typo |
+---------------------------------+---------------------------------+
| signature virus 2.1c - Copy me into your .sig if you love Jesus! |
+=====================================================================+
```

4494. Re: Pro-43 or Pro-2006 - HELP ME!

Newsgroup: rec.radio.scanner
Date: 1994-06-01 22:32:00 UTC
From: dhughes@prairienet.org
Message-ID: <2sj290$fi6@vixen.cso.uiuc.edu>
Source record: 273718

In a previous article, eric@garnet.msen.com (Eric Norber) says:

>Okay folks... I'm about to buy a new scanner. I have a Regency R4030
>(which also says Uniden on the back). I'm thinking about either a Pro-43
>or a Pro-2006. I like the portable idea, and I know a guy who mounted a
>Pro-2006 in his Volvo. Any feedback/input on pros/cons of the two units
>would be appreciated! Also, any feedback on my Regency R4030? Oh-
>finally, how easy are the MODS to do on the Pro-43 and the Pro-2006?
>Thanks! - - Eric
>
>--
>------------------<Golan Security/Defense Policy Studies>--------------------
>eric@golan.org | The HOWITZER of truth on the | Holyland Harley-
>72000.1256@compuserve.com | battlefield of propoganda. | Davidson Club
>--
>

From what I've read, the mod on the Pro-43 is major league stuff, with
desoldering and resoldering necessary. The mod for the 2006 is simply
cutting an easily-found diode.

I would suggest you also look at the Pro-2026, a nice mobile, easily
modified, now on sale for $150 (regular price $230)--an excellent radio,
and an excellent price.
--

4495. test

Newsgroup: rec.radio.scanner
Date: 1994-06-01 23:15:35 UTC
From: babyak@esu.edu
Message-ID: <2sj4qn$g9e@jake.esu.edu>
Source record: 273724

Ignore. Only a test.

4496. Re: PRO-46 Hint; Any others available?

Newsgroup: rec.radio.scanner
Date: 1994-06-01 23:21:01 UTC
From: frankv6188@aol.com
Message-ID: <2sj54t$4va@search01.news.aol.com>
Source record: 273625

In article <9405312038.AA04950@xp.psych.nyu.edu>,
moy@xp.psych.nyu.edu writes:

Other Secrets of the PRO-46 This scanner can also receive cellular
call between about 896.00 to 916.00. I hope this helps.
Frank V

4497. Question about using Frequency Counters

Newsgroup: rec.radio.scanner
Date: 1994-06-01 23:32:10 UTC
From: schrara@nscultrix2.network.com
Message-ID: <1994Jun1.233210.14992@ns.network.com>
Source record: 273594
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Just want some more info about using a freq. counter. If I understand correctly, I could bring a handheld unit near the local cop shop, fire station, Pub. Wks, etc. to find the xmit freqs being used inside?

I am currently using a PRO-34 and Police Call (and now Beyond PC) mixed in with a lot of sweeping small freq. bands looking for new channels to program. I get the main ones but could spend years searching for Tac2, etc. Any help in this area would be appreciated. Thanks.

Usual Disclamer : If it's not on video...it didn't happen!.

Richard Schrantz __o Mountain
Network Systems Corporation _ \ <,_ Bikes
Twin Cities Metro, MN USA (_)/ (_) Rule!
internet: schrara@nscultrix2.network.com
E-mail: richard.schrantz@network.com

4498. Re: Hot Air Balloon freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-02 01:12:48 UTC
From: mrosneck@wv.mentorg.com
Message-ID: <2sjbmg$phh@hpcan240.mentorg.com>
Source record: 273598

In article <2si8ds$bei@cville-srv.wam.umd.edu>, thorn@wam.umd.edu (Greg) writes:
|> Doe anyone know the freq that hot air balloon people use
|> while in flight?
|>
|> Thanks, Greg (KD3SU)
|>
|>
|>
|>

Yep. I do as a matter of fact.

Many balloonists use CB because it's cheap and because there aren't any licensing issues. There's no set channel so the thing to do is ask one of the crew. If you're at a large balloon event, this is where you'll find most of the balloonists.

Commercial balloon companies often use one of the VHF business channels. This is where I would concentrate my scanning assuming your scanner doesn't cover CB.

There are probably a few on GMRS and there's a few (like me) that use ham radio -- normally 2 meters (Hams make great balloon crew :-) The problem with ham radio is that you need a ham in the balloon and one in the chase truck to be legal. You also can't use ham radio for commercial activities which can get into a lot of grey areas when it comes to ballooning. I just fly for sport so it's worked out great.

Some balloonists use 123.3 or 123.5 in the aviation band for communication. Some have received specific licenses to operate on other frequenicies. This is also commonly done at the larger balloon events. In this case, the event organizer may apply for a waiver from the FCC to allow operations on other frequencies to avoid congestion. To operate an aircraft radio in a balloon requires the filing of FCC Form 404 and $35. This is also true for the chase truck where the form is 406 and the fee is $70. Because of the hassles, cost, and lack of frequencies, there aren't many who use aviation for general crew communications. However, many balloonists do carry a handheld in the balloon particularly if they fly near an operating control towers.

Regards,

Mark KB0US
Hot Air Balloon "Skywriter"

4499. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-02 01:36:46 UTC
From: parnass@ih4gp.att.com
Message-ID: <CqqxtD.C04@cbnewse.cb.att.com>
Source record: 273628
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: March 16, 1994 |

Introduction to Scanning
by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, where to get it repaired if required, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves between 49.67 and 49.99 MHz by their sensitive baby monitor intercom.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. Change is in the wind -- it will soon be illegal for companies to sell scanners which cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have recently enacted laws against listening to cordless phones, but it's currently legal to listen in most states. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend AOR brand scanners.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you

get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners almost always provide more audio than portables, and portables are usually more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band unless you live in a very rural area where this band is not used. Usage of the 800 MHz band is growing by leaps and bounds.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to most scanner owners.

Currently, the more popular scanners include the Uniden/Bearcat 760XLT (a/k/a 950XLT) and Radio Shack PRO-2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT) and Radio Shack PRO-43 portables.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and

ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be somewhat more prone to lightning strikes because they are not at "DC ground."

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Service Merchandise and Circuit City sell scanners, but carry just a few models. Department stores, like Sears and Montgomery Wards, sometimes offer scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- Scanner World (Albany, NY). Telephone (518)436-9606.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- Marymack Distributing (Katy, TX) sells Radio Shack scanners at discount. Telephone (713)392-0747.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117) |

KD4MOJ maintains a scanner modification server for people | without FTP access. You can request a list of scanner | modifications by sending electronic mail with the words GET | INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove Enterprises for about $25. This single edition contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

Grove enterprises sells FCC license information on floppy disks. Disks for each state are sold separately, and the information is basically the same as the FCC "state sort," i.e., transmitter location (state/city), callsign, licensee name, and type of license.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immedi-

ate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,

Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. Rick Christian advises these strict rules for the AOSCNet Scanner Radio Echo (as of 2/1/94):

1. No discussion of cellular modifications or discussions on how to monitor cellular transmission.
2. No discussions on topics which would violate the ECPA '84, TDDRA '93, (18 USCA 2510 et seq.) or Communications Act 1934 & 1984 as amended (47 USCA 705), i.e., decoding/reception of paging, cellular, encrypted stuff, descrambling etc..
3. No Aliases.
4. No discussion of Shortwave or Amateur Radio material (except SAREX).

For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is the foremost club for scanner radio hobbyists in the northern Illinois area. CARMA was formed from the Chicago chapter of the Radio Communications Monitoring Association (RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays at area restaurants, about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about 4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members sometimes sell radio equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year subscription is available by mailing a $10 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Many CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for 1994. All meetings will be held on Saturdays at the Destiny Restaurant, 1440 Rand Road, Des Plaines, IL:

February 19
April 16
June 18
August 13
October 15
December 10

Bring a notebook and your appetite.
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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

4500. Pro-2006... MODS available?

Newsgroup: rec.radio.scanner
Date: 1994-06-02 01:49:38 UTC
From: eric@garnet.msen.com
Message-ID: <2sjdri$3qu$1@garnet.msen.com>
Source record: 273629

Okay, folks... I've gone and bought myself a Pro-2006 based on a lot of recommendation from this group. The model on the back is listed as a 20-145A. The clerk told me that it is impossible to find one of the earlier models. So, I turn to you, my scanning perrs, for help! Does anybody know of any mods to restore coverages to this unit? Also, what other tricks can you get this unit to do? I'm looking forward to hearing from you. E-mail responses are preferred! Thanks in advance to all!
- - Eric
--
------------------<Golan Security/Defense Policy Studies>--------------------
eric@golan.org | The HOWITZER of truth on the | Holyland Harley-
72000.1256@compuserve.com | battlefield of propoganda. | Davidson Club
----

4501. Re: Pro-43: cosmetic gripe

Newsgroup: rec.radio.scanner
Date: 1994-06-02 02:19:34 UTC
From: shc@mt747.mt.att.com
Message-ID: <Cqqzsn.Gxu@nntpa.cb.att.com>
Source record: 273593

In article <2silh8INNhfm@bozo.dsinc.com>,
David M. Ramsey <dmr@dsinc.com> wrote:
>I am crazy about my recent acquisition of a PRO-43 - having lots of fun
>with it. I have one minor complaint about it, though.
>
>The case itself seems to be painted with some kind of dull gray coating
>that easily scratches off, letting a shiny gray surface show through.
>I have barely had this radio for a month now and it already looks old
>and beat up! Still works great, of course.
>
>Maybe I should have been more careful with it, but I would think a
>portable unit should be somewhat rugged.
>
>David
>---
>David M. Ramsey Office Voice: (704)847-8904
>Decision Support Inc. Office Fax : (704)847-4875
>Internet: dmr@dsinc.com Home Voice : (704)521-8265
>---

This is amazing !!! I was just thinking about the exact same time today
when I noticed my 3-weeks-old PRO-43 showing these "paint" being
scratched off all over and showing the "shiny gray surface".

I thought I was handling it with care when I carried it around.
A radio that cost this much should have better physical design (paint)
done.

==
| Stephen Chu |
| AT&T Bell Labs Internet: shc@mt747.att.com |
| Holmdel, New Jersey USA |
==

4502. FTP SITE FOR MODS ?

Newsgroup: rec.radio.scanner
Date: 1994-06-02 02:26:28 UTC
From: sljx0@cc.usu.edu
Message-ID: <1994Jun1.202628.20861@cc.usu.edu>
Source record: 273643

ANYBODY KNOW FTP SITE WHERE I CAN FIND MODS FOR SCANNER AND HAMRADIO ?

4503. Re: Freeway Video Cameras

Newsgroup: rec.radio.scanner
Date: 1994-06-02 02:30:15 UTC
From: dkrauss@netcom.com
Message-ID: <dkraussCqr0AG.ID1@netcom.com>
Source record: 273631

Brian Flues (Brian.Flues@f239.n109.z1.fidonet.org) wrote:
:
: AN>In DC, these cameras are al over the place. For the morning/evening
: AN>newscasts, you can see the images from these cameras. They monitor rush
: AN>hour congestion. As far as I can tell, they are live video, B/W. I have
: AN>no idea how the video signal is transmitted.
:
: As far as I'm aware all signals in DC are transmitted to the traffic
: control center located on Washington Blvd in Arlington (right across
: the street from Arlington Cemetary) I though the transmison was via
: hardline (same as the sign control signals) imagine if you could make
: those BIG signs on I-95 say whatever you wanted!!! I've also noted that
: the smaller temporary signs (generator powered) have a CELLULAR antenna
: on them, the possiblities are astounding!! Wonder why no one ahs
: explored this??
:
The DC cameras, as well as the rest of the stuff (signs, vehicle
detectors, etc) are sent via Coax to the Traffic management center. New
expansions on I-66 and I-95 will be all fiberoptic cable. IF you could
tap into the cable, it would be very difficult to find the right freqency
on the coax for the signs, and nearly impossible to do with the fiberoptic
system.
--
dkrauss@netcom.com

4504. Mobile Scanners illegal in WHICH states?

Newsgroup: rec.radio.scanner
Date: 1994-06-02 02:34:59 UTC
From: shc@mt747.mt.att.com
Message-ID: <Cqr0IB.H42@nntpa.cb.att.com>
Source record: 273630
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Can anyone post the states which has illegalized mobile scanners?

Thanks in advance...

```
================================================================
| Stephen Chu |
| AT&T Bell Labs Internet: shc@mt747.att.com |
| Holmdel, New Jersey USA |
================================================================
--
================================================================
| Stephen Chu |
| AT&T Bell Labs Internet: shc@mt747.att.com |
| Holmdel, New Jersey USA |
```

4505. Re: Freeway Video Cameras

Newsgroup: rec.radio.scanner
Date: 1994-06-02 02:39:37 UTC
From: dkrauss@netcom.com
Message-ID: <dkraussCqr0q1.13E@netcom.com>
Source record: 273632

For those interested in the subject of freeway cameras...

I design these systems. A few I know of, and their comm links..

Miami (Golden Glades) Fiberoptic to leased T-1 lines
Jacksonville (Under construction) Leased T-1 and 900 Mhz analog
Orlando - Fiberoptics
DC - Coax and Fiber
New Jersey Turnpike - Leased T-1 lines
Milwaukee - Fiberoptics
Long Island - Coax and Fiber
Various CA systems - Mostly Fiber and Leased Lines

There are many others. The only one that a "casual" viewer might
have a remote chance of "tapping into" may be Jacksonville, FL.

dkrauss@netcom.com

--
dkrauss@netcom.com

4506. The AR-3000A Plunge

Newsgroup: rec.radio.scanner
Date: 1994-06-02 03:25:08 UTC
From: surfer@pipeline.com
Message-ID: <2sjjek$qos@pipeline.com>
Source record: 273599

Well, I'm considering taking a plunge and getting a more powerful general coverage scanner. I have a little PRO-43 that I like, but I would like a computer interface and wider coverage and more channels. I don't want to get too much larger (physically) than the AR-3000A since I travel extensively but don't need optimum portability, and the specs on it look good, but I don't know anyone who's used one. I'm new to scanning and haven't started receiving the monitoring mags/newsletters I've signed up for. Is this the best box I can get in this size? Does it sing or suck? Many thanks for your wisdom!

4507. RE: ARE ALL CELLULLAR PHONE MONITORINGS ILL

Newsgroup: rec.radio.scanner
Date: 1994-06-02 03:40:25 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9406020340.055SW04@chrysalis.org>
Source record: 273653

re bills thought that listening to images of cellular communications isnt illegal:
sorry bill but the actual law wording is very clear. the wording says the type of communications that are illegal to intercept, not the frequencies. ecpa covers a lot more than cellular phones. cellular phones are considered communications not intended for monitoring or reception by the general public and are therefore illegal to monitor via ecpa. doesnt matter if you use a scanner, or tv, or whatever. 73.

4508. Hallmark Card Mod

Newsgroup: rec.radio.scanner
Date: 1994-06-02 04:15:34 UTC
From: urbina@novax.llnl.gov
Message-ID: <1994Jun1.201534.1@novax.llnl.gov>
Source record: 273633

Hi all. Some of you are familiar with this device, and I revisit it only to introduce others to a less expensive choice than Radio Shack's Analog Voice chip.

After reading some threads on alt.2600 about the modifying of Hallmark message cards for making redboxes,(see above newsgroup for info on that) I thought it would make a nice peripheral for a scanner.

So I went to the local Hallmark shop and picked up a message card for $7.50 +tax. What you have is a 1/4 inch thick card, you open it up and you see a speaker grill, and on the left hand side is a switch for recording and playback and a button to press to start playing or recording.

Carefully cut around the border of the card and remove the cardboard to expose the circuitry. Inside some plastic framework you will see a small speaker, a small piezo mike attached to the cardboard, a neat battery pack that holds 4 1.5v watch cells (6vdc), a tiny make/break switch and a postage stamped size circuit board that has only 4 discrete components on it plus the die (covered by black epoxy) of the integrated circuit. A .22uf cap and a 4.7uf electrolytic cap plus two small signal diodes make up the discrete components. A DPST switch is attached to the circuit board.

The IC, made by ISD (Information Storage Devices) of their Chipcorder line, records only 10 seconds of audio and has no microprocessor addressable lines. I surmise the bandwidth is still narrowband voice with a Hf cutoff of around 2700hz.

Put everything in a small project box and use a 9v battery through a regulator or use the small battery pack that came with it. For you more adventurous people you could probably find room for it inside the RS Pro-200x scanner models.

If you replace the microphone with a better quality one like an electret mike or capacitively couple your scanner's earphone out to the chipcorder you can make a tiny 10 second recorder. With transistor switches instead of mechanical you can trigger off of your squelch, recorder out, etc.

Applications include: 1. record DTMF tones for later play on a decoder.
2. record that last transmission that you couldn't
understand too well.
3. Damn near anything !

The good thing about this device IMHO is that you get the whole system for only $8.00 whereas with the Radio Shack chip, while you get 10 more seconds of record time and it is addressable, can cost you considerably more $20.00 or more finished project.

I tested mine out with my Yupiteru and it records great !

-Guy

4509. decode freq inv with SSB

Newsgroup: rec.radio.scanner
Date: 1994-06-02 04:34:50 UTC
From: urbina@novax.llnl.gov
Message-ID: <1994Jun1.203450.1@novax.llnl.gov>
Source record: 273635

Some of you know about this already, I just want to reintroduce it for the benefit of new users of this newsgroup and those who don't know about it.

While scanning a particular band in the lower VHF, I came across a transmission using frequency inversion. Owning a Yupiteru MVT-7100 myself, I'd heard that by changing the modulation to SSB that one could decode such transmissions. I switched to USB and step to 50hz. After tuning around a while, I was able to hear the conversation in the clear, although an annoying 1khz tone was present also. I admit vague knowledge of SSB, though I think this was due to the carrier injection oscillator of my unit. Anyway through the use of an equalizer, one could probably filter that tone out.

I was surprised how clear I could hear the conversation by tuning around on USB, it really works !

I'm pretty sure it was a radio shack device that was transmitting frequency inverted intelligence, they're the only manufacturer that makes freq inverted cordless phon/...oops err telecommunication devices. (I live in CA) :)

-Guy

4510. Re: PRO-46 BEEP: How to quiet?

Newsgroup: rec.radio.scanner
Date: 1994-06-02 04:47:03 UTC
From: strech1@aol.com
Message-ID: <2sjo87$a4j@search01.news.aol.com>
Source record: 273640

Not afraid to go inside? I don't know of any keyboard commands to delete the beep, but have a note on it, I haven't tried it, so always be careful enough to undo your doings.

Find pin 80 on the logic ICU, IC 1489. Pin 80 will be the first pin on the left side of the chip, counting UP from the diagonally cut corner. (have the diagonally cut corner at the lower left) Follow the trace from there to L201. At a convenient place, cut the circuit trace with a very sharp razor knife. This should silence the beep.
David
BASE Club

4511. Re: BC100XLT MODS

Newsgroup: rec.radio.scanner
Date: 1994-06-02 04:50:39 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2sjoev$ip1@samba.oit.unc.edu>
Source record: 273641

In article <31MAY199414564818@adpdp2.lanl.gov>,
U086236 <u086236@adpdp2.lanl.gov> wrote:
>Need mods for BC100XLT, to include Cel and 27Mhz freqs.
>
>086236@lanl.gov
>Paul Lujan
>Los Alamos, NM

FTP to oak.oakland.edu, and look around under their pub/hamradio/mods directory. I u/l'd a file there recently which was placed (!) in the uniden/bearcat subdirectory, called bc100all.mod, which includes all the mods I know of for the 100XLT.

Oh, BTW- you can't get cellular on a unit not equipped for 800 MHz already (see mod file for details), and there's no mod I know of for programming in out-of-band (at least below 29MHz) freqs. CB channels are AM, anyway, and 29-54 coverage is FM on the 100XLT.

a.k.a. you're out of luck on this request.

Sherrod

--

\ The above does not represent OIT, UNC-CH, laUNChpad, or its other users. /

4512. Re: Has Grove sold out to the FCC?

Newsgroup: rec.radio.scanner
Date: 1994-06-02 07:24:28 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9406042341.AA144539@f217.n202.z1.fidonet.org>
Source record: 273487

SB> Since you are obviously pro-cellular ban, I'll be listening next
time you
SB> use your cell-fone!

I have no idea how you can equate knowing what the law says, and being 'pro-cellular-ban'. I do NOT agree with the law, think its ill-conceived, and even more poorly implemented. It IS, however, the law. And I never said you CAN'T get a scanner through Customs. In fact, I said there wasn't much chance of it being caught there. And I use neither cellphone nor cordless (the Ca. against cordless phone monitoring is just as poorly conceived and implemented).

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

4513. Re: The AR-3000A Plunge

Newsgroup: rec.radio.scanner
Date: 1994-06-02 08:16:17 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.268.000845C4@ccm.hf.intel.com>
Source record: 273654

In article <2sjjek$qos@pipeline.com> surfer@pipeline.com (Gerald Seagroves) writes:

>Well, I'm considering taking a plunge and getting a more
>powerful general coverage scanner. I have a little PRO-43 that
>I like, but I would like a computer interface and wider
>coverage and more channels. I don't want to get too much
>larger (physically) than the AR-3000A since I travel
>extensively but don't need optimum portability, and the specs
>on it look good, but I don't know anyone who's used one. I'm
>new to scanning and haven't started receiving the monitoring
>mags/newsletters I've signed up for. Is this the best box I
>can get in this size? Does it sing or suck? Many thanks for
>your wisdom!

I have had one for about 2 months now. I haven't had much time to play with it yet, but so far I have been very impressed. Is has excellent RF performance. I would rate it above my Icom R7000. I have not really tried out the shortwave yet but a quick pass sounded pretty good. For the size, this unit can't be beat. The programming is a bit awkward (lots of button pushing), but you'll probably get used to it. I got a couple of programs to control it off of compuserve, but I am still looking for a good control program. One nice thing is that it has the DB25 (RS232) jack right on the back. No converter required (like the R7000). It only took me about 10 minutes to get computer control set up, so its pretty simple. The programmable attenuator (by channel) is the greatest. If a particulat channel is giving you trouble with noise or intermod, you just set the attenuator and *poof* smooth scanning.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4514. Australian time standards

Newsgroup: rec.radio.scanner
Date: 1994-06-02 09:50:07 UTC
From: nabarlek@yiffy.tigerden.com
Message-ID: <2ska0f$i08@ns.oar.net>
Source record: 273648

Can anyone give me any infomation on what freqs VNG,
the supposed Australian time standard station might use?

And any uptodate infomation on VOLMET freqs would be nice as well.

Thanks!
Darren.

4515. Help sought: what to do with inactive cell phone ?

Newsgroup: rec.radio.scanner
Date: 1994-06-02 10:42:15 UTC
From: phybs@mizzou1.missouri.edu
Message-ID: <phybs.132.000AB493@mizzou1.missouri.edu>
Source record: 273623

I picked up an audiovox handheld cell phone at a local hamfest recently (cheaply). My intent was to play, hopefully figure out how to turn on the receiver portion (for educational purposes only, for those ECPA followers out there). I took it apart and can't get the thing to power up. There is no obvious switch visible anywhere and when I feed power into the board...nothing. Obviously inactivation of this phone is not as simple as I had hoped. Does anybody have any suggestions short of going to a cell service provider ?

Bernhard Stepke, Ph.D. phybs@mizzou1.missouri.edu
Dept of Physiology University of Missouri
Columbia MO 65212 (314) 882-7666

4516. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-06-02 11:13:56 UTC
From: dmb@abacus.demon.co.uk
Message-ID: <CqroJ9.nt@abacus.demon.co.uk>
Source record: 273608

In article <CqFJHz.12n@metronet.com>,
Charles Copeland <copeland@metronet.com> wrote:
>That use of such information by law enforcement would be approaching
>a totalitarian state (AKA Orsen Wells "big brother" syndrome).
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

OK, Orsen was a big brother (the exception to "No man is an island" :-)),
but surely this should be George Orwell's "big brother" syndrome, as in "1984".

--David
--
David Byrne, Abacus Software, London, UK Tel: +44 (0)71 930 4884
Email: dmb@abacus.demon.co.uk Fax: +44 (0)71 839 7445
Here's a koan: If you have ice-cream I will give you some. If you have none,
I will take it away from you. (it's an ice-cream koan).

4517. Weather Fax freqs.

Newsgroup: rec.radio.scanner
Date: 1994-06-02 11:44:00 UTC
From: CSMSETS@MVS.OAC.UCLA.EDU
Message-ID: <19940602114408CSMSETS@MVS.OAC.UCLA.EDU>
Source record: 273660

Does anyone out there know the freqs for any of the weather
fax transmitters. I just go a cool shareware program for the
Mac from a guy in Finland called RadFax ($25 for full source)
that seems to work rather well. All you have to do is plug
your ham radio's speaker into the Mac's microphone input
(I was just holding my scaner to the Mac mic and it seemed
to work just fine for cellular faxes -- just a test mind you).

Thanks in advance,
--Ed

4518. Mobile Radio Resources?

Newsgroup: rec.radio.scanner
Date: 1994-06-02 12:05:46 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9406042341.AA144540@f217.n202.z1.fidonet.org>
Source record: 273486

Mr. Kelty is alive and well, and lives in San Jose, I believe. There should be a new version of GRS this year. Kelty got 'burned out' in '89-90, and put everything on hold for a while, but I've heard thats he's hard at work again.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

4519. Decoding Pager signals

Newsgroup: rec.radio.scanner
Date: 1994-06-02 12:08:01 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <8ef_9406030700@rccons.lm.com>
Source record: 273604

Reply-To: rccons!aosc_pa@telerama.pgh.pa.us

31 May 94 23:38, weisen@alw.nih.gov wrote to All:

wng> Golay sends the address at 300 baud and the message data at 600
wng> baud. POCSAG has been run at 512, 1200, and (I believe) 2400
wng> baud. I'm wondering if that 6400 number for Flex is a typo and
wng> should be 2400, too.

FLEX has a max rate of 6400. Testing has just been completed on a PageNet
system in Kansas.

Rick Christian, AAJP/BSEE
AOSC PA Editor/PCO Peters Twp. P.D.
Internet:rccons!aosc_pa@telerama.pgh.pa.us

4520. INDY 500 SCRAMBLED FREQs

Newsgroup: rec.radio.scanner
Date: 1994-06-02 13:00:43 UTC
From: delveaux@infoserv.com
Message-ID: <wBNaNc1w163w@delveaux>
Source record: 273597

Does anyone know the way the Penske team scrambled their frequencies at the INDY 500. It sounded like an analog modulation. If anyone has any information, please forward it on. I am trying to build a decoder in time for the Michigan 500. I WILL post how it was done, including schematics.

-Bill

4521. Bought a 2006, need MODS & TRICKS!

Newsgroup: rec.radio.scanner
Date: 1994-06-02 13:43:14 UTC
From: eric@garnet.msen.com
Message-ID: <2sknliogk1@garnet.msen.com>
Source record: 273525

Okay folks, I bought a Pro-2006 based on a lot of recommendation from this group. Now, I need to know if anybody has MODS or tricks for this unit. I think it is one of the newer models, but the Radio Shack clerk told me that the one I got *is* easily modifiable. If anybody has any performace improvements, I'd be delighted to see them. Of course, they would only be used for *hypothetical* modification <g>. Looking forward to responses!
- - Eric (P.S.- e-mail responses also appreciated!)

--
------------------<Golan Security/Defense Policy Studies>--------------------
eric@golan.org | The HOWITZER of truth on the | Holyland Harley-
72000.1256@compuserve.com | battlefield of propoganda. | Davidson Club
----

4522. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-06-02 14:21:46 UTC
From: jkearman@arrl.org
Message-ID: <1994Jun2.142146.20252@arrl.org>
Source record: 273606

David Stark (David.Stark@p2.f333.n2613.z1.fidonet.org) wrote:

: In actuality, ARRL stands for AMERICAN Radio Relay League. That name
: would seem to give even less of an excuse for such a narrow focus.

Yep. Radio Relay League....sounds like scanning to me!

73

Jim, KR1S

jkearman@arrl.org

4523. This Week on Spectrum June 4, 1994

Newsgroup: rec.radio.scanner
Date: 1994-06-02 14:33:05 UTC
From: spectrum@starcomm.overleaf.com
Message-ID: <2skqj1$odt@starcomm.overleaf.com>
Source record: 273534
Cross-posted to:
rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.scanner,rec.video.satellite,rec.radio.cb,alt.radio.scanner,alt.radio.pirate

On Saturday June 4'th we will take a look at Digital Audio broadcasting or DAB. This high-tech system is in the wings and should be here near the end of the century. A few systems have been proposed for dab and a standard hasn't been decided as of yet. Our guest will be Ted Schober. Ted has been on the leading edge in the world of DAB and will give us a look into the radio of the future.

On Saturday June 11'th we will take a look at VSATS, (very small apachure earth terminals). Vsats are the newest high-tech method of satellite communications. Our guest will be Bill Septmeyer. Bill is an engineer and founder of National Supervisory Network (NSN). Nsn is on the cutting edge of this new communications technology. So join us on the 11'th of June when we take to the sky on Spectrum.

On Saturday June 19'th Spectrum will celebrate its one year anniversary with a special show. You'll just have to tune in and find out what happens.

--
Spectrum airs live Sunday at 0200 UTC (2200 EDT Saturday) on:

WWCR, 5810 KHz, Nashville, TN (World Wide)
WIFI, 1460 AM, Florance, NJ (Philadelphia Area)
KHNC, 1360 AM, Johnstown, CO (Denver Area)
Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)

Spectrum is rebroadcast:

Sunday at 1500 EDT, on WIFI, 1460 AM, Florance, NJ (Philadelphia Area)

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Box 722, Holmdel, NJ, 07733-0722, USA
spectrum@overleaf.com, askspectrum@attmail.com
+1 800-787-SPECTRUM, +1 908-671-4209

4524. Re: The AR-3000A Plunge

Newsgroup: rec.radio.scanner
Date: 1994-06-02 14:46:02 UTC
From: dgoodman@aol.com
Message-ID: <2skrba$i2a@search01.news.aol.com>
Source record: 273674

In article <2sjjek$qos@pipeline.com>, surfer@pipeline.com (Gerald Seagroves) writes:

>Well, I'm considering taking a plunge and getting a more powerful general coverage scanner.

Bob Grove had another of his quasi-helpful reviews of the 3000A in the June Monitoring Times. First he says the VHF/UHF isn't as good as the Icom IC-7100, yet the radio is worth the grand (but perhaps only if you buy it from Grove).

Danny Goodman

4525. Frequency counters (update)

Newsgroup: rec.radio.scanner
Date: 1994-06-02 14:59:49 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jun2.095949.2428@hnrc.tufts.edu>
Source record: 273576
Cross-posted to: rec.radio.scanner,rec.radio.amateur.equipment

I'm farther along in my search for a frequency counter, but not exactly where I'd like to be. All things being equal, I'd go with the Opto M1, even though at $260 with antenna and postage it's about twice what I'd like to get away with. But all things aren't equal. if a Startek ATH-10 would truly meet my needs, I could get off for about $170 while an ATH 15 would set me back $210. (15 = 10 + low battery indicator + 1200 to 1500 MHz + signal strength bar graph)

According to Grove, the person who started Startek was originally with Opto and, in the opinion of the person with whom I spoke, the units use comparable technology.

The only substantive responses came from two very satisfied Opto owners. I'm still waiting for hear from a Startek owner. The comments follow.

Are there any dealers who sell the OM1 below list? The only vendors I could locate are Grove and Opto themselves.

Anyway my opinion is that if you want to use the counter with a scanner that you should consider buying the M-1 from Opto. I own an Opto M-1 and an Opto 2810. The M-1 was purchased about a week ago at the Rochester Hamfest.

The M-1 essentially has two automatic hold features. One is a digital filter. When the filter is on,the counter will hold the last frequency it has counted above the noise floor (until a new transmission takes place). When the filter and the memory switch are both on the counter will hold a received frequency until the memory is toggled for a new reception. There are three registers for frequencies in the memory.

The only thing I don't like about the M-1 is that the three registers don't fill up automatically. The first one is filled and then the user must hit a button so that the first one moves to the second position and then another frequency can be recorded in memory. In practice I am using the filter to hold the frequency instead of the memory. This means I have to use the memory in my head adn keep an eye on the counter.

Another neat thing about this counter is that the light will come on whenever a frequency is received with the filter on. This makes it easier to keep an eye on the counter. That is, the light tells you when to look. (The light can be turned on or off - this is up to the user, too.)

Anyway, I hardly ever used my old counter. I have been using the new one this week quite a bit. The type of things that are easy to pick up are taxis and such. There is also a tendency for the counter to pick up pagers which I think use very high power transmitters.

The Sysop of the Compuserve Hamnet Scanner message area likes his Startek unit. The man that sold me the Opto talked me out of the Startek. The truth is I'm not sure which unit is the better one. There is a mod to add a hold to the Radio Shack unit.

The man selling the Opto at the Hamfest was from Ramsey in Rochester NY. The main feature that he pointed out to me was that the counter counts up to 250 MHz without using a multiplier. He implied that the Startek didn't go as far but I didn't get into really detailed comparison. The other differences had to do with the type of reset on the memory of the Startek, the cost of the Startek with the memory hold and reset (which I think was $249 or more at the Hamfest), the LCD vs. LED situation (Startek still uses LED's) and probably some other things. He really didn't sell me on what I think is the best feature - the digital filter - which acts to hold a frequency in the display until the next one breaks through the noise. I guess I'm sold on the M-1 now.

I updated to an Optoelectronics M-1 about a month ago and have since taken it on a trip to pick up hotel freqs.
The unit works great esp compared to my older more basic Optoelectronics 2210. It has autocapture, digital filter to reduce false "hits" and even an output for RS-232 interface (extra cost option). The unit is backlit and uses LCD screen so it is much easier to see in daylight.

I can highly recommend this unit. Don't know about the Startek units - in ways they seem similar - I can tell you that the store and hold is really helpful, especially if used while driving. The M-1 also has a 3 register memory for storing freqs captured.

the Starteks use LED display
- I found this a major minus in my older Optoelectronics scanner - it shortened the battery life to 2 hr between recharges as well as the problem of daylight visibility.

4526. Where to buy 2006?

Newsgroup: rec.radio.scanner
Date: 1994-06-02 15:45:57 UTC
From: amike@maniac.med.miami.edu
Message-ID: <2skurl$1do@miasun.med.miami.edu>
Source record: 273656

Hi:

Someone posted a while back a distributor (in Texas
, I think) which sold scanners along with RS scanners.

I wanted their address or if someone can tell me if
they are less expensive than RS, guarantee, etc.

Txs,

Mike A.
alicea@npf.med.miami.edu

4527. Re: Bought a 2006, need MODS & TRICKS!

Newsgroup: rec.radio.scanner
Date: 1994-06-02 16:46:11 UTC
From: tcarnes@lightside.com
Message-ID: <tcarnes-020694094354@user30.lightside.com>
Source record: 273582

In article <2sknliogk1@garnet.msen.com>, eric@garnet.msen.com (Eric Norber) wrote:

> Okay folks, I bought a Pro-2006 based on a lot of recommendation from this
> group. Now, I need to know if anybody has MODS or tricks for this unit.
> I think it is one of the newer models, but the Radio Shack clerk told me
> that the one I got *is* easily modifiable. If anybody has any performace
> improvements, I'd be delighted to see them. Of course, they would only be
> used for *hypothetical* modification <g>. Looking forward to responses!

Well, I'll give you the quick and dirty mod and then after that you should try to get ahold of the scanner modifcation handbooks. I hear they are chock full 2006 mods. I have a 2006 as well and have not gotten the book yet. I know shame shame. Anyway, take the cover off and find the two diodes behind the number 3 on the back of the keypad. Clip one leg of each of the diodes and separate them slightly. You will have just performed the scan speedup and cell restoration mod. There are many others for that model. Have fun.

Todd..

****
Todd W. Carnes | "All true wisdom is
tcarnes@lightside.com | printed on
Motown Records, Hollywood CA | T-shirts"
****

4528. Re: FTP SITE FOR MODS ?

Newsgroup: rec.radio.scanner
Date: 1994-06-02 17:01:30 UTC
From: john@aio.jsc.nasa.gov
Message-ID: <1994Jun2.170130.8503@aio.jsc.nasa.gov>
Source record: 273659

oak.oakland.edu

4529. Pro-36...any comments ?

Newsgroup: rec.radio.scanner
Date: 1994-06-02 18:18:17 UTC
From: messierj@ERE.UMontreal.CA
Message-ID: <messierj.770581097@brise.ERE.UMontreal.CA>
Source record: 273672

Simple quesiot

What does AR DOES

4530. Re: === Bearcat 200XLT (with cellular) for

Newsgroup: rec.radio.scanner
Date: 1994-06-02 18:53:20 UTC
From: dbright@firefox2.East.Sun.COM
Message-ID: <2sl9r0$cat@walters.East.Sun.COM>
Source record: 273664

In article orh@taco.cc.ncsu.edu, salavi@unity.ncsu.edu (S. Alavi) writes:
> In article <CqL5qz.7K2@zeno.fit.edu>,
> Marshal Perlman [ARCS] <perlman@cs.fit.edu> wrote:
> >On 29 May 1994 21:07:49 GMT, S. Alavi (salavi@unity.ncsu.edu) wrote:
> >
> >: Bearcat 200XLT hand held scanner.
> >: picks up cellular and more
> >: excellent cond
> >
> >: $200+shipping.
> >
> >HAHAHAHAHAHAHHAHAHAHAHAHAHAHHAHAHAHAHAAHAHAHHAHAHA
> >
> >You can get them new for about that, if not less.
> >
> >--
> > |o| Marshal Perlman Internet/MIME: perlman@zeno.fit.edu |o|
> > |o| Academic and Research Computing Services (ARCS) IRC: Squawk |o|
> > |o| Florida Institute of Technology FAA: Commercial/Instrument-ASEL |o|
> > |o| Pager: 407/455-4809 Member: AOPA/AAAE/Goodyear Blimp Club |o|
> > |o| *My Uniform Resource Locator is: http://sci-ed.fit.edu/~perlman |o|
> > %%
> > All letter-bombs will be returned unopened to sender.
>
> 1) The cheapest I have seen them is $249. Please share your source
> with us.
>
> 2) This one picks up Cellular. The new ones don't.
>
> ====== S. Alavi [salavi@unity.ncsu.edu] (919)467-7909 (H) ========
> (919)856-3817 (W)

I just bought one from DAMARK for $159.00 about 1 month ago.

Dave

4531. Re: Where to buy 2006?

Newsgroup: rec.radio.scanner
Date: 1994-06-02 19:09:14 UTC
From: steinr@ucs.orst.edu
Message-ID: <2slaoq$hqc@gaia.ucs.orst.edu>
Source record: 273517

In article <2skurl$1do@miasun.med.miami.edu>,
Mike Alicea <amike@maniac.med.miami.edu> wrote:
>Hi:
>
>Someone posted a while back a distributor (in Texas
>, I think) which sold scanners along with RS scanners.
>
>I wanted their address or if someone can tell me if
>they are less expensive than RS, guarantee, etc.
>
>Txs,
>
>Mike A.
>alicea@npf.med.miami.edu

I would also like that information. Am interested in getting
2006.

Furthermore, does anyone have any pros and cons about the
2006 and the 2032?

Thanks,
--
_____ |C _____
RAY STEIN -- N7RET __B_|/
OSU Electrical Engineering |\ <<--COOL!
|E

4532. Re: Australian time standards

Newsgroup: rec.radio.scanner
Date: 1994-06-02 19:12:33 UTC
From: martin@duttncb.tn.tudelft.nl
Message-ID: <1994Jun2.191233.19817@duttncb.tn.tudelft.nl>
Source record: 273661

In article <2ska0f$i08@ns.oar.net> nabarlek@yiffy.tigerden.com (Darren Holland) writes:
>Can anyone give me any infomation on what freqs VNG,
>the supposed Australian time standard station might use?
>
>And any uptodate infomation on VOLMET freqs would be nice as well.
>
>Thanks!
>Darren.

The info I have says:

5000, 8638, 12984 and 16000 kHz.

Hope this helps!

Martin

4533. Re: decode freq inv with SSB

Newsgroup: rec.radio.scanner
Date: 1994-06-02 20:04:50 UTC
From: jkearman@arrl.org
Message-ID: <1994Jun2.200450.26518@arrl.org>
Source record: 273587

urbina@novax.llnl.gov wrote:

: While scanning a particular band in the lower VHF, I came across a
: transmission using frequency inversion. Owning a Yupiteru MVT-7100 myself,
: I'd heard that by changing the modulation to SSB that one could decode
: such transmissions. I switched to USB and step to 50hz. After tuning around a
: while, I was able to hear the conversation in the clear, although an annoying
: 1khz tone was present also. I admit vague knowledge of SSB, though I think this
: was due to the carrier injection oscillator of my unit. Anyway through the use
: of an equalizer, one could probably filter that tone out.

Just for the record, in the US, it's illegal to unscramble scrambled
transmissions.

That said, a DSP filter like the one sold at Radio Shack (new, not in
catalog) will take out that heterodyne.

Good listening.

Jim

4534. are ALL cellullar phone m

Newsgroup: rec.radio.scanner
Date: 1994-06-02 20:07:00 UTC
From: steve.jones@canrem.com
Message-ID: <60.5046.5773.0N1A0B45@canrem.com>
Source record: 273575

> LT> So my question is, who was right. Even if I had known the freqs,
> LT> I would not have given them because of the principle of the
> thing, but
> LT> legally, who was right?
>
> Its illegal to INTENTIONALLY listen to a cellphone conversation, no
> matter WHERE you hear it. And besides, ALL cellphones work on ALL

It's not illegal to listen to them in Canada. Remember that Usenet is worldwide and so far it's only illegal to monitor cellphones in the U.S.

Steve
* JABBER v1.1 * The Borg assimilated my race & all I got was this T shirt.

4535. Any comments

Newsgroup: rec.radio.scanner
Date: 1994-06-02 20:13:22 UTC
From: messierj@ERE.UMontreal.CA
Message-ID: <messierj.770588002@brise.ERE.UMontreal.CA>
Source record: 273663

I would like to know from experts their opinions on Pro-36.
I have an occasion and would like to know if i should buy it.

Thanks

4536. Pro-36

Newsgroup: rec.radio.scanner
Date: 1994-06-02 20:50:33 UTC
From: messierj@ERE.UMontreal.CA
Message-ID: <messierj.770590233@brise.ERE.UMontreal.CA>
Source record: 273618

Hi

I have an occasion on a Pro-36 in good conditions, and I would
like to know if it is a good deal, I mean performances, range, price,
and any other important detail.

Thanks

4537. Re: Peak Conservation Receivers via Utility Companies.

Newsgroup: rec.radio.scanner
Date: 1994-06-02 20:53:03 UTC
From: scan911@aol.com
Message-ID: <2slgrf$mdu@search01.news.aol.com>
Source record: 273535

In article <2riuc8$fbn@corpgate.nt.com>, magnet@nRCHs022 (Brad Glidewell) writes:

> So... what is the frequency?

BRAD: The frequency, as I said is my local power provider's local dispatch frequency. It is IES Utiliites Inc. (formerly Iowa Southern Utilities Co.) and it is on 158.130 MHz. That won't help you unless you live in the area around Burlington, Iowa, however.

73,

Chuck Gysi, N2DUP
scan911@aol.com

4538. Re: Fast Food Drivethrus

Newsgroup: rec.radio.scanner
Date: 1994-06-02 21:05:20 UTC
From: glyle@marie.seas.ucla.edu
Message-ID: <1994Jun2.210520.11334@enterprise.rdd.lmsc.lockheed.com>
Source record: 273612

I'm curious. Why would anyone want to listen to drive-through order discussions? I think it would get pretty boring after oh... say... 30 seconds or so.

Of course, this could be the start of the "Have you ever helped your McDonalds with your scanner?" thread! :-)

Enlightenment, please?

George

4539. Help With 150MHz Images-Pro43?

Newsgroup: rec.radio.scanner
Date: 1994-06-02 21:12:25 UTC
From: veith@cherokee.nsuok.edu
Message-ID: <1994Jun2.211225.16429@cherokee.nsuok.edu>
Source record: 273667

As others have reported, so do I have problems with overloading and/or images in the 150-160 Mhz range. I had hoped for better performance from a triple conversion receiver.

My particular situation is thus: I'm using the '43 in a location about a mile and a half from "watertower hill" the central site where all repeaters in my rural community are located. Sheriff, Police, Fire, Amateur, etc. My problem is overloading or imaging from the Pager system (not sure of it's location). The Pagers are totally wrecking my reception.

Anyone tackled this problem successfully? I thought about switching to the lowest gain antenna I could find or build an outboard attenuator but...that would in turn wreck my dx and weak signal reception. I wonder...what about a brute force sharp filter for the paging freq?

Any ideas will be appreciated.

Charles (KG5TV) veith@cherokee.nsuok.edu Tahlequah, OK

4540. Pro-2027

Newsgroup: rec.radio.scanner
Date: 1994-06-02 22:07:00 UTC
From: charles.marks@compudata.com
Message-ID: <12a.2185.757.0N3E2044@compudata.com>
Source record: 273665

I just bought a Pro-2027 at Radio Shack for $220. They had the Pro-2026 on sale for $149 but because it's a mobile scanner I would have had to also buy their regulated 120VAC-to-12VDC power supply. But that would have jacked the price up to about $210. The guy at Ratfink Shack told me that the Pro-2026's could not be modified to receive the 869-895MHz band. Was he pulling my leg or what? Anyway, what I want to know is does anyone know where I could get something comparable to the Pro-2027, for a lower price? I'm trying to stay away from a mobile unit if I can. Also am I missing anything good by not being able to pick up 869-895MHz? I made sure that Ratsh*T Shack would take the scanner back if I found something better in the next 30 days. So come on folks I need some help. Help save me money!!!

.....

4541. Re: Anyone own the MAX 800 from Cellular Se

Newsgroup: rec.radio.scanner
Date: 1994-06-02 22:23:22 UTC
From: ken@boxhill.com
Message-ID: <2slm4q$m7o@boxhill.boxhill.com>
Source record: 273544

In <CqC02o.A37@freenet.carleton.ca> an678@FreeNet.Carleton.CA (Robert C. Walker) writes:

>The price seems outrageous, and I know people who have built their own
>versions of the MAX 800. But, the unit is well built and really helps.

kevin.jessup@mixcom.com (Kevin Jessup) then adds:

> As I understand it, the MAX800 is a 1/4 wave groundplane designed
> for 800/900 MHz. It is NOT a wide-band antenna. I've built my own
> 1/4 wave 800/900 MHz ground plane from an SO239 (UHF female panel
> mount) connector and welding rod. Sucks in 800 and 900 MHz stuff
> like crazy. Total cost (with coax): about $10.00.

I'll add that I took a good look at the MAX antennas (including the
MAX800) at the MAX booth at a recent hamfest.

Kevin N9SQB is right, they are just 1/4 wave groundplanes.
Upon further inspection, it turns out that they are built out of
what appears to be a regular SO239 panel mount, just like in the
ARRL books! The SO239 is nicely shrouded with a PVC (white plastic)
plumbing end-cap with holes in in to pass the rod elements, which
is why you cannot see the SO239 in the ads. The bottom is not sealed
in any way, so just looking up inside the PVC end-cap relveals the
SO239.

Conclusion: the MAX groundplanes are just standard "out of the book"
groundplanes, albeit nicely built ones.
For example, the rod element ends have little rubber tips pushed on
to give them a nicer appearance.
If you want a nice groundplane antenna (and they have all the
popular bands available, not just 800Mhz) , do not wish to
pick up a soldering gun to make your own, and money is no problem,
then why not.

MAX also had a nice 2M Quad antenna on display, build out of nice
fiberglass rod spreaders, adjustable retaining clips and copper
wire. Again, nothing the average ham could not build herself,
it's just that MAX did a nice job, and charges for it.

My homebuilt groundplanes (which I built for 2m and 70cm, not 800mhz)
cost me less than $10, just like Kevin. Also, I at least derived
some satisfaction from building my own which performs identically
to a commercial (MAX) version...

Hope this info is useful.

73
Ken N2TIA (ken@boxhill.com)

4542. Re: Cellular Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-02 22:49:54 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770617396@f747.n115.z1>
Source record: 273546

-=> Quoting Shawn P. Legrand to All <=-

SPL> Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) wrote:
: -=> Quoting Andy Domonkos to All <=-
SPL>
: AD> Does anyone know what the cellular frequency channel allocations are?
: AD> I have the range but not broken down by channel allocations. Thanks.
SPL>
SPL> : Andy...
SPL> : Cellular freqs are between 869 and 894 Mhz, in 30 Khz steps.
SPL> So, avoid : these frequencies as it is unlawful in the U.S. <g>
SPL>
SPL> : Jerry
SPL>
SPL> I also hear cellular phones on about 1269 to 1280 MHz here in San
SPL> Diego (23 cm Amateur Band). Is this due to repeaters? Or is this some
SPL> form of an overflow system used by PacTel?
SPL>

Never heard of this? If I didn't know better, I would say you were
receiving activity in the 1200 range with a Bearcat 2500 scanner. Thus,
you would be receiving images of 869 to 880 Mhz.

Jerry

4543. Re: Davis , CHP freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-02 22:53:26 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770617397@f747.n115.z1>
Source record: 273543

-=> Quoting TERMINATOR3 to All <=-

TE> From: jdwong@garnacha.engr.ucdavis.edu (TERMINATOR3)
TE>
TE>
TE> I inherited a scanner but am clueless as what do with it.
TE> Playing with this scanner is very boring because I do not
TE> know any interesting frequencies.
TE>
TE> Does anyone have any interesting frequencies like the
TE> Davis Police Dept. or the UCD Police Dept., or the California
TE> Highway Patrol???
TE>

What kind of scanner are you using? I live in Chicago, so I wouldn't be able to help with freqs too much. Perhaps I may be able to help with the search feature to help you extract more excitement from your scanner.

Jerry

4544. Re: PRO 46...I want to buy a Scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-02 23:01:49 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770617398@f747.n115.z1>
Source record: 273545

-=> Quoting J4Dice to All <=-

J4> From: j4dice@aol.com (J4Dice)
J4>
J4> tshissl@orion.it.luc.edu (Todd M. Shissler) writes:
J4> : I am looking to buy a scanner in the near future, and would like
J4> the
J4> : phone number or recomendations of where to go to purchase one. I
J4> want to
J4> : stay away from radio shack because I have not been pleased with
J4> their
J4> : quality. Please e-mail me with this info soon...
J4>
J4> I agree with everyone else. I have had a 2006 and a Pro-46 for some
J4> time now and I am quite pleased with the 2006. It's well worth the
J4> investment and covers all the bands up to 1200 MHz. The 46 is not
J4> made by GRE and is certainly not as good as the 43. It is somewhat
J4> prone to intermod., but I got it at a great price and it's served me
J4> well as a portable & second scanner.

The 46 is actually made by Uniden, not GRE, for Radio Shack. Hence, the
intermod. The WX key is the clue that it is a Uniden made unit.

Jerry

4545. Re: Fast Food Drivethrus

Newsgroup: rec.radio.scanner
Date: 1994-06-02 23:03:07 UTC
From: tharrell@nmsu.edu
Message-ID: <2slofb$cqr@dns1.NMSU.Edu>
Source record: 273669

George Lyle (233789) (glyle@marie.seas.ucla.edu) wrote:
: I'm curious. Why would anyone want to listen to drive-through
: order discussions? I think it would get pretty boring after
: oh... say... 30 seconds or so.

A lot of times, the employees will chatter amongst themselves if it's not busy. Given that it appears that most fast-food employees are in high school, the conversations usually end up centering around related social aspects (who's going out with who behind who's back, who's the asshole of the day, etc.). Pretty boring stuff too.

--

T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

4546. Re: I want to buy a Scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-02 23:04:50 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770617399@f747.n115.z1>
Source record: 273541

-=> Quoting Brett Miller - N7OLQ to All <=-

BM-N> From: brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ)
BM-N>
BM-N> In article <770116900@f747.n115.z1> Jerry Smith
BM-N> <Jerry.Smith@f747.n115.z1.fidonet.org> writes: > TMS> I am looking to
BM-N> buy a scanner in the near future, and would like the > TMS> phone
BM-N> number or recomendations of where to go to purchase one. I want > TMS>
BM-N> to stay away from radio shack because I have not been pleased with >
TMS> their quality. Please e-mail me with this info soon. I have heard >
TMS>
BM-N> of a place called scanner world that has a catalog that you can order
> TMS> them trough. I would also like some info on this as well.
> Hi, Todd...
> You're kidding on RS quality scanners, aren't you? I have a 2004 and
>2006 which are both excellent receivers with no problems. The scanners are
>actually made by GRE of Japan. Don't sell them short. There are bad ones
>out there, mostly made by AOR.
BM-N>
BM-N> Keep in mind that until the 2004 came out, RS scanners were pretty bad
BM-N> -both by design and manufacturing. RS now has good desgns (thanks to
BM-N> GRE), but the manufacturing is still hit and miss. Out of the 4 RS
BM-N> scanners I have owned, only one has not given me some type of problem.
BM-N> QC on the 200x series seems to be better than many other models
BM-N> (although my 2005 has been slowly going deaf since I bought it in 1989
BM-N> - most freqs above 800 Mhz don't come in well any more).

I forgot that the 2004 series had some serious quality problems when they
first came out. Mostly, solderability was a serious flaw in early 2004
models.
I have a later production 2004 which has been used religously for
monitoring with no problems. A '34 provided excellent service until I sold
it for a 2500. (Huh, should have kept the '34.)

Jerry

4547. Cellular on the "blocked" PRO-51

Newsgroup: rec.radio.scanner
Date: 1994-06-02 23:04:51 UTC
From: schuster@panix.com
Message-ID: <2sloij$3f2@panix2.panix.com>
Source record: 273666

From:76174.637@CompuServe.COM (Howard Bornstein)

There is an interesting test mode in the PRO-51 that, combined with the direct search feature of the scanner, lets you pick up out-of-band frequencies. You will have full access to the 66-88 Mhz ranges as well as the cellular base range of 869-896 Mhz.

Actually, there are several test modes in the PRO-51 (most of these comments should be true for any Uniden-made Radio Shack scanner, such as the PRO-46). I'll describe them first and then how to take advantage of one of them to get the restricted frequencies.

There are three data test modes. These modes completely destroy any frequencies you had programmed into your scanner, so it's best to use these techniques before you program your scanner. If you have already programmed it, you'll have to decide if these new capabilities are worth reprogramming.

Test mode 0. Clear the scanner.

A well-known method of clearing the scanner to all zeros is to hold down the 2 key, the 9 key, and turn on the scanner. All frequencies will be lost.

TEST MODE 1. Fill channels 1-25 with test frequencies.

Press the 2 key, the 9 key, the L/Out key, and turn on the scanner.

This fills channels 1-25 with these frequencies:

1 30.050
2 40.840
3 49.900
4 138.150
5 162.400
6 173.225
7 406.875
8 453.250
9 511.9125
10 108.500
11 118.800
12 127.175
13 135.500
14 66.450*
15 76.825*
16 87.425*
17 157.800
18 482.3625
19 29.000

20 54.000
21 806.000
22 857.200
23 888.96*
24 911.500
25 954.9125

* indicates not within the PRO-51's normal coverage. More on how to use these in a minute.

TEST MODE 2. Fill channels 1-17 with test frequencies.

Press 2, 9, Manual

Fills channels 1-17 with these frequencies:

30.00, 40.00, 50.00, 140.00, 155.00, 170.00, 410.00, 460.00, 510.00, 54.00, 109.00, 118.00, 127.00, 135.00, 810.00, 860.00, 950.00.

There is also a display diagnostic mode.

Display Test Mode.

Press 2, 9, Band or 2, 9, Moni.

This put the display in test mode. Every annunciator and every digit element is turned on in a scan from the left side of the display to the right. To keep this test mode continuous, release the buttons before the first scan finishes. This mode does not affect stored memory. Press any key to exit this display mode.

Now, if you've decided to try test mode 1, you will find several out-of-band frequencies stored in your memory channels. Channels 14-16 hold frequencies in the blocked out 66-88 Mhz range, and channel 23 holds a frequency in the blocked out cellular base range. Once you have these frequencies stored in a memory channel, the PRO-51's direct search feature will let you search though these ranges. In the cellular band, the scanner searches in the correct 30 Khz steps.

You don't have to keep these frequencies in these channels. You can move them to any channel in the scanner. First move them to a monitor channel.

While on a channel with one of these frequencies, open squelch completely. Press direct search button, either up or down. The direct search button puts the scanner into search mode and the open squelch holds the frequency. Then press the Monitor button. The frequency is now in the monitor channel indicated in the display.

Now you can move it to any regular memory channel in the scanner.

Enter the channel number
Press PROG
Press Monitor
Press the number of the monitor channel if the proper channel is not displayed
Press E(nter)

The frequency is now permanently stored in the memory channel. You can do a direct search from this memory channel at any time.

The 66-88 Mhz range mainly covers TV audio. However, there is a strange phenomenon concerning TV audio and the PRO-51. Channels 4, 5, and 6 audio fall within the 66-88 Mhz range, yet the PRO-51 will not pick up the audio frequency while searching in this range. However, TV channel 2 audio is at 59.75 Mhz. When you add the intermediate frequency of 21.6 Mhz, you get an image of the TV channel 2 audio appearing at 81.35 Mhz. This does come in, although raspy, since the PRO-51 is receiving in narrow FM mode while TV audio requires wide band FM mode for proper reception.

I'd be interested in anyone can verify that any of these test modes work on the PRO-46 or any other Uniden-made Radio Shack scanner.

The test modes I've described as modes 0 and 1 (clearing all channels and plugging in test freqs in the first 20 channels) have been around since the BC200XLT (I think also the BC100XLT). They also appear in the BC2500XLT, although I couldn't find any other test modes in that scanner. The BC220XLT allows you to do a display element test mode, but, unlike Jeff, I haven't confirmed any other modes as I don't want to wipe out all my channels. I expect that Uniden-made Radio Shack scanners will have at least these two modes and may have the other modes as well. I'm hoping a PRO-46 owner will test this for us.

I wish I could take the credit for coming up with this trick, although it's ironic that I had all of the relevant info in my head...I just didn't put it together.

The basis for this trick came from Glenn Cohen of Scanners Unlimited who was told this by someone who walked into his store. Glenn confirmed it with Larry Van Horn at Monitoring Times. I independently discovered modes 3 and 4, which, to my knowledge, have never been published before.

I did find the display test mode works on the BC220XLT but didn't want to lose all my memories to try the others. Thanks for biting the bullet and seeing what happens on yours! Of course, without the RS direct search feature, the test freqs in the Uniden-label scanners don't do much good.
--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4548. Re: Please rate this Scanner.

Newsgroup: rec.radio.scanner
Date: 1994-06-02 23:07:55 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770617400@f747.n115.z1>
Source record: 273539

```
MA> From: amike@maniac.med.miami.edu (Mike Alicea)
MA>
MA> Hi:
MA>
MA> Can someone tell me a bit abouth this scanner.
MA> I'm considering it.
MA>
MA> Uniden Bearcat Hand Held 200-Channel
MA> Synthesized Programmable Scanner

Mike...Do you have a model number by chance?

Jerry
```

4549. Re: Pro-2004 Repair Help

Newsgroup: rec.radio.scanner
Date: 1994-06-02 23:11:20 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770617401@f747.n115.z1>
Source record: 273542

-=> Quoting Kirk Smith to All <=-

KS> My Realistic Pro-2004 scanner has a sticky key. It looks like
KS> something has indented the number 6 key, causing it to stay pressed
KS> intermittantly. I've removed the screws that hold the PC board in place
KS> which contain the keys, but I'm still unable to remove the board. Does
KS> anyone know if this is glued to the membrane face, or if it's attached
KS> some other way? I'm thinking if I can get behind the membrane front, I
KS> can iron out the indentation of the keypad and fix the problem. The
KS> service manual has been of no help in this regard.
KS>

Hi, Kirk...
Membrane boards are a pain. It usually is two sheets of adhesive that
hold the metal parts together and short when there is slight pressure. If
the metal parts are damaged in some way, you get what you described.
Would probably be easier to replace the keypad or front panel.

Jerry

4550. Re: Pro-2027

Newsgroup: rec.radio.scanner
Date: 1994-06-02 23:36:37 UTC
From: dhughes@prairienet.org
Message-ID: <2slqe5$7gr@vixen.cso.uiuc.edu>
Source record: 273531

In a previous article, charles.marks@compudata.com (Charles Marks) says:

>I just bought a Pro-2027 at Radio Shack for $220. They had the Pro-2026
>on sale for $149 but because it's a mobile scanner I would have had to
>also buy their regulated 120VAC-to-12VDC power supply. But that would
>have jacked the price up to about $210. The guy at Ratfink Shack told me
>that the Pro-2026's could not be modified to receive the 869-895MHz....

Take back the 2027 and buy the 2026. You don't need the heavy-duty
expensive power supply; mine works fine with a 12VDC 500ma wall plug.
I use Radio Shack's 273-1652 at $10.95. Who cares that it's called a
"mobile"--it works fine indoors. And unless a new model is already out,
they lied to you about there being no way to do the mod.

I've toyed with the idea of buying a quick-release CB mount for my 2026,
so I could switch it back and forth from car to living room with no
effort. Just haven't gotten around to doing that yet.

My only complaint about using a mobile unit indoors is that the speaker
is on the bottom of the radio. Excellent for mobile use, but on the
table it loses volume. Solution--plug in an external speaker (this
radio has a handy minijack), listen to the radio upside down (the radio,
not you), or balance it on its side with the speaker facing you. I've
done all of these, and settled for turning the volume up higher with the
radio placed right-side-up on the table.

To save a little more--call MaryMac (the number is posted frequently),
and buy the 2026 (or even the 2027 if you insist) from them. They cut
Radio Shack's price substantially, and unless you live in Texas you save
the sales tax too.
--

4551. Re: Help With 150MHz Images-Pro43?

Newsgroup: rec.radio.scanner
Date: 1994-06-02 23:44:02 UTC
From: schuster@panix.com
Message-ID: <2slqs2$5hp@panix2.panix.com>
Source record: 273668

In article <1994Jun2.211225.16429@cherokee.nsuok.edu>,
Charles Veith <veith@cherokee.nsuok.edu> wrote:
>As others have reported, so do I have problems with overloading
>and/or images in the 150-160 Mhz range. I had hoped for better
>performance from a triple conversion receiver.
>
>My particular situation is thus: I'm using the '43 in a location
>about a mile and a half from "watertower hill" the central site
>where all repeaters in my rural community are located. Sheriff,
>Police, Fire, Amateur, etc. My problem is overloading or imaging
>from the Pager system (not sure of it's location). The Pagers
>are totally wrecking my reception.
>
>Anyone tackled this problem successfully? I thought about
>switching to the lowest gain antenna I could find or build
>an outboard attenuator but...that would in turn wreck my dx
>and weak signal reception. I wonder...what about a brute
>force sharp filter for the paging freq?

Someone on Fidonet suggested using a duckie cut for UHF (e.g. 440). The
reduced gain on VHF-hi might help, and it should still have acceptable
gain for 800. Haven't tried it, but it sounds reasonable.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4552. Re: Listening to Cordless Phones using BC100/200XLT

Newsgroup: rec.radio.scanner
Date: 1994-06-02 23:48:24 UTC
From: schuster@panix.com
Message-ID: <2slr48$61l@panix2.panix.com>
Source record: 273670

Like trn tells me: "Start using rec.radio.scanner".

In article <2JUN199412264741@nssdca.gsfc.nasa.gov>,
Resident MacWizard (301) 286-4405 <danclark@nssdca.gsfc.nasa.gov> wrote:
>A few days ago, someone posted a message that said something to the
>effect of a BC100XLT get better reception in the 46/49 bands than the
>BC200XLT. Is this really the case? If so, how much of a difference
>is it?

Shouldn't be. The RF circuit of the 200 is that of a 100 with an 800 MHz
downconverter board.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4553. Bearcat 260 Mods

Newsgroup: rec.radio.scanner
Date: 1994-06-03 00:10:56 UTC
From: acs@news.sccsi.com
Message-ID: <1994Jun3.001056.5940@nuchat.sccsi.com>
Source record: 273560

Does anyone have a source for mods to extend the frequency range of the Bearcat 260 scanner? Other than getting very hot on the top when the display dimmer is too high, this is a good scanner. But I need to extend the range somewhat. The scanner books I see on the shelves don't mention anything about conversions. Is there another model very similar that I can use to change the freq. range?
Thankd,

--
A. C. Spraggins acs@nuchat.sccsi.com
South Coast Computing Services, Inc. w5ezm@sugarland.ampr.org
P. O. Box 270355 (713) 917-5000
Houston, TX 77277-0355 (713) 917-5005 fax

4554. Re: Secret Service!

Newsgroup: rec.radio.scanner
Date: 1994-06-03 00:20:42 UTC
From: aplew@pipeline.com
Message-ID: <2slt0q$i7v@pipeline.com>
Source record: 273547

weisen@alw.nih.gov (Neil Weisenfeld) wrote:

>
>HighTech (hightech@mv.mv.com) wrote:
>: That last message seems to been truncated.....
>
>: The she....was the Turkish Prime Minister.....just in
>for a little shopping.
>
>I doubt that was the Secret Service, then. Protecting
>visiting dignitaries from other countries is done by a
>branch of the State Department (something like
>Department of State Protective Services, but I don't
>remember the real name). The SS is supposed to be for
>protecting *our* people.
>
>
>--Neil
>
>
>--
>Neil Weisenfeld, Computer Engineer Internet:
>weisen@nih.gov Nat'l Insts. of Health, 12A/2033
> Voice: +1 301 402 4030 Bethesda, MD 20892
> Fax: +1 301 402 2867

Actually, the Secret Service protects foreign Heads of State, i.e. Queen Elizabeth, and Heads of Government, i.e. Prime Minister John Major.

The State Department's Diplomatic Security Service protects other high ranking Foreign Goverment Officials, i.e. Foreign Ministers, and other Distinguished Foreign Visitors and Official Guests of the United States, i.e. Mandela, before being elected, Gorbachev, after leaving office, various Princes and Princesses, and the first ladies (or men) of foreign countries when visiting the U.S. without their Head of State/Head of Government spouses. The Diplomatic Security Service also provides protection for visiting Heads of Government of unrecognized countries.

-Tony
aplew@pipeline.com

4555. Re: are ALL cellullar phone monitorings illegal?

Newsgroup: rec.radio.scanner
Date: 1994-06-03 00:25:08 UTC
From: steven@sgb.oau.org
Message-ID: <Cqsp5x.lyo@sgb.oau.org>
Source record: 273589

bill nelson (billn@hpcvaac.cv.hp.com) wrote:
: Bud_Jamison@f1010.n202.z1.fidonet.org writes:
: :
: : Its illegal to INTENTIONALLY listen to a cellphone conversation, no
: : matter WHERE you hear it. And besides, ALL cellphones work on ALL
: : assigned freqs (between 869 and 894 mhz for the base end, 824-847 mhz
: : mobiles), you don't have any freqs that are assigned to different
: : manufacturers cellphones.

: Hm. This does not seem to be too clear. It is illegal to listen to
: the cellular band. Whether listening to images is also illegal is
: another matter.

Well, I can answer that one... It IS LEGAL, because you would obviously
be listening to attempt to determine the source of unwanted interference!!!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
GEnie: s.bradley6@genie.geis.com |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

4556. Re: Fast Food Drivethrus

Newsgroup: rec.radio.scanner
Date: 1994-06-03 00:31:01 UTC
From: strech1@aol.com
Message-ID: <2sltk5$p72@search01.news.aol.com>
Source record: 273673

In article <1994Jun2.210520.11334@enterprise.rdd.lmsc.lockheed.com>,
glyle@marie.seas.ucla.edu (George Lyle (233789)) writes:

>>Enlightenment, please?

Well, someone asked here somewhere for any drive thru freqs, and I
had some.
I only tune it in once in a while to see how good the set up is
working, for the restaraunts use low power. Sometimes the the
wireless intercom conversations are good when they are busy and short
tempered. But as exciting scanning,,, nah.

4557. Re: Javiation still in business?

Newsgroup: rec.radio.scanner
Date: 1994-06-03 00:33:28 UTC
From: steven@sgb.oau.org
Message-ID: <CqspJv.J0D@sgb.oau.org>
Source record: 273590

Jonathan Clough (Clough@javiaton.demon.co.uk) wrote:
: In article <CqIKzL.Lpo@sgb.oau.org> steven@sgb.oau.org "Steven Bradley" writes:

: > While it's a longshot I may dispatch mail to him from a French e-mail
: > address I still hold and see if it merits a response.

: Nothing received yet.

Actually, that was not sent, as I was hoping to find your e-mail address someplace (which I did not have, you did correct that problem though), and when you e-mailed me directly, I no longer needed to do so... hence I did not send...

It might be a good idea to include your internet address in your advertising :-)

Thanks for getting back so quickly, I was starting to wonder...

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
GEnie: s.bradley6@genie.geis.com |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

4558. Re: Cordless Penal Code (CA)

Newsgroup: rec.radio.scanner
Date: 1994-06-03 00:39:57 UTC
From: steven@sgb.oau.org
Message-ID: <CqspuM.J26@sgb.oau.org>
Source record: 273609
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Glen Roberts (glr@ripco.com) wrote:
: California Penal Code:

: Section 623.6 Eavesdropping on confidential communication transmitted between
: cordless phones; Punishment.

: (a) Every person who, maliciously and without the consent of all parties to
^^^^^^^^^^

Well, it's good to know it's still legal to listen to cordless phones
in California. From reading this, I quickly realized, you are not
breaking the law, as long as you are not listening with malicous
intent, ie with malice, or maliciously listening. I assume this to
mean with intent to cause harm, or to use the information to your
own personal gain, etc.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
GEnie: s.bradley6@genie.geis.com |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

4559. Need Detroit Grand Prix frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-03 00:47:16 UTC
From: eric@garnet.msen.com
Message-ID: <2sluik$3qu$1@garnet.msen.com>
Source record: 273548

Hey folks... Does anybody out there have any interesting frequencies for the Detroit Grand Prix on June 12th? What about Detroit Police frequencies (related or unrelated to the Grand Prix)? Thanks.
- - Eric
--
------------------<Golan Security/Defense Policy Studies>--------------------
eric@golan.org | The HOWITZER of truth on the | Holyland Harley-
72000.1256@compuserve.com | battlefield of propoganda. | Davidson Club
----

4560. Re: Hot Air Balloon freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-03 01:28:43 UTC
From: robinett@cscns.com
Message-ID: <robinett.13.00127B0F@cscns.com>
Source record: 273558

In article <2si8ds$bei@cville-srv.wam.umd.edu> thorn@wam.umd.edu (Greg) writes:
>From: thorn@wam.umd.edu (Greg)
>Subject: Hot Air Balloon freqs?
>Date: 1 Jun 1994 15:10:52 GMT

>Doe anyone know the freq that hot air balloon people use
>while in flight?

>Thanks, Greg (KD3SU)

Many hot air balloons have hand held aviation radios. Voice is around 118 to
136 MHz AM (not FM).

Rob Robinette
Monument, CO

4561. Re: Cordless Penal Code (CA)

Newsgroup: rec.radio.scanner
Date: 1994-06-03 02:02:43 UTC
From: gws@yaub.cmhnet.org
Message-ID: <1994Jun3.020243.28703@yaub.cmhnet.org>
Source record: 273578
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <Cqq75D.5A@rci.ripco.com> glr@ripco.com (Glen Roberts) writes:
>California Penal Code:
>
>(c) As used in this section and in Section 635, ``cordless telephone'' means
>a two-way low power communication system consisting of two parts -- a
>``base'' unit which connected to the public switched telephone network and a
>handset or ``remote'' unit -- which are connected by a radio link and
>authorized by the Federal Communication Commission to operate in the
>frequency bandwidths reserved for cordless telephones.

Looks like you can still listen in on baby monitors and
cordless phones connected to PBX systems or other private
switched phone networks.
--
Gary W. Sanders gws@n8emr.cmhnet.org, 72277,1325
N8EMR @ N8JYV (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]
HAM BBS 614-895-2553 (1200/2400/V.32/PEP) Voice: 614-895-2552 (eves/weekends)

4562. Re: Fast Food Drivethrus

Newsgroup: rec.radio.scanner
Date: 1994-06-03 02:34:16 UTC
From: kmorrill@strauss.udel.edu
Message-ID: <2sm4r8$dnl@strauss.udel.edu>
Source record: 273588

Scanning drivethrus is a fun way to introduce a passenger to the hobby of scanning. It is a direct and startling example of how extensive the hobby can be. After demonstrating this kind of reception to a friend, I explain how much of what goes through the air can be picked up.

On this group I have heard almost every category of scanning labeled as boring at one time or another. Taxi-cab listening was hit hard once. Cellular often is. I could add newspaper delivery now, but I won't, because for me, what is most interesting is not the specific content of the transmissions, but the fascinating fact that they can be intercepted with such ease.

Ever since I saw the Public Television series "Pioneers of the Air," I have sought the capability to receive as many radio signals as is possible. The attempt has initiated an inexhaustible hobby that could last several lifetimes.

When I collected postage stamps, I preferred cancelled stamps to mint ones, because they had a history. Frequencies are like that now. I don't linger long on the drivethru frequencies, but I smile when I log them, glad to have achieved that little bit more of access to the vast sea of active frequencies that surrounds me.

--
Ken Morrill <kmorrill@strauss.udel.edu>

4563. Re: Freeway Video Cameras

Newsgroup: rec.radio.scanner
Date: 1994-06-03 03:46:00 UTC
From: Brian.Flues@f239.n109.z1.fidonet.org
Message-ID: <339_9406031121@blkcat.fidonet.org>
Source record: 273610

DK>The DC cameras, as well as the rest of the stuff (signs, vehicle
DK>detectors, etc) are sent via Coax to the Traffic management center. New
DK>expansions on I-66 and I-95 will be all fiberoptic cable. IF you could
DK>tap into the cable, it would be very difficult to find the right freqency
DK>on the coax for the signs, and nearly impossible to do with the fiberoptic
DK>system.

Naw, I was just kidding, but there are temporary signs that do have
cellular antennas on them I was discussing this recently with my
local sysop and he mentioned that a ARDIS protcol might be used to
control them. I'll continue to monitor the construction traffic
along I 95 and see if I can find the company that services and
supplies these signs (I remember hearing them a while ago).

Brian
DK>--
DK> dkrauss@netcom.com

DK>---
DK> * Origin: The Black Cat's Usenet <=> Fidonet Gateway (1:109/42)
***
* SLMR 2.1a * I prefer "Wireless Communications Mongrel"

Fidonet: Brian Flues 1:109/239
Internet: Brian.Flues@f239.n109.z1.fidonet.org

4564. Bearcat Mods

Newsgroup: rec.radio.scanner
Date: 1994-06-03 03:46:01 UTC
From: bolan@aol.com
Message-ID: <2sm91p$rvl@search01.news.aol.com>
Source record: 273580

I'm calling from America Online, thus dont' have access to an FTP site to dl any files.

I have both a BC 100XLT, and a BC 950 XLT.

Any mods for either or both would be appreciated.

If you can't leave them in a message here, leave me mail with the name of a BBS to call, that I could dl the file from.

Thanks in advance.

Mack

4565. Re: MacDonald's Wireless Headset Freq?

Newsgroup: rec.radio.scanner
Date: 1994-06-03 04:27:23 UTC
From: johnnyrock@delphi.com
Message-ID: <B49M2Nz.johnnyrock@delphi.com>
Source record: 273577

We have 154.600 here in SW Michigan

4566. McDonald's Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-03 04:57:45 UTC
From: jdross@sdcc13.ucsd.edu
Message-ID: <68795@sdcc12.ucsd.edu>
Source record: 273585

Since I saw that someone asked about McDonald's Freqs, I
thought I'd post what I have. I've heard action on a few of these
freqs, but not all of them. Have fun!

-McDonalds 30.840 154.570 154.700
35.020 154.600 169.445
33.140 151.895 165.600
31.000 151.715 151.775
467.775 154.060 457.550
Wireless Mic Freqs. 170.245 170.305 171.105
171.905

J.D. Ross
La Jolla, CA
jdross@sdcc13.ucsd.edu

4567. Re: Cordless Penal Code (CA)

Newsgroup: rec.radio.scanner
Date: 1994-06-03 06:21:55 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun3.062155.2196@hpcvaac.cv.hp.com>
Source record: 273591
Cross-posted to: rec.radio.scanner,alt.radio.scanner

gws@yaub.cmhnet.org (Gary Sanders(n8emr)) writes:
: In article <Cqq75D.5A@rci.ripco.com> glr@ripco.com (Glen Roberts) writes:
: >California Penal Code:
: >
: >(c) As used in this section and in Section 635, ``cordless telephone'' means
: >a two-way low power communication system consisting of two parts -- a
: >``base'' unit which connected to the public switched telephone network and a
: >handset or ``remote'' unit -- which are connected by a radio link and
: >authorized by the Federal Communication Commission to operate in the
: >frequency bandwidths reserved for cordless telephones.
:
: Looks like you can still listen in on baby monitors and
: cordless phones connected to PBX systems or other private
: switched phone networks.

More to the point, you must listen "maliciously". That might be an
interesting word for the court, and jury, to consider.

Bill

4568. Re: ARE ALL CELLULLAR PHONE MONITORINGS ILL

Newsgroup: rec.radio.scanner
Date: 1994-06-03 06:25:41 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun3.062541.2264@hpcvaac.cv.hp.com>
Source record: 273592

brian.oakley@chrysalis.org writes:
:
: re bills thought that listening to images of cellular communications isnt
: illegal:
: sorry bill but the actual law wording is very clear. the wording says the
: type of communications that are illegal to intercept, not the frequencies. ecpa
: covers a lot more than cellular phones. cellular phones are considered
: communications not intended for monitoring or reception by the general public
: and are therefore illegal to monitor via ecpa. doesnt matter if you use a
: scanner, or tv, or whatever. 73.

I said I didn't know - I made no claim one way or the other.

Bill

4569. Re: Cellular on the "blocked" PRO-51

Newsgroup: rec.radio.scanner
Date: 1994-06-03 07:54:47 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.269.0007E9FA@ccm.hf.intel.com>
Source record: 273602

In article <2sloij$3f2@panix2.panix.com> schuster@panix.com (Michael Schuster) writes:

>From:76174.637@CompuServe.COM (Howard Bornstein)

>There is an interesting test mode in the PRO-51 that, combined with the direct
>search feature of the scanner, lets you pick up out-of-band frequencies. You
>will have full access to the 66-88 Mhz ranges as well as the cellular base
>range of 869-896 Mhz.

Howard also mentioned that this trick worked with the new Pro-23.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4570. RE: are ALL cellular phone monitorings illegal

Newsgroup: rec.radio.scanner
Date: 1994-06-03 09:25:09 UTC
From: davidm@iglou.iglou.com
Message-ID: <1994Jun3.092509.15214@iglou.com>
Source record: 273595

Recently, brian.oakley@chrysalis.org said this here:

> sorry bill but the actual law wording is very clear. the wording says the
> type of communications that are illegal to intercept, not the frequencies.
> ecpa covers a lot more than cellular phones. cellular phones are considered
> communications not intended for monitoring or reception by the general public
> and are therefore illegal to monitor via ecpa. doesnt matter if you use a
> scanner, or tv, or whatever. 73.

I'm glad someone has finally pointed this out. The ECPA makes it illegal to monitor just about anything that begins or ends with a wire-line communication. Besides cellular telephone, the ECPA makes it illegal to monitor pagers and a lot of stuff most people never even thought about, and the law couldn't care less about how you actually go about monitoring it. If I were to write down what was said in a cellular phone call on a piece of paper, hand you the paper, and you read it, that is a violation of the ECPA (not to mention I just violated the Communications Act of 1934 also). Just because I'm a curious kind of person, I checked the ECPA before I started writing on this reply. In the text of the law, the words "cellular telephone" only appear TWICE. The word "scanner" does not appear ANY. And that is in a text file that is over 2300 lines long!

Now, before anyone gets the wrong idea, please note that this applies to only the United States and its possessions, and please also note that I'm not preaching about whether or not you should monitor cellular phone...my 2004's all seem to have a few clipped diodes too ;-)

Anyway, based on what I have read in this group over the last few weeks, it appears to me that atleast 80% of the people here have never actually read the ECPA. So, with that in mind, if anyone reading this wants a copy of the Electronic Communications Privacy Act of 1986, complete with the index and the table of contents, and you can't locate it anywhere else, drop me some email and I'll be happy to email it to you. But be warned, this law is some of the hardest to read government mumbo-jumbo you are likely to ever see! All I ask is that when you send the email, please put "ecpa" in the subject line. I belong to about a dozen or so lists, and its not unusual for me to get a hundred messages a day. If you put "ecpa" in the subject line, that means I'll see it easily and act upon it as soon as I can, otherwise it may be a week or more before I notice your request. Also, please let me know if it is a problem for you to receive email messages that are 100k or so long.

Happy listening!

David
davidm@iglou.com

4571. Impedence of a car radio antenna

Newsgroup: rec.radio.scanner
Date: 1994-06-03 11:25:51 UTC
From: snkhan@mason1.gmu.edu
Message-ID: <2sn3vv$i9a@portal.gmu.edu>
Source record: 273601

Hi! I want to know what is the impedence of a normal radio
antenna in motor cars. Please send me mail

-Thanks

snkhan@mason1.gmu.edu

4572. Re: Listening to Cordless Phones using BC100/200XLT

Newsgroup: rec.radio.scanner
Date: 1994-06-03 14:06:00 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Jun3.140600.3409@rsg1.er.usgs.gov>
Source record: 273603

In article <2slr48$61l@panix2.panix.com>, schuster@panix.com (Michael Schuster) writes:
|> Like trn tells me: "Start using rec.radio.scanner".
|> In article <2JUN199412264741@nssdca.gsfc.nasa.gov>,
|> Resident MacWizard (301) 286-4405 <danclark@nssdca.gsfc.nasa.gov> wrote:
|> >A few days ago, someone posted a message that said something to the
|> >effect of a BC100XLT get better reception in the 46/49 bands than the
|> >BC200XLT. Is this really the case? If so, how much of a difference
|> >is it?
|>
|> Shouldn't be. The RF circuit of the 200 is that of a 100 with an 800 MHz
|> downconverter board.
|>

The problem is that the 800 Mhz daughter board in the 200 is mounted over
components on the main board and apparently it causes a reduction in
VHF-LO signal...

--
++
+ Tom Bodoh - Section Manager, Systems Engineering and Management, Hughes STX +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) Amateur radio call; N0YGT +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

4573. Re: Hot Air Balloon freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-03 14:15:09 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Jun3.141509.3736@rsg1.er.usgs.gov>
Source record: 273554

In article <robinett.13.00127B0F@cscns.com>, robinett@cscns.com (Rob Robinette) writes:
|> In article <2si8ds$bei@cville-srv.wam.umd.edu> thorn@wam.umd.edu (Greg) writes:
|> >From: thorn@wam.umd.edu (Greg)
|> >Subject: Hot Air Balloon freqs?
|> >Date: 1 Jun 1994 15:10:52 GMT
|>
|> >Doe anyone know the freq that hot air balloon people use
|> >while in flight?
|>
|> Many hot air balloons have hand held aviation radios. Voice is around 118 to
|> 136 MHz AM (not FM).

Around here they tend to use 151.625 which is an itinerant frequency. The
radios are available cheaply most anywhere and I suspect that most don't
bother with the formality of a license. I just listened to 5 baloons on the
way into work today. We see a lot of them as there is a major manufacturer
of them in town. We get to see the custom baloons first - such as the
promotional beer/pop cans, houses and arks. They even make most of the
parade baloons, such as mickey, snoopy, etc...

--
++
+ Tom Bodoh - Section Manager, Systems Engineering and Management, Hughes STX +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) Amateur radio call; N0YGT +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

4574. Re: are ALL cellullar phone monitorings illegal?

Newsgroup: rec.radio.scanner
Date: 1994-06-03 15:42:59 UTC
From: dbushong@wang.com
Message-ID: <Cqtvno.33o@wang.com>
Source record: 273605

steven@sgb.oau.org (Steven Bradley) writes:

>bill nelson (billn@hpcvaac.cv.hp.com) wrote:
>: Bud_Jamison@f1010.n202.z1.fidonet.org writes:
>: :
>: : Its illegal to INTENTIONALLY listen to a cellphone conversation, no
>: : matter WHERE you hear it. And besides, ALL cellphones work on ALL
>: : assigned freqs (between 869 and 894 mhz for the base end, 824-847 mhz
>: : mobiles), you don't have any freqs that are assigned to different
>: : manufacturers cellphones.

>: Hm. This does not seem to be too clear. It is illegal to listen to
>: the cellular band. Whether listening to images is also illegal is
>: another matter.

>Well, I can answer that one... It IS LEGAL, because you would obviously
>be listening to attempt to determine the source of unwanted interference!!!

It would seem that it is illegal. The wording is:

CHAPTER 119. WIRE AND ELECTRONIC COMMUNICATIONS INTERCEPTION AND
INTERCEPTION OF ORAL COMMUNICATIONS

Sec. 2510. Definitions

As used in this chapter --

(1) "wire communication" means any aural transfer made in whole or in
part through the use of facilities for the transmission of communications
by the aid of wire, cable, or other like connection between the point of
origin and the point of reception (including the use of such connection in
a switching station) furnished or operated by any person engaged in
providing or operating such facilities for the transmission of interstate
or foreign communications or communications affecting interstate or
foreign commerce and such term includes any electronic storage of such
communication, but such term does not include the radio portion of a
cordless telephone communication that is transmitted between the cordless
telephone handset and the base unit;

(2) "oral communication" means any oral communication uttered by a
person exhibiting an expectation that such communication is not subject to
interception under circumstances justifying such expectation, but such
term does not include any electronic communication;

(3) "State" means any State of the United States, the District of
Columbia, the Commonwealth of Puerto Rico, and any territory or possession
of the United States;

(4) "intercept" means the aural or other acquisition of the contents of any wire, electronic, or oral communication through the use of any electronic, mechanical, or other device.

[note: no distinction as to whether "any device" is operating with poor image rejection]

[...]

Sec. 2511. Interception and disclosure of wire, oral, or electronic communications prohibited

(1) Except as otherwise specifically provided in this chapter any person who--

(a) intentionally intercepts, endeavors to intercept, or procures any other person to intercept or endeavor to intercept, any wire, oral, or electronic communication;

(b) intentionally uses, endeavors to use, or procures any other person to use or endeavor to use any electronic, mechanical, or other device to intercept any oral communication when--

[etc.]

Dave
--
Dave Bushong, Wang Laboratories, Inc.

4575. Re: are ALL cellular phone monitorings illegal

Newsgroup: rec.radio.scanner
Date: 1994-06-03 16:00:26 UTC
From: dbushong@wang.com
Message-ID: <CqtwGr.5JA@wang.com>
Source record: 273607

davidm@iglou.iglou.com (David Michael Moore) writes:

>Recently, brian.oakley@chrysalis.org said this here:

>> sorry bill but the actual law wording is very clear. the wording says the
>> type of communications that are illegal to intercept, not the frequencies.
>> ecpa covers a lot more than cellular phones. cellular phones are considered
>> communications not intended for monitoring or reception by the general public
>> and are therefore illegal to monitor via ecpa. doesnt matter if you use a
>> scanner, or tv, or whatever. 73.

>I'm glad someone has finally pointed this out. The ECPA makes it illegal to
>monitor just about anything that begins or ends with a wire-line communication.
>Besides cellular telephone, the ECPA makes it illegal to monitor pagers and
>a lot of stuff most people never even thought about [...]

According to Title 18, Part I, Chapter 119, Section 2510, (12)(C),
tone-only pagers are exempted. I think that's where it is - I'll have
to look it up.

>But be warned, this law is some of the
>hardest to read government mumbo-jumbo you are likely to ever see!

Don't forget - it's also technically inaccurate and vague in many places.

Dave
--
Dave Bushong, Wang Laboratories, Inc.

4576. wanted computer controlled broadcast band radio

Newsgroup: rec.radio.scanner
Date: 1994-06-03 16:35:57 UTC
From: hunter@work.nlm.nih.gov
Message-ID: <HUNTER.94Jun3123557@work.nlm.nih.gov>
Source record: 273381

(sorry if this is a duplication.)

Folks,

I have an application which requires the remote monitoring of a variety of broadcast stations. I basically need a moderately high fidelity broadcast band radio (AM/FM, US station spacing) that can be computer controlled. That is, I need to be able to turn the radio on and off, and set the reception frequency by PC. I also need a line-level audio output. I will probably be buying between 50 and 100 of these, so price is somewhat of an issue.

I have a couple of questions:

1. Are there "tuner" cards that fit into a PC chasis? What is their performance like in the rf environment inside a computer? Does anyone have any specific experience with them?

2. I am aware of the Kenwood RZ-1, which seems like overkill for this application. Does anyone know of any other radios that both tune the broadcast bands and have a serial port control?

Any other advice or input is welcome. Thanks!

Larry

--
Lawrence Hunter, PhD.
National Library of Medicine
Bldg. 38A, MS-54
Bethesda. MD 20894 USA
tel: +1 (301) 496-9300
fax: +1 (301) 496-0673
internet: hunter@nlm.nih.gov
encryption: public key via RIPEM server or "finger hunter@work.nlm.nih.gov"

4577. Anyone doing any Seismic Monitoring?

Newsgroup: rec.radio.scanner
Date: 1994-06-03 18:17:48 UTC
From: kjn@netcom.com
Message-ID: <kjnCqu2tp.KE7@netcom.com>
Source record: 273613

Is anyone else monitoring any of the USGS seismograph telemetry signals
in the 162-174 Mhz, 216-220 Mhz, or the 406-420 Mhz bands?

I use a homebrew demodulator to decode the telemetry (non-encrypted for the
ECPA fans) and feed the +/- 5vdc signal to an A/D card in a 286 computer.
The seismograms are displayed real-time and interesting events saved to a
data file.

I'm looking to find some other demodulator circuit designs...

--
kjn@netcom.com (Ken Navarre)

4578. Re: Ar3000a Earphone Jac

Newsgroup: rec.radio.scanner
Date: 1994-06-03 18:49:58 UTC
From: magnet@nRCHs022
Message-ID: <2snu0m$30r@corpgate.rich.nt.com>
Source record: 273611

Brett Kollar (Brett.Kollar@f747.n115.z1.fidonet.org) wrote:
|I just had the whole scanner apart on the the work bench yesterday to find a
|way to tap into the 45Mhz IF and didn't even think to look at why the jack
|wasn't working correctly. I figured I could pull the IF to one of the spare
|pins on the DIN and use it in the future...

Were you succesful in your mod? Care to provide any details?
Thanks.

--
brad.glidewell@nt.com
P.C. Definition of Ugly:
Physicaly ill-favored

4579. Re: Pro-43 TV Interference!

Newsgroup: rec.radio.scanner
Date: 1994-06-03 19:21:39 UTC
From: magnet@nRCHs022
Message-ID: <2snvs3$30r@corpgate.rich.nt.com>
Source record: 273614

Matt Mercer (v-mattm@microsoft.com) wrote:
| My Pro-43 picks up the local religious TBN Christian
|Broadcasting Network, on 460.050, the primary police dispatch
|channel, and it is very annoying! Only when there is actual
|police transmissions, is this interference muted. The interference
[deletia]
|these buildings "natural" receptors, and why, religious broadcasting, of
|all things?

|Thanks,
|Matt

Matt, Maybe someones' trying to tell you something? ;-)

--
brad.glidewell@nt.com

4580. Re: ICOM R1 TROUBLES ???!!

Newsgroup: rec.radio.scanner
Date: 1994-06-03 19:45:13 UTC
From: magnet@nRCHs022
Message-ID: <2so189$30r@corpgate.rich.nt.com>
Source record: 273616

Reider. Richard 286-6457 (reider@acrux.GSFC.NASA.GOV) wrote:
|My new R1 seems to be working oddly. When it scans it
|skips over active channels. Adjusting the squelch doesn't
|solve my problem. If I directly dial in a channel it does
|pick up the strong active signal, but if I scan over the
|freqs the scanner just goes right over it. Any reasons ??

|Let me add that it does pick up some channels sometimes,
|but it seems to be skipping active channels alot of the time.

|Any help would be appreciated.

I'm surprised this topic has not come up before! When I first
got my R1, I experienced the SAME thing! Look into the MANUAL
(oh no! not the MANUAL!!) for the section on using the setup
facility. There is a feature called "powersave" or somthing
like that which is on by default. This "feature" prevents
the unit from locking on a frequency for more than 10 seconds.

Is your radio stopping for exactly 10 seconds? if it is, then
this is probably your problem.

--
brad.glidewell@nt.com
o
)>
___./]___

4581. Re: no effect on hams?

Newsgroup: rec.radio.scanner
Date: 1994-06-03 19:55:59 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.770673359@constellation.ecn.purdue.edu>
Source record: 273620

jkearman@arrl.org (Jim Kearman (KR1S)) writes:

>David Stark (David.Stark@p2.f333.n2613.z1.fidonet.org) wrote:

>: In actuality, ARRL stands for AMERICAN Radio Relay League. That name
>: would seem to give even less of an excuse for such a narrow focus.

>Yep. Radio Relay League....sounds like scanning to me!
^^^^^

Since when does "radio" mean ONLY "Amateur Radio" ??

Let's see what Mr. Webster has to say about this.......

webster radio
Webster's 7th Collegiate Dictionary, Copyright (C) 1963 by Merriam-Webster, Inc. No part of this information may be copied or reprinted without the express written consent of the publisher.

1. ra.dio \'ra-d-e--.o-\ n [short for radiotelegraphy] 1a: the wireless transmission and reception of electric impulses or signals by means of electric waves 1b: the use of these waves for the wireless transmission of electric impulses into which sound is converted 2: a radio message 3: a radio receiving set 4a: a radio transmitting station 4b: a radio broadcasting organization 4c: the radio broadcasting industry 4d: communication by radio
2. radio aj 1: of, relating to, or operated by radiant energy 2: of or relating to electric currents or phenomena of frequencies between about 15000 and (10)11 per second 3a: of, relating to, or used in radio or a radio set 3b: specializing in radio or associated with the radio industry 3c1: transmitted by radio 3c2: making or participating in radio broadcasts 3d: controlled or directed by radio
3. radio vt 1: to send or communicate by radio 2: to send a radio message to : to send or communicate something by radio

Looks pretty much like about everything radio to me, Jim. Maybe it's about time for ARRL to change its name to "Amateur Radio Relay League", if they insist on sticking their heads in the sand of one narrow part of it all.

As much as I respect Jim for his comments in other forums, I have YET to hear any substantive comments from him or the ARRL as to just why they think the precedent of the Electronic Communications Piracy Act will never affect Amateur Radio. That's the PRECEDENT of it, as in influences on later decisions.

It is all too easy for them to say that the ECPA itself does not, which is probably true. It seems like the ARRL is unwilling to fight for the future, preferring to be mired in the past and unable to deal with the present.

Duane
wb9omc

4582. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-06-03 20:00:59 UTC
From: lakeith@robins.af.mil
Message-ID: <2so25r$gbr@wrdis02.robins.af.mil>
Source record: 273619

Thomas J. Harrell (tharrell@nmsu.edu) wrote:
: : >>I'm having a hard time knowing how to refer to someone who listens
: : >>to scanners. What do we call ourselves?

: My wife calls me "Scanner Nerd."
: --
How about:
Nosy..
A voyeur..
Entertainmentally Challenged Eavesdropper (PC term for a bored
listener).
Channel Cruiser..
Frequent Frequency Flipper...
Channel Grazer..

That's all I can come up with, on Friday..

Larry Keith

4583. Re: Bought a 2006, need MODS & TRICKS!

Newsgroup: rec.radio.scanner
Date: 1994-06-03 20:06:42 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.770674002@constellation.ecn.purdue.edu>
Source record: 273621

tcarnes@lightside.com (Todd W. Carnes) writes:

>Well, I'll give you the quick and dirty mod and then after that you should
>try to get ahold of the scanner modifcation handbooks. I hear they are
>chock full 2006 mods. I have a 2006 as well and have not gotten the book
>yet. I know shame shame. Anyway, take the cover off and find the two
>diodes behind the number 3 on the back of the keypad. Clip one leg of each
>of the diodes and separate them slightly. You will have just performed the
>scan speedup and cell restoration mod. There are many others for that
>model. Have fun.

Such as? The scaner mod book I got lists only those two.....

Duane

4584. Re: Cordless Penal Code (CA)

Newsgroup: rec.radio.scanner
Date: 1994-06-03 20:15:11 UTC
From: dbushong@wang.com
Message-ID: <Cqu89C.EF5@wang.com>
Source record: 273624
Cross-posted to: rec.radio.scanner,alt.radio.scanner

steven@sgb.oau.org (Steven Bradley) writes:

>Glen Roberts (glr@ripco.com) wrote:
>: California Penal Code:

>: Section 623.6 Eavesdropping on confidential communication transmitted between
>: cordless phones; Punishment.

>: (a) Every person who, maliciously and without the consent of all parties to
> ^^^^^^^^^^

> Well, it's good to know it's still legal to listen to cordless phones
> in California. From reading this, I quickly realized, you are not
> breaking the law, as long as you are not listening with malicous
> intent, ie with malice, or maliciously listening. I assume this to
> mean with intent to cause harm, or to use the information to your
> own personal gain, etc.

Assume what you want, but the legal meaning of "malice" is:

"The intent, without just cause or reason, to commit an unlawful act
that will result in injury to another or others."

You would have to show "just cause or reason" that you were listening
to the conversation, which is "an unlawful act."

Dave
--
Dave Bushong, Wang Laboratories, Inc.

4585. Re: Pro-2027

Newsgroup: rec.radio.scanner
Date: 1994-06-03 20:17:22 UTC
From: magnet@nRCHs022
Message-ID: <2so34i$30r@corpgate.rich.nt.com>
Source record: 273622

Dan Hughes (dhughes@prairienet.org) wrote:

|In a previous article, charles.marks@compudata.com (Charles Marks) says:

|>I just bought a Pro-2027 at Radio Shack for $220. They had the Pro-2026
|>on sale for $149 but because it's a mobile scanner I would have had to
|>also buy their regulated 120VAC-to-12VDC power supply. But that would
|>have jacked the price up to about $210. The guy at Ratfink Shack told me
|>that the Pro-2026's could not be modified to receive the 869-895MHz....

Remove the bottom cover, find small circuit board at front on unit,
cut jumper "L201" and spread it apart slightly. UR DONE!

|Take back the 2027 and buy the 2026. You don't need the heavy-duty
|expensive power supply; mine works fine with a 12VDC 500ma wall plug.

Yes! take it back! Get the 2026!

|I use Radio Shack's 273-1652 at $10.95. Who cares that it's called a
|"mobile"--it works fine indoors. And unless a new model is already out,
|they lied to you about there being no way to do the mod.

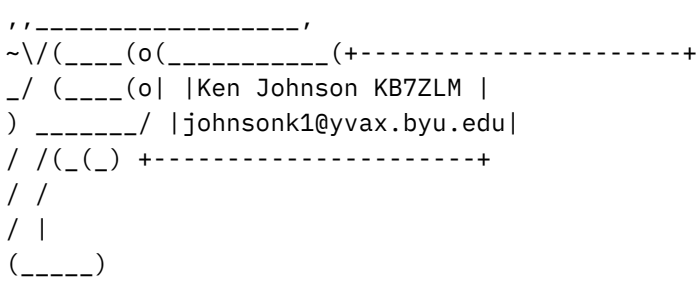
brad.glidewell@nt.com

4586. Re: Fast Food Drivethrus

Newsgroup: rec.radio.scanner
Date: 1994-06-03 20:31:05 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994Jun3.133105.7974@yvax.byu.edu>
Source record: 273615

In article <1994Jun2.210520.11334@enterprise.rdd.lmsc.lockheed.com>,
glyle@marie.seas.ucla.edu (George Lyle (233789)) writes:
> I'm curious. Why would anyone want to listen to drive-through
> order discussions? I think it would get pretty boring after
> oh... say... 30 seconds or so.
>
> Of course, this could be the start of the "Have you ever
> helped your McDonalds with your scanner?" thread! :-)
>
> Enlightenment, please?
>
> George

I agree that it would be boring, but at some places around here I'd like
to be tuned in while I go through the drive-thru so I can roll up my
window and not get my ear blasted with 150 decibles. Then maybe I could
understand what they're saying since I'd have a decent receiver with a
decent speaker, instead of the bad setup some of these places have.



4587. RS Frequency Counter

Newsgroup: rec.radio.scanner
Date: 1994-06-03 20:41:43 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994Jun3.134143.7975@yvax.byu.edu>
Source record: 273617

The other day I was in Radio Shack and noticed their frequency counter. Since I'm interested in getting one, I asked the guy if I could try it out. I got one of their CB's, and the thing tuned in only within about 25 ft. I had to put the thing within 6 inches of the room monitor and the wireless intercom in order for it to get their frequencies. Maybe I was doing something wrong, but that seems like very poor performance. We checked the batteries, and they were fine. The RS guy didn't know what the thing was, let alone how to operate it, and I didn't know too much either, so maybe we weren't using it right. Still, I'm saving my money for something better.


```
,,__________________,
~\/(____(o(___________(+----------------------+
_/ (____(o| |Ken Johnson KB7ZLM |
) _______/ |johnsonk1@yvax.byu.edu|
/ /(_(_) +----------------------+
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/ |
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4588. Helloset Cordless Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-03 20:42:54 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun3.204254.19616@hpcvaac.cv.hp.com>
Source record: 273530

Does anyone know the channels that are used by the Hello Direct HelloSet Cordless telephones.

The only information I have is that they are in the 902-928 MHz band segment. There are 32 channels, with a supposed channel spacing of 32KHz.

Bill

4589. Re: Wanted: Paramount Great America Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-03 20:53:58 UTC
From: bmp@cup.hp.com
Message-ID: <2so596$m8s@hpindda.cup.hp.com>
Source record: 273526
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Harry Salvini (salvini@wdl.loral.com) wrote:
: I'd like to get my hands on the frequencies used by Great America
: in Santa Clara, CA.

: Anyone got 'em handy?

: Last time we went there, they squawked about my having a 2M on my side
: and told me "scanners aren't allowed in here". I pointed out that I
: was a licensed HAM operator, and needed my radio in case of an
: emergency. They bought that!

: Now my curiosity is up, and I want to know what they're so hot and
: bothered about keeping quiet...

: +===+
: | salvini@wdl.loral.com (KB6VMQ) | Happily married to Kathy -+-|
: | Loral doesn't have a single | Jonathan - August 8, 1989 | |
: | thing to do with my opinions. | Jeremy - August 8, 1993 | |
: | They're mine! All mine! |ONE HAPPY DADDY! :-) Not A Typo |
: +--------------------------------+---------------------------------+
: | signature virus 2.1c - Copy me into your .sig if you love Jesus! |
: +===+
Great America has problems with youth gangs. I suspect their
paranoia about radios is related.
Brian

4590. Re: Cordless Penal Code (CA)

Newsgroup: rec.radio.scanner
Date: 1994-06-03 21:21:07 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun3.212107.20456@hpcvaac.cv.hp.com>
Source record: 273528
Cross-posted to: rec.radio.scanner,alt.radio.scanner

dbushong@wang.com (Dave Bushong) writes:
: > Well, it's good to know it's still legal to listen to cordless phones
: > in California. From reading this, I quickly realized, you are not
: > breaking the law, as long as you are not listening with malicous
: > intent, ie with malice, or maliciously listening. I assume this to
: > mean with intent to cause harm, or to use the information to your
: > own personal gain, etc.
:
: Assume what you want, but the legal meaning of "malice" is:
:
: "The intent, without just cause or reason, to commit an unlawful act
: that will result in injury to another or others."
:
: You would have to show "just cause or reason" that you were listening
: to the conversation, which is "an unlawful act."

Hm, I would think it would be the other way around - that the prosecutor
would have to prove that your act was going to result in injury to someone.

Or, does this law change the "innocent until proven guilty" part of the
Constitution of the US?

Bill

4591. Re: Bought a 2006, need MODS & TRICKS!

Newsgroup: rec.radio.scanner
Date: 1994-06-03 21:23:11 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun3.212311.20613@hpcvaac.cv.hp.com>
Source record: 273529

wb9omc@constellation.ecn.purdue.edu (Duane P Mantick) writes:
: tcarnes@lightside.com (Todd W. Carnes) writes:
:
: >Well, I'll give you the quick and dirty mod and then after that you should
: >try to get ahold of the scanner modifcation handbooks. I hear they are
: >chock full 2006 mods. I have a 2006 as well and have not gotten the book
: >yet. I know shame shame. Anyway, take the cover off and find the two
: >diodes behind the number 3 on the back of the keypad. Clip one leg of each
: >of the diodes and separate them slightly. You will have just performed the
: >scan speedup and cell restoration mod. There are many others for that
: >model. Have fun.
:
: Such as? The scaner mod book I got lists only those two.....

The scanner mod books by Bill Cheek contain a whole bunch of modifications
for the 2006, including such things as a signal level meter - 3600 (?)
storage locations etc.

Bill

4592. Re: RS Frequency Counter

Newsgroup: rec.radio.scanner
Date: 1994-06-03 21:24:47 UTC
From: horak@convex.com
Message-ID: <horak.770678687@convex.com>
Source record: 273527

In <1994Jun3.134143.7975@yvax.byu.edu> johnsonk1@yvax.byu.edu writes:

>The other day I was in Radio Shack and noticed their frequency counter. Since
>I'm interested in getting one, I asked the guy if I could try it out. I got
>one of their CB's, and the thing tuned in only within about 25 ft. I had to
>put the thing within 6 inches of the room monitor and the wireless intercom
>in order for it to get their frequencies. Maybe I was doing something wrong,
>but that seems like very poor performance.

No, those are very accurate ranges for those frequencies and power levels.

David

4593. Wanted: Uniden MR8100a Mobile/Base Scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-03 21:39:34 UTC
From: brianw@swqa-sun.NSD.3Com.COM
Message-ID: <2875@bridge2.NSD.3Com.COM>
Source record: 273532
Cross-posted to: rec.radio.scanner,rec.radio.swap,alt.radio.scanner

I looking for a Uniden MR8100a Mobile/Base Scanner. If you have one that
you want to sell, please let me know what your asking price is.

Brian Woodson - brianw@3com.com

--
Brian F. Woodson | Internet: brianw@swqa-sun.nsd.3Com.com
3Com Corporation | brian_woodson@3com.com
5400 Bayfront Plaza | Voice : (408-764-5274)
Santa Clara, CA 95052-8145 | Fax : (408-764-5002)

4594. Re: Hot Air Balloon freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-03 21:57:36 UTC
From: johng@ecs.comm.mot.com
Message-ID: <johng-030694165736@johng.comm.mot.com>
Source record: 273556

In article <1994Jun3.141509.3736@rsg1.er.usgs.gov>, bodoh@dgg.cr.usgs.gov (Tom Bodoh) wrote:

> Around here they tend to use 151.625 which is an itinerant frequency. The
> radios are available cheaply most anywhere and I suspect that most don't
> bother with the formality of a license. I just listened to 5 baloons on the
> way into work today. We see a lot of them as there is a major manufacturer
> of them in town. We get to see the custom baloons first - such as the
> promotional beer/pop cans, houses and arks. They even make most of the
> parade baloons, such as mickey, snoopy, etc...
>

I re-freqed a radio for a balloon guy onto 151.625 last fall. From what he said that frequency is in common use for this type of activity. I warned him that the frequency was really busy. I guess it was an improvement over the fire department channel that was in the radio when he bought it! He told me he almost got into trouble with the Canadian DOC when he interferred with a local fire department.

--
John Gilbert johng@ecs.comm.mot.com

4595. A detailed Frequency list as some requested

Newsgroup: rec.radio.scanner
Date: 1994-06-03 23:24:54 UTC
From: mike@world.std.com
Message-ID: <CquH1J.6uu@world.std.com>
Source record: 273533
Cross-posted to: rec.radio.scanner,alt.radio.scanner

```
CELLULAR BAND A
Cntrl 333 332 331 330 329 328 327 326 325 324 323 322 321 320 319 318 317 316 315 314 313
Tx MHz 879.99 879.96 879.93 879.90 879.87 879.84 879.81 879.78 879.75 879.72 879.69 879.66
879.63 879.60 879.57 879.54 879.51 879.48 879.45 879.42 879.39
Rx MHz 834.99 834.96 834.93 834.90 834.87 834.84 834.81 834.78 834.75 834.72 834.69 834.66
834.63 834.60 834.57 834.54 834.51 834.48 834.45 834.42 834.39
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Chanl 312 311 310 309 308 307 306 305 304 303 302 301 300 299 298 297 296 295 294 293 292
Tx MHz 879.36 879.33 879.30 879.27 879.24 879.21 879.18 879.15 879.12 879.09 879.06 879.03
879.00 878.97 878.94 878.91 878.88 878.85 878.82 878.79 878.76
Rx MHz 834.36 834.33 834.30 834.27 834.24 834.21 834.18 834.15 834.12 834.09 834.06 834.03
834.00 833.97 833.94 833.91 833.88 833.85 833.82 833.79 833.76
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Chanl 291 290 289 288 287 286 285 284 283 282 281 280 279 278 277 276 275 274 273 272 271
Tx MHz 878.73 878.70 878.67 878.64 878.61 878.58 878.55 878.52 878.49 878.46 878.43 878.40
878.37 878.34 878.31 878.28 878.25 878.22 878.19 878.16 878.13
Rx MHz 833.73 833.70 833.67 833.64 833.61 833.58 833.55 833.52 833.49 833.46 833.43 833.40
833.37 833.34 833.31 833.28 833.25 833.22 833.19 833.16 833.13
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Chanl 270 269 268 267 266 265 264 263 262 261 260 259 258 257 256 255 254 253 252 251 250
Tx MHz 878.10 878.07 878.04 878.01 877.98 877.95 877.92 877.89 877.86 877.83 877.80 877.77
877.74 877.71 877.68 877.65 877.62 877.59 877.56 877.53 877.50
Rx MHz 833.10 833.07 833.04 833.01 832.98 832.95 832.92 832.89 832.86 832.83 832.80 832.77
832.74 832.71 832.68 832.65 832.62 832.59 832.56 832.53 832.50
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Chanl 249 248 247 246 245 244 243 242 241 240 239 238 237 236 235 234 233 232 231 230 229
Tx MHz 877.47 877.44 877.41 877.38 877.35 877.32 877.29 877.26 877.23 877.20 877.17 877.14
877.11 877.08 877.05 877.02 876.99 876.96 876.93 876.90 876.87
Rx MHz 832.47 832.44 832.41 832.38 832.35 832.32 832.29 832.26 832.23 832.20 832.17 832.14
832.11 832.08 832.05 832.02 831.99 831.96 831.93 831.90 831.87
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-------------------------------------------------------------
Chanl 228 227 226 225 224 223 222 221 220 219 218 217 216 215 214 213 212 211 210 209 208
Tx MHz 876.84 876.81 876.78 876.75 876.72 876.69 876.66 876.63 876.60 876.57 876.54 876.51
876.48 876.45 876.42 876.39 876.36 876.33 876.30 876.27 876.24
Rx MHz 831.84 831.81 831.78 831.75 831.72 831.69 831.66 831.63 831.60 831.57 831.54 831.51
831.48 831.45 831.42 831.39 831.36 831.33 831.30 831.27 831.24
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Chanl 207 206 205 204 203 202 201 200 199 198 197 196 195 194 193 192 191 190 189 188 187
Tx MHz 876.21 876.18 876.15 876.12 876.09 876.06 876.03 876.00 875.97 875.94 875.91 875.88
875.85 875.82 875.79 875.76 875.73 875.70 875.67 875.64 875.61
Rx MHz 831.21 831.18 831.15 831.12 831.09 831.06 831.03 831.00 830.97 830.94 830.91 830.88
830.85 830.82 830.79 830.76 830.73 830.70 830.67 830.64 830.61

Chanl 186 185 184 183 182 181 180 179 178 177 176 175 174 173 172 171 170 169 168 167 166
Tx MHz 875.58 875.55 875.52 875.49 875.46 875.43 875.40 875.37 875.34 875.31 875.28 875.25
875.22 875.19 875.16 875.13 875.10 875.07 875.04 875.01 874.98
Rx MHz 830.58 830.55 830.52 830.49 830.46 830.43 830.40 830.37 830.34 830.31 830.28 830.25
830.22 830.19 830.16 830.13 830.10 830.07 830.04 830.01 829.98

Chanl 165 164 163 162 161 160 159 158 157 156 155 154 153 152 151 150 149 148 147 146 145
Tx MHz 874.95 874.92 874.89 874.86 874.83 874.80 874.77 874.74 874.71 874.68 874.65 874.62
874.59 874.56 874.53 874.50 874.47 874.44 874.41 874.38 874.35
Rx MHz 829.95 829.92 829.89 829.86 829.83 829.80 829.77 829.74 829.71 829.68 829.65 829.62
829.59 829.56 829.53 829.50 829.47 829.44 829.41 829.38 829.35

Chanl 144 143 142 141 140 139 138 137 136 135 134 133 132 131 130 129 128 127 126 125 124
Tx MHz 874.32 874.29 874.26 874.23 874.20 874.17 874.14 874.11 874.08 874.05 874.02 873.99
873.96 873.93 873.90 873.87 873.84 873.81 873.78 873.75 873.72
Rx MHz 829.32 829.29 829.26 829.23 829.20 829.17 829.14 829.11 829.08 829.05 829.02 828.99
828.96 828.93 828.90 828.87 828.84 828.81 828.78 828.75 828.72

Chanl 123 122 121 120 119 118 117 116 115 114 113 112 111 110 109 108 107 106 105 104 103
Tx MHz 873.69 873.66 873.63 873.60 873.57 873.54 873.51 873.48 873.45 873.42 873.39 873.36
873.33 873.30 873.27 873.24 873.21 873.18 873.15 873.12 873.09
Rx MHz 828.69 828.66 828.63 828.60 828.57 828.54 828.51 828.48 828.45 828.42 828.39 828.36
828.33 828.30 828.27 828.24 828.21 828.18 828.15 828.12 828.09

Chanl 102 101 100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82
Tx MHz 873.06 873.03 873.00 872.97 872.94 872.91 872.88 872.85 872.82 872.79 872.76 872.73
872.70 872.67 872.64 872.61 872.58 872.55 872.52 872.49 872.46
Rx MHz 828.06 828.03 828.00 827.97 827.94 827.91 827.88 827.85 827.82 827.79 827.76 827.73
827.70 827.67 827.64 827.61 827.58 827.55 827.52 827.49 827.46

Chanl 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61
Tx MHz 872.43 872.40 872.37 872.34 872.31 872.28 872.25 872.22 872.19 872.16 872.13 872.10
872.07 872.04 872.01 871.98 871.95 871.92 871.89 871.86 871.83
Rx MHz 827.43 827.40 827.37 827.34 827.31 827.28 827.25 827.22 827.19 827.16 827.13 827.10
827.07 827.04 827.01 826.98 826.95 826.92 826.89 826.86 826.83

Chanl 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40

Tx MHz 871.80 871.77 871.74 871.71 871.68 871.65 871.62 871.59 871.56 871.53 871.50 871.47
871.44 871.41 871.38 871.35 871.32 871.29 871.26 871.23 871.20
Rx MHz 826.80 826.77 826.74 826.71 826.68 826.65 826.62 826.59 826.56 826.53 826.50 826.47
826.44 826.41 826.38 826.35 826.32 826.29 826.26 826.23 826.20

Chanl 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19
Tx MHz 871.17 871.14 871.11 871.08 871.05 871.02 870.99 870.96 870.93 870.90 870.87 870.84
870.81 870.78 870.75 870.72 870.69 870.66 870.63 870.60 870.57
Rx MHz 826.17 826.14 826.11 826.08 826.05 826.02 825.99 825.96 825.93 825.90 825.87 825.84
825.81 825.78 825.75 825.72 825.69 825.66 825.63 825.60 825.57

Chanl 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
Tx MHz 870.54 870.51 870.48 870.45 870.42 870.39 870.36 870.33 870.30 870.27 870.24 870.21
870.18 870.15 870.12 870.09 870.06 870.03
Rx MHz 825.54 825.51 825.48 825.45 825.42 825.39 825.36 825.33 825.30 825.27 825.24 825.21
825.18 825.15 825.12 825.09 825.06 825.03

CELLULAR BAND B
Cntrl 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354
Tx MHz 880.02 880.05 880.08 880.11 880.14 880.17 880.20 880.23 880.26 880.29 880.32 880.35
880.38 880.41 880.44 880.47 880.50 880.53 880.56 880.59 880.62
Rx MHz 835.02 835.05 835.08 835.11 835.14 835.17 835.20 835.23 835.26 835.29 835.32 835.35
835.38 835.41 835.44 835.47 835.50 835.53 835.56 835.59 835.62

Chanl 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375
Tx MHz 880.65 880.68 880.71 880.74 880.77 880.80 880.83 880.86 880.89 880.92 880.95 880.98
881.01 881.04 881.07 881.10 881.13 881.16 881.19 881.22 881.25
Rx MHz 835.65 835.68 835.71 835.74 835.77 835.80 835.83 835.86 835.89 835.92 835.95 835.98
836.01 836.04 836.07 836.10 836.13 836.16 836.19 836.22 836.25

Chanl 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396
Tx MHz 881.28 881.31 881.34 881.37 881.40 881.43 881.46 881.49 881.52 881.55 881.58 881.61
881.64 881.67 881.70 881.73 881.76 881.79 881.82 881.85 881.88
Rx MHz 836.28 836.31 836.34 836.37 836.40 836.43 836.46 836.49 836.52 836.55 836.58 836.61
836.64 836.67 836.70 836.73 836.76 836.79 836.82 836.85 836.88

Chanl 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417
Tx MHz 881.91 881.94 881.97 882.00 882.03 882.06 882.09 882.12 882.15 882.18 882.21 882.24
882.27 882.30 882.33 882.36 882.39 882.42 882.45 882.48 882.51
Rx MHz 836.91 836.94 836.97 837.00 837.03 837.06 837.09 837.12 837.15 837.18 837.21 837.24
837.27 837.30 837.33 837.36 837.39 837.42 837.45 837.48 837.51

Chanl 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438
Tx MHz 882.54 882.57 882.60 882.63 882.66 882.69 882.72 882.75 882.78 882.81 882.84 882.87
882.90 882.93 882.96 882.99 883.02 883.05 883.08 883.11 883.14
Rx MHz 837.54 837.57 837.60 837.63 837.66 837.69 837.72 837.75 837.78 837.81 837.84 837.87
837.90 837.93 837.96 837.99 838.02 838.05 838.08 838.11 838.14

Chanl 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459
Tx MHz 883.17 883.20 883.23 883.26 883.29 883.32 883.35 883.38 883.41 883.44 883.47 883.50
883.53 883.56 883.59 883.62 883.65 883.68 883.71 883.74 883.77
Rx MHz 838.17 838.20 838.23 838.26 838.29 838.32 838.35 838.38 838.41 838.44 838.47 838.50
838.53 838.56 838.59 838.62 838.65 838.68 838.71 838.74 838.77

Chanl 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480
Tx MHz 883.80 883.83 883.86 883.89 883.92 883.95 883.98 884.01 884.04 884.07 884.10 884.13
884.16 884.19 884.22 884.25 884.28 884.31 884.34 884.37 884.40
Rx MHz 838.80 838.83 838.86 838.89 838.92 838.95 838.98 839.01 839.04 839.07 839.10 839.13
839.16 839.19 839.22 839.25 839.28 839.31 839.34 839.37 839.40

Chanl 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501
Tx MHz 884.43 884.46 884.49 884.52 884.55 884.58 884.61 884.64 884.67 884.70 884.73 884.76
884.79 884.82 884.85 884.88 884.91 884.94 884.97 885.00 885.03
Rx MHz 839.43 839.46 839.49 839.52 839.55 839.58 839.61 839.64 839.67 839.70 839.73 839.76
839.79 839.82 839.85 839.88 839.91 839.94 839.97 840.00 840.03

Chanl 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522
Tx MHz 885.06 885.09 885.12 885.15 885.18 885.21 885.24 885.27 885.30 885.33 885.36 885.39
885.42 885.45 885.48 885.51 885.54 885.57 885.60 885.63 885.66
Rx MHz 840.06 840.09 840.12 840.15 840.18 840.21 840.24 840.27 840.30 840.33 840.36 840.39
840.42 840.45 840.48 840.51 840.54 840.57 840.60 840.63 840.66

Chanl 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543
Tx MHz 885.69 885.72 885.75 885.78 885.81 885.84 885.87 885.90 885.93 885.96 885.99 886.02
886.05 886.08 886.11 886.14 886.17 886.20 886.23 886.26 886.29
Rx MHz 840.69 840.72 840.75 840.78 840.81 840.84 840.87 840.90 840.93 840.96 840.99 841.02
841.05 841.08 841.11 841.14 841.17 841.20 841.23 841.26 841.29

Chanl 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564
Tx MHz 886.32 886.35 886.38 886.41 886.44 886.47 886.50 886.53 886.56 886.59 886.62 886.65
886.68 886.71 886.74 886.77 886.80 886.83 886.86 886.89 886.92
Rx MHz 841.32 841.35 841.38 841.41 841.44 841.47 841.50 841.53 841.56 841.59 841.62 841.65
841.68 841.71 841.74 841.77 841.80 841.83 841.86 841.89 841.92

Chanl 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585

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Tx MHz 886.95 886.98 887.01 887.04 887.07 887.10 887.13 887.16 887.19 887.22 887.25 887.28
887.31 887.34 887.37 887.40 887.43 887.46 887.49 887.52 887.55
Rx MHz 841.95 841.98 842.01 842.04 842.07 842.10 842.13 842.16 842.19 842.22 842.25 842.28
842.31 842.34 842.37 842.40 842.43 842.46 842.49 842.52 842.55
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Chanl 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606
Tx MHz 887.58 887.61 887.64 887.67 887.70 887.73 887.76 887.79 887.82 887.85 887.88 887.91
887.94 887.97 888.00 888.03 888.06 888.09 888.12 888.15 888.18
Rx MHz 842.58 842.61 842.64 842.67 842.70 842.73 842.76 842.79 842.82 842.85 842.88 842.91
842.94 842.97 843.00 843.03 843.06 843.09 843.12 843.15 843.18
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Chanl 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627
Tx MHz 888.21 888.24 888.27 888.30 888.33 888.36 888.39 888.42 888.45 888.48 888.51 888.54
888.57 888.60 888.63 888.66 888.69 888.72 888.75 888.78 888.81
Rx MHz 843.21 843.24 843.27 843.30 843.33 843.36 843.39 843.42 843.45 843.48 843.51 843.54
843.57 843.60 843.63 843.66 843.69 843.72 843.75 843.78 843.81
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Chanl 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648
Tx MHz 888.84 888.87 888.90 888.93 888.96 888.99 889.02 889.05 889.08 889.11 889.14 889.17
889.20 889.23 889.26 889.29 889.32 889.35 889.38 889.41 889.44
Rx MHz 843.84 843.87 843.90 843.93 843.96 843.99 844.02 844.05 844.08 844.11 844.14 844.17
844.20 844.23 844.26 844.29 844.32 844.35 844.38 844.41 844.44
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Chanl 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666
Tx MHz 889.47 889.50 889.53 889.56 889.59 889.62 889.65 889.68 889.71 889.74 889.77 889.80
889.83 889.86 889.89 889.92 889.95 889.98
Rx MHz 844.47 844.50 844.53 844.56 844.59 844.62 844.65 844.68 844.71 844.74 844.77 844.80
844.83 844.86 844.89 844.92 844.95 844.98
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Test .sig
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4596. Bought a 2006, need MODS & TRICKS!

Newsgroup: rec.radio.scanner
Date: 1994-06-04 00:36:54 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9406042341.AA144542@f217.n202.z1.fidonet.org>
Source record: 273485

EN> group. Now, I need to know if anybody has MODS or tricks for
this unit.
EN> I think it is one of the newer models, but the Radio Shack clerk
told me
EN> that the one I got *is* easily modifiable.

Start by taking the top case off. Look behind the #3 key, and you
should see 2 diodes sticking up. Cut the top loop on both. One opens
up the cellular band, the other increases scanning speed by about 20%.
If you want more mods, let me know, I have others, but they're more
complicated.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

4597. Re: anyone actually 740 a scanner in?

Newsgroup: rec.radio.scanner
Date: 1994-06-04 01:00:25 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770712976@f747.n115.z1>
Source record: 273573

-=> Quoting Clifton T. Sharp to All <=-

CTS> From: clifto@indep1.chi.il.us (Clifton T. Sharp)
CTS>
CTS> With all this talk about how it should be legal etc. to get a
CTS> scanner such as a Yupiteru sent in from out of the country, has anyone
CTS> actually done it and received the scanner?
CTS>

There are several happy users of the Yupi on CompuServe. 'Course, they
got theirs before the law went into effect. Haven't heard of any who tried
to get one after the law.

Jerry

4598. Re: Bought a 2006, need MODS & TRICKS!

Newsgroup: rec.radio.scanner
Date: 1994-06-04 01:07:35 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770712977@f747.n115.z1>
Source record: 273477

-=> Quoting Eric Norber to All <=-

EN> From: eric@garnet.msen.com (Eric Norber)
EN>
EN> Okay folks, I bought a Pro-2006 based on a lot of recommendation from
EN> this group. Now, I need to know if anybody has MODS or tricks for this
EN> unit. I think it is one of the newer models, but the Radio Shack clerk
EN> told me that the one I got *is* easily modifiable. If anybody has any
EN> performace improvements, I'd be delighted to see them. Of course, they
EN> would only be used for *hypothetical* modification <g>. Looking
EN> forward to responses! - - Eric (P.S.- e-mail responses also
EN> appreciated!)

Heck, what do you want it to do?

Clipping two diodes behind the key panel will enable continuous 800 mhz
coverage and increase scan speed from 26 cps to 30.

Bill Cheek has several Scanner Mod books out. They include all kinds of
things for the 2006. They include increasing memory channels and speed up.
He also has an interface for computerized programming and scanning.

Jerry

4599. Re: Fast Food Drivethrus

Newsgroup: rec.radio.scanner
Date: 1994-06-04 01:38:25 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770712978@f747.n115.z1>
Source record: 273475

-=> Quoting George Lyle (233789) to All <=-

GL(> From: glyle@marie.seas.ucla.edu (George Lyle (233789))
GL(>
GL(> I'm curious. Why would anyone want to listen to drive-through
GL(> order discussions? I think it would get pretty boring after
GL(> oh... say... 30 seconds or so.
GL(>
GL(> Of course, this could be the start of the "Have you ever
GL(> helped your McDonalds with your scanner?" thread! :-)
GL(>
GL(> Enlightenment, please?
GL(>
GL(> George

George...you ought to give a listen. It's not listening to the ordering of food that's fun...it's the carrying on that goes behind the scenes. The radios also run in simplex with other workers. I remember one story at a Burger King...This guy was ordering his food at the drive up window and finished it with 'to go'. She gives the total, then says on simplex, 'Of course it's to go...it's a f*****g drive thru! '.

Jerry

4600. Re: Pro-2027

Newsgroup: rec.radio.scanner
Date: 1994-06-04 01:51:21 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770712979@f747.n115.z1>
Source record: 273572

-=> Quoting Charles Marks to All <=-

CM> From: charles.marks@compudata.com (Charles Marks)
CM>
CM> I just bought a Pro-2027 at Radio Shack for $220. They had the
CM> Pro-2026 on sale for $149 but because it's a mobile scanner I would
CM> have had to also buy their regulated 120VAC-to-12VDC power supply. But
CM> that would have jacked the price up to about $210. The guy at Ratfink
CM> Shack told me that the Pro-2026's could not be modified to receive the
CM> 869-895MHz band. Was he pulling my leg or what? Anyway, what I want to
CM> know is does anyone know where I could get something comparable to the
CM> Pro-2027, for a lower price? I'm trying to stay away from a mobile unit
CM> if I can. Also am I missing anything good by not being able to pick up
CM> 869-895MHz? I made sure that Ratsh*T Shack would take the scanner back
CM> if I found something better in the next 30 days. So come on folks I
CM> need some help. Help save me money!!!

The guy could be wrong about the modding of the 2006. If you want, check the model number. It should be 20-145A or 20-145. (The 20-145 is an old model, the 145A included an on/off switch for the lighted display while the 145 is for a dimmer.) Anything other than the above may not be modifiable.

Jerry

4601. Re: Pro-43: cosmetic gripe

Newsgroup: rec.radio.scanner
Date: 1994-06-04 01:53:32 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770712980@f747.n115.z1>
Source record: 273476

>
>The case itself seems to be painted with some kind of dull gray coating
>that easily scratches off, letting a shiny gray surface show through.
>I have barely had this radio for a month now and it already looks old
>and beat up! Still works great, of course.
>
>Maybe I should have been more careful with it, but I would think a
>portable unit should be somewhat rugged.
>
14> This is amazing !!! I was just thinking about the exact same time
14> today when I noticed my 3-weeks-old PRO-43 showing these "paint" being
14> scratched off all over and showing the "shiny gray surface".
14>
14> I thought I was handling it with care when I carried it around.
14> A radio that cost this much should have better physical design (paint)
14> done.
14>

Maybe they got the paint from General Motors. Sounds like the same thing
that happened to my '90 Cavalier. <g>

Jerry

4602. Re: PRO-46 Hint; Any others available?

Newsgroup: rec.radio.scanner
Date: 1994-06-04 01:54:58 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770712981@f747.n115.z1>
Source record: 273574

-=> Quoting FrankV6188 to All <=-

Fr> From: frankv6188@aol.com (FrankV6188)
Fr>
Fr> In article <9405312038.AA04950@xp.psych.nyu.edu>,
Fr> moy@xp.psych.nyu.edu writes:
Fr>
Fr> Other Secrets of the PRO-46 This scanner can also receive cellular
Fr> call between about 896.00 to 916.00. I hope this helps.
Fr> Frank V

Product: Realistic PRO-46 by Radio Shack
Purpose: Restoration of full 800 Mhz coverage

The modification of this unit is from the May, 1993 issue of
Monitoring Times, published by Grove Enterprises.

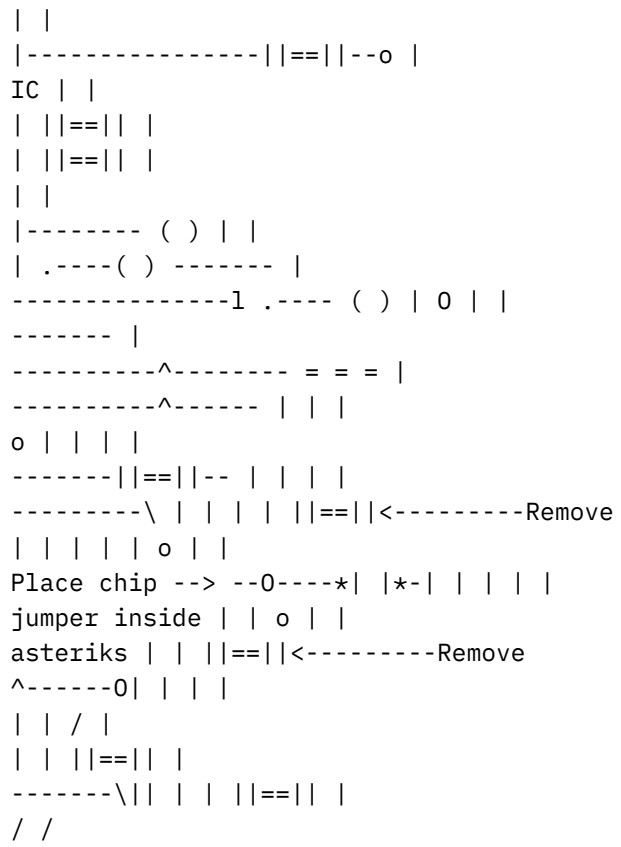
** Disclaimer: All modifications are done at your own risk. This
product uses surface mount components which can be easily damaged.
Do not perform this modification if you are not experienced with
this type of circuitry. This will void the warranty of your scanner.

** Listening to certain portions of the 800 Mhz band is prohibitted
by United States law.

Modification of PRO-46 for full 800 Mhz coverage with 30 Khz stepping
available.

1. Remove the battery pack, battery door and antenna.
2. Remove the four black screws from the back of the radio, then
push upward on the bottom of the rear of the case, carefully
swinging it upward and removing it.
3. Carefully insert a small screwdriver between the two boards
next to the interconnect plug in the lower right corner. Gently
pry the top board up to separate it and set it aside.
4. Unsolder the copper-coated plastic shield from the microprocessor
and set it aside. ** CAUTION!! Too much heat will damage the
shield. **
5. Locate the two chip jumpers imprinted with "0". Carefully unsolder
and remove both.
6. Solder one chip jumper across the two upper most unused solder
pads. (Soldering a jumper across the lower two pads changes the
30-50 Mhz band to 68-88 Mhz.)
7. Reverse steps 1-4. The modification is completed.

---------------| -------------
| o----o |


Remove
Remove
Remove
Place chip --> --O----*| |*-| | | | |
jumper inside | | o | |

4603. Re: single ch x-tal receiver?

Newsgroup: rec.radio.scanner
Date: 1994-06-04 01:58:56 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770712982@f747.n115.z1>
Source record: 273478

-=> Quoting Matthew Adair to All <=-

MA> From: mladair@mtu.edu (Matthew Adair)
MA>
MA>
MA> Does anybody out there know of any single channel receivers that
MA> run off of crystals? (ie scanner crystals) Preferably something
MA> cheap. Kits are fine.
MA>
MA> I am very involved in Fire, EMS, ARES, etc. and I need to monitor
MA> several freqs at once. I want to set up a unit that can receive
MA> all the freqs I need without scanning, that way I don't interfere
MA> with one or another freq.
MA>
MA> I've seen Ramsey's receiver kits, but I'm afraid that they would
MA> somehow become "untuned" if they got moved around, or a little
MA> cousins hand found the knobs, etc. I would like something that I
MA> could just pop the xtal in and be pretty much set.
MA>

Hi, Matt...
Ham radio conventions may yield something. A single channel receiver I got from a scan club meeting was a Plectron. The thing is great. All I had to do was change a crystal. It also had two reed detectors, which I modified to respond to the appropriate tones. Apparently, the Plectrons are like weeds at some conventions.

Jerry

4604. Re: Moto Walkie Talkie Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-04 03:33:49 UTC
From: jwcooper@violet.ccit.arizona.edu
Message-ID: <1994Jun3.203349.1@violet.ccit.arizona.edu>
Source record: 273563

The walkie talkies used by movie and TV crews may be on locally licensed, or itenerate, business frequencies in virtually any band. But they may also be on frequencies allocated to the Special Industrial Motion Picture Radio Service, as specified in Title 47, US Code of Federal Regulation, Part 90.70; and, if the crew is associated with an actual TV station, they may be using Relay Press Radio Service frequencies (47 CFR, 90.71) and/or Broadcast Remote Pickup frequencies (47 CFR, 74.402)

Title 47 of the Code of Federal Regulation is the actual governing regulation for the FCC. The CFR should be avalible at most larger libraries. Here there are copies in the local law library, the main campus library, and the main branch of the public library.

4605. Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-04 05:06:16 UTC
From: lthomas@nyx10.cs.du.edu
Message-ID: <2sp248$o6o@nyx10.cs.du.edu>
Source record: 273569

I've heard many things both ways about Radio Shack and their products. I was wondering what was the basis behind this? Many people seem extremely pleased about Radio Shack's products/support/salespeople. Yet other people seem to absolutely hate Radio Shack. There doesn't seem to be much in the middle. I'm not saying this to support or bash Radio Shack, I'm just wondering why this is?
I personally have noticed that unlike most stores, Radio Shack is one of the few places that the people mention how the salesmen acted. If this is because it is one of the few places that the people help, or try to explain, or if it is because of pushy salespeople I'd like to know.

P.S. I'm not just referring to scanners either.

-Thanks

Layne

4606. wanted: computer controlled broadcast band receiver

Newsgroup: rec.radio.scanner
Date: 1994-06-04 05:46:27 UTC
From: hunter@work.nlm.nih.gov
Message-ID: <2sp4fj$csr@vixen.cso.uiuc.edu>
Source record: 273536
Cross-posted to: rec.radio.broadcasting,rec.radio.scanner

I have an application which requires the remote monitoring of a variety of broadcast stations. I basically need a moderately high fidelity broadcast band radio (AM/FM, US station spacing) that can be computer controlled. That is, I need to be able to turn the radio on and off, and set the reception frequency by PC. I also need a line-level audio output. I will probably be buying between 50 and 100 of these, so price is somewhat of an issue.

I have a couple of questions:

1. Are there "tuner" cards that fit into a PC chasis? What is their performance like in the rf environment inside a computer? Does anyone have any specific experience with them?

2. I am aware of the Kenwood RZ-1, which seems like overkill for this application. Does anyone know of any other radios that both tune the broadcast bands and have a serial port control?

Any other advice or input is welcome. Thanks!

Larry

--
Lawrence Hunter, PhD.
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Bethesda. MD 20894 USA
tel: +1 (301) 496-9300
fax: +1 (301) 496-0673
internet: hunter@nlm.nih.gov
encryption: public key via RIPEM server or "finger hunter@work.nlm.nih.gov"

4607. Oahu, Maui & Molokai freqs!

Newsgroup: rec.radio.scanner
Date: 1994-06-04 06:25:18 UTC
From: dabasap@netcom.com
Message-ID: <dabasapCqv0IG.J9I@netcom.com>
Source record: 273538

These frequencies were monitored during two vacations, October 1993 and
May 1994.

OAHU BUSINESS:

Hilton Hawaiian Village
Honolulu, Hawaii
461.65 Banquets
462.175 Housekeeping
462.8 Pager
463.8 Security
464.425 Registration
464.825 Maintenance
464.875 Security

Ala Moana Shopping Center = 463.8, 463.85
Bishop Museaum = 461.2875
Royal Hawaiian Shopping Center = 461.85
University of Hawaii, Manoa = 464.1
Windward City Mall = 461.125

156.975 Marine Channel 79: Atlantis Submarine Fleet!
DISCOVERY, ELANUS_10, SURFACE_CONTROL, ATLANTIS_9
ATLANTIS_10, ATLANTIS_14, ATLANTIS_CONTROL
Stern Tiller Full Port
Surface Comm Check
Hatches Shut
Clear to Vent and Begin the Dive
Start Dive Sequence
Switch to Underwater Telephone
Decks Awash

457.55 Hawaiian Dredging Company -- Big Crane Frequency. This is the
construction company that is working on the huge Hale Koa
Expansion (a military recreation facility adjacent to
the existing Hale Koa Hotel, right next door to my hotel,
the Hilton Hawaiian Village, Tapa Tower). This frequency
took me a long time to puzzle out. I was so frustrated
because I could see all of the construction site, and
through binoculars I could see workers speak into walkie
talkies to talk with the big crane operator. I searched
460-470 VERY carefully, and nothing! Finally I plugged
in every IS frequency that my old Police Call listed!

464.1875 R Atlantis Submarine Phone Patch!! Much behind the scenes
radio traffic; From my hotel room on the 33rd floor,

I heard both sides of the phone patch on what should
have been just the "input" frequency: 469.1875.

464.675 R (* unknown business, but this was a fun frequency to listen
to the locals "talk story" -- I don't think I heard any
business transacted, just chatty gossip! Good fun! *)

860.1375 R Phone Patches -- Cindy from Motorola calling a customer,
other companies using the phone patch, and some non-English
languages.

OAHU PUBLIC SAFETY, heard from the 33rd floor of Hilton Hawaiian Village,
Tapa Tower:

154.28 Fire Dispatch, KDP337 (?)
154.49
154.68 test-1-2-3-4; ROOM BUG FREQUENCY on 5/31/94 at 9:45pm.
You got the money?
May I see your flight ticket, so I know you're not a cop.
Yeah, you're not a cop.
(* the prostitute never came out and asked the officer
directly: ARE YOU A COP? she just said lemme see you're
flight ticket, so I know you're not a cop!!! so this bust
will not be entrapment! *)
(* she goes to the bathroom and comes out, has him put on
a condom, but he says he's nervous, so he goes to the
bathroom, and when he comes out, the officers burst in
and arrest the prostitute! *)
(* they start counting all of the money that she had on her,
and they compare serial numbers on the marked money that
the officer gave her *)
(* then they started questioning her, with every word being
faithfully broadcast over this frequency!!! she gave her
real name, her street name, her address!!!! amazing that
the officers didn't shut down the transmitter before this!
anyway, this was the first time i have ever heard a room
bug over the scanner!! amazing stuff, eh? *)
154.935
155.07
155.13
155.145 unit 72, goto channel one
155.25
155.37 still waiting for a response from Sheriff
155.43 1_Mike_85, 1_Mike_87, 77_Alpha
155.52 R
155.67 R Alpha_12, Alpha_30, Charlie_31
155.685 1_Mike_50
155.73
453.7 R Medical EMT phone patches w/ Doctors, "MedCom"
"Oriented Times Two" = patient knows WHO he is,

and he knows WHERE he is.
"Oriented Times Three" = WHO, WHERE, and ??????????
460.25 R 864, 831, Mike, Glen, call us on the cellular (undercover ops?)

OAHU FEDERAL/MILITARY:

138.6 Dial Tone & Busy Signal in Kaneohe area (Phone Patch)
138.975 Fort Weaver Rd & Renton Road (Pearl Harbor?),
10_Alpha, Control, Guard Mount, Zero this is One One
139.025 R Control, Whiskey_1, Whiskey_3, Patrol_26, Schofield Barracks,
"Negative Whiskey Whiskey" = no wants & warrants,
Enroute SBUCC, A Quad, Wheeler Gate,
"Tango" = I copy,
"Send It" = transmit the information now
Code Six = radio stand-by, Wheeler AFB,
Collier Street with a cross of South Porter Loop
units heard = 20, 25, 30, 32, 33, 35, 49, 69, 501
139.15 mobiles and base station heard -- running a license plate
Negative Wants and Warrants,
Control, 21, 15, 377_Echo
139.25 R Fort DeRussey Military Police? talking about Dynasty Hotel.
139.55 Delta, Delta_4
140.05 Control, 20, Where did you want that radar site set up?
140.55 Kaneohe MCAS? (* heard while I was mobile in the Kaneohe area *)
140.975 distant unreadable traffic
141.0 distant unreadable traffic
141.975 unit 42
142.625 R Nimitz Gate, Transporting an "X-Ray" (a female),
Pearl Harbor, Do you have Channel Seven?
Securing Building, North Road, Support Vehicles,
near the Uniform Shop, "Tango" = 10-4
units heard = 7, 35, 36, 42, 44, 46, 47, 48, Crew_2
142.7 distant unreadable traffic
143.5 Do a weapons check at this time, Barbers_212,
You're not an NSF unit, you're an AFS unit!
144.0 R Engine 4, Engine 7, Engine 9, Engine 11, Engine 12,
Engine 15, Pumper 8, Rescue 22, Crash 1, Crash 2
148.925 R Let SKYSHARK know that it's lightning out there.
149.35 R Barbers_202, Barbers_206, Barbers_207,
Barbers_209, Barbers_210,
On the flightline they should be on Tac 4,
Flightline Security Watch, Hanger Watch,
White Plains, "Tango" = 10-4, Echo_2
On Enterprise adjacent to Golf-One

162.625 continuous high-pitched idle tone
(* also heard from the island of Maui *)
162.7 District One, Engine_3
163.7 continuous idle carrier? (possible birdie?)
163.8625 R surveillance

163.9875 R are you bringing lunch?
164.125 pager
164.2 Commanders Call at Paradise, Building 1202, Officer's Club,
Hicham Elementary School, Hickam Police, Legal Office,
Police_2, Police_4, "Transmit Police_2 X-I"
(base station heard -- no mobile units heard)
164.25 Brewster_1_Brewster, Brewster_Charles_Brewster, Return to Papa
164.55 DVP
164.65 Two transmit sites = Tripler Naval Hospital & Tantalis
165.2375 DVP, Which Delta team is one the waterfront? Delta_35
165.2875 simplex traffic too distant to copy
165.4375 continuous idle tone
(* also heard from the island of Maui *)
166.08 distant continuous fast beeps (same signal strength as 170.48)
166.1 continuous fast beeps (same signal strength as 170.5)
166.12 distant continuous fast beeps (same signal strength as 170.52)
166.675 DVP
167.2875 R units 270 and 318 in the clear, DVP, Agent John Ferarra
169.25 continuous idle tone
170.025 R Barbers Point, Alpha Clear
170.375 data bursts
170.48 distant continuous fast beeps (same signal strength as 166.08)
170.5 continuous fast beeps (same signal strengh as 166.1)
170.52 distant continuous fast beeps (same signal strength as 166.12)
171.975 R Loose onloads for 747 not a DC-8, Waiting on potable water
on 91712
172.9 continuous idle carrier? (possible birdie?)
407.375 Control, Leaving Hickam now, O.M. One
408.2 continuous idle carrier? (possible birdie?)
410.5 continuous idle carrier? (possible birdie?)
411.125 continuous idle carrier? (possible birdie?)
411.3125 SIMPLEX traffic either at the Hale Koa Hotel or at the Hilton
Hawaiian Village, because it was VERY close!
Send him over to Hospitality,
I need a bag of ice up here,
Tom Rucker used to be an S-4,
Tell the Marine Security Detail to start making sandwiches,
He's in the middle of the football field,
Send them over to Olympic Town,
Continue the mission,
SR Valenti, Corporal Butler, Corporal Morris
Sgt. Foss, Sgt. Simms, Sgt. Bartolomy, Sgt. Shelton
How Copy? LIMA CHARLIE. (Loud & Clear)
411.625 continuous idle tone
412.825 R distant -- Alpha, Bravo_40, Delta_1
412.95 continuous idle carrier? (possible birdie?)
413.25 R Rescue wants to know if you want to be "slingshotted"
Chief_2, Rescue_2, Crash_5, Crash_6, Crash_7, Team_2,
Engine_4, Yankee_5
413.325 R Dispatch, Taxi_1, Taxi_4, I've already informed Command Post,

Refueling aircraft, "Lima Lima" = landline phone call
"Charlie Foxtrot" = caucasian female,
"Charlie Mike" = caucasian male,
"November Foxtrot" = negro female,
"November Mike" = negro male,
Hornet & Saratoga (Pearl Harbor?)
414.65 R APHIS (Animal/Plant Health Inspection)-Honolulu Airport
415.05 DVP
415.8 Unit 4
417.025 pager tones
417.55 trunking tones (alternates with 418.35)
417.75 simplex unreadable traffic
417.9625 R "Uncle Charlie", Captain Bobbs
418.35 trunking tones (alternates with 417.55)
418.625 distant continuous idle carrier? (possible birdie?)
418.75 SIMPLEX surveillance: "getting into CI's car"
418.825 pager tones (heard also from island of Molokai!)
418.9 R Center 10-7 for the evening, pager tones
418.975 pager tones?
419.175 simplex traffic?
419.225 pager

****

MAUI PUBLIC SAFETY:

154.65 repeater input
155.67 R repeater output, in the Kahului area
1_Charlie_41, Charlie_11, 1_Charlie_12, Charlie_31

MAUI FEDERAL GOVERNMENT/MILITARY:

162.4 NOAA broadcasting from Mt. Haleakala, Maui
411.625 continuous steady idle tone
417.975 continuous steady idle tone

****

MOLOKAI PUBLIC SAFETY FREQUENCIES:

155.07
155.25
155.43
155.73

****

OAHU TO NEIGHBOR ISLAND MOLOKAI AIRCRAFT FREQUENCIES:

Took a small DeHavilland Stol Twin Otter 300 propeller plane ride from
Honolulu International Airport on Oahu to Molokai Airport on Molokai.
I was able to sit right behind the cockpit and they left the doors ajar,
so I was able to copy the frequencies that they dialed into the radio.

Aloha Island Air was the carrier; it's a small division of Aloha Airlines.
I wonder which of these is their company frequency?

When I boarded the plane, these were the frequencies already showing:
121.9 118.1
131.3 121.4
114.8 116.1

During the taxi to the take-off position, the co-pilot changed some
of the frequencies, so these were the current operating freqs:
118.3 124.1
131.3 125.7
114.8 116.1

On the return flight later in the day, from Molokai to Honolulu,
they had these frequencies already dialed into the radio at take-off:
124.1 127.9
131.3 125.7
114.8 116.1

Finally, airborne and enroute to Oahu, the co-pilot changed the last
two frequencies to read:
119.1 118.1

phew!

before i left for hawaii, i programmed my bc200xlt with all of the federal
government & military "national" freqs, all of the fbi, secret service,
irs, ins, marshal, nis, osi, ... i filled all 200 channels on the dang
scanner, and just let it scan the first day -- nothing! so i had to PLENTY
of searching!

please post additions & corrections here on usenet.

thanks!

greg

4608. What is at this freq?

Newsgroup: rec.radio.scanner
Date: 1994-06-04 06:44:39 UTC
From: chale@teleport.com
Message-ID: <2sp7sn$qiq@elaine.teleport.com>
Source record: 273537

I've picked up a radio station (that isn't identifying) at 907.5375mhz. Could this be a very high harmonic or is it just a station not in my books?

--

---

chale@teleport.com | "Oh, blinding light. Oh, light that
not affiliated with teleport.com | blinds. I cannot see, look out for me."

4609. Hot Air Balloon freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-04 09:46:00 UTC
From: brad.whitmire@eabbs.com
Message-ID: <2633.93.uupcb@eabbs.com>
Source record: 273505

>>Doe anyone know the freq that hot air balloon people use
>>while in flight?
>
>>Thanks, Greg (KD3SU)
>
>Many hot air balloons have hand held aviation radios. Voice is around
118 to
>136 MHz AM (not FM).
>
>Rob Robinette
>Monument, CO
>
>
The common freqs should be 122.9, 122.95, 122.75, 123.0, and you will
probably hear traffic on 122.7, 122.8, and 122.9
---
* UniQWK v2.0 * The Windows Mail Reader

4610. Re: This Week on Spectrum June 4, 1994

Newsgroup: rec.radio.scanner
Date: 1994-06-04 09:48:00 UTC
From: lobo@io.org
Message-ID: <2spikg$r8j@ionews.io.org>
Source record: 273552
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.pirate

>On Saturday June 19'th Spectrum will celebrate its one year anniversary
>with a special show. You'll just have to tune in and find out what
>happens.

Let me guess.... there will be a special interview with "Kristin Kaye" from her/his/its secret hideout in Paraguay?

73. Niel Wolfish.

4611. Disney World

Newsgroup: rec.radio.scanner
Date: 1994-06-04 11:56:25 UTC
From: schuster@panix.com
Message-ID: <2spq59$oi3@panix3.panix.com>
Source record: 273549

Just found this nice updated Disney list on Fidonet:

Date: 05-31-94 19:13:10
From: Bob Kozlarek
To: All
Subject: UPDATED DISNEY FREQ'S

Several weeks ago I posted a list of Walt Disney World
frequencies, and other associated frequencies in the Orlando
area. I've updated the list and added about 25 more. Authors and
contributors are for the most part unknown. I take no credit for
discovering them all, only for compiling and posting - enjoy!
Also, as posted previously, the people at Walt Disney World don't
take to visitors with scanners - be discrete!!

SUBJECT: Walt Disney World / Orlando Area Frequencies
WDW = Walt Disney World

118.450 Orlando Int'l Airport (Tower)
124.300 Orlando Int'l Airport (Tower)
151.200 Lake Buena Vista Emergency
151.655 Travelodge Int'l
151.655 Lake Buena Vista Construction
151.745 "Mystery Fun House"
151.755 Sea World
151.805 Sea World
151.865 Royal Plaza Hotel
151.895 WDW - 20,000 Leagues Submarines
151.925 Quality Inn
154.430 Reedy Creek F.D.
154.515 Sea World
154.540 Sea World
154.600 Sea World
154.625 WDW - Hilton Hotel @ WDW
155.370 City of Bay Lake P.D. Intersystem
157.740 Buena Vista Hotel / Staff Paging
158.460 Buena Vista Palace Paging
173.225 WDW - Disney "Country Wide Freq"
173.275 WDW - Disney "Country Wide Freq"
173.325 WDW - Disney "Country Wide Freq"
173.375 WDW - Disney "Country Wide Freq"
204.850 EPCOT - Character Greeting Audio
206.000 WDW - EPCOT Parade Audio
206.300 WDW - EPCOT Parade Wireless Mics
206.625 WDW - EPCOT Parade Wireless Mics

206.975 WDW - EPCOT Parade Wireless Mics
207.350 WDW - EPCOT Parade Wireless Mics
207.600 EPCOT - Character Greeting Audio
207.750 WDW - EPCOT Parade Wireless Mics
208.175 WDW - EPCOT Parade Wireless Mics
208.905 WDW - EPCOT Parade Wireless Mics
209.100 WDW - EPCOT Parade Wireless Mics
210.125 WDW - EPCOT Parade Wireless Mics
211.850 WDW - EPCOT Parade Wireless Mics
212.475 WDW - EPCOT Parade Wireless Mics
451.750 Universal Studio's
453.475 Reedy Creek
453.825 Reedy Creek Rescue (Daily Check @ 08:30
453.875 WDW Fire Dept "F1"
453.925 WDW Fire Dept "F2"
460.000 Sea World
461.100 Sea World - Park Operations
461.250 Central Florida Fair
461.2875 Universal Studio's
461.300 WDW - Parade / Entr "Computer Control Base"
461.600 WDW - Resorts / Ft Wilderness / Hotel Trans.
461.675 Sea World
461.700 Buena Vista Construction
461.850 Sea World
461.8875 Universal Studio's
462.000 Sea World
462.0125 Sea World
462.050 Mariot Hotels
462.175 Orlando Tour Lines
462.550 EPCOT - "Opr F1" Entr / Adm / Staff Paging
462.575 EPCOT - "Opr F2" Travel Ctr / Monorail / Railroads
462.575 Monorail (WDW)
462.625 WDW - Magic Kingdom / Ft Wilderness / Maint F2
462.625 EPCOT - "Opr F3" Tech Trbl Dispatch / Land Trans.
462.625 Lake Buena Vista Water Transports
462.650 WDW - Maint "F1" / Opr / Paging / Show Control
462.675 WDW - Buena Vista District / Maint "F2"
462.700 Orlando Airport Operations
462.775 WDW - Voice Paging
462.850 WDW - Voice Paging
462.925 Universal Studio's
463.000 Orange Vista Hospital
463.050 Sand Lake Hospital
463.325 Sea World (Security)
463.3875 Universal Studios
463.575 Ramada Inn @ WDW
463.5875 Universal Studios
463.6125 Universal Studios
463.6375 Universal Studios
463.6625 Universal Studios

463.675 EPCOT - Trouble Dispatch Techs
463.7125 Universal Studio's
463.750 WDW - EPCOT (Security) "Security 3"
463.825 Sea World
463.9375 Universal Studios
463.950 Sea World
463.975 WDW - "Entertainment" - Data Control Repair
464.050 Comfort Inn @ Kissimmee
464.075 WDW
464.100 Hyatt Hotel
464.125 WDW - Security CH 1 "Locksmith"
464.1375 Universal Studios
464.200 WDW - Ft Wilderness / Disney Inn
464.2125 Universal Studios
464.3875 Sea World
464.400 WDW Travel Center / Security / Parking
464.425 "Stars Hall Of Fame"
464.525 Hilton Hotel @ WDW
464.425 Buena Vista Palace Hotel
464.625 WDW - Magic Kingdom Maintenance
464.675 Contemporary Hotel
464.7675 WDW - "White Telephones"
464.725 Sea World
464.7375 WDW Golf Course
464.750 Sea World
464.800 WDW - Village Maintenance / Util.
464.825 Altamonte Mall
464.825 Sea World
464.975 Mariott World Center Security
465.000 Sea World
467.250 WDW
467.575 WDW - Monorail
475.575 WDW - "Pleasure Island"
483.000 WDW - Daily Opr / Parade
484.175 EPCOT "Operations"
851.3125 WDW - Operations
852.3625 Reedy Creek Trunked Public Safety Sys
852.3625 WDW - Public Safety
852.7375 WDW - Public Safety
852.7375 Reedy Creek Trunked Public Safety Sys
853.7125 WDW - Public Safety
853.7125 Reedy Creek Trunked Public Safety Sys
854.3375 Reedy Creek Trunked Public Safety Sys
855.1875 WDW - Operations
855.6875 WDW - Operations
855.7875 WDW - Operations
855.8875 WDW - Operations
856.9125 WDW - Operations
857.7875 WDW - Operations
857.8125 WDW - Operations

859.7875 WDW - Public Safety
859.7875 WDW - Operations

Walt Disney World "10" Codes

9 - Repeat
10- Subject to call at..
12- Officials / Visitors are present
13- Weather / Road Conditions
14- Convoy / Escort
15- Subject In Custody
19- Return To Station
20- Your Location
21- Call Station By Phone
22- Disregard
23- Standby / Interference
25- In Contact With
26- Did You Receive / I Received
28- Check Vehicle Registration
29- Stolen / Wanted
35- Confidential Information
36- Correct Time
39- Message Delivered
42- Out Of Service At Home
43- Any Traffic For
45- Call By Phone At
50- Stopping Vehicle (Tag # + Location)
51- Enroute
52- ETA
54- Negative
56- Meet Me At
98- Assignment Completed
100- Emergency Traffic Only

Disney Dispatch Signals

0- Armed: Use Caution
1- Drunk Driver
2- Drunk Pedestrian
3- Hit and Run
4- Accident
5- Murder
7- Dead Person
8- Missing Person
9- Stolen Tag
10- Stolen Vehicle
11- Abandoned Vehicle
12- Reckless Driver
13- Suspicious Vehicle
13P- Suspicious Person(s)
13N- Undesirable Person(s)

16- Obstruction on Roadway
20- Mentally Ill Person
21- Breaking and Entry
22- Disturbance
23- Holdup and Robbery
25- Fire
26- Drowning
41- Shoplifter
47- Indecent Exposure
49- Counterfeit Currency
50- Motorist Assist
55- Bomb Explosion
55A- Bomb Threat
57- Hunters
61- Building Check
66- Rape
70- Lost Child
95- Drug Violation
96- Vicious Animal
97- Illegal Entry
999- Security Needed / Help - Urgent

RESPONSE CODES
1- Routine
2- Urgent
3- Emergency

BOB KOZLAREK

* Evaluation copy of Silver Xpress. Day # 211
* Silver Xpress V4.00
--- FidoPCB v1.4 [ff191/a]
* Origin: BLUE RIBBON BBS, Fair Lawn, NJ (201) 791-2678

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4612. Cell-blocked AR-3000A mods?

Newsgroup: rec.radio.scanner
Date: 1994-06-04 12:31:10 UTC
From: jstanley@solar.win.net
Message-ID: <490@solar.win.net>
Source record: 273550

How was the cellular phone band blocked out on the AR-3000A, and is
it possible to unblock it?

--
John Stanley (jstanley@solar.win.net)

4613. Re: Fast Food Drivethrus

Newsgroup: rec.radio.scanner
Date: 1994-06-04 13:16:03 UTC
From: keib@bootes.rockwell.com
Message-ID: <1994Jun4.131603.15417@nb.rockwell.com>
Source record: 273551

discussions on drive thru service windows.

i have heard the youngin's gabbing on their
headsets about people in line,their friends,
bosses etc. it can be quite entertaining 'specially
on friday and saturday nites. take your handheld
or mobile through the drive thru and see what they
say about you or the person you are with.

the headsets have a chat switch which enables them
to talk to each other without coming over the loud
speaker at the menu board....lucky for them...

i won't bore you with what they said about me when
i went through . if they do say something, wait until
you reach the last window (if two) and then repeat what
they said...it'll freakem'out...trust me on this one

4614. Re: Fast Food Drivethrus

Newsgroup: rec.radio.scanner
Date: 1994-06-04 13:51:39 UTC
From: milcom@netcom.com
Message-ID: <milcomCqvL63.GpE@netcom.com>
Source record: 273553

George Lyle (233789) (glyle@marie.seas.ucla.edu) wrote:
: I'm curious. Why would anyone want to listen to drive-through
: order discussions? I think it would get pretty boring after
: oh... say... 30 seconds or so.

: Of course, this could be the start of the "Have you ever
: helped your McDonalds with your scanner?" thread! :-)

its not nearly as fun as driving up a 1300 foot hill with a modified 2 meter radio and a 160w amplifier and going on 157.57 and order 10 big mac's and having 300 mcdonalds make the same order for nobody.

just kidding. I've never done this but i just wonder if it would work if we had the right PL, 107.2? One time i did actually order with my ft-530 instead of talking into the menu speaker & they didnt even notice.
--
RF power specialists milcom@netcom.com

4615. Where do I search for CATV service?

Newsgroup: rec.radio.scanner
Date: 1994-06-04 14:57:03 UTC
From: skiingcal@aol.com
Message-ID: <2sq4nv$p96@search01.news.aol.com>
Source record: 273555

I am looking for the frequency area to search for workers in the field of my local Cable-TV. I'm not sure which frequency range to scan. Could someone help me in this search effort?

Thanks

4616. Help with cell mod for 20

Newsgroup: rec.radio.scanner
Date: 1994-06-04 16:16:38 UTC
From: ray.wade@michaelr.com
Message-ID: <940606125509177@michaelr.com>
Source record: 273457

-> From: habu@inca.gate.net (Michael Fink)
-> Newsgroups: rec.radio.scanner
-> Subject: Help with cell mod for 2006,need specific hints.
-> Date: 24 May 1994 17:19:32 -0400
-> Message-ID: <2rtr14$f7h@inca.gate.net>
->
-> I would like to attempt the cellular mod on my new 2006,I have the in
-> but I have never gone inside a scanner before. The instructions say a
-> need to do is clip one of the diodes. My question is how far do I cli
-> whats the best tool and are there any other little tidbits I should k
-> Please be very specific,I am a newbie at this stuff.
->
-> Thanks Mike
->
-> I would like to attempt the cellular mod on my new 2006,I have the in
-> but I have never gone inside a scanner before. The instructions say a
-> need to do is clip one of the diodes. My question is how far do I cli
-> whats the best tool and are there any other little tidbits I should k
-> Please be very specific,I am a newbie at this stuff.

The diode is maybe 1/8" wide and 3/16" high and looks like a bullet
with two wires coming out of the base. These two wires are soldered
to the circuit board. Clip either one of the wires with sidecutters
(or a pair of sissors, or your nail clippers). Bend the other wire
by pushing sideways on the diode so the ends of the clipped wire
can't touch. Thats it!

4617. Frequencies for a think-speak hands-free mike?

Newsgroup: rec.radio.scanner
Date: 1994-06-04 17:00:20 UTC
From: chiun@pegasus.rutgers.edu
Message-ID: <Jun.4.13.00.20.1994.9942@pegasus.rutgers.edu>
Source record: 273557

I'm looking for the freqs for a hands-free mike, as I recently saw a performance by a speaker who used one of these devices to tell his stories while walking around the stage. My idea is to intercept his transmission in order to preserve it for posterity.

Any help is appreciated, please respond publicly for the benefit of others.

-Remo

4618. Optoelectronics 456 scanner interface

Newsgroup: rec.radio.scanner
Date: 1994-06-04 21:05:24 UTC
From: terry@k5qwb.lonestar.org
Message-ID: <P4yeNc1w164w@k5qwb.lonestar.org>
Source record: 273564

Has anybody had any experience with the Optoelectronics 456 scanner interfce
for the PRO-2006? I would appreciate any comments on it you can give me.
Please E-mail me at terry@k5qwb.lonestar.org

Thanks,
Terry

---
terry@k5qwb.lonestar.org

4619. Pro-43 Channel Increase Mod

Newsgroup: rec.radio.scanner
Date: 1994-06-04 21:24:11 UTC
From: brueger@infi.net
Message-ID: <2sqrdr$s8a@lucy.infi.net>
Source record: 273559
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I heard a while back there was a channel increase mod for the Pro-43. It required changing the main chip in the scanner. Anyone know anything more about this?

Thanks

Brian
--

Brian J. Rueger	Hampton Division of Fire & Rescue	"Who dares win"
Medic/Firefighter	Squad-7	
Hampton, VA.	Email - brueger@infi.net	

4620. Re: Where do I search for CATV service?

Newsgroup: rec.radio.scanner
Date: 1994-06-04 22:38:33 UTC
From: jwh@kaiwan.com
Message-ID: <2sqvp9$rvd@kaiwan.kaiwan.com>
Source record: 273482

SKIING CAL (skiingcal@aol.com) wrote:
: I am looking for the frequency area to search for workers in the
: field of my local Cable-TV. I'm not sure which frequency range to
: scan. Could someone help me in this search effort?
: Thanks

I would guess you are in California.. You might tell us the name of your cable service (or the one you want to monitor.) Cable TV services are all over the business bands.. I've got some listed in 856.0125-860.9875 MHz band, 460 MHz area, and the 151 MHz area.

John Herndon (jwh@kaiwan.com)
--
: ONE STOP TECH SHOP BBS * (310) 421-6766 * 24 Hours * USR 14.4 DS * 8/N/1 :
: Ham Radio * Scanners * Shortwave Listening * CAD/CAM/CAE * Satellites :
: Groom Lake/Area 51/S4 * X-Planes & Black Budgets * 500 Megs + 3 CD-ROMs :
: Call and share your interests & knowledge with others! :

4621. Re: This Week on Spectrum June 4, 1994

Newsgroup: rec.radio.scanner
Date: 1994-06-04 22:49:11 UTC
From: paul@ignis
Message-ID: <2sr0d7$a78@quartz.ucs.ualberta.ca>
Source record: 273561
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.pirate

Niel J. Wolfish (lobo@io.org) wrote:
: >On Saturday June 19'th Spectrum will celebrate its one year anniversary
: >with a special show. You'll just have to tune in and find out what
: >happens.
:
: Let me guess.... there will be a special interview with "Kristin Kaye" from
: her/his/its secret hideout in Paraguay?
:
And a special birthday celebration for Al Weiner?

4622. Re: What is at this freq?

Newsgroup: rec.radio.scanner
Date: 1994-06-04 22:49:40 UTC
From: jwh@kaiwan.com
Message-ID: <2sr0e4$t1q@kaiwan.kaiwan.com>
Source record: 273483

Chris Hale (chale@teleport.com) wrote:
: I've picked up a radio station (that isn't identifying) at 907.5375mhz. Could this be a very high harmonic or is it just a station not in my books?

Could it be someone on hold (listening to hold music) on one of the 900 MHz cordless phones? <grin>

Does it sound like a professional broadcast? It could be someone using 900 Mhz ham gear to broadcast.. Jammer?

It could be a lot of things.. I see a little band allocation for broadcasting in the 942 - 947 MHz range. The only other closest thing would be TV channel 69 way down, just below 806 MHz. I just can't imagine an image of that magnitude..
John Herndon (jwh@kaiwan.com)
--
: ONE STOP TECH SHOP BBS * (310) 421-6766 * 24 Hours * USR 14.4 DS * 8/N/1 :
: Ham Radio * Scanners * Shortwave Listening * CAD/CAM/CAE * Satellites :
: Groom Lake/Area 51/S4 * X-Planes & Black Budgets * 500 Megs + 3 CD-ROMs :
: Call and share your interests & knowledge with others! :

4623. NY Rangers Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-04 23:55:03 UTC
From: lblume@maestro.maestro.com
Message-ID: <CqwD3s.50D@maestro.maestro.com>
Source record: 273562

I have noticed that the Hockey coaches in the stanley cup wear wireless transmitters to communicate with coaches watching from above. Does anyone know what freqs. they might be using? I will bring my scanner to the game.

Larry

4624. Re: Helping cops by scanning-

Newsgroup: rec.radio.scanner
Date: 1994-06-05 00:20:24 UTC
From: craig@yonder.equinox.gen.nz
Message-ID: <H.eg.oAx6A7g59e6@yonder.equinox.gen.nz>
Source record: 273566

In <2s8s0v$gbh@hermes.acs.ryerson.ca>, Calvin Henry-Cotnam writes:
>I would have to agree with these concerns. Fortunately, we have a
>"Crime Stoppers" program where you can call police anonymously with
>a crime tip. One never has to testify, you don't have to give any
>details about yourself (details like "I heard it on my scanner" can
>also hurt their investigation if you gave it up front), and it is
>possible to get a reward to boot!

We have a similar thing here... an 0800 (toll free) number that you
can dial from anywhere in the country. You don't have to tell them
who you are, or where you got the information from. If you did, they
probably couldn't act on it.

I know a police officer here, he's told me they get the occasional
phone call from someone monitoring them, where the person has heard
a call that they're looking for a car, or person, and they've spotted them.

Craig.
--
:: Craig Shore. Phone +64 3 385-6554 (Christchurch, New Zealand.) ::
:: (CraigS on IRC) ::

4625. Re: Fast Food Drivethrus

Newsgroup: rec.radio.scanner
Date: 1994-06-05 00:23:00 UTC
From: Brian.Flues@f239.n109.z1.fidonet.org
Message-ID: <d1d_9406042235@blkcat.fidonet.org>
Source record: 273492

GL>I'm curious. Why would anyone want to listen to drive-through
GL>order discussions? I think it would get pretty boring after
GL>oh... say... 30 seconds or so.

GL>Of course, this could be the start of the "Have you ever
GL>helped your McDonalds with your scanner?" thread! :-)

GL>Enlightenment, please?

One time I was at a McDonalds drive in monitoring the drive through discussions when on a seprate scanner I overheard a report of a holdup at the same Mcdonalds I was monitoring. Using great stealth I porcedded to work my way around the corner wherupon I noted a rather large, ugly induvidual with orange hair and a large protruding red nose with a GUN at the counter. He was demanding " Fill the Da** bag with happy meals or eat lead dogface!!" I snuck up behind the crazed clown and smacked him across his ugly pate with my trusty BC 200. needless to say he went down like a sack of cement. When the authorities arrived he was placed in chains and hauled off to the jail. One would think that I would receive the appreciation and adulation of all the patrons in the establishment but NO it seems that there were 2 birthday parties going on in the McDonalds at the time I brained Ronald and the children were traumatized by the events above.... Oh well just goes to show you that scanning and McDonalds don't mix.;>
Brian

GL>George

GL>---
GL> * Origin: The Black Cat's Usenet <=> Fidonet Gateway (1:109/42)
***
* SLMR 2.1a * Backup not found: (A)bort (R)etry (P)anic

Fidonet: Brian Flues 1:109/239
Internet: Brian.Flues@f239.n109.z1.fidonet.org

4626. Help With 150mhz Images-p

Newsgroup: rec.radio.scanner
Date: 1994-06-05 00:30:00 UTC
From: Brian.Flues@f239.n109.z1.fidonet.org
Message-ID: <d1e_9406042235@blkcat.fidonet.org>
Source record: 273493

VE>and/or images in the 150-160 Mhz range. I had hoped for better
VE>performance from a triple conversion receiver.

VE>My particular situation is thus: I'm using the '43 in a location
VE>about a mile and a half from "watertower hill" the central site
VE>where all repeaters in my rural community are located. Sheriff,
VE>Police, Fire, Amateur, etc. My problem is overloading or imaging
VE>from the Pager system (not sure of it's location). The Pagers
VE>are totally wrecking my reception.

VE>Anyone tackled this problem successfully? I thought about
VE>switching to the lowest gain antenna I could find or build
VE>an outboard attenuator but...that would in turn wreck my dx
VE>and weak signal reception. I wonder...what about a brute
VE>force sharp filter for the paging freq?

No real solution I have the same problem with a paging tower located
about 1 1/2 miles from my home. I used the Trident MPIF 1 filter from
Ace Electronics (Mfg by Trident) it seems to help some all it really is
is a bandpass(?) filter that knock out the 152 (?) Mhz paging range.
I'm still looking for something better.

Brian

***
* SLMR 2.1a * Nothing is so smiple that it can't get screwed up.

Fidonet: Brian Flues 1:109/239
Internet: Brian.Flues@f239.n109.z1.fidonet.org

4627. Re: MacDonald's Wireless Headset Freq?

Newsgroup: rec.radio.scanner
Date: 1994-06-05 00:37:36 UTC
From: craig@yonder.equinox.gen.nz
Message-ID: <H.eg.USGGZOKoya6@yonder.equinox.gen.nz>
Source record: 273567

In <2sidnb$vr@dns1.NMSU.Edu>, Thomas J. Harrell writes:
>Dino Moriello (dino@cam.org) wrote:
>: Does anyone know what frequency the MacDonald's wireless headsets work on?
>
>Here in Las Cruces, NM, they use 154.570 MHz - but it probably varies from
>place to place.

And the Drive Through thingie is in the 30's (NFM I think).

Craig.
--
:: Craig Shore. Phone +64 3 385-6554 (Christchurch, New Zealand.) ::
:: (CraigS on IRC) ::

4628. Re: Wanted: Paramount Great America Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-05 02:26:03 UTC
From: cntrspy@netcom.com
Message-ID: <cntrspyCqwK3G.AJz@netcom.com>
Source record: 273565
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Harry Salvini (salvini@wdl.loral.com) wrote:

Theyhave a pissy fit about most things.

Last I heard they were at 492.2625 vacinity, don't know what
they are on now that Paramount has taken them over.

: I'd like to get my hands on the frequencies used by Great America
: in Santa Clara, CA.

: Anyone got 'em handy?

: Last time we went there, they squawked about my having a 2M on my side
: and told me "scanners aren't allowed in here". I pointed out that I
: was a licensed HAM operator, and needed my radio in case of an
: emergency. They bought that!

: Now my curiosity is up, and I want to know what they're so hot and
: bothered about keeping quiet...

: +---+
: | salvini@wdl.loral.com (KB6VMQ) | Happily married to Kathy -+-|
: | Loral doesn't have a single | Jonathan - August 8, 1989 | |
: | thing to do with my opinions. | Jeremy - August 8, 1993 | |
: | They're mine! All mine! |ONE HAPPY DADDY! :-) Not A Typo |
: +--------------------------------+--------------------------------+
: | signature virus 2.1c - Copy me into your .sig if you love Jesus! |
: +---+
--

--

//
Chris Hall
Operations Director
Executive Protection Associates, Inc.

Executive Protection, Privacy Protection Strategies for Fortune 500
Executives and Other Interested parties. Off-shore investment and
Second Passport agents.

//

"I' not a lawyer, I just play one on T.V."

Opinions Expressed are those of the author and NOT those of EPAI.

PGP Key available... If you ask nicely...

4629. PRO-2026 with car antenna??

Newsgroup: rec.radio.scanner
Date: 1994-06-05 03:01:02 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-040692195650@lisaraip7.llnl.gov>
Source record: 273568

Now that the PRO 2026 is on sale for $150 at the shack (and cheaper by mailorder), can anybody tell me how well it works connected (with a tee) to a regular car antenna? It seems to be a mobile unit without any hole in the top to screw in a stick antenna.

How well does the unit work for a double conversion scanner? I can live with double conversion if the price is right. Did I also hear that if power is disconnected, the memory is wiped out?

Thanks for any info,

Gary

Gary Ross
Shot Director ROSS@NOVAX.LLNL.GOV
Nova Laser Operations ROSSMAN@AOL.COM
Lawrence Livermore National Lab ROSSMAN@EWORLD.COM
P.O. Box 808 L-489
Livermore, CA 94551

4630. Re: Where do I search for CATV service?

Newsgroup: rec.radio.scanner
Date: 1994-06-05 03:54:01 UTC
From: strech1@aol.com
Message-ID: <2sri8p$5ce@search01.news.aol.com>
Source record: 273570

I know a few TCI freqs, what area are you looking for?

4631. Re: PRO-2026 with car antenna??

Newsgroup: rec.radio.scanner
Date: 1994-06-05 04:00:02 UTC
From: strech1@aol.com
Message-ID: <2srik2$5eq@search01.news.aol.com>
Source record: 273571

I'm using a 2026, with a 30-900 mhz cable tv splitter on the am/fm lead. I get some nasty intermod in the UHF area occasionally, but that's only when I'm in the shadow of the moutain where 90% of the pagers are in town. When that happens I switch to a 10" rubber ducky mounted inside the car.
It's been a good performer for me, but I live in a small town...

4632. Mods for Realistic PRO-2024 and 2023

Newsgroup: rec.radio.scanner
Date: 1994-06-05 04:54:03 UTC
From: rp4541@albnyvms.bitnet
Message-ID: <2srlpb$kps@rebecca.albany.edu>
Source record: 273489

Does anyone know of ANY mods for any of these two radios? Especially for the 2024.

```
-------------------------------------------------------------------------
|Ronald Poserina Jr. | "Yea, this is Long Island. Land of Buttafouco|
|rp4541@albnyvms.bitnet | crazy car stereos, high taxes, and people with|
|Long Island, New York | funny accents. And I love it!!" |
-------------------------------------------------------------------------
```

4633. Re: Wanted: Freqs for Kansas, MO

Newsgroup: rec.radio.scanner
Date: 1994-06-05 05:00:21 UTC
From: AE85%NEMOMUS.bitnet@ACADEMIC.NEMOSTATE.EDU
Message-ID: <05JUN94.00054174.0027.MUSIC@NEMOMUS>
Source record: 273479

I hunted through my files and came up with a list of frequencies for Kansas City that were provided to me by Associated Radio of KC. Since there are about 100 frequencies on the list let me just hit some of the main ones.

KC Missouri police: 155.64 city-wide and various others in 154,155,156,159 bands.
KC Missouri fire: 154.13
KC Kansas police: 858.76, 859.76, 460.175, 460.375, 460.5 and others in the 450's and 460's.
KC Kansas fire: 153.77, and others in 154's
MO Highway Patrol: 42.06, 42.12 and others in 42's
Kansas Highway Patrol: 44.94, 45.18
MO sheriff: 155.37, 155.73, 155.79, 155.97 and others in 155's
Kansas sheriff: 39.58 and others in 39's
Ambulances: 465.525 and low 463's

I hope these will at least give you a starting point. I don't know how current these are and some may have gone to other bands by now. If you have the time, give Associated a call (913)-381-5900 or write them (See current ham magazines for their ad). They will ship you a current catalog for $2 or $3 and would probably include the frequency list if you request it. They have always been very good to deal with for me.

4634. Re: Mobile Radio Resources?

Newsgroup: rec.radio.scanner
Date: 1994-06-05 05:38:21 UTC
From: daryl@tcomeng.com
Message-ID: <2srocd$100h@tcomeng.tcomeng.com>
Source record: 273481

David Carmean (carmean@rain.org) wrote:
: I found an incomplete copy of what appears to be an _excellent_ reference
: on California HF/VHF/UHF systems called "Government Radio Systems," by an
: outfit called Mobile Radio Resources. It gives very complete information
: about agencies, office locations, office and unit codes, repeater input
: and output frequencies and CTCSS (PL) tones, transmitter locations, and
: more. It's got a fantastic amount of detail! More than Gene Hughes' "Police
: Call" detail editions.

: Anybody know if these folks still exist, and how to get ahold of them?

There still around. The Government Radio Systems is the best listing
available. It is far more accurate than FCC records.

KELTY, BOB MOBILE RADIO RESOURCES
1224 Madrona Ave. San Jose hm
CA 95125 wk 408-269-5814
fx 408-269-5811 pg

--
Daryl Jones daryl@tcomeng.com
Telecommunications Engineering Associates {decwrl}!tcomeng!daryl
South San Francisco, California Phone: (415) 871-4200

4635. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-06-05 06:34:29 UTC
From: bandit@nbnet.nb.ca
Message-ID: <9405023429.C9C5@news.nbnet.nb.ca>
Source record: 273480

On 27 May 1994 22:02:22 -0700, danm@goshen.connected.com writes:
>
>In article <1994May26.202659.7908@yvax.byu.edu>,
> <johnsonk1@yvax.byu.edu> wrote:
>
>>I'm having a hard time knowing how to refer to someone who listens
>>to scanners. What do we call ourselves? Here's a few I've thought
>>of, but none seem to really fit right to me:
>
>
> How about Radio Communication Monitor...or just Radio Monitor?
>
>
>--
> ==
> + Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ...+
> + Auburn, WA | and whoever is playing against the New York Mets! +
> + GEnie:D.MORISSEAU | INTERNET ADDRESS: danm@connected.com +

hi, listen to Scanner and ShortWave Alote!
This is Bandit@nbnet.nb.ca
From Bathurst, New Brunswick Canada.

4636. Re: S.F. area scanners

Newsgroup: rec.radio.scanner
Date: 1994-06-05 06:35:02 UTC
From: sfbobby@aol.com
Message-ID: <2srrmm$7sg@search01.news.aol.com>
Source record: 273484

In article <1994May1.113618.22051@oracle.us.oracle.com>,
receptio@us.oracle.com (RECEPTION) writes:

Casey...E-mail me at sfbobby@aol.com! I also live in (and love)
Pacifica. I have all the local freqs for police, fire etc. and will
be glad to mail you a list.

4637. Re: Please rate this Scanner.

Newsgroup: rec.radio.scanner
Date: 1994-06-05 07:09:07 UTC
From: amike@maniac.med.miami.edu
Message-ID: <2srtmj$f6f@miasun.med.miami.edu>
Source record: 273488

I've been told it's the 200XLT.

Mike A.
alicea@npf.med.miami.edu

4638. Re: New Kid wants advice...

Newsgroup: rec.radio.scanner
Date: 1994-06-05 07:11:35 UTC
From: bandit@nbnet.nb.ca
Message-ID: <9405031135.A3EA@news.nbnet.nb.ca>
Source record: 273491

On Tue, 31 May 1994 14:20:28 GMT, nstrauss@netmare.corp.sgi.com writes:
>
>No, not that kind of New Kid...
>
>:-)
>
>I'm interested in this whole scanning thing, sounds like
>the sort of vicarious fun that makes up most of my life.
>
>So what I'm after is a bit of advice on hardware. I was
>thinking that a portable unit might be easier for me, since
>I tend to be on the road to various places a lot. But
>which one? Lots o' folks seem very happy with their
>Pro-43's. Any thing out there that is in the same class
>that I might want to consider? And what's a reasonable
>price. I assume that RadioShack isn't gonna be changing
>their prices a lot from place to place.
>
>Getting that 225-400MHz military band if a big interest of
>mine.
>
>Also (yes, I like to place un-reasonable demands on people
>I haven't ever met), does any one have any good freq's in
>the SF Bay Area to get me started? I live on the peninsiula,
>Menlo Park area.
>
>
>Thanks in advance, post or email, your choice!
>
>
> --Nick
>
>
>--
> _____
> \ \ _ ______ |
> \ NICHOLAS STRAUSS \ / ___-=O`/|O`/__|
> \ Silicon Graphics-Network Operations _______\ / | /)
> / nstrauss@netmare.corp.sgi.com / `/-==__ _/__|/__=-|
> / pilot@leland.stanford.edu / * \ | |
> /_____/ (o)

Hi Nicholas! :) I bought an AOR 900 1 year ago from Ace Communication in US.
The Frequency range is from 27.000 Mhz to 950.000 Mhz. You can scan, search,

priority channel, nice light that really lights up the display good in dark. Its small and not heavy. You can scan or search stuff like CB radios, your city department, Police, Fire Depts, Ambulance, Cordless Phones, and especially Cellular Phones! Its a portable scanner! I never seen a portable being able to scan Cellular phones yet besides the AOR 900 and the AOR 1000! It has also 100 Channels! In search mode you can Step from 5,12.5,15 and 30 Khz!
Its a nice Scanner. I like it alote but i think its discontinued! But you can try to Call Ace Communication and ask for a catalog of all the scanners there. It will give you an Idea! The Phone # is : 1-800-445-7717.
24 hours a day, 7 days a week!

..Hope you find the one U want!

...Dan (Bandit@nbnet.nb.ca)

4639. RS FREQUENCY COUNTER

Newsgroup: rec.radio.scanner
Date: 1994-06-05 11:11:18 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9406051111.0FPUR00@chrysalis.org>
Source record: 273504

you were using the counter properly. counters are not made to pick up transmissions over 25 feet or so at best. to get more range, an appropriate antenna and a preamp is likly to be needed. reception is also a function of transmitter power. sometimes you have to be very close to get any kind of reading. i did the same test you did. i couldnt get more than 5 or so feet from the cb and when i keyed my 2 meter transmitter i could see the leds light up all the way across the store. they are good bue lack lots of features others have. 73. wb5kxw

4640. Re: ARE ALL CELLULLAR PHONE MONITORINGS ILL

Newsgroup: rec.radio.scanner
Date: 1994-06-05 11:18:01 UTC
From: henniger@crl.com
Message-ID: <2ssc99$kgq@crl.crl.com>
Source record: 273490

billn@hpcvaac.cv.hp.com (bill nelson) writes:
>brian.oakley@chrysalis.org writes:
>: re bills thought that listening to images of cellular communications isnt
>: illegal:
>: sorry bill but the actual law wording is very clear. the wording says the
>: type of communications that are illegal to intercept, not the frequencies. ecpa

There are at least 42 cellular control channels, nested on either side of 880 Mhz. They are use to dispatch voice channels. Does anyone have an opinion on whether it is illegal to listen to the control channel ONLY? This transmission is not encrypted, nor is it voice, nor is it switched through a telephone system. The signal and the data in it are generated at the cell site. Some information in it is indirectly related to control information passed back and forth on T1 lines though.

Also on the same vein, is paging monitoring illegal? I have heard rumors that the laws actually do not protect non-alphanumeric (since there is no privacy to be invaded or some other lawyer-think.) Anyone know?

Finally, I ran into a Californian who has a brother prepping to be a cop and therefore has been browsing the lawbooks/penal codes.... He swears that listening to cellular or cordless in Calif. is a felony (prisonable offense.) Any feedback?

Thanks,
Mick
(wb5von)

4641. Re: Please rate this Scanner.

Newsgroup: rec.radio.scanner
Date: 1994-06-05 11:41:05 UTC
From: schuster@panix.com
Message-ID: <2ssdkh$cfv@panix2.panix.com>
Source record: 273494

In article <2srtmj$f6f@miasun.med.miami.edu>,
Mike Alicea <amike@maniac.med.miami.edu> wrote:
>I've been told it's the 200XLT.

An old-technology, discontinued (the replacement is the 220XLT) workhorse.
Tends to suffer images in the 800 band due to single-conversion design.
Early specimens had problems with low-battery alarm and wipeout of
memories when an AC adaptor was connected.

If you can get one for WELL below $200 you might want to consider it.
Otherwise there are plenty of newer models, which scan much faster and are
more sensitive.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4642. Info on AOR8000?

Newsgroup: rec.radio.scanner
Date: 1994-06-05 12:10:49 UTC
From: ac184@FreeNet.Carleton.CA
Message-ID: <CqxB61.5rD@freenet.carleton.ca>
Source record: 273495

Any specs on the new AOR? I've only heard rumors, and if only HALF
of what I heard is true, this thing is the Next Step...Any idea if it will
be available in the States or Canada, and if not, where I could get it?
(i.e. Javiation) Thanks in advance for the help.

Tim

--
Couldn't I have just one hand free? =|= Tim Murphy
What harm could I do with just... =|= ac184@freenet.carleton.ca
one hand free? =|= (613) 562-1664
---SexBoy =|= Finger me for PGP key...

4643. Re: MacDonald's Wireless Headset Freq?

Newsgroup: rec.radio.scanner
Date: 1994-06-05 14:11:29 UTC
From: dino@CAM.ORG
Message-ID: <2ssmeh$i8f@Tandem.CAM.ORG>
Source record: 273501

Thanks to everyone who replied to my post. I now have several frequencies
which I plan to try out.

-dino

--
"""""""""""""""""""""""
| Dino Moriello """""""""""""""""""""""
| PO BOX 105 Internet: dino@CAM.ORG """""""""""""""""""""""
| Radisson,Quebec Compuserve: 76120,1472 Tel.: 514-974-0773 |
| CANADA J0Y 2X0 Packet: VE2DM@VE2FKB 819-638-8281 |
"""

Please E-mail replies since I can't always read USENET postings.

4644. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-05 14:16:57 UTC
From: an678@FreeNet.Carleton.CA
Message-ID: <CqxH0A.9BB@freenet.carleton.ca>
Source record: 273498

In a previous article, jerry@hnrc.tufts.edu (Jerry Dallal) says:

>In its early days, RS products didn't measure up to those of other mass
>merchandisers. The RS products were shoddy. My favorite example is how
>even the splicing tape would bleed, ruining the tape you were trying to
>salvage. In NYC, for example, knowledgeable consumers would avoid RS in
>favor of Lafayette Radio and Electronics. RS's position could be
>summarized in the words of a TV repairman when I commented on his using
>Archer color tuner cleaner: "It's the one good product they sell." And
>that gets to the heart of the matter. Most of the products with the RS
>label are made by other suppliers and the quality of the product depends
>on the supplier. Many RS scanners are made by Uniden and get average
>reviews. The PRO-43 and 2006 are made by GRE of Japan and get splendid
>reviews. As for their computers, well the TRS-80 wasn't called the
>Trash-80 for nothing, but many journalism careers were made on a RS
>laptop.
>
>Oh, and not to forget . . . RS salespeople have this annoying (to many)
>habit of asking you for your name and address for their computers.
>They've become slightly lower key about it, but at one time, I was told,
>RS handed out awards if salesmen had a perfect month, that is, they
>collected the name and address of every customer. It then became great
>fun going in around the 28-th and refusing to give your name and address
>just to drive the saleman wild. Some salemen would make up names and
>addresses just to keep their string going.

Hmmm...I find it interesting to discover this is "great fun"...guess it's one person's idea of fun. But, some 12 years ago I put myself through college working at RS and, admittedly, some of their products were junk, some were good...just like all stores. I seem to remember Lafayette was the same way, they had some good products and some equally bad products.

To my knowledge, since I have an insider's knowledge of sorts, the salesmen were required to ask for your name and address. There were no awards given...but a salesmen was judged by how effective he/she was in obtaining a customer's name and address...which was used to mail the monthly sales catlog to a customer's home. I guess it can be justified a bit more since several people talk about how great Lafayette was, yet RS remains in business...better marketing?

However, don't take this as a flame to anyone here...I admit I sometimes dread walking into a RS store since I know I'll probably know more about the equipment I'm intersted in than the salesman...but that can be said for most stores, can't it?

4645. Re: Where do I search for CATV service?

Newsgroup: rec.radio.scanner
Date: 1994-06-05 14:17:02 UTC
From: skiingcal@aol.com
Message-ID: <2ssmou$ed2@search01.news.aol.com>
Source record: 273497

In article <2sqvp9$rvd@kaiwan.kaiwan.com>, jwh@kaiwan.com (John W. Herndon) writes:

I live in Sacramento, Ca. Sacramento Cable is the franchise.

4646. Re: Help With 150mhz Images-p

Newsgroup: rec.radio.scanner
Date: 1994-06-05 14:34:26 UTC
From: milcom@netcom.com
Message-ID: <milcomCqxHtF.4A5@netcom.com>
Source record: 273499

Brian Flues (Brian.Flues@f239.n109.z1.fidonet.org) wrote:
:
: No real solution I have the same problem with a paging tower located
: about 1 1/2 miles from my home. I used the Trident MPIF 1 filter from
: Ace Electronics (Mfg by Trident) it seems to help some all it really is
: is a bandpass(?) filter that knock out the 152 (?) Mhz paging range.
: I'm still looking for something better.
:
: Brian

take your antenna off & scan the 152.0 to 152.84 range. If your scanner stops on one frequency only after several run thrus then theres only one frequency to worry about. If you cant hear anything try a very short antenna.
If your willing to shell out the cash you can get a notch cavity from Wacom, Telewave or Celwave. Another company in Lomita, CA: Angle Linear makes bandpass cavities, not sure about notch. But a pass cavity can be used as a notch by using a T connector and shorting the other side.
If you do some nosing around with the site owner where the paging transmitter is located you can find the owner/licensee and bug them about not having a circulator or using a dirty transmitter. If all else fails then jam there 72mhz link (just kidding)

--
RF power specialists milcom@netcom.com

4647. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-05 14:37:14 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jun5.093714.2437@hnrc.tufts.edu>
Source record: 273496

In article <2sp248$o6o@nyx10.cs.du.edu>, lthomas@nyx10.cs.du.edu (Layne Thomas) writes:
: I've heard many things both ways about Radio Shack and their
: products. I was wondering what was the basis behind this? Many people
: seem extremely pleased about Radio Shack's products/support/salespeople.
: Yet other people seem to absolutely hate Radio Shack. There doesn't seem
: to be much in the middle. I'm not saying this to support or bash Radio
: Shack, I'm just wondering why this is?

While I'm not a psychologist, one of the things they study is persistence phenomena, which is best stated in layman's terms as, "You never get a second chance to make a first impression."

RS got its start as a division of Tandy, a leather and crafts supplier, and I can stil remember one CT location where the stores were physically connected--which hardly inspired confidence in the electronics.

In its early days, RS products didn't measure up to those of other mass merchandisers. The RS products were shoddy. My favorite example is how even the splicing tape would bleed, ruining the tape you were trying to salvage. In NYC, for example, knowledgeable consumers would avoid RS in favor of Lafayette Radio and Electronics. RS's position could be summarized in the words of a TV repairman when I commented on his using Archer color tuner cleaner: "It's the one good product they sell." And that gets to the heart of the matter. Most of the products with the RS label are made by other suppliers and the quality of the product depends on the supplier. Many RS scanners are made by Uniden and get average reviews. The PRO-43 and 2006 are made by GRE of Japan and get splendid reviews. As for their computers, well the TRS-80 wasn't called the Trash-80 for nothing, but many journalism careers were made on a RS laptop.

In summary, I'd say the short answer to your question is that your impression of RS depends on when you first started doing business with them. I've been going there long enough that I know that some of their products are first rate but I *still* shudder as I walk through the door, wishing Lafayette were still around.

Oh, and not to forget . . . RS salespeople have this annoying (to many) habit of asking you for your name and address for their computers. They've become slightly lower key about it, but at one time, I was told, RS handed out awards if salesmen had a perfect month, that is, they collected the name and address of every customer. It then became great fun going in around the 28-th and refusing to give your name and address just to drive the saleman wild. Some salemen would make up names and addresses just to keep their string going.

4648. Re: Decoding Pager signals

Newsgroup: rec.radio.scanner
Date: 1994-06-05 15:44:33 UTC
From: joe@netcom.com
Message-ID: <joeCqxL2A.38y@netcom.com>
Source record: 273500

Yup, flex is at 6400 bps but don't know when this will become widespread.
Skytel folks had told me they were at 2400 but my Motorola pager
literature (the best for protocol) indicates their advisor pager
is maxed at 1200 bps...

--Joe

--

Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046

4649. PRO-34

Newsgroup: rec.radio.scanner
Date: 1994-06-05 16:26:29 UTC
From: bobvette@acca.nmsu.edu
Message-ID: <2ssubl$859@dns1.NMSU.Edu>
Source record: 273502

Does anybody have mods (or know where there are any) for the RS PRO-34 scanner?

bob

4650. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-05 19:28:48 UTC
From: gdallal@world.std.com
Message-ID: <CqxvG1.598@world.std.com>
Source record: 273503

Robert C. Walker (an678@FreeNet.Carleton.CA) wrote:

: In a previous article, jerry@hnrc.tufts.edu (Jerry Dallal) says:

: >In NYC, for example, knowledgeable consumers would avoid RS in
: >favor of Lafayette Radio and Electronics.
: >
: >Oh, and not to forget . . . RS salespeople have this annoying (to many)
: >habit of asking you for your name and address for their computers.
: >They've become slightly lower key about it, but at one time, I was told,
: >RS handed out awards if salesmen had a perfect month, that is, they
: >collected the name and address of every customer. It then became great
: >fun going in around the 28-th and refusing to give your name and address
: >just to drive the saleman wild. Some salemen would make up names and
: >addresses just to keep their string going.

: Hmmm...I find it interesting to discover this is "great fun"...guess it's
: one person's idea of fun. But, some 12 years ago I put myself through
: college working at RS and, admittedly, some of their products were junk,
: some were good...just like all stores. I seem to remember Lafayette was
: the same way, they had some good products and some equally bad products.

: To my knowledge, since I have an insider's knowledge of sorts, the
: salesmen were required to ask for your name and address. There were no
: awards given...but a salesmen was judged by how effective he/she was in
: obtaining a customer's name and address...which was used to mail the
: monthly sales catlog to a customer's home. I guess it can be justified a
: bit more since several people talk about how great Lafayette was, yet RS
: remains in business...better marketing?

: However, don't take this as a flame to anyone here...

Nothing taken as a flame. The reason it was such "great fun" is that it
gave the consumer some way to pay back salesmen who were particularly
obnoxious about asking repeatedly for one's name and addres after being
told you didn't care to divluge the information for a $2 cash purchase.
Remember, it was the salesman that initiated the game, not the consumer.

'Tis true. Lafayette is no more and RS is thriving. The reason
Lafayette went under in the early 80's is that they expanded too quickly
and the cash didn't flow quickly enough.

It's wrong to say that RS and Lafayette products were comparable. Their
cables were typical of the kind of care each put in to getting products
from their suppliers. Lafayette's were clean. RS's connectors looked
like their vendors never cleaned their molds. RS's products almost
always carried their own name; Lafayette sold many products under the

manufacturers labels. Lafayette products, when sold under the Lafayette name, were often made by a higher quality vendor than that of the comparable RS product. But, as you say, it's RS that's supplying much of American with home electonics today, and their quality is much improved over that of the 60's and 70's. (I'm even a *Preferred Customer*--good for 10% off one item each month.)

4651. Need explanation on what makes an antenna work?

Newsgroup: rec.radio.scanner
Date: 1994-06-05 21:08:59 UTC
From: habu@news.gate.net
Message-ID: <2stetb$23qc@inca.gate.net>
Source record: 273512

I need an antenna for my 2006 and have little knowledge of what to look for. I will probably have to place the antenna in my attic because of space problems. What is the best way to go about increasing the range of my scanner,is height of the antenna the key or is antenna design the way to go. If I cannot figure out a decent way to run the outdoor antenna cable I will have to go with a indoor system or some kind of antenna that attaches directly to the back of the scanner. Any recommendations on that approach,I have been looking at Groves indoor system that uses a pre-amp. Has anyone ever used this system and how well does the pre-amp help?

Thanks for any help
Mike

4652. Re: What is at this freq?

Newsgroup: rec.radio.scanner
Date: 1994-06-05 22:16:57 UTC
From: jruschme@sed.csc.com
Message-ID: <Cqy389.7ow@sed.csc.com>
Source record: 273507

In article <2sr0e4$t1q@kaiwan.kaiwan.com>,
John W. Herndon <jwh@kaiwan.com> wrote:
>Chris Hale (chale@teleport.com) wrote:
>: I've picked up a radio station (that isn't identifying) at 907.5375mhz. Could this be a very high harmonic or is it just a station not in my books?
>
>Could it be someone on hold (listening to hold music) on one of the 900 MHz
>cordless phones? <grin>
>
>Does it sound like a professional broadcast? It could be someone using 900
>Mhz ham gear to broadcast.. Jammer?

It could also be a wireless headphone or speaker setup. Apparently,
some of them also use the 902-928(?) mhz range.

<<<John>>>

4653. uniden Bear Tracker...?

Newsgroup: rec.radio.scanner
Date: 1994-06-05 22:52:17 UTC
From: rr03@academia.swt.edu
Message-ID: <1994Jun5.165217.1@academia.swt.edu>
Source record: 273506

I hope this question wasn't asked several months ago...

I received an "early summer '94" DAK catalog that advertised a receiver billed as the "radar detector extinctinator" The picture of the unit had a label that read "uniden BearTracker". It's apparently a scanner preprogrammed with "thousands of police and highway patarol frequencies for all 50 states..." Apparently when you drive across a state line you simply press a button on the unit to select the state you're in... and listen.

There's no mention of what frequency ranges the unit receives. Nor is there any mention of how to deal with changes in frequencies when they occur.

My question: Does the receiver work?... Anyone have any experience with it?

Ryan Rudnicki
rr03@academia.swt.edu

4654. Re: What is at this freq?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 00:02:47 UTC
From: chale@teleport.com
Message-ID: <2stp37$c0s@elaine.teleport.com>
Source record: 273508

In <Cqy389.7ow@sed.csc.com> jruschme@sed.csc.com (John Ruschmeyer) writes:

>In article <2sr0e4$t1q@kaiwan.kaiwan.com>,
>John W. Herndon <jwh@kaiwan.com> wrote:
>>Chris Hale (chale@teleport.com) wrote:
>>: I've picked up a radio station (that isn't identifying) at 907.5375mhz. Could this be a very high harmonic or is it just a station not in my books?
>>
>>Could it be someone on hold (listening to hold music) on one of the 900 MHz
>>cordless phones? <grin>
>>
>>Does it sound like a professional broadcast? It could be someone using 900
>>Mhz ham gear to broadcast.. Jammer?

>It could also be a wireless headphone or speaker setup. Apparently,
>some of them also use the 902-928(?) mhz range.
>
><<<John>>>

That's exactly what it was. Except it was an image of the real freq.
928.9375mhz. I just walked around the neighborhood till it got real strong.
Then knocked on a few doors. It was a wireless speaker system pluged into
a DMX box from the cable company (I wondered why there were no adds)

Thanks for all the responses.
--
---
chale@teleport.com | "Oh, blinding light. Oh, light that
not affiliated with teleport.com | blinds. I cannot see, look out for me."

4655. Re: Frequencies for a think-speak hands-free mike?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 02:16:35 UTC
From: andrew@zone4.ocunix.on.ca
Message-ID: <2su0u3$9t@zone4.ocunix.on.ca>
Source record: 273465

In article <Jun.4.13.00.20.1994.9942@pegasus.rutgers.edu> chiun@pegasus.rutgers.edu (Remo Williams) writes:
>I'm looking for the freqs for a hands-free mike, as I recently saw a
>performance by a speaker who used one of these devices to tell his
>stories while walking around the stage.

I got the following info from Monitoring Times (sorry, I forget what issue; probably somewhere in '91?):

Cordless Microphone Frequencies:

171.600 MHz
190.525 MHz
204.130 MHz
205.805 MHz
206.155 MHz

Hope this helps...

Andrew Jr.

--
Andrew Cornwall
andrew@zone4.ocunix.on.ca

4656. States in the USA that banned mobile scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 02:34:46 UTC
From: shc@mt747.mt.att.com
Message-ID: <CqyF5y.Mxn@nntpa.cb.att.com>
Source record: 273513
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Let me try this once more...

Can anyone post a list of those states in the US that banned mobile scanners ? All I know is NY and would appreciate if someone can list them all out.

If I travel from NJ (legal), with scanner turned on, and cross the state line to NY (illegal), I should turn it off ? Will the NYS trooper stop me if he/she sees the scanner antenna ? What if I carry a portable in the car and programmed various NYS freq in it but claim that I turn it off when I cross the state line ? Can they confiscate my scanner ?

Any comments/suggestion/answers are appreciated. Thanks in advance...

==========
| Stephen Chu |
| AT&T Bell Labs Internet: shc@mt747.att.com |
| Holmdel, New Jersey USA |

4657. decode freq inv with SSB

Newsgroup: rec.radio.scanner
Date: 1994-06-06 03:45:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <771010626.AA05372@rochgte.fidonet.org>
Source record: 273384

> From: urbina@novax.llnl.gov
> Organization: Lawrence Livermore National Laboratory, NCD

> transmission using frequency inversion. Owning a Yupiteru MVT-7100

> such transmissions. I switched to USB and step to 50hz. After tuning
> around a
> while, I was able to hear the conversation in the clear, although an
> annoying
> 1khz tone was present also. I admit vague knowledge of SSB, though I

I don't think you were decoding "frequency inversion". I think you might
have run across an ACSB system. ACSB stands for Amplitude Compandored Side
Band and the transmitted signal has a 1kHz pilot tone for receiver synch.

==
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==

4658. Cayman Islands

Newsgroup: rec.radio.scanner
Date: 1994-06-06 03:51:06 UTC
From: frankf23@aol.com
Message-ID: <2su6fa$olq@search01.news.aol.com>
Source record: 273511

Does anyone have any frequencies for the Cayman Islands? Thanks
Frank

4659. Why is the Pro-2006 D503 mod available?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 03:54:10 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994Jun5.205410.7993@yvax.byu.edu>
Source record: 273509

Why does GRE require you to clip a diode to increase the speed? It seems to
me that faster is better, and a scanner manufacturer would want to make
their scanner as fast as possible right out of the box. Does the mod negatively
affect some other aspect of the scanner? If so, why didn't they just install
a switch so that you could easily turn faster scanning on or off when you like?


```
,,_________________,
~\/(____(o(___________(+-----------------------+
_/ (____(o| |Ken Johnson KB7ZLM |
) _______/ |johnsonk1@yvax.byu.edu|
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/ |
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4660. Re: Cordless Penal Code (CA)

Newsgroup: rec.radio.scanner
Date: 1994-06-06 04:29:39 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994Jun5.212939.7995@yvax.byu.edu>
Source record: 273510

In article <Cqu89C.EF5@wang.com>, dbushong@wang.com (Dave Bushong) writes:
> steven@sgb.oau.org (Steven Bradley) writes:
>
>>Glen Roberts (glr@ripco.com) wrote:
>>: California Penal Code:
>
>>: Section 623.6 Eavesdropping on confidential communication transmitted between
>>: cordless phones; Punishment.
>
>>: (a) Every person who, maliciously and without the consent of all parties to
>> ^^^^^^^^^^
>
>> Well, it's good to know it's still legal to listen to cordless phones
>> in California. From reading this, I quickly realized, you are not
>> breaking the law, as long as you are not listening with malicous
>> intent, ie with malice, or maliciously listening. I assume this to
>> mean with intent to cause harm, or to use the information to your
>> own personal gain, etc.
>
> Assume what you want, but the legal meaning of "malice" is:
>
> "The intent, without just cause or reason, to commit an unlawful act
> that will result in injury to another or others."
>
> You would have to show "just cause or reason" that you were listening
> to the conversation, which is "an unlawful act."
>
> Dave
> --
> Dave Bushong, Wang Laboratories, Inc.

I've read many different definitions of malice in court cases, so I don't accept the idea that there is a single "legal meaning" of malice. My legal dictionary has many, including:

The state of mind that accompanies the intentional doing of a wrongful act without justification or excuse. 99 A2d 849, 854.

"[I]ntent to cause the very harm that results or some harm of the same general nature, or an act done in wanton or wilful disregard of the plain and strong likelihood that some such harm will result. It requires also on the negative side the absence of any circumstance of justification, excuse or recognized mitigation." 118 N.W. 2d 422, 425.

"[A] reckless disregard of human life which proceeds from a heart and mind devoid of a just sense of social duty and fatally bent on mischief." 234 A.2d 442, 443.

"Maliciously" can mean a lot of different things, and IMHO, the word is evidence of a poorly written statute since its meaning is so vague. It can vary from jurisdiction to jurisdiction, depending on what the courts have decided it means there, or the legislature, in the rare chance that it has provided a definition to go along with the statute. I don't know what the word means in California with respect to the cordless phone statute. You'd have to see if any cases have gone to court, and see what has been decided. Maybe I'll look into it some time when my free access to Lexis and Westlaw is restored in the fall.

73

,,_________________,
~\/(____(o(___________(+-----------------------+
_/ (____(o| |Ken Johnson KB7ZLM |
) _______/ |johnsonk1@yvax.byu.edu|
/ /(_(_) +-----------------------+
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/ |
(_____)

4661. Re: States in the USA that banned mobile scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 05:30:41 UTC
From: bsherman@umbio.med.miami.edu
Message-ID: <2suca2$jin@miasun.med.miami.edu>
Source record: 273515
Cross-posted to: rec.radio.scanner,alt.radio.scanner

shc@mt747.mt.att.com (14035-S.CHU(MT5712)XXXX) writes:
: Let me try this once more...
:
: If I travel from NJ (legal), with scanner turned on, and cross the state
: line to NY (illegal), I should turn it off ? Will the NYS trooper stop
: me if he/she sees the scanner antenna ? What if I carry a portable in
: the car and programmed various NYS freq in it but claim that I turn it
: off when I cross the state line ? Can they confiscate my scanner ?

Be safe, when you cross the NY state line, not only turn off the radio,
but lock it in the trunk of the car. It will certainly help to prove
your claim that it was off since entering the state..

4662. Re: Info on AOR8000?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 08:10:08 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.270.00082B85@ccm.hf.intel.com>
Source record: 273524

In article <CqxB61.5rD@freenet.carleton.ca> ac184@FreeNet.Carleton.CA (Tim Murphy) writes:

> Any specs on the new AOR? I've only heard rumors, and if only HALF
>of what I heard is true, this thing is the Next Step...Any idea if it will
>be available in the States or Canada, and if not, where I could get it?
>(i.e. Javiation) Thanks in advance for the help.

Rumor has it that EDCO (EEB) has one in their lab and are attempting to get
FCC approval for the device. The time frame was about two
months. Javiation received notice that they should start seeing them in a
little over a week now (in the U.K.), but AOR doesn't have the best track
record for on-time delivery.

Jonathan (of Javiation) posted a fairly lengthy press release on the features
and specs of the unit. Did you miss it? I could repost if necessary.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4663. Pro-39 mod question????

Newsgroup: rec.radio.scanner
Date: 1994-06-06 08:10:29 UTC
From: usandman@mcl.ucsb.edu
Message-ID: <2sulll$khb@ucsbuxb.ucsb.edu>
Source record: 273514

I've got the pro-39 and am interested in any mods for is. So far the only one found is to remove the D6 diode for expanded 800 coverage. I was reading a mod for the pro-43 at oak.oakland.edu which expanded the 800 coverage as well as opening up the 52-88 Mhz coverage by moving a diode rather than removing it. My question is whether there is a location that I can move the D6 diode so I can at the same time open up the lower bands. Any and all help appreciated.

4664. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-06 08:30:18 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.271.00088192@ccm.hf.intel.com>
Source record: 273427

In article <CqxH0A.9BB@freenet.carleton.ca> an678@FreeNet.Carleton.CA (Robert C. Walker) writes:
>To my knowledge, since I have an insider's knowledge of sorts, the
>salesmen were required to ask for your name and address. There were no
>awards given...but a salesmen was judged by how effective he/she was in
>obtaining a customer's name and address...which was used to mail the
>monthly sales catlog to a customer's home.

One thing that really bugs me about this is that I would go into RS several times a week to buy misc. parts. Each time I would give my name, address, etc, but every time the RS ad came in the mail, it said Brent Miller. In 3 YEARS they never corrected my name!! My 10% discount card also came with the wrong name on it. I have a hard time waiting the extra few minutes for them to one-finger type my info into the system when I know they will never update my information.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4665. re: are all cellular phone calls illegal to monitor

Newsgroup: rec.radio.scanner
Date: 1994-06-06 11:55:05 UTC
From: davidm@iglou.iglou.com
Message-ID: <1994Jun6.115505.15933@iglou.com>
Source record: 273516

This is in regards to the fellow asking whether or not it was legal to monitor the data only channels of a cellular phone system. I'm sorry I didn't write down your name...

The way I read the ECPA (and if I didn't mention before, no, I'm not an attorney) it looks to me as if it would still be illegal, since the frequencies involved are allocated to a common carrier, and are therefore not considered to be intended for reception by the general public, regardless of what they are carrying.

At this point I'd like to ask a question. Why on earth would you want to listen to the data channels?

It is also my opinion from reading the ECPA that monitoring of any pagers (except for tone-only systems) is illegal, regardless of whether they carry voice or digital data.

And lastly, I don't remember whether it is a felony or not, but in California it is indeed supposed to be illegal, by state law, to listen to cellular or cordless phones. But I'll admit I'm not absolutely positive. Since I live in Kentucky, I don't keep up with California laws as much as I try to stay up with Kentucky and federal regulations.

David
davidm@iglou.com

4666. Alinco Scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 12:19:47 UTC
From: pgunn@alkali.otago.ac.nz
Message-ID: <pgunn.168.770905187@alkali.otago.ac.nz>
Source record: 273518

Anyone out there know anything about scanners made by Alinco. They normally make Transceivers, but I've got a mate who said that they were making a scanner. Anyone have any further info ?

This might not be quite the right group for this next one....

He is also looking at getting a transceiver as well. He's looked at the Alinco DJ560. Any comments ? Newer models ?

Thanx.

==========
PGUNN@alkali.otago.ac.nz
MSc (Chem) Student, University of Otago
Southernmost University in the World!
==========

4667. Re: Alinco Scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 13:05:40 UTC
From: schuster@panix.com
Message-ID: <2sv6v4$hu7@panix3.panix.com>
Source record: 273521

In article <pgunn.168.770905187@alkali.otago.ac.nz>,
Paul Gunn <pgunn@alkali.otago.ac.nz> wrote:
>Anyone out there know anything about scanners made by Alinco. They normally
>make Transceivers, but I've got a mate who said that they were making a
>scanner. Anyone have any further info ?

They have made the DJ-X1 pocket scanner for a few years now. It's very
similar to the ICOM R-1 in size and, unfortunately, in performance too.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4668. ture in Clipper�-> Message-ID: <wb8fozCqw5Av.6KE@netcom.com

Newsgroup: rec.radio.scanner
Date: 1994-06-06 13:51:00 UTC
From: : wb8foz@skybridge.scl.cwru.edu�-;
Message-ID: <fe.1020.3070.0NCA9EC7@dt-can.com>
Source record: 273469

> Newsgroups: comp.org.eff.talk
-> Organization: NRK Clinic for habitual NetNews Abusers - Beltway Annex
->
-> In article <199406041820.LAA24202@netcom.com>,
-> UnProfessor wrote:
-> >The easiest fix to the hole is a legal, not a technical one. That is
-> >making it a felony to deliberately try to subvert the LEAF would do
->
-> While we're at it, let's outlaw languages such as Navajo, unless of
-> course, the troops hitting the beach at Omaha need them. We should al
-> outlaw any scanners that cover cell channels, or police/fire/public
-> service bands.

Hate to break this to you, but Cellular reception capability was
outlawed on scanners as of 26 April 1994. There may still be some
models of old Radio Shack 2006's which can be "diode-clipped" to
restore cellular but these are superceded by the 2006A models
which have the CPU code written to deny portion sof the 800 Mhz
band and even full range commincations recievers (like the ICOM
R-7000 and R-7100 - favorites of GOVT snoops) are now coming with
portions of 800 Mhz deleted in the CPU.

Are you wearing an Electronic Tracking Bracelet ?

No ? You don't have a court ordered one ? No Need ! Your cell phone
on power-up sends a digital "sign-on" to the nearest Cell Tower and
the systems polls your phone every 5 minutes to see if you are still
on the system and which cell you are nearest. As long as you have
your cellphone on you can be tracked (and are by the system - it has
to know where to send your incoming calls.)

The ESN and home number data is easily tracked by programs like the
CELLSCOPE (tm) program used by the FBI and other Law Enforcement
agencies all over North America. It can track the data channels and
trip a tape recorder anytime your Cellphone sends/recieves a call
and this is all done from a database on a PC (portable if you like)
which holds entered ESN/Call number pair and monitors the datastream
in realtime to intercept any target. Needs no "wiretap" warrant .

So now, again: Are you being tracked electronically ?
-
::
:::c.zeps@genie.geis.com:::NsAc4sEmTeXpEtNbOmBcLiNtOnSsDeAbAtF:::
:::CDN.Assn.Rocketry S155::kGbGrUcSiSrCmPdOdsPeTzNaZiJeWmOsSaD:::
:::VE3SMN:::NRA Member:::::@8F@CoCaMeXcArTeLgOvDoPeBuShMeNaGuN:::::::
::

 TNet 3.90 USENET| The Obelisk BBS | London, Ont.| 519.6790021

4669. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-06 14:02:30 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jun6.090231.2439@hnrc.tufts.edu>
Source record: 273522

In article <CqxvG1.598@world.std.com>, I wrote:
> Lafayette sold many products under the manufacturers['] labels.

I'll retract that. I believe it was only true in the end after the ill-fated expansion.

4670. Re: RS FREQUENCY COUNTER

Newsgroup: rec.radio.scanner
Date: 1994-06-06 14:04:56 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jun6.090456.2440@hnrc.tufts.edu>
Source record: 273523

In article <9406051111.0FPUR00@chrysalis.org>, brian.oakley@chrysalis.org writes:
>
> when i keyed my 2 meter transmitter i could see the leds light up
^
> all the way across the store.

But it has an L*C*D display!

4671. Pro 46 and Interference

Newsgroup: rec.radio.scanner
Date: 1994-06-06 14:17:33 UTC
From: nsadp@access1.digex.net
Message-ID: <2svb5t$1bq@news1.digex.net>
Source record: 273425

I've had my Pro 46 for about a month now and like it, but there has always been a lot of hissing on many bands. I thought that was just the way it was, but by shear coincedence I needed an electrical outlet to plug in my vacuum the other day, and I choose to unplug my security lamp with the 24-hour timer. The scanner happened to be on, and as soon as I unplugged the timer the signal cleared right up! I was shocked, so I put the timer back in and there was the hiss again. It seems that this timer thing is broadcasting noise or something, and it reaches everywhere in my house! Needless to say I don't use that timer anymore. Just thought others should know... -- Paul --

4672. blue angels gone, hellow snowbirds

Newsgroup: rec.radio.scanner
Date: 1994-06-06 14:19:35 UTC
From: keno@u.washington.edu
Message-ID: <2svb9n$dq3@news.u.washington.edu>
Source record: 273426

I finally get a scanner that should pick up the Blue Angels during
tha anual Seattle Seafair, and now they are not comming. Does anybody know
the frequencies that the Canadian team (the Snowbirds, I think) use?
They will be here instead.

thanks

4673. Freqs at USN/USAF Air shows

Newsgroup: rec.radio.scanner
Date: 1994-06-06 14:32:14 UTC
From: weissmjn@ucbeh.san.uc.edu
Message-ID: <weissmjn.14.000E89FD@ucbeh.san.uc.edu>
Source record: 273439

A few months ago someone posted the frequencies used by the Blue Angels & Thunderbirds during their setup and airshow performance. I believe this post was in rec.aviation.military.

If someone in this group has a copy or knows the freqs., could they please re-post.

Thanks !

Joe Weissmann, CITS/CCS weissmjn@ucbeh.san.uc.edu
University of Cincinnati (513) 558-3234
Cincinnati, Ohio 45267

4674. Looking for MODs to an old scanner.

Newsgroup: rec.radio.scanner
Date: 1994-06-06 14:56:34 UTC
From: gxl@nsc38teradata.com
Message-ID: <6247@tdbunews.teradata.COM>
Source record: 273472

I'm old to scanning and new to this news group. I was wondering if anyone out there knows of any MODs for a Regency HX1500. Although it lacks the 800 Mhz coverage, I still favor it over my 200xlt bacause of its drop in charger. I tried OAK.OAKLAND.EDU and did not find any thing there.

I would appreciate any kind of information that you can pass along.

Gordon Lee | Phone : (310) 524-6169
AT&T Global Information Solutions | Fax : (310) 524-5512
El Segundo, California 90245 |
InterNet: Gordon.Lee@ElSegundoCA.NCR.COM |

4675. UNIDEN MR8100A scanner for sale!

Newsgroup: rec.radio.scanner
Date: 1994-06-06 15:06:41 UTC
From: mc@northshore.ecosoft.com
Message-ID: <2sve21$q8e@northshore.ecosoft.com>
Source record: 273428
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

I am posting this goodie for a friend:

For Sale: UNIDEN MR-8100A Scanner:
designed for use by the California Highway Patrol, covers up to 950 MHz
(including cellular), 100 channels, scans at 100 channels per second,
has unique alpha-numeric display which can be programmed with a personal
computer (software included). Like new, in original box with heavy-duty
mobile speaker, programming software, all manuals, shipped UPS ground
for $235.00.

Here are some specs:

The bands:

29 - 54 MHz 5KHz spacing

118 - 136 MHz 5KHz Aircraft band (AM)

136 - 174 MHz 5KHz

406 - 512 MHz 12.5 KHz

806 - 956 MHz 12.5 KHz

All that is blocked out is the TV video bands. You can tune in TV audio with
this scanner but it isn't too good for that because the Uniden only has
narrow FM capabilities.

It has ten banks of ten channels for a total of 100 channels. scan rates
are two speeds selectable - 30 and 100 CPS!

The size is 5 1/2" X 6 7/8" X 1 3/4". Weight is 2 Lbs.
Speaker (included) is external.
Antenna is external.

The software (included) comes with its own manual. It can be used on any
IBM compatable computer from a PC to the fastest Pentium machine around.
The Cellular lock-out is bypassed with software but Uniden gives the secret
instructions only to Government agencies and Law Enforcement agencies. This
"secret" information is included. All you need to use the software is a PC
with a serial port and a cable with a standard DB-9 female connector.

Remember, this scanner is a special-function unit - designed by the California
Highway Patrol for use in the cruisers. They're really neat especially with
the alpha-numeric display and capability of being programmed by a computer.
I have one myself and wouldn't sell it. They're a great mobile scanner!

4676. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-06 15:21:46 UTC
From: sbrackstone@cc.memphis.edu
Message-ID: <1994Jun6.102146.18888@admin1.memphis.edu>
Source record: 273432

Am I the only one who remembers fondly Allied catalogs before it became Allied-Radio Shack, and totally destroyed a really good, comprehensive source of electronic and supplies?

Sam

4677. Re: States in the USA that banned mobile scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 15:21:48 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2sveuc$p6v@dancer.cc.bellcore.com>
Source record: 273449
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <2suca2$jin@miasun.med.miami.edu>,
Bob Sherman <bsherman@umbio.med.miami.edu> wrote:
>shc@mt747.mt.att.com (14035-S.CHU(MT5712)XXXX) writes:
>: If I travel from NJ (legal), with scanner turned on, and cross the state
>: line to NY (illegal), I should turn it off?

Unless you have an amateur radio license, I'd do as Bob Sherman
suggests, remove it and put it in the trunk, or in some location
that couldn't be easily reached if you were stopped (i.e. a
place that the cop couldn't easily claim you quickly disconnected
and tossed it into).

> Will the NYS trooper stop
>: me if he/she sees the scanner antenna?

With all the cellular, ham, CB and all other antennas that are now
on so many vehicles, odds are you'd not be pulled over just because of
the antenna. Additionally, what cop even has the ability to tell
a scanner antenna from any other antenna?

> What if I carry a portable in
>: the car and programmed various NYS freq in it but claim that I turn it
>: off when I cross the state line ? Can they confiscate my scanner ?

I don't think they'd confiscate, but why chance it.

>Be safe, when you cross the NY state line, not only turn off the radio,
>but lock it in the trunk of the car. It will certainly help to prove
>your claim that it was off since entering the state..

If it is locked in the trunk, you are not violating any law. Good
advice!

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

4678. MIT Rad Lab Book

Newsgroup: rec.radio.scanner
Date: 1994-06-06 15:41:26 UTC
From: jkearman@arrl.org
Message-ID: <1994Jun6.154126.28196@arrl.org>
Source record: 273443

Volume 13 of the MIT Radiation Laboratory series, Propagation
of Short Radio Waves," by Kerr. First Edition, McGraw-Hill,
1951, in good condition with charts in pocket inside back
cover. $30 incl postage in US.

Jim Kearman
jkearman@arrl.org

4679. MIT Rad Lab Book

Newsgroup: rec.radio.scanner
Date: 1994-06-06 15:43:13 UTC
From: jkearman@arrl.org
Message-ID: <1994Jun6.154313.28283@arrl.org>
Source record: 273444

Volume 13 of the MIT Radiation Laboratory series, "Propagation of Short Radio Waves," by Kerr. First Edition, 1951, McGraw-Hill. In good condition, has the charts in the pocket inside the back cover. $30.

Jim Kearman
jkearman@arrl.org

4680. What is a "Sportcat?"

Newsgroup: rec.radio.scanner
Date: 1994-06-06 16:11:05 UTC
From: moy@xp.psych.nyu.edu
Message-ID: <9406061615.AA19714@xp.psych.nyu.edu>
Source record: 273430

Friends,

A recent Wal-Mart flyer advertises the following:

"Uniden(R) Handheld Scanner - Includes 12 bands with aircraft and 800 mhz. Stores up to 100 channels. Turbo Scan(TM) allows you to scan 100 channels per second. One-touch weather channel scan capability. No. SC150B. $199.73"

The photo shows its rounded bar-of-soap shape, LCD display, duckie antenna and oddly-shaped (like some TV remote controls) buttons. The unit is labeled "Twin Turbo SPORTCAT" and "Uniden Bearcat." Not unlike the RS Pro-46. Does anybody know what the bloodlines are of this beast?

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

4681. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-06 16:12:23 UTC
From: an678@FreeNet.Carleton.CA
Message-ID: <CqzH0n.KKD@freenet.carleton.ca>
Source record: 273435

In a previous article, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) says:

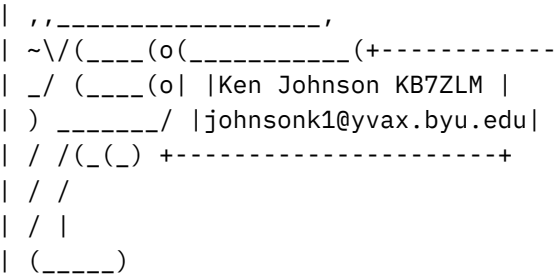
>In article <CqxH0A.9BB@freenet.carleton.ca> an678@FreeNet.Carleton.CA (Robert C. Walker) writes:
>>To my knowledge, since I have an insider's knowledge of sorts, the
>>salesmen were required to ask for your name and address. There were no
>>awards given...but a salesmen was judged by how effective he/she was in
>>obtaining a customer's name and address...which was used to mail the
>>monthly sales catlog to a customer's home.
>
>One thing that really bugs me about this is that I would go into RS several
>times a week to buy misc. parts. Each time I would give my name, address,
>etc, but every time the RS ad came in the mail, it said Brent Miller. In
>3 YEARS they never corrected my name!! My 10% discount card also came with
>the wrong name on it. I have a hard time waiting the extra few minutes for
>them to one-finger type my info into the system when I know they will never
>update my information.

But, its light years ahead of how it used to be...when I worked there the salesclerk had to handwrite every name and address on each sales ticket...at least now if you frequent the same RS they've at least got your name and address on the computer filed by phone number!

4682. Re: Why is the Pro-2006 D503 mod available?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 16:16:19 UTC
From: magnet@nRCHs022
Message-ID: <2svi4j$6ld@corpgate.rich.nt.com>
Source record: 273431

johnsonk1@yvax.byu.edu wrote:
|Why does GRE require you to clip a diode to increase the speed? It seems to
|me that faster is better, and a scanner manufacturer would want to make
|their scanner as fast as possible right out of the box. Does the mod negatively
|affect some other aspect of the scanner? If so, why didn't they just install
|a switch so that you could easily turn faster scanning on or off when you like?



By clipping this diode you eliminate a range (or ranges) of frequencies. (So "I" have
been told.) I have'nt done this to mine.

--
brad.glidewell@nt.com
\ o / _ o __| \ / |__ o _ \ o / o
| /\ __\o \o | o/ o/__ /\ | /|\
..../.\...|.\../).|....(.\../o\../.)....|..(\../.|.../.\.../.\.

4683. Re: Why is the Pro-2006 D503 mod available?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 16:23:34 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jun6.112334.2441@hnrc.tufts.edu>
Source record: 273429

In article <1994Jun5.205410.7993@yvax.byu.edu>, johnsonk1@yvax.byu.edu writes:
> Why does GRE require you to clip a diode to increase the speed? It seems to
> me that faster is better, and a scanner manufacturer would want to make
> their scanner as fast as possible right out of the box. Does the mod negatively
> affect some other aspect of the scanner? If so, why didn't they just install
> a switch so that you could easily turn faster scanning on or off when you like?

There has been some discussion of whether the faster speed led to missing
transmissions. I don't believe it was resolved one way or the other. Also,
someone claimed that all clipping D2 did was to eliminate the slow scan speed
(the 2006 comes with a slow and fast scan rate). Don't know if this has been
verified or challenged.

4684. Pro2026

Newsgroup: rec.radio.scanner
Date: 1994-06-06 16:50:40 UTC
From: scott@hp8c.nrl.navy.mil
Message-ID: <scott.8.000BD892@hp8c.nrl.navy.mil>
Source record: 273433

I just upgraded from my trusty little BC142XL to the 2026. Nice of RS to discount it enough to fit my budget. So far GREAT!
Does anyone know of anymore mod's to do to it other than restore celtel? I have already checked oak's ftp.
Thanks to all who have helped me in the past.

4685. Re: uniden Bear Tracker...?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 17:20:21 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.274.0011575B@ccm.hf.intel.com>
Source record: 273458

In article <1994Jun5.165217.1@academia.swt.edu> rr03@academia.swt.edu (Ryan Rudnicki) writes:

>There's no mention of what frequency ranges the unit receives. Nor is
>there any mention of how to deal with changes in frequencies when they
>occur.

>My question: Does the receiver work?... Anyone have any experience with it?

These devices usually rely on the mobile repeater frequency that has a limited transmit range. The main problem is that if there is no radio traffic, you won't hear anything even if you are right next to a patrol car. Also, certain states like California, now disable the repeaters while the car is moving. I wouldn't rely on one of these. I used to plug 154.905 into my scanner when I lived in CA. This is essentially the same thing the BearTracker would do. You'll have to ask around to see what your state's frequency is (if they have one).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4686. Re: are ALL cellullar phone monitorings illegal?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 17:44:27 UTC
From: lederman@intransit_tsc.vntsc.dot.gov
Message-ID: <1994Jun6.124427.64@bosv01>
Source record: 273519

In article <1994May31.073721.969@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
> Bud_Jamison@f1010.n202.z1.fidonet.org writes:
> :
> : Its illegal to INTENTIONALLY listen to a cellphone conversation, no
> : matter WHERE you hear it. And besides, ALL cellphones work on ALL
>
> Hm. This does not seem to be too clear. It is illegal to listen to
> the cellular band. Whether listening to images is also illegal is
> another matter.

The law is clear. It is illegal to listen to cellphone conversations. It doesn't matter if your radio is malfunctioning and picking up cellphone conversations when it isn't supposed to. It doesn't matter if you use an old TV set with a UHF tuner than can tune the cellphone band even though it's only 'supposed' to pick up TV stations. It's still illegal to listen. I'm sure if you get a copy of the actual law and read it you will find that this is the case.

--
B. Z. Lederman. My personal opinions.

4687. Re: Cordless Penal Code (CA)

Newsgroup: rec.radio.scanner
Date: 1994-06-06 17:53:30 UTC
From: lederman@intransit_tsc.vntsc.dot.gov
Message-ID: <1994Jun6.125330.65@bosv01>
Source record: 273520
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <Cqq75D.5A@rci.ripco.com>, glr@ripco.com (Glen Roberts) writes:
> California Penal Code:

First, thanks for posting this for our information.

> Section 623.6 Eavesdropping on confidential communication transmitted between
> cordless phones; Punishment.
>
> (a) Every person who, maliciously and without the consent of all parties to
^^^^^^^^^^^
> the communication, intercepts, receives or assists in intercepting or

I am not a lawer, but it would >SEEM< that if the reception
isn't malicious, it isn't illegal. Has this been tested in court
yet?

--
B. Z. Lederman. My personal opinions.

4688. Re: blue angels gone, hellow snowbirds

Newsgroup: rec.radio.scanner
Date: 1994-06-06 17:57:56 UTC
From: tharrell@nmsu.edu
Message-ID: <2svo34$1mi@dns1.NMSU.Edu>
Source record: 273442

Kenneth Oakman (keno@u.washington.edu) wrote:
: I finally get a scanner that should pick up the Blue Angels during
: tha anual Seattle Seafair, and now they are not comming. Does anybody know
: the frequencies that the Canadian team (the Snowbirds, I think) use?
: They will be here instead.

Here are some Snowbirds frequencies that I grabbed off a.r.s. quite awhile
back. No guarantee of validity.

CANADIAN SNOWBIRDS ch.1 275.80 ch.2 295.60 ch.3 310.80
ch.4 227.60 ch.5 243.40 ch.6 240.50
ch.7 378.50 ch.8 266.30 ch.9 294.50
ch.10 322.80 ch.11 245.70 ch.12 316.50
ch.13 344.50 ch.14 356.60 ch.15 236.60
ch.16 283.90 ch.17 363.80 ch.18 289.40
ch.19 245.0 ch.20 239.80

--

T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

4689. Re: Help With 150MHz Images-Pro43?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 18:31:05 UTC
From: mekkes@batcave.larc.nasa.gov
Message-ID: <199406061802.OAA03167@batcave.larc.nasa.gov>
Source record: 273436

In article <1994Jun2.211225.16429@cherokee.nsuok.edu>
veith@cherokee.nsuok.edu (Charles Veith) writes:

++> ...
++> ... images in the 150-160 Mhz range...
++> ...
++> My problem is overloading or imaging
++> from the Pager system (not sure of it's location). The Pagers
++> are totally wrecking my reception.
++> ...
++> Anyone tackled this problem successfully? I thought about
++> switching to the lowest gain antenna I could find or build
++> an outboard attenuator but...that would in turn wreck my dx
++> and weak signal reception. I wonder...what about a brute
++> force sharp filter for the paging freq?
++>
++> Any ideas will be appreciated.

Here's what I've run into and what I've been able to do so far.
My scanner is a PRO-2028, and one frequency of interest for me
is 130.525. Well, on this scanner IF=10.85 MHz, and as it
happens to turn out, 130.525 + 21.7 = 152.225 MHz, which just
so conveniently has LOTS of digital pager type activity. As a
result, it renders listening to 130.525 as almost completely
useless. I would love to find a lowpass or bandpass filter with
a steep enough cutoff to do the job. So in the meantime, I've
let the scanner do the filtering for me - I set the scanner to
listen to 130.525 - 21.7 = 108.825 MHz, and let the freq of interest
be the image which is now picked up - if the signal is strong
enough. I do end up missing about half of what is available doing
this, but that is much better than missing 90%. The only thing
I could think of to help this situation is using an amplifier on
the incoming antenna signal. Would this help out and is this
possible ??? - any suggestions ???

Greg Mekkes
mekkes@batcave.larc.nasa.gov

4690. Re: PRO-34

Newsgroup: rec.radio.scanner
Date: 1994-06-06 18:48:18 UTC
From: mattho@goanna.lbl.gov
Message-ID: <39490@dog.ee.lbl.gov>
Source record: 273437

Date: 4 Apr 89 14:24:01 GMT
Subject: PRO-34 Scanner Modifications

In the May 1989 edition of Popular Communications is a
"Letter to the Editor" on the Radio Shack PRO-34 Scanner. Below
is the text of that letter.

PRO-34 Scanner Modification

In regard to the information presented (March Issue) on the
handheld Radio Shack PRO-34 scanner, my own observations on the
modifications have been:

1. To restore missing 800 MHz frequencies, remove D-11.

2. To add 66 to 88 MHz (European Coverage), install a diode at
D-9.

3. D-10 must remain in place for full 800 MHz coverage.

4. If a diode is added at D-13 it cuts out aero band, also seems
to affect 800 MHz channel spacing.

5. D-12 added dosen't seem to have any affect.

6. Only D-10 and D-11 are factory installed.

I wish to thank you for a fine and informative magazine. I
have had much reading enjoyment.

Sam S. Jones,
Rebel Antenna,
Falls Church, VA

--
Julian Macassey, n6are julian@bongo ucla-an!denwa!bongo!julian
n6are@wb6ymh (Packet Radio) n6are.ampr.org [44.16.0.81] voice (213) 653-4495

4691. Re: Indy 500 Freqs HERE!

Newsgroup: rec.radio.scanner
Date: 1994-06-06 18:59:10 UTC
From: kd282s328@sycom.mi.org
Message-ID: <kd282s328.7d6b@sycom.mi.org>
Source record: 273464

In an article, albert@sc.hp.com writes:
> Kristine Duffy (kd282s328@sycom.mi.org) wrote:
> > (s)=Denotes Scrambled Communications
> >
> > Car Driver Frequency(s)
> > 1 Nigel Mansel 461.2875 468.2250
> > 2 E. Fittipaldi 852.1875(s) 855.7875(s) 856.7875(s)
> > 859.8375(s) 858.8375(s) 851.0375(s)
> > 851.0375(s)
> > 3 Paul Tracy 855.7875(s) 856.9125(s) 856.7875(s)
> > 859.8375(s) 858.8375(s) 851.0375(s)
> > 31 Al Uncer Jr. 854.8375(s)
>
> Maybe this is why Al Jr. lost his radio durring the race!
>
> Albert

yup.. I was listening to them at Indy adn it sounded like Speech Inversion. but I can't believe Penske would use such a poor system.. it sounded like they were transmitting ok even once their communications quit.. so I'd bet on bad com making the scrambled communications unusable.. maybe they will learn from the NASCAR teams that tried to scramble before..

Or maybe they will just do what some teams have and use Cell Phones and jusr redial during Yellow flag laps to get a new channel. (using frequency hopping to hide)

BTW: all my frequencies were correct for Indy so if anyone needs a copy for reference for the rest of the INDYCAR season drop me a note.. some may change but many should remain the same for the season.

-Kris
kd282s328@sycom.mi.org (Kristine Duffy)

4692. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-06 18:59:50 UTC
From: daveh@lmsc.lockheed.com
Message-ID: <Cqzorr.1oH@butch.lmsc.lockheed.com>
Source record: 273440

RS was using hand-written receipts while the rest of the retail world
was using bar-codes. All this while calling itself the "Technology Store".
Go figure.
-Dave

4693. Re: Pro2026

Newsgroup: rec.radio.scanner
Date: 1994-06-06 19:14:42 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-060694121442@earl.llnl.gov>
Source record: 273438

In article <scott.8.000BD892@hp8c.nrl.navy.mil>, scott@hp8c.nrl.navy.mil (Scott) wrote:
>
> I just upgraded from my trusty little BC142XL to the 2026. Nice of RS to
> discount it enough to fit my budget. So far GREAT!
Stuff deleted

Do you have this hooked to you car antenna, and if so, how does it work?

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

4694. PRO-2026

Newsgroup: rec.radio.scanner
Date: 1994-06-06 19:32:55 UTC
From: jeff.wright@chrysalis.org
Message-ID: <9406061932.0RGNC02@chrysalis.org>
Source record: 273466

Greetings...
<

<
I just bought one of the PRO-2026's that Radidio Shack has on sale...and
<
when I hooked it to my main antenna, boy, do I get intermod. My BC-200
<
doesn't get anywhere near that kind of intermod. Does anyone have any
experience
<
with the 2026? My antenna is a diskone hiding in the attic...
<

<
Also, does any one have any mods for this scanner?
<

<
Please reply directly to me if you have mods.
<

<
Thanks,
<

<
jeff.wright@chrysalis.org <

4695. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-06 19:33:23 UTC
From: jkearman@arrl.org
Message-ID: <1994Jun6.193323.230@arrl.org>
Source record: 273453

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: In article <CqxvG1.598@world.std.com>, I wrote:
: > Lafayette sold many products under the manufacturers['] labels.

: I'll retract that. I believe it was only true in the end after the ill-fated
: expansion.

When did the expansion begin? I remember getting large Lafayette
catalogs in the early 60s, and I thought they carried other mfrs
ham gear, for example. In about 1969, I bought a Norelco cassette
player at a Lafayette store in the Buffalo area.

Life was good in Buffalo when Radio Shack, Olson and Lafayette
all had stores within about a block of each other downtown!

Jim

4696. Re: Hot Air Balloon freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 19:34:52 UTC
From: cab@col.hp.com
Message-ID: <2svtos$c0v@hp-col.col.hp.com>
Source record: 273445

> > ----------
> >Many hot air balloons have hand held aviation radios. Voice is around
> 118 to
> >136 MHz AM (not FM).
> > ----------
> The common freqs should be 122.9, 122.95, 122.75, 123.0, and you will
> probably hear traffic on 122.7, 122.8, and 122.9
> > ----------

This is the rote answer I used to reply with, too, but I learned something yesterday that changes my opinion slightly. I received my reminder card for crewing at the Balloon Classic this year, and it asks: do you have an open pickup truck and how big is it, and do you have a CB radio.

So, a better answer (said in part by others before me) is: they'll use the aviation band when they have to talk to controlling agencies, but it's less likely that that's what they coordinate chase teams over, and that's what will probably have more interesting content. CB is one choice, and since not everyone is a ham, it's a really popular choice. They get volunteers to crew and chase a lot, so they need a system that a lot of people are likely to have already.

4697. Re: Pro-43: cosmetic gripe

Newsgroup: rec.radio.scanner
Date: 1994-06-06 19:37:31 UTC
From: cab@col.hp.com
Message-ID: <2svttr$c22@hp-col.col.hp.com>
Source record: 273446

My 43 is holding up like a champ - it really surprised me to hear this.

(My '89 Blazer isn't, though. The Cavalier guy should ask about a recall -
they make it sound like my repaint will be free.)

4698. Re: States in the USA that banned mobile scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 20:30:12 UTC
From: jw@nowhere.unm.edu
Message-ID: <jw-060694133012@medlab14.unm.edu>
Source record: 273441

In article <2suca2$jin@miasun.med.miami.edu>, bsherman@umbio.med.miami.edu (Bob Sherman) wrote:

> shc@mt747.mt.att.com (14035-S.CHU(MT5712)XXXX) writes:
> : Let me try this once more...
> :
> : If I travel from NJ (legal), with scanner turned on, and cross the state
> : line to NY (illegal), I should turn it off ? Will the NYS trooper stop
> : me if he/she sees the scanner antenna ? What if I carry a portable in
> : the car and programmed various NYS freq in it but claim that I turn it
> : off when I cross the state line ? Can they confiscate my scanner ?
>
> Be safe, when you cross the NY state line, not only turn off the radio,
> but lock it in the trunk of the car. It will certainly help to prove
> your claim that it was off since entering the state..
>

Typical NY law. NewYorkers and Californian's need to be re-located elsewhere like for instance Mars or better yet Jupiter in a few weeks.

4699. Re: What is a "Sportcat?"

Newsgroup: rec.radio.scanner
Date: 1994-06-06 20:37:55 UTC
From: sem2@vms.cis.pitt.edu
Message-ID: <sem2-060694123755@oss7q.cis.pitt.edu>
Source record: 273434

In article <9406061615.AA19714@xp.psych.nyu.edu>, moy@xp.psych.nyu.edu
wrote:

> Friends,
>
> A recent Wal-Mart flyer advertises the following:
>
> "Uniden(R) Handheld Scanner - Includes 12 bands with aircraft and 800
> mhz. Stores up to 100 channels. Turbo Scan(TM) allows you to scan
> 100 channels per second. One-touch weather channel scan capability.
> No. SC150B. $199.73"
>
> The photo shows its rounded bar-of-soap shape, LCD display, duckie
> antenna and oddly-shaped (like some TV remote controls) buttons. The
> unit is labeled "Twin Turbo SPORTCAT" and "Uniden Bearcat." Not
> unlike the RS Pro-46. Does anybody know what the bloodlines are of
> this beast?

From everything I can tell it seems to be a BC 200xlt minus 100 channels,
plus it has turbo scan.

Steve Mielnicki
Macintosh Systems Analyst
Office Systems Services
Computing and Information Systems
University of Pittsburgh
sem2@vms.cis.pitt.edu

4700. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-06 20:45:16 UTC
From: glyle@marie.seas.ucla.edu
Message-ID: <1994Jun6.204516.11627@enterprise.rdd.lmsc.lockheed.com>
Source record: 273448

In article <CqzH0n.KKD@freenet.carleton.ca>, an678@FreeNet.Carleton.CA (Robert C. Walker) writes:
|>
|>
|> In a previous article, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) says:
|>
|> >In article <CqxH0A.9BB@freenet.carleton.ca> an678@FreeNet.Carleton.CA (Robert C. Walker) writes:
|> >>To my knowledge, since I have an insider's knowledge of sorts, the
|> >>salesmen were required to ask for your name and address. There were no
|> >>awards given...but a salesmen was judged by how effective he/she was in
|> >>obtaining a customer's name and address...which was used to mail the
|> >>monthly sales catlog to a customer's home.
|> >
|> >One thing that really bugs me about this is that I would go into RS several
|> >times a week to buy misc. parts. Each time I would give my name, address,
|> >etc, but every time the RS ad came in the mail, it said Brent Miller. In
|> >3 YEARS they never corrected my name!! My 10% discount card also came with
|> >the wrong name on it. I have a hard time waiting the extra few minutes for
|> >them to one-finger type my info into the system when I know they will never
|> >update my information.
|>
|> But, its light years ahead of how it used to be...when I worked there the
|> salesclerk had to handwrite every name and address on each sales
|> ticket...at least now if you frequent the same RS they've at least got
|> your name and address on the computer filed by phone number!

At least they don't sell the mailing list. I give a different middle
initial to any business that might sell a mailing list. That way I
know who sells my address. Radio Shack's "initial" has never come to
my house on anything but a RS mailing.

The worst offenders seem to be mail-order women's clothing outfits.
Once my wife ordered a blouse from an outfit called "Willow Ridge".
By the time that "initial" was sold and re-sold, we were getting
mail from 13 different outfits, including a christian book company.
(I wonder if they figured that only christian women order blouses?)

Ok, I'm far enough off the thread. I'll get off now...

George

4701. SJ/CA Monitoring Opportunity

Newsgroup: rec.radio.scanner
Date: 1994-06-06 20:54:40 UTC
From: cntrspy@netcom.com
Message-ID: <cntrspyCqzu35.Cwz@netcom.com>
Source record: 273447

For those of you Barbara Striesand fans, she will be in town the next
few days, staying at the Fairmont Hotel.

According to local news media her security is Extremely tight
(something about being on a Palestine hit list). Her security
people are supposed to be ex-Israeli Intelligence personnel
(again this is all from the local news media).

Since I like monitoring other people's business, anyone have
a list for the San Jose Sharks Arena ?

Also I will be looking on all the usual itinerant (and not so usual)
freqs to see if these guys are pro's or amateur.

Please post replys for all to benefit, and thanks.

--

--

//
Chris Hall
Operations Director
Executive Protection Associates, Inc.

Executive Protection, Privacy Protection Strategies for Fortune 500
Executives and Other Interested parties. Off-shore investment and
Second Passport agents.

//

"I' not a lawyer, I just play one on T.V."

Opinions Expressed are those of the author and NOT those of EPAI.

PGP Key available... If you ask nicely...

4702. Re: A detailed Frequency list as some requested

Newsgroup: rec.radio.scanner
Date: 1994-06-06 21:50:35 UTC
From: dvss!jtroy@udel.edu
Message-ID: <940606.165035.0F3.rusnews.w165w@dvss.UUCP>
Source record: 273451
Cross-posted to: rec.radio.scanner,alt.radio.scanner

mike@world.std.com writes:

[all of the celluar freqs deleted]

That's nice and all, thanks. Personally, I find it easier just to remember 869-896 and the rest is academic. 2600 magazine published a big expose' on cellular freq allocations late last year. Pretty much everything was covered. FYI.

--
Jay Troy Delaware Valley Solution Systems, Inc.
Computing Solutions for Business and Industry
P.O. Box 190 // Claymont, DE 19703 // (302)798-DVSS
Internet: ...!udel.edu!dvss!jtroy (jtroy@dvss.UUCP)

4703. For Sale Comtronics CE-232 scanner/computer interface $175

Newsgroup: rec.radio.scanner
Date: 1994-06-06 21:50:37 UTC
From: mike@world.std.com
Message-ID: <CqzwoE.FsB@world.std.com>
Source record: 273450
Cross-posted to: alt.radio.scanner,rec.radio.scanner

CE-232 (formerly HB-232) Scanner/Computer interface for Pro-200X.
this is the kit: essential parts, detailed instruction manual program disk
and files for one radio.

kit is unopened and unused. $175.00 (comtronics price is $194.00)

if interested send mail.
--
Test .sig

4704. Re: Help With 150MHz Images-Pro43?

Newsgroup: rec.radio.scanner
Date: 1994-06-06 23:29:34 UTC
From: kenw@col.hp.com
Message-ID: <2t0bgu$lp4@hp-col.col.hp.com>
Source record: 273452

Sometimes... a simple 10 to 20 dB attenuator in series with the antenna input will do the trick on pager intermod. Yes, this decreases the sensitivity of the scanner, but most scanners are too sensitive to begin with for local stations.

You can find these in Radio Shack (as TV attenuators), but you must buy F-to-BNC adapters, at hamfests, or you can make your own. Look in the ARRL Handbook for the design details.

4705. Re: Freqs at USN/USAF Air shows

Newsgroup: rec.radio.scanner
Date: 1994-06-06 23:37:13 UTC
From: tharrell@nmsu.edu
Message-ID: <2t0bv9$bc2@dns1.NMSU.Edu>
Source record: 273456

Joe Weissmann (weissmjn@ucbeh.san.uc.edu) wrote:
: A few months ago someone posted the frequencies used by the Blue Angels &
: Thunderbirds during their setup and airshow performance. I believe this post
: was in rec.aviation.military.

: If someone in this group has a copy or knows the freqs., could they please
: re-post.

The first was an article pulled off r.r.s. a bit back, and the second is a
compilation of Blue Angels frequencies that I culled from several net lists.

THUNDERBIRD FREQUENCIES (NOT VERIFIED BY ME)

HINT....
Make sure you bring along an amplified speaker or a good set of
earphones and a few sets of batteries.

HEADER DELETED (KJM)

Following frequencies for the Thunderbirds.

66.90
114.95
118.1
120.450 F-16 stunt coordination
123.540 air show control
124.925 air to air
126.2 tower
134.1 parachutists
138.875
141.850 air coordination (verified)
148.550 maintenance
241.4
250.85 team leader command
273.5
283.5
295.7
322.3
322.6
382.9
394.0
413.025 ground support crews

HEADER DELTED (KJM)

THUNDERBIRD FREQS. 5-JUL-1989 12:45
Heard on Jul 1 & 2 1989 from Hanscom AFB:

T-Birds: 141.850 & 236.550

HEADER DELELTED (KJM)

Blue Angles Thunderbirds
142.0 120.45
143.0 126.2
143.6 141.85
241.4 413.025
251.6
275.35
384.4

HEADER DELETED (KJM)

Otis AFB in Massachusetts on Sunday July 10, 1988.
I had a Radio Shack PRO-2004 hooked up and monitored all frequencies
that I have heard of in this notes file and DX publications. The only
active one was 141.850 MHz in the AM mode. This was used for flight
coordination between planes.

++
+ Kevin J. McNeill | internet: +
+ Digital Equipment Corporation *| mcneill@salem.enet.dec.com +
+ 9 Northeastern Blvd. | +
+ Salem, NH. USA 03079 | TEL: 603 894-2555 +
++

USN BLUE ANGELS FREQS.
==========
Not all frequencies are used at all airshows. During practice,
channel usage may not conform to actual airshow usage.

Maintenance / Flightline

142.000 Alpha Maintenance (AM) - rpts. on A-A channel
143.000 Bravo Maintenance (AM) - rpts. on A-A channel
141.560 Charlie Maintenance
142.025 Delta Maintenance (ground support) in
142.625 Delta Maintenance out
143.600 Ch. 10 Maintenance
263.350 Flight Line Common Maintenance
142.260 Unknown
142.2625 Unknown
142.265 Unknown

Flight - Air-to-ground

118.100 Unknown
118.200 Unknown
121.900 Ground Support (refueling, etc.)
123.400 Common Control
123.450 Common Control
251.600 A-A 8 (planes 5-6, the "soloists)
307.700 A-A 16 (All 6 aircraft)
302.150 A-A 17 (All 6 aircraft - alternate)
275.350 A-A (Diamond formation - planes 1-4)
246.400 A-A (Solo/2-Team)
251.800 A-A 19 (planes 5-6)
302.100 Talkback (?)
348.600 Ground Support (?)
360.400 Soloists (?)
362.600 Air Show Control (?)

241.400 A-A 382.500 A-A
245.900 A-A 384.400 A-A
250.800 A-A 391.100 A-A
263.500 A-A 391.900 A-A
318.900 A-A 395.500 A-A
345.900 A-A 395.900 A-A
--

T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

4706. Re: This Week on Spectrum June 4, 1994

Newsgroup: rec.radio.scanner
Date: 1994-06-06 23:58:10 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <IWxyjGG8yHh5065yn@dorsai.dorsai.org>
Source record: 273463
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.pirate

In article <2spikg$r8j@ionews.io.org>, Niel J. Wolfish wrote:
> >On Saturday June 19'th Spectrum will celebrate its one year anniversary
> >with a special show. You'll just have to tune in and find out what
> >happens.
>
> Let me guess.... there will be a special interview with "Kristin Kaye" from
> her/his/its secret hideout in Paraguay?

Nope, we've got the entire RNI crew comming down and they will do the show
to the total shock of George at WWCR. Either that or we will have Pygmies
chanting the commercials in acient Greek. Would you believe we will do our
impressions of the Marx Brothers doing the show? Anyway, Kristin Kay is
in Sing Sing Prison, or at least lives near there.

--
< ^^>
< "Big Steve" Coletti >
< Shortwave Listener, Broadcaster, Computer Consultant >
< and all around nice guy >
< Internet: bigsteve@dorsai.dorsai.org ==== S.COLETTI2@genie.geis.com >
< UUCP: steve.cole@islenet.com ==== steveny@lopez.marquette.mi.us >
< Fidonet: 1:278/307 US Mail: P.O. Box 396, New York, NY 10002 >
< Voice: +1 212 995-2637 >
~~~~~~
~~~~~~

4707. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-06 23:59:43 UTC
From: gdallal@world.std.com
Message-ID: <Cr02nK.65D@world.std.com>
Source record: 273454

Jim Kearman (KR1S) (jkearman@arrl.org) wrote:
: Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: : In article <CqxvG1.598@world.std.com>, I wrote:
: : > Lafayette sold many products under the manufacturers['] labels.

: : I'll retract that. I believe it was only true in the end after the ill-fated
: : expansion.

: When did the expansion begin? I remember getting large Lafayette
: catalogs in the early 60s, and I thought they carried other mfrs
: ham gear, for example. In about 1969, I bought a Norelco cassette
: player at a Lafayette store in the Buffalo area.

Perhaps I should retract my retraction! In the late 70's Lafayette
started following RS's lead of opening mall stores. They became a
cross between what they were and a stero outlet. They'd routinely
take out adds featuring their $200 stereo system, $300 system, etc.
You'd walk into a store and there would be stacks of turntable,
amplifier, and speaker boxes. Take one from this stack, one from that
stack, and so on. Reasonable stuff, too. BIC turntables, Signet cartridges.

4708. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-07 00:03:06 UTC
From: gdallal@world.std.com
Message-ID: <Cr02t7.791@world.std.com>
Source record: 273455

sbrackstone@cc.memphis.edu wrote:
: Am I the only one who remembers fondly Allied catalogs before it became
: Allied-Radio Shack, and totally destroyed a really good, comprehensive
: source of electronic and supplies?

The next thing you know, you're going to have us waxing sentimental over
Radio Row in downtown Manhattan!

4709. Re: Wanted: Paramount Great America Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-07 01:12:33 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-060694171246@m11105.esl.com>
Source record: 273460

In article <1994Jun1.220023.6279@wdl.loral.com>, salvini@wdl.loral.com
(Harry Salvini) wrote:

> I'd like to get my hands on the frequencies used by Great America
> in Santa Clara, CA.
>
> Anyone got 'em handy?
>
From the FCC database - they use 157.74, 490.2625, and 493.2625

The opinions expressed here are | Covering 50KHz to 2GHz contigous.
my own but you can have 'em if |
you want 'em. | Engineering today for a better tomorrow.

4710. Roch, NY club 1/2

Newsgroup: rec.radio.scanner
Date: 1994-06-07 01:15:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <771010693.AA05393@rochgte.fidonet.org>
Source record: 273385

The first meeting of the Rochester area's newest radio club was held on Saturday, June 4 at 13:00. The six members in attendance made a few preliminary decisions and discussed some options for the future operation of the club.

If you would like to join us, please contact David Stark, 580 Seneca Pkwy, Rochester, NY, 14613-1020. You may call me during evening hours at (716) 254-1726 or send Internet Email to me as david.stark@rochgte.fidonet.org. If you are on Fidonet, my Netmail address is 1:2613/333.2 (routed via my Bossnode).

Some of you who are reading this message have already expressed interest in joining the scanner club. I need information from you. Please complete the survey information at the end of this message and email it back (or phone it in if you wish).

Present at the first meeting:

David Stark, Dave Chen, Peter Traeg, Dick Deyoung, Tom English, Charles Wells.

Decided at the first meeting:

Dues: No dues are needed as long as the club does not conduct any activities or provide any services that cost money.

Meetings: Future meetings will be held at the same location (my house). This is a fairly central location and has the advantage of being free of cost. I have plenty of room for us to meet and am willing to continue acting as host.

Officers: Those attending the meeting agreed that we don't need officers until/unless we start collecting dues for some reason, or until the group becomes too large to run informally. We prefer to focus on our common monitoring hobby rather than the administrivia and politics of club offices.

Notification: We would like to set up a private, informal notification service to make interested members aware of notable incidents as they are occurring. Since using paging services a la Firenet is expensive, we decided to do whatever we can for free until there might be enough interest to start a more formal network and charge for the service. Member notifications would usually be by telephone, and we need to design a telephone tree that minimizes (or eliminates) the need for long distance calling.

To be decided at or before the next meeting:

When will the next meeting be? I would like those interested to send me a list of the best dates and times during July and August for a one- to two-hour meeting.

Should we have a net on amateur radio for those members who are licensed hams?

What types of incidents do we want to trigger the notification calls? Should it depend on the time of day, location, member's individual interest, or any combination of these or other factors? Also, who is going to be monitoring, what and when?

Should we have a newsletter? If yes, then who will edit it and how will it be distributed? (Mailing costs money, but if we meet regularly it could be made available at meetings.)

What will be the agendas of future meetings?

What will we call ourselves? I forgot to bring this up at the meeting, so here is my proposal - Finger Lakes Alert Group (FLAG). Whattya think?

This has gotten sort of lengthy, so I will send the survey/application questions in a separate message.

73 de Dave, NF2G
FLAG-1 ?

4711. Roch, NY club 2/2

Newsgroup: rec.radio.scanner
Date: 1994-06-07 01:16:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <771010693.AA05394@rochgte.fidonet.org>
Source record: 273386

If you are interested in joining our Rochester area scanner club, please complete this form and return it to me via one of the following routes:

Internet: david.stark@rochgte.fidonet.org
Fidonet : 1:2613/333.2 (use routed Netmail)
Snailmail: David Stark, 580 Seneca Pkwy, Rochester, NY, 14613-1020
Telephone: (716) 254-1726 (evenings)

Finger Lakes Alert Group Member Application/Survey
(name pending membership approval)

Name:
Address:
City:
Zip+4:
County:
Home phone:
Work phone:
Page phone:
Internet:
Fidonet:
Ham call:
CB call:
GMRS call:
CRB registry:
RCMA number:
NESC number:
other clubs:
Special monitoring interests:

Best meeting days/times:

Any thoughts you may have on the issues raised in the first message:

4712. Maryland Police Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-07 01:16:22 UTC
From: siemer@umbc.edu
Message-ID: <2t0hp6INN91o@umbc7.umbc.edu>
Source record: 273459

Can someone list or point me in the right direction for
police freqs for Maryland State Police helicopter and
the Frederick County Sheriff freqs - the radio shack
catalog does not break them down enough.

Thanks

4713. Re: A detailed Frequency list as some requested

Newsgroup: rec.radio.scanner
Date: 1994-06-07 01:51:57 UTC
From: tharrell@nmsu.edu
Message-ID: <2t0jrt$dr4@dns1.NMSU.Edu>
Source record: 273461
Cross-posted to: rec.radio.scanner,alt.radio.scanner

```
: That's nice and all, thanks. Personally, I find it easier just to remember
: 869-896 and the rest is academic. 2600 magazine published a big expose' on
: cellular freq allocations late last year. Pretty much everything was
: covered. FYI.

More like 869-894 - 894-896 is allocated for airphones, AM mode, 6kHz
spacing. BTW, does anybody have information on how to use an old UHF TV
tuner as a downconverter for the 800 MHz band? I'd like to use my PRO-43
to scan the airphones using 494-496 MHz at 12.5 kHz spacing, instead of
the current 30 kHz steps in the 800 MHz range.

--
/----------------------------------------------------------------\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Finger weasel@acca.nmsu.edu for PGP public key |
\----------------------------------------------------------------/
```

4714. Where to buy 2006?

Newsgroup: rec.radio.scanner
Date: 1994-06-07 02:07:00 UTC
From: charles.marks@compudata.com
Message-ID: <12a.2307.757.0N3E20A3@compudata.com>
Source record: 273468

MA>Someone posted a while back a distributor (in Texas
MA>, I think) which sold scanners along with RS scanners.
MA>I wanted their address or if someone can tell me if
MA>they are less expensive than RS, guarantee, etc.

I do believe that you are referring to a company called Marymac
Distributing that's located in Katy,TX. I called them the other day and
they answered the phone by saying "Hello, Radio Shack...may I help you?"
Talk about instant turn-offs! I called asking for a catalog and was told
that they are a mail-order business and do not send out catalogs.
Doesn't make much sense to me. The number I was given for Marymack
Distributing is (713) 392-0747
If I were you I would also try Scanner World located in Albany NY.
Their number is (518)436-9606. Don't be put off if the nasty old wench
with the nasty disposition answers the phone. I've been told they have
the best prices around!
---
charles.marks@compudata.com

4715. Re: can some PRO-43's be modified, some not?y

Newsgroup: rec.radio.scanner
Date: 1994-06-07 02:15:02 UTC
From: markspacer@aol.com
Message-ID: <2t0l76$d1j@search01.news.aol.com>
Source record: 273462

In article <1994May26.090018.64597@kuhub.cc.ukans.edu>,
bbb@kuhub.cc.ukans.edu writes:

My Pro-43 SN#74563 no-problem modified easily

4716. Re: PRO-34

Newsgroup: rec.radio.scanner
Date: 1994-06-07 03:04:40 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770976276@f747.n115.z1>
Source record: 273397

-=> Quoting Bob and Yvette Peticolas to All <=-

BaYP> From: bobvette@acca.nmsu.edu (Bob and Yvette Peticolas)
BaYP>
BaYP> Does anybody have mods (or know where there are any) for the RS PRO-34
BaYP> scanner?
BaYP>
BaYP> bob

Hmmm....I think I still have a mod file for this unit...

Product: Realistic PRO-34
Purpose: Restore continuous 800 Mhz coverage

** Disclaimer...Doing this procedure is done at your own risk. This
procedure is fairly complicated and should not be attempted by anyone
unfamiliar with soldering small circuit boards. **

** Warning...Performing this modification restores certain portions of
the 800 Mhz band that is prohibited by U.S. federal law to monitor. **

The following procedure is from the December, 1988 issue of Monitoring
Times, page 89.

1. Remove the battery cover and battery, four black screws from the rear
cover, and volume and squelch knobs.

2. Remove the rear cover, lifting back and upwards to clear the control
shafts (do not remove belt clip or circuit board screws.)

3. Unplug the brown volume control connector (green, yellow, black
cable) and white squelch cable connector (white, black, red cable) from the
linear circuit board.

4. Unsolder the ground lead from T111 (at the corner of the linear
circuit board above the external power connectors). (My note- my
particular unit didn't have this connection. This may be true of other
units.) Unsolder the two power switch leads from the back of the volume
control. Unsolder the antenna connector center pin and ground leads from
the linear circuit board.

5. Unscre the four combination screws that hold the linear circuit board
and held the rear cover screws. Grasp the linear circuit board at the top
and lift it straight away from the front case, unplugging the 16 pin
connector.

6. Remove the three screws holding the metal frame assembly which held
the linear circuit board to the front panel. Unplug the red-black power

lead and lay the frame aside (it is still connected to the battery contacts).

7. Locate diodes D9-D12 on the volume control side of the logic circuit board under T1; D10 and D11 are marked. Clip one lead of D11, separating the gap slightly (it may be resoldered later if desired).

8. Re-assemble the board by reversing the disassembly procedure.

For information...D9 enables 66-88 Mhz, though re-alignment is required and 30-54 Mhz band is lost. D10 enables 896.1125-960 Mhz and is already installed. D12 disables 136-146 Mhz. I found on my unit, which was older, D12 changed the stepping of 12.5 Khz on certain portions of the band where 30 khz would be the default.

Jerry

4717. Re: Why is the Pro-2006 D503 mod available?

Newsgroup: rec.radio.scanner
Date: 1994-06-07 03:10:35 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <770976277@f747.n115.z1>
Source record: 273398

-=> Quoting johnsonk1@yvax.byu.edu to All <=-

jo> From: johnsonk1@yvax.byu.edu
jo>
jo> Why does GRE require you to clip a diode to increase the speed? It
jo> seems to me that faster is better, and a scanner manufacturer would
jo> want to make their scanner as fast as possible right out of the box.
jo> Does the mod negatively affect some other aspect of the scanner? If so,
jo> why didn't they just install a switch so that you could easily turn
jo> faster scanning on or off when you like?

Hi, Ken...
There are no negative side effects to the scanner when you clip the
diode. It is possible that some channels were skipped because of the fast
scan rate, though no difficulty with this has been reported.

Why ask Why? <g>

Jerry

4718. Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-06-07 05:32:53 UTC
From: jdwong@tomatillo.engr.ucdavis.edu
Message-ID: <Cr0I2u.5B3@ucdavis.edu>
Source record: 273467

I already saw a post that scanners are illegal to use in NY.
Are scanners illegal to use in CA vehicles?
I'm a ham radio operator, so I'm wondering whether HAM radios
are affected.

4719. Re: Why is the Pro-2006 D503 mod available?

Newsgroup: rec.radio.scanner
Date: 1994-06-07 11:44:46 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2t1mje$67e@umcc.umcc.umich.edu>
Source record: 273470

I would assume the reason the diode is in the 2006 to limit the speed in the first place is for reliability. Maybe the 10% decrease helps the C.P.U. last a little longer and thus cut or virtually eliminate warranty problems. Les

4720. Re: Bearcat Mods

Newsgroup: rec.radio.scanner
Date: 1994-06-07 12:16:49 UTC
From: gilles@well.sf.ca.us
Message-ID: <2t1ofh$o4j@nkosi.well.com>
Source record: 273471

To obtain mods for a variety of scanners you can (if your on the Internet) ftp to oak.oakland.edu. I'm not sure of the directory path but a little poking will get you results.

4721. Re: States in the USA that banned mobile scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-06-07 12:27:04 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.68.000C73DE@cornell.edu>
Source record: 273383

>Typical NY law. NewYorkers and Californian's need to be re-located
>elsewhere like for instance Mars or better yet Jupiter in a few weeks.
I beg your pardon. I don't believe that I have ever seen a report that we here in New York have a higher percentage of morons than elsewhere. I really get sick and tired of all of those who, when they hear New York, only think of the city. Perhaps the rest of us would be better off if your gene pool was relocated. (flame intended)
Carl (EX-Jarhead)
"To those who have fought for it, freedom has a flavor the protected will never know"

SSS EEE MM MM PPP EEE RRR FFF III
S E M M M P P E R R F I
SSS EE M M P P EE R R FF I
S E M M P E R R F I
SSS EEE M M P EEE R R F III

4722. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-07 13:34:00 UTC
From: pilant@seesaw.enet.dec.com
Message-ID: <2t1t08$8st@nntpd.lkg.dec.com>
Source record: 273378

From a (mostly) silent reader...

Allied is not dead. I saw an add a couple of months back in (EDN or Electronic Design, I'm not sure which) for Allied that said they were"back".

When I called to order their latest catalog, I was told they never went out of business. They went through a couple of hands after Tandy, and are now part of the Avnet Company.

Anyway, their new catalog has much of the same feel as the last time I saw one (when I built a Star-Roamer Knight-Kit many moons ago). If you are interested call 1-800-433-5700. You should be able to get a catalog. (The 1994 just came out; at about 1000 pages :-)

- Mark

4723. Re: Why is the Pro-2006 D503 mod available?

Newsgroup: rec.radio.scanner
Date: 1994-06-07 13:38:43 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.275.000DA59D@ccm.hf.intel.com>
Source record: 273399

In article <2t1mje$67e@umcc.umcc.umich.edu> lbutler@umcc.umcc.umich.edu (Les Butler) writes:

>I would assume the reason the diode is in the 2006 to limit the speed in
>the first place is for reliability. Maybe the 10% decrease helps the
>C.P.U. last a little longer and thus cut or virtually eliminate warranty
>problems. Les

This is probaly true. Another reason is for future models. They can do a cosmetic make-over of the 2006, remove the diode and sell it as "super-hyper scan" since it has a faster scan rate than the 2006. They did a similar trick going from the 2005 to the 2006.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4724. Re: Scanner Converter to 800 mhz Questions

Newsgroup: rec.radio.scanner
Date: 1994-06-07 13:50:18 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-070694064947@earl.llnl.gov>
Source record: 273473

In article <16FC2AD6F.NSVJM@TJUVM.TJU.EDU>, NSVJM@TJUVM.TJU.EDU (John McGinn) wrote:
>
> There is advertisement in J.C. Whitney catalog stating that they sell a
> converter for booth hand held and base stations that 'Expand the range of
> scanner radio' to include the 800 mhz frequency.' It goes for $85 to $90.
> Also, they sell a scanner radio preamp it boost signal reception up to 20db.
> This sell for $55 to $65.
> I don't know much about scanner so any and all info would be helpful.
> Thanks, John

Another problem using a converter is that it will not search selected portions of the 800 band using the correct 30 KHz spacing.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

4725. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-07 13:55:02 UTC
From: rjgrocho@aud.alcatel.com
Message-ID: <2t1u7m$p9m@fozzy.aud.alcatel.com>
Source record: 273474

In article 00088192@ccm.hf.intel.com, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes in part:
->
->In 3 YEARS they never corrected my name!!

Can you IMAGINE what they've done to MY name!?

Cheers,

Robert Grochowski

4726. Re: States In The Usa That Banned Mobile

Newsgroup: rec.radio.scanner
Date: 1994-06-07 14:23:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <cf4_9406071013@blkcat.fidonet.org>
Source record: 273375

All of the above advise is probably quite true - BUT - Living in NY
state - I have had several different scanners mounted in my vehicles
for many years and have never had anyone even question it. This
includes having gone thru several state police and local sheriff
"traffic stops". I think the real message is don't flaunt it and
don't be an ambulance chaser and you will be all right.
Of course there is always the "better safe than sorry" logic which
also has a lot going for it.
Anyway, have a safe trip!

Fidonet: Tom Eagan 1:109/239
Internet: Tom.Eagan@f239.n109.z1.fidonet.org

4727. Re: Bought a 2006, need MODS & TRICKS!

Newsgroup: rec.radio.scanner
Date: 1994-06-07 14:23:51 UTC
From: dseitel@crl.com
Message-ID: <2t1vtn$nlu@crl2.crl.com>
Source record: 273377

Jerry Smith wrote:

> Clipping two diodes behind the key panel will enable continuous
> 800 mhz coverage and increase scan speed from 26 cps to 30.

I can understand why they put in a diode to remove cellphone coverage.

But why would they have hobbled the scanning rate?

David Eitelbach

4728. Re: Freqs At Usn/usaf Air Shows

Newsgroup: rec.radio.scanner
Date: 1994-06-07 14:38:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <cf5_9406071013@blkcat.fidonet.org>
Source record: 273376

I recently saw the Thunderbirds at Wilkes Barre-Scranton (PA) air show.
Here is what I VERIFIED -
141.850 - By far the busiest freq - used before and during the show.
Before the show they ran thru the whole routine on this freq
and during the show this was the MAIN delta formation freq.
322.950 - Used on the ground before the show for pre-flight check out.
During the show was used by the two solo planes.
235.250 - Was ID as TB control but was used very infrequently.
413.100 - Very active before the show. Mainly maint and "get ready"
type chatter, ground crew, maint etc. Was used as the
T-birds were taxing out to inform them that their "chatter"
was being re-broadcast thru airshow PA system.
120.450 - Before show seemed to be keyed along with 141.850 but during
the show there was no further activity on this freq.
122.850 - Used by "Swift Magic" and couple other acts during the show.
I have seen both the Angles and the T-birds and I can tell you the
T-birds have MUCH more chatter to listen too, although both teams are
GREAT.
Enjoy the show, hope this helps a little.

Fidonet: Tom Eagan 1:109/239
Internet: Tom.Eagan@f239.n109.z1.fidonet.org

4729. Icom R100 Comments SOught

Newsgroup: rec.radio.scanner
Date: 1994-06-07 15:09:17 UTC
From: adam@panix.com
Message-ID: <2t22it$dq5@panix.com>
Source record: 273379
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

I have a friend who is interested in the Icom R100. If you have experience with this radio, he'd appreciate hearing your comments (both pro and con) as well as alternative suggestions. Pointers to anyplace where discussions about the R100 might be archived would also be useful. I'll forward replies.

-Thanx
-Adam (N2DHH)

adam@panix.com

4730. Re: UNIDEN MR8100A scanner for sale!

Newsgroup: rec.radio.scanner
Date: 1994-06-07 15:11:52 UTC
From: dongil@netcom.com
Message-ID: <dongilCr18vt.175@netcom.com>
Source record: 273380
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

Michael Crestohl (mc@northshore.ecosoft.com) wrote:
: I am posting this goodie for a friend:

: For Sale: UNIDEN MR-8100A Scanner:
: designed for use by the California Highway Patrol, covers up to 950 MHz
: (including cellular), 100 channels, scans at 100 channels per second,
: has unique alpha-numeric display which can be programmed with a personal
: computer (software included). Like new, in original box with heavy-duty
: mobile speaker, programming software, all manuals, shipped UPS ground
: for $235.00.

I am interested but have heard some bad comments regarding the
performance of this unit. I monitor 160.500 - 161.500.

Who has input regarding this unit.

Don Gilchrist

4731. Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-06-07 15:20:32 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9406070918.AA145468@f217.n202.z1.fidonet.org>
Source record: 273382

T> Are scanners illegal to use in CA vehicles?

The ONLY law specific to scanners in Ca. is the one outlawing
monitoring of cordless phones.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

4732. Re: decode freq inv with SSB

Newsgroup: rec.radio.scanner
Date: 1994-06-07 19:04:13 UTC
From: schuster@panix.com
Message-ID: <2t2gbd$eq1@panix3.panix.com>
Source record: 273387

In article <771010626.AA05372@rochgte.fidonet.org>,
David Stark <David.Stark@p2.f333.n2613.z1.fidonet.org> wrote:
>
> I don't think you were decoding "frequency inversion". I think you might
>have run across an ACSB system. ACSB stands for Amplitude Compandored Side
>Band and the transmitted signal has a 1kHz pilot tone for receiver synch.

It is possible to squeeze out intelligible voice from NBFM cordless phones
using simple frequency inversion exactly as the poster described. You tune
around the center frequency in SSB mode. Works on the Yupi. Works on my
IC-R7000. Probably works on all the handhelds that tune SSB.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4733. ture in Clipper�-> Message-ID: <wb8fozCqw5Av.6KE@netcom.com

Newsgroup: rec.radio.scanner
Date: 1994-06-07 20:10:20 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9406071706.AA145551@f217.n202.z1.fidonet.org>
Source record: 273409

```
:> Hate to break this to you, but Cellular reception capability
was
:> outlawed on scanners as of 26 April 1994. There may still be
some
:> models of old Radio Shack 2006's which can be "diode-clipped"
to
:> restore cellular but these are superceded by the 2006A models
:> which have the CPU code written to deny portion sof the 800
Mhz

Not quite. RS HAS a new model, but it will NOT be a 2006, that won't
(by normal means) be cell-capable. The 2006a has an on/off switch for
the panel light, as opposed to the dimmer on the non-A models.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)
```

4734. Re: UNIDEN MR8100A scanner for sale!

Newsgroup: rec.radio.scanner
Date: 1994-06-07 20:16:16 UTC
From: n4tii@kd4nc.uucp
Message-ID: <1994Jun7.201616.14613@kd4nc.uucp>
Source record: 273390
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

dongil@netcom.com (Donald E. Gilchrist) writes:

>Michael Crestohl (mc@northshore.ecosoft.com) wrote:
>: I am posting this goodie for a friend:

>: For Sale: UNIDEN MR-8100A Scanner:
>: designed for use by the California Highway Patrol, covers up to 950 MHz
>: (including cellular), 100 channels, scans at 100 channels per second,
>: has unique alpha-numeric display which can be programmed with a personal
>: computer (software included). Like new, in original box with heavy-duty
>: mobile speaker, programming software, all manuals, shipped UPS ground
>: for $235.00.

>I am interested but have heard some bad comments regarding the
>performance of this unit. I monitor 160.500 - 161.500.

>Who has input regarding this unit.

>Don Gilchrist

I own one...and I love it... I would buy this one for sale if I had some
spare change.... maybe in a few months I'll get another one.

Complaints: Rejection is not the greatest... my local cops are on 154.725
and the state police are on 154.680 ... I get some bleed over sometimes...
but this is due more to receiver saturation ... I can see the cop's tower
from my house.

Also, I cannot enter 12.5khz splinters in the highband portion of the radio.
I can enter pretty close...close enough to hear a good signal, but I am not
right on the money....

Lastly, no PL decode capability... that would have really made it great!

All in all...it is a GREAT unit... alphanumeric display is wonderful...not
so good in direct sunlight, but wonderful at night!

John

--
John Reed - Gainesville, GA | Internet: n4tii%kd4nc.uucp@gatech.edu
N4TII - AFA2FH - Redstar 204 | Packet : n4tii@n4hdw.ga.usa.noam
"That which can make you can also break you." - Mr. Rhythm's Good Advice

4735. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-07 20:18:07 UTC
From: feedle@kaiwan.com
Message-ID: <2t2klv$qc5@kaiwan.kaiwan.com>
Source record: 273388

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: Oh, and not to forget . . . RS salespeople have this annoying (to many)
: habit of asking you for your name and address for their computers.
: They've become slightly lower key about it, but at one time, I was told,
: RS handed out awards if salesmen had a perfect month, that is, they
: collected the name and address of every customer. It then became great
: fun going in around the 28-th and refusing to give your name and address
: just to drive the saleman wild. Some salemen would make up names and
: addresses just to keep their string going.

Radio Shack employees are REQUIRED to maintain a percentage of 80% or
higher names and addresses on tickets. Failure to maintain that number
could result in termination.

Radio Shack does not sell their mailing list, and they only send out
flyers to persons who shop there frequently. And, Radio Shack is not
the only company doing this. Sears has now started a similar policy.

Personally, I take offense to your practise of intentionally going in there
to mess up the salesperson. They are only doing their job, and many
Radio Shack salespeople would much rather NOT deal with the Names and Address
thing. You are a special kind of scumbag: you probably find it funny,
but I wonder if anyone got fired because of your tactic. You, sir, need to
perhaps work for Radio Shack for a day, and see how much you appreciate
it.

-Fedl
(opinions are mine, not Radio Shack's.)

4736. Need Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-07 20:28:19 UTC
From: J.PUTNAM5@genie.geis.com
Message-ID: <2df4d863.535041534349@hal.spasci.com>
Source record: 273411

I am moving to Albuquerque next month and need frequencies for Police, Fire, Medical, Military, and anything else interesting.

Jim

4737. <none>

Newsgroup: rec.radio.scanner
Date: 1994-06-07 20:28:49 UTC
From: A.COLE1@genie.geis.com
Message-ID: <2df4d881.535041534349@hal.spasci.com>
Source record: 273412

From: A.COLE1@genie.geis.com
Category 5, Topic 6

To ROB ROBINETTE:
There are a few specific aviation frequencies that you might try. 121.950, 123.300 and 123.500 are specifically authorized by the FCC for gliding and ballooning. Our local balloonists, Barnstormers Air Shows, carry both aviation radios (I saw 123.5 dialed in) and 3- channel CB radios with channels 9, 14, and 35 installed.

73/Allen (N4JRI)

4738. <none>

Newsgroup: rec.radio.scanner
Date: 1994-06-07 20:29:20 UTC
From: ELENTZ@genie.geis.com
Message-ID: <2df4d8a0.535041534349@hal.spasci.com>
Source record: 273413

From: ELENTZ@genie.geis.com
Category 5, Topic 6

Gerald,
This weekend we su
cessfully ran a program called "SCANCAT" on the HP-100XL.
This is HP's little palmtop comptuer and ScanCat will control the AOR-3000A
along with the RS-2006 with Optoelectronics new OS-456 board. All this makes
for great mobile scanning with computer control and very little space used.

4739. Re: Freeway Video Cameras (Houston)

Newsgroup: rec.radio.scanner
Date: 1994-06-07 20:33:19 UTC
From: ah337@cleveland.Freenet.Edu
Message-ID: <2t2lif$cck@usenet.INS.CWRU.Edu>
Source record: 273389

the system is or i might say 920mhz there is a tv system in cleveland
and you can see it on the ham bands in the 900 mhz band.
i went to track it down one day and it is used by the police.
this is to see what is going on in there city.
i did talk to them about it and i said i could see them 20 miles
away and they said ((((what)))) they are useing the ham bands for this.
but they can do this!!!!!!!
well i can talk about this all day but i hope this helps...
scanning all the way...
mark kundrath

4740. Re: decode freq inv with SSB

Newsgroup: rec.radio.scanner
Date: 1994-06-07 20:47:07 UTC
From: jdow@BIX.com
Message-ID: <jdow.771022027@BIX.com>
Source record: 273391

schuster@panix.com (Michael Schuster) writes:

>In article <771010626.AA05372@rochgte.fidonet.org>,
>David Stark <David.Stark@p2.f333.n2613.z1.fidonet.org> wrote:
>>
>> I don't think you were decoding "frequency inversion". I think you might
>>have run across an ACSB system. ACSB stands for Amplitude Compandored Side
>>Band and the transmitted signal has a 1kHz pilot tone for receiver synch.

>It is possible to squeeze out intelligible voice from NBFM cordless phones
>using simple frequency inversion exactly as the poster described. You tune
>around the center frequency in SSB mode. Works on the Yupi. Works on my
>IC-R7000. Probably works on all the handhelds that tune SSB.

>--
>Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
>------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

You can also use this SSB trick to drag intelligible speech out of a digital voice transmission if the rep rate on the PN code is not low enough. I sorta "introduced myself" at Rockwell when I moved there that way. Item was a little "enciphered" handheld with digital voice. THe code's rep rate was something like 1KHz or so. Folks were feeding it a "word tape" to check intelligibility. They also had a "surveilance" receiver for catching the raw signal. They nodded sagely that it was indeed unintelligible.

Well, in the lab I had a HIGH signal level. I slid from my bench over to that one when Stan was taking a break. I backed up the recorder and played it back. I tuned the receiver to one of the nulls, turned on the BFO, and with a little judicious tweaking was reciting the words on the tape in clear. Stan came back. I heard me reciting and recognized the words and sequence. He looked at me. He looked at the radio. He looked at me. He looked at the recorder. He strode over to the recorder and randomly repositioned the tape and restarted it. I thereupon resumed my recitation. He put on the earphones from the recorder and verified my recitation. He looked at me. He looked at the radio. "HOW DOD YOU DO THAT!" I explained. He added another four bits to the PN generator. That spoiled my effect enough he could release it to the rather fussy customer. He says he was glad *I* discovered it rather than one of the customer's folks.
<^_^> Joanne Dow, Amiga Exchange Editor
jdow@bix.com

4741. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-07 22:11:48 UTC
From: gdallal@world.std.com
Message-ID: <Cr1sBp.Lwy@world.std.com>
Source record: 273392

Prof. Feedlebom (feedle@kaiwan.com) wrote:
: Personally, I take offense to your practise of intentionally going in there
: to mess up the salesperson. They are only doing their job, and many
: Radio Shack salespeople would much rather NOT deal with the Names and Address
: thing. You are a special kind of *******: you probably find it funny,
: but I wonder if anyone got fired because of your tactic. You, sir, need to
: perhaps work for Radio Shack for a day, and see how much you appreciate
: it.

I'm tempted to reply that you should have better things to do than worry about what went on back in the 1960's when RS started the policy, many people found it offensive, and were only too delighted to have a way to return the discomfort. If you followed the thread, you would have realized that I was describing the different ways in which people have viewed RS ove the years. You may not like it, but many people really did go into RS at the end of the month just to get back at the salesmen by not giving their names and addresses. I didn't get to be a preferred customer by jerking RS employees around, but, if it makes you feel better, think what you will and flame away. :-)

(I'm glad I thought twice when writing the original post and didn't add the hearsay about . . . whoops, almost wrote the story about how, in the early days, some of the product was held in such low regard that some employees described it as not worth stealing. Lord only knows what false conclusions some readers might have drawn.) :-)

You, sir, have the keyboard equivalent of a foul mouth and I cannot put a smiley after this comment.

4742. Decoding Pager signals

Newsgroup: rec.radio.scanner
Date: 1994-06-07 23:36:00 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <e19_9406080700@rccons.lm.com>
Source record: 273417

Reply-To: rccons!aosc_pa@telerama.pgh.pa.us

05 Jun 94 15:44, joe@netcom.com wrote to All:

jc> Yup, flex is at 6400 bps but don't know when this will become
jc> widespread. Skytel folks had told me they were at 2400 but my
jc> Motorola pager literature (the best for protocol) indicates their
jc> advisor pager is maxed at 1200 bps...

Numeric Bravo+ are used at 2400 for SkyTel

Alpha still maxed out at 1200

Rick Christian, AAJP/BSEE
AOSC PA Editor/PCO Peters Twp. P.D.
Internet:rccons!aosc_pa@telerama.pgh.pa.us

4743. Frequency Counters in New Zealand???

Newsgroup: rec.radio.scanner
Date: 1994-06-07 23:44:28 UTC
From: terupe@waikato.ac.nz
Message-ID: <1994Jun8.114428.29394@waikato.ac.nz>
Source record: 273393

Does anyone in New Zealand know if there are frequency counters available here???
If so, how much, I am looking for a good cheap deal!

4744. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-07 23:44:38 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun7.234438.3996@hpcvaac.cv.hp.com>
Source record: 273394

feedle@kaiwan.com (Prof. Feedlebom) writes:
:
: Radio Shack employees are REQUIRED to maintain a percentage of 80% or
: higher names and addresses on tickets. Failure to maintain that number
: could result in termination.

BFD. If enough people told them to "shove it", then they would no longer
have this meaningless performance measure.

: Radio Shack does not sell their mailing list, and they only send out
: flyers to persons who shop there frequently. And, Radio Shack is not
: the only company doing this. Sears has now started a similar policy.

But they are not as obnoxious about it - at least, not at the Sears where
I shop.

: Personally, I take offense to your practise of intentionally going in there
: to mess up the salesperson. They are only doing their job, and many
: Radio Shack salespeople would much rather NOT deal with the Names and Address
: thing. You are a special kind of scumbag: you probably find it funny,
: but I wonder if anyone got fired because of your tactic. You, sir, need to
: perhaps work for Radio Shack for a day, and see how much you appreciate
: it.

Personally, I take offense with Rat Shack prying into my private life. I
would do so, even if they did not send eleventy million sales brocures to
you.

If I worked for them, I would make it known up front that I would NOT
collect names and phone numbers. If they insisted that I do so, then
they could find some other flunky. Many people value their diminishing
privacy, including the privacy of their mailbox - I am one of those
people.

I do not intentionally try to mess them up - I simply say "No." They can
enter any name or address they wish - or leave it blank. It is immaterial
to me.

Bill

4745. Re: ture in Clipper�-> Message-ID: <wb8fozCqw5Av.6KE@netcom.com

Newsgroup: rec.radio.scanner
Date: 1994-06-08 00:01:39 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun8.000139.4328@hpcvaac.cv.hp.com>
Source record: 273395

:wb8foz@skybridge.scl.cwru.edu�-> �@SUBJECT:Re: NYT new or writes:
:
: Hate to break this to you, but Cellular reception capability was
: outlawed on scanners as of 26 April 1994. There may still be some
: models of old Radio Shack 2006's which can be "diode-clipped" to
: restore cellular but these are superceded by the 2006A models
: which have the CPU code written to deny portion sof the 800 Mhz
: band and even full range commincations recievers (like the ICOM
: R-7000 and R-7100 - favorites of GOVT snoops) are now coming with
: portions of 800 Mhz deleted in the CPU.

Close, but not quite correct. It is now illegal to import/manufacture
for sale, scanners that receive (or are "easily" modified to receive)
the cellular frequencies.

It is not illegal to import a few, for your own personal use.

Also, I believe the only difference between the original 2006 and the
2006A is the panel light switch. I understand that any successor will
have a different number.

Bill

4746. Re: UNIDEN MR8100A scanner for sale!

Newsgroup: rec.radio.scanner
Date: 1994-06-08 00:09:22 UTC
From: flloyd@l1-a.west.sun.com
Message-ID: <2t327i$okv@newsworthy.West.Sun.COM>
Source record: 273396
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

In article <dongilCr18vt.175@netcom.com> dongil@netcom.com (Donald E. Gilchrist) writes:
>Michael Crestohl (mc@northshore.ecosoft.com) wrote:
>: I am posting this goodie for a friend:
>
>: For Sale: UNIDEN MR-8100A Scanner:
>: designed for use by the California Highway Patrol, covers up to 950 MHz
>: (including cellular), 100 channels, scans at 100 channels per second,
>: has unique alpha-numeric display which can be programmed with a personal
>: computer (software included). Like new, in original box with heavy-duty
>: mobile speaker, programming software, all manuals, shipped UPS ground
>: for $235.00.
>
>I am interested but have heard some bad comments regarding the
>performance of this unit. I monitor 160.500 - 161.500.
>
>Who has input regarding this unit.
>
>

Well, I had one and I liked the receiver performance from a purely subjective point of view. The case, the display and overall construction was excellent. The audio power was remarkable. On the downside, however, it's not really a scanner, it's a scanning receiver. What's the difference you ask?

It is not capable of scanning ranges of frequencies. It can only scan from amongst a set of 100 pre-programmed memory channels. It has no VFO whatsoever. Therefore, it's useless for scan-searching the bands, and is only really good for monitoring a set of predetermined frequencies. Programming it is very slow - takes about 3 minutes to dump the 100 memory channels to/from your PC to the radio, and the data stream, although RS-232, is only 1200 baud, and it's encrypted. The alphanumeric display is great, but the alpha characters are only accessable through remote programming. You can, however, manually enter frequencies from the keyboard as long as the channel you want to use has not been marked as read-only through the the external programming interface.

And that's why I sold mine. I've got an RS-2006 now which does everything I need from a scanner.

-fred

[Fred Lloyd, AA7BQ Fred.Lloyd@west.sun.com]
[Sun Microsystems, Systems Engineer]

[Phoenix, AZ (602) 224-3517]

4747. Re: Pro 46 and Interference

Newsgroup: rec.radio.scanner
Date: 1994-06-08 00:32:59 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771054109@f747.n115.z1>
Source record: 273325

-=> Quoting ETSI DP Dept. to All <=-

EDD> From: nsadp@access1.digex.net (ETSI DP Dept.)
EDD>
EDD> I've had my Pro 46 for about a month now and like it, but there has
EDD> always been a lot of hissing on many bands. I thought that was just
EDD> the way it was, but by shear coincedence I needed an electrical outlet
EDD> to plug in my vacuum the other day, and I choose to unplug my security
EDD> lamp with the 24-hour timer. The scanner happened to be on, and as
EDD> soon as I unplugged the timer the signal cleared right up! I was
EDD> shocked, so I put the timer back in and there was the hiss again. It
EDD> seems that this timer thing is broadcasting noise or something, and it
EDD> reaches everywhere in my house! Needless to say I don't use that
EDD> timer anymore. Just thought others should know... -- Paul --

You think those are noisy, you should try one of the lamps that turn on
and off when you touch the metal. <g>

Jerry

4748. Maryland Police Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-08 01:14:00 UTC
From: Brian.Flues@f239.n109.z1.fidonet.org
Message-ID: <8d5_9406072202@blkcat.fidonet.org>
Source record: 273402

SI>From: siemer@umbc.edu (Mr. Henry Siemer)
SI>Newsgroups: rec.radio.scanner
SI>Organization: University of Maryland, Baltimore County

SI>Can someone list or point me in the right direction for
SI>police freqs for Maryland State Police helicopter and
SI>the Frederick County Sheriff freqs - the radio shack
SI>catalog does not break them down enough.

SI>Thanks

MD syscom (helicopter Dispatch) 44.74

Brian

SI>---
SI> * Origin: The Black Cat's Usenet <=> Fidonet Gateway (1:109/42)
***
* SLMR 2.1a * I prefer "Wireless Communications Mongrel"

Fidonet: Brian Flues 1:109/239
Internet: Brian.Flues@f239.n109.z1.fidonet.org

4749. Pro-2006/2005 Design Weakness?

Newsgroup: rec.radio.scanner
Date: 1994-06-08 01:17:15 UTC
From: awarburt@helios.physics.utoronto.ca
Message-ID: <Cr20ws.45B@helios.physics.utoronto.ca>
Source record: 273400

Hello All:

I have a Pro-2005 that has lately been behaving rather oddly. When the radio hasn't been turned on for about 30 minutes or so, it seems to work fine for a few minutes, but then the weird stuff starts to happen.

In the FM narrow mode, the audio starts to huff and puff at a rate of approximately 3 Hz, i.e. it sounds a bit like a picket-fence effect, as though something had become unstable and began to oscillate. When I'm listening to a frequency with a carrier and modulation, no amount of fiddling with the squelch can bring any results (it's either noise at low squelch, huff and puff at high squelch).

In AM mode, when scanning, and a channel with a carrier is stopped at, one hears the first fraction of a second of audio, only to have it fade away into oblivion. Turning the squelch right down only gives a very quiet hint of muffled noise. Truly strange.

Now here's the kicker: a few months ago I started using a 12 Volt adaptor instead of the built-in transformer to keep the unit cooler and get rid of the hum. I just checked the output of my adaptor, and discovered that it's delivering a whopping 18.1 Volts! Hmm...

I hope I have given enough hints for some kind and informed soul to help me out. I would really like to fix the problem.

Cheers, andreas
--

Andreas Warburton Physics University of Toronto IPP/CDF/Fermilab

4750. Re: MacDonald's Wireless Headset Freq?

Newsgroup: rec.radio.scanner
Date: 1994-06-08 02:09:50 UTC
From: skyhawk@ods.sol.net
Message-ID: <6750XGBPCIXMJODIVI@ods.sol.net>
Source record: 273405

ID>Thanks to everyone who replied to my post. I now have several frequencies
ID>which I plan to try out.

ID>-dino

Can you post teh frequencies you do have for MIckey D's ?

I missed the beginning of the THREAD

Thanks

Skyhawk@ODS.sol.net

Online Data Systems - Milwaukee, Wisconsin (Southeastern)
(414) 761-5120 - 3/12/2400 (414)761-5136 9600/14.4K (414)761-5145 Voice
(414) 939-4670 - Kenosha, Racine, Pt. Washington, West Bend, Sheboygan,
Manitowoc, Two Rivers, Mishicot & surrounding Ameritech Customers

4751. Getting a commercial FM station at 30.xxx MHz on scanner.

Newsgroup: rec.radio.scanner
Date: 1994-06-08 02:29:24 UTC
From: jdross@sdcc13.ucsd.edu
Message-ID: <69062@sdcc12.ucsd.edu>
Source record: 273401

I've noticed that recently in the late evening, around 11
pm, that commercial FM station 94.1 has been coming in at 30.xxx MHz
on my scanner! This only happens during the late evening, and the
reception varies from being crystal clear to very garbeled. I've
got a Radio Shack Pro 2030 hooked up to a TV antenna, and it's also
sitting right above my stereo. Also, there are two televisions
hooked up to the same antenna as the scanner. I don't get any other
commercial stations in besides that one on the scanner, so I'm
really perplexed as to what is going on. Does anyone have any
ideas?

J.D. Ross
La Jolla, CA
jdross@sdcc13.ucsd.edu

4752. Need Central FL. Utilities Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-06-08 02:45:06 UTC
From: stephenx1@aol.com
Message-ID: <2t3bbi$bjp@search01.news.aol.com>
Source record: 273403

I am searching for a list (or part thereof) of the frequencies of Central Florida businesses and utilities. In particular, I am looking for the freqs for Cable Vison of Central Florida, Florida Power, and Sumter Electric. Other freqs would be appreciated, too!

Can anyone help me? Thanks.

Stephenx1@AOL.COM

4753. I turned my PRO-2005 into a 2006

Newsgroup: rec.radio.scanner
Date: 1994-06-08 03:05:13 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-070694185730@m11105.esl.com>
Source record: 273404

I turned my PRO-2005 into a 2006.

Hi everyone. I thought some of you would find this informative.
This CPU upgrade is not for the faint of heart.
You need good eyesight, and a good magnifying lens too.

Since I finally got another scanner (a 2006A). I decided it was time
to *fix up* my old 2005. I put the AGC version (I hated the germanium
diode detector version) of the LED S-meter (from Bill Cheeks Scanner
Mod book #2) into it, and *I love the feature*. I m going to put one into
my 2006A when I m done upgrading the 2005.
I then ordered the CPU for the 2006/2006A (P/N GRE-0918) from R.S. ($36)
I de-soldered the old CPU and the 7.36MHz resonator, soldered in the new
CPU and a 16MHz crystal (the 2006 runs at 12MHz). This combination
doubled my scan rate from 20 channels/sec to 40, it really screams now,
figuratively speaking.
To do this mod you MUST be familiar with soldering surface mount
devices.
I used the soldering station my assembly person uses, (a perk of being an
engineer). It has a controlled temp iron, a dental pick, a lamp with a
built-in
magnifier lens, and a 7-30x stereo microscope. The pins on the CPU are on
0.050 spacing with a ~0.025 gap so its really easy to bridge two pins
together
when soldering (I found a bridge on mine). The microscope is used for
inspecting the solder joints for bridges and the dental pick is used to
probe
the pins to be sure they are all firmly soldered down, and to pry the pins
up
when de-soldering.

If there is any interest I will post details of this upgrade, so let me
know.
Happy scanning to ya'
MAD

The opinions expressed here are | Listening 50KHz to 2GHz contigous
my own but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

4754. pro-36

Newsgroup: rec.radio.scanner
Date: 1994-06-08 03:05:28 UTC
From: iec@gwd.dsto.gov.au
Message-ID: <iec.3.2DF53578@gwd.dsto.gov.au>
Source record: 273416

I own a PRO-36, are there any mods around to let me access the freq's between 174mhz and 340 mhz.....

IAN VK5KCI

email iec@gwd.dstos3.dsto.gov.au

4755. Re: Alinco Scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-06-08 03:17:35 UTC
From: danm@hebron.connected.com
Message-ID: <2t3d8f$rhd@hebron.connected.com>
Source record: 273418

In article <pgunn.168.770905187@alkali.otago.ac.nz>,
Paul Gunn <pgunn@alkali.otago.ac.nz> wrote:

>He is also looking at getting a transceiver as well. He's looked at the
>Alinco DJ560. Any comments ? Newer models ?

Paul,
I use one of their dual band handheld transeivers (DJ580T) and am
quite happy with it. It has many features (this is the wrong place to
elaborate) and has held up quite well. They are very popular with amateur
radio operators here in the U.S. The dual band (2 meter/70 cm) feature
is quite nice.

I have heard of, but never seen one of their scanners. The advert
I saw wqas in the U.K. magazine "Shortwave".

--
==
+ Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ...+
+ Auburn, WA | and whoever is playing against the New York Mets! +
+ GEnie:D.MORISSEAU | INTERNET ADDRESS: danm@connected.com +

4756. Re: are ALL cellullar phone monitorings illegal?

Newsgroup: rec.radio.scanner
Date: 1994-06-08 03:46:12 UTC
From: ao974@FreeNet.Carleton.CA
Message-ID: <Cr27t0.FKr@freenet.carleton.ca>
Source record: 273406

In a previous article, dbushong@wang.com (Dave Bushong) says:

>steven@sgb.oau.org (Steven Bradley) writes:
>
>>bill nelson (billn@hpcvaac.cv.hp.com) wrote:
kkkkkkkkkkkkkk>>: : Its illegal to INTENTIONALLY listen to a cellphone
conversation, no
>>: : matter WHERE you hear it. And besides, ALL cellphones work on ALL
>
>>Well, I can answer that one... It IS LEGAL, because you would obviously
>>be listening to attempt to determine the source of unwanted interference!!!
>
So much for the often praised constitutionally American freedom.Seems to me
you are
not even allowed to listen.We had a problem a couple of years ago with a
politically embarrassing cellular eavesdrop/leak.Our federal
communications regulatory body "IC" issued a pamphlet which stated that
while you could in fact listen, you were not at liberty to disclose
information heard to any other upon punishment by her majesty or an agent
of her Majesties' government....It really does beg the the bigger question
though....

--
Dave,Alison and Phoebe thank you for your kind attention
73 de va3ae

4757. Re: Best Cellular Scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-08 05:42:04 UTC
From: Dixie Daniels <dixiedaniels@delphi.com>
Message-ID: <hE5N-uk.dixiedaniels@delphi.com>
Source record: 273407

Re the discussion of best scanner for cellular. I've a 2006 and an AR1000 and the AR1000 wins as far as picking up more calls. When I put the silly rubber ducky that came with the AR1000 on the 2006 (looks funny) the 2006 picks up more cell calls. The sound is totally lame on the AR1000 but it really catches more calls. For everything else, of course, the 2006 wins.

4758. Re: Wanted: Freqs for Kansas, MO

Newsgroup: rec.radio.scanner
Date: 1994-06-08 05:49:01 UTC
From: Dixie Daniels <dixiedaniels@delphi.com>
Message-ID: <hk6Nfel.dixiedaniels@delphi.com>
Source record: 273408

I have tons of Kansas City metro area frequencies. If you have last October;s
Monitoring Times my old list is in there, but my updated list includes a
bit more. I am sorry but I don't know how to include in a file in E-mail
I am a clueless newbie. E-mail me for further.
dixiedaniels@delphi.com
My list may not be totally correct but it's the most inclusive one I've seen
and if someone has a better one I want it too!

4759. Re: are ALL cellullar phone monitorings illegal?

Newsgroup: rec.radio.scanner
Date: 1994-06-08 05:49:52 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun8.054952.10864@hpcvaac.cv.hp.com>
Source record: 273415

ao974@FreeNet.Carleton.CA (Dave Scobie) writes:
: >
: So much for the often praised constitutionally American freedom.Seems to me
: you are
: not even allowed to listen.We had a problem a couple of years ago with a
: politically embarrassing cellular eavesdrop/leak.Our federal
: communications regulatory body "IC" issued a pamphlet which stated that
: while you could in fact listen, you were not at liberty to disclose
: information heard to any other upon punishment by her majesty or an agent
: of her Majesties' government....It really does beg the the bigger question
: though....

The law is on the books. However, that means little. I do not believe it has
been tested in the Supreme Court. Nor is it likely to be, as the law is
impossible to enforce in the first place - and not worth pursuing prosecution
of anyone who decides to fight the charge in court.

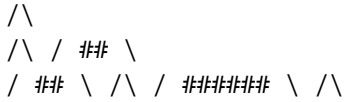
Bill

4760. Wellington NZ new fire Freq.

Newsgroup: rec.radio.scanner
Date: 1994-06-08 05:51:42 UTC
From: todd@actrix.gen.nz
Message-ID: <Cr2DM6.Irz@actrix.gen.nz>
Source record: 273414

All people living in the wellington area, please note.

Fire have changed their frequency from 457.300 fm to 457.450 fm
--



4761. Re: WANTED: BC200XLT docs

Newsgroup: rec.radio.scanner
Date: 1994-06-08 06:25:23 UTC
From: allenmason@delphi.com
Message-ID: <hm-MPCr.allenmason@delphi.com>
Source record: 273410

Glenn Murphy <scrooge@moneybin.equinox.gen.nz> writes:

>If not post, then I'd really appreciate an email.

Glenn, I just air-mail a photo copy to Terupe@waikato.ac.nz If you E-mail him I get he would be happy to send you a copy. Just mention that I asked you to contact him.

I would mail to you direct, but a $5 postage the above method is cheaper.
Good Luck,
Allen

4762. Re: Pro-2006/2005 Design Weakness?

Newsgroup: rec.radio.scanner
Date: 1994-06-08 11:31:51 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.276.000B883B@ccm.hf.intel.com>
Source record: 273336

In article <Cr20ws.45B@helios.physics.utoronto.ca> awarburt@helios.physics.utoronto.ca (Andreas Warburton) writes:
>Hello All:

>Now here's the kicker: a few months ago I started using a 12 Volt
>adaptor instead of the built-in transformer to keep the unit cooler and
>get rid of the hum. I just checked the output of my adaptor, and
>discovered that it's delivering a whopping 18.1 Volts! Hmm...

Just a comment on the power supply.
18v is nothing to be alarmed about if you did the measurement with NO LOAD (i.e. not plugged into the scanner). Since there is no current drain on the supply, the voltage will be higher. When you put a load on it, it should drop down to the 13v range. You can pull the case of the scanner off and measure it while its plugged in.

Sorry I can't help on the main problem. It does sound like you may have some type of component failure.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4763. Boston Amateur Radio Club Web Page

Newsgroup: rec.radio.scanner
Date: 1994-06-08 11:35:03 UTC
From: wy1z@bach.coe.neu.edu
Message-ID: <WY1Z.94Jun8073503@bach.coe.neu.edu>
Source record: 273420
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave

Annoucing the creation of the Boston Amateur Radio Club World Wide Web
home page.

What is the World Wide Web? It is like the Internet, except consisting of
information instead of networked computer systems. The Web consists of
a variety of information all linked together, in no particular order, with
"links" to other information.

So, what is the address of the Boston Amateur Radio Club Web page?
http://www.acs.oakland.edu/barc.html

This doesn't look like a normal telnet or ftp address. How do I connect?
You need to use some new programs, possibly available on your system.

The graphically oriented program, called Mosaic, is most preferable.

The for non graphically-oriented users, you have a choice: www or lynx

(www is a program which does stand for World Wide Web, but not to be
confused with the Web itself :)

To use either of these two command-line programs, you would type:
lynx http://www.acs.oakland.edu/barc.html for the connection,
or similarly, for www...
www http://www.acs.oakland.edu/barc.html for the connection.

If you have any questions, are completely confused, and/or want to know
more, please don't hesitate to contact me at any of the addresses in my
signature file, or call me at the Northeastern University radio club
(local Boston area calls only, please): 617-373-4198

73,
Scott

--

Scott Ehrlich, Amateur Radio Callsign: wy1z
How to reach me: wy1z@neu.edu [Internet], wy1z@wa1phy.ma [Packet]
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html

4764. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-08 11:49:34 UTC
From: mulligan@ACM.ORG
Message-ID: <2t4b8e$5uh@hopper.acm.org>
Source record: 273419

Don't blame Tandy for what happened to Allied. In in the late 60's it became part of Altec-Lansing, which was part of Ling-Altec, which was part of LTV Aerospace, which was part of Ling-Temco-Vaught, which gutted Allied for the cash flow. By the time Tandy bought it, there was little left but the name, and the Justice Department refused to let Tandy merge it into Radio Shack.

So, blame Jimmy Ling and his conglomerate for the destruction of a host of great companies.

(As to the Courtlandt Street radio row, if those terrorists had tried to blow up the World Trade Center thiry years ago, I might have joined them.)

/* barry /&

4765. SW Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-06-08 13:00:30 UTC
From: jlloyd@pluto.cs.clemson.edu
Message-ID: <2t4fde$qog@hubcap.clemson.edu>
Source record: 273422
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

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Below is a collection of SW receiver reviews written by readers of Rec.radio.shortwave. The number following the brand and model number is the number of readers, who indicated they use this type of receiver.

All credit for these reviews should be given to the readers of this group and not me.

John Lloyd

Radios Reviewed:

AR3000
DAK DMR-3000
Emerson PSW-4010
Grundig Satellit 500
Grundig Satellit 700
Icom IC-R70
Icom R-71A
Japan Radio Company NRD-515
Japan Radio Company NRD-525
Kenwood TS-450
Lowe HF-150
Lowe HF-225
Magnavox 3625
Magnavox AE-3805
Panasonic RFB-65L
Philips AE3905
Realistic DX-342
Realistic DX-375
Realistic DX-380
Realistic DX-390
Realistic DX-440
Sangean ATS-803A
Sony 2010
Sony ICF-5100
Sony ICF-5900W
Sony ICF-7601
Sony ICF-SW20
Sony ICF-SW33
Sony SW-1
Sony SW-15
Sony SW-55

WATKINS-JOHNSON HF-1000

****

Sony 2010 - 3

I found it VERY easy to plug in and start listening. The supplied instructions are adequate for what they do, but are not really enough to really start enjoying the radio. The whip antenna works great at home, but just doesn't cut it at work (way too much metal/interference). Even the supplied wire antenna does not seem to help at work (I have not yet tried it at home (no real need).

****
Realistic DX-342 - 1

I've owned this little radio for about a year now and am really pretty happy with it.

Advantages: Size - Measuring approximately 4 3/4 x 2 5/8 x 1, you can take this little mini anywhere! Even slip it into your shirt pocket!
SW bands - Covers 9 SW bands: 49m, 41m, 31m, 25m, 21m, 19m and 16m.
MW, FM, FM Stereo (thru headphones)
Travel Power lock
Push button control
Runs on two AA batteries or AC adapter
Travel pouch
Carrying strap

Disadvantages: It's an analog unit, guys and gals, no digital display.
No back stand
Antenna does not rotate up

I've had a lot of fun with this little receiver. The SW sensitivity is quite good for my area of the country, Cleveland, Ohio. The speaker has a nice sound and improves thru the earphones. FM stereo thru headphones is great! MW DXing is surprisingly good! I can grab signals from Boston, Chicago, New York and Cincinnati much better than on my Magnavox AE 3625 Digital!

Summary: A nice little travel radio that's fun to fiddle with or take for travel when you're in a pinch. Radio Shack has discontinued this model so you might be able to find it on sale for around $50.00. I love the size! Ideal for travel! I'm beginning to think that anything larger is too

cumbersome. I do miss the Digital Display and all the
features that go with it: Freq. display, Alarms,
world time display, etc. If I were buying today, though,
I'd consider what else is out there for just a bit more
money. For example, the new Sangean 606 is only
slightly larger and has all the digital features mentioned above that I miss. I
've seen it priced for as little as
$179.95!

****
Realistic DX-375 - 1

It costs $99.99 though I got it for $89 since I had a coupon for a
rebate. For the price I think I got a good deal. It has digital tuning
and direct input of frequencies which allows tuning to be a pretty
simple job and not a time consuming act of patience. It uses two C type
batteries... I use rechargable ones and they last a pretty long time..

It is not small enough to carry in your shirt pocket but it could fit in
the front or side pocket of an average sized backpack. It is just great
when you are walking back home from school/work ... it can be easily
carried in one hand as you catch up on the news from
BBC/Deutschewelle/Radio Australia/etc.... as you walk home..
I get decent reception of all the `big stations' even indoors and have, on
occasion also been able to tune to Radio UAE....

The sleep function is perfect for someone like me who likes to fall asleep
with music... the FM sound is pretty good in stereo (headphones)... The
AM reception is also fairly good but it has a very high tendency to catch
those Bible bashing stations...probably a reflection of the region where
I live...

The strap is a little shoddy and I have a feeling I may have to `fix it'
soon... I expect it to pop out any moment....
Despite that, I like it...

****
Realistic DX-380 -2

I've owned a DX-380 for about 9 months now and....
It's a GREAT RADIO! However, I should qualify
this. I bought it on sale from Radio Shack for the
bargain price of $129.95! It regularly retails for
$179.95. At $130.00, this radio is a real steal!

About the size of a large paperback book, the 380
is feature packed!

*DUAL CLOCKS
*ALARM WITH RADIO/BUZZER
*60 MINUTE SLEEP TIMER
*DUAL BANDWIDTHS
*DIRECT FREQ. ENTRY TUNING

*TUNING KNOB
*SLEW TUNING
*TUNES IN 1 OR 5 KHZ STEPS
*CLOCK DISPLAYED SEPARATELY
*BACKSTAND
*STEREO THRU HEADPHONES
*CONTINUOUS SW COVERAGE...NO GAPS!
*AUTO SCAN UP OR DOWN
*ANTENNA ROTATES AND SWIVELS
*CARRYING CASE

The sensitivity of this radio is GREAT! With a reel antenna, it's even better! I read another review that said reception was lousy....I think that individual should check his particular receiver as he might have the rare defective unit. MW reception is also outstanding and with a Slect-A-Tenna is greatly improved! Herein Cleveland, I pick up Chicago, Cincinnati, and Pittsburgh during the day WITHOUT the select-a-tenna! With the S-A-T reception gets an added boost! (these are all 50,000 watt stations)

I have found it to be about the perfect travel size. I would like something smaller, like the 606. This size, however is fine. I've carried hardbound books on jets that are larger. The many features makes up for it's slightly larger size over a mini. It does not have SSB, but I really don't miss it.

All in all, A great radio priced at $130.00! I would not have bought it for the price of $179.95. There are other radios in that price range that ive ya more bang for the buck. At $130.00, it's a great deal! If you can get it at that price, snap it up!

I am by no means an expert, but I have a DX-380 and can give some of my experiences. First of all, I would pay the extra to get the 390 to get the single side band capability. I miss it. I miss it. Also, the sensitivity for foreign broadcasts (I'm in DC) without an external antenna is poor. You get the BBC and some German broadcast relays from Canada transmitters, some south american stuff, and that's it. BUT with a 50 m Cu wire out my 2nd story window attached to the antenna with an alligator clip, I regularly get Abu Dhabi and Australia at night.

****
Realistic DX-390 - 2

Great mid-sized digital portable. Good sensitivity and selectivity. Digital display shows time, frequency, signal strength, and memory location. Covers LW (in 9 kHz steps), MW (in 9 or 10 kHz steps) and SW continuously from 150 kHz to 30000 kHz. FM reception (88-108 MHz) with stereo through headphone jack. BFO control for SSB reception. Built-in timer/clock, 9 programmable memory locations per band, except 18 on SW. Good audio output. RF Gain and AM bandwidth controls. Keypad

frequency entry. External antenna, AC-adapter inputs.

A great radio for the beginner or as an upgrade from a smaller and/or analog unit.

Purchased from Radio Shack for $219 in January, 1992.

I have a new Realistic DX-390 (alias Sangean 813??). Seems to be a great value for the price $169 US. I haven't yet heard from someone who can recommend a radio for the same price that is better, and can back it up with facts.

****
Grundig Satellit 700 - 3

Truly a world-class portable, digital receiver. Excellent sensitivity and selectivity. Digital display with two separate clock/timers, signal strength meter, band selection, frequency readout, and user-definable eight-character "name" for each memorized station. Has RDS circuitry on FM to decode the newly-phased-in system for identifying stations by call letters, format, etc. 512 memory positions, upgradable to 2048. Tunes in .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. Receives USB and LSB. Synchonous detector helps pick difficult-to-receive stations out of the crowd. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz). Excellent audio output, with separate treble and bass controls. Stereo through headphones or external speakers. Line-level out (left and right), external antenna, and 12 VDC-in jacks. Local/DX switch. Built extremely rugged. Multi-national power supply included.

An outstanding performer, and worth the price to a serious SWL or DX'er who requires portability.

Purchased from Universal Radio for $479 in April, 1993.

The Following is a comparison of the SONY ICF-SW77 and the GRUNDIG SATELLIT 700:

Both of the receivers you are looking at are pretty solid. The Sony is slightly smaller and has a somewhat more "finished" feel about it. The Grundig is SOLID with a much better sound. Neither is as good a SW signal receiver as the previous Sony, the '2010 (2001). However, they both have very advanced features; multiple (and in the Grundigs case, expandable) memories with alphanumeric tags so that you have a name as well as a frequency, all sorts of memory grouping and scanning etc. The Grundig has good RDS ident. on it's FM band, but I have a feeling that this isn't used much, if at all, in the US. If you intend to buy second-hand, be very wary of the SW77 - the early version was

pretty flakey. The later version is better but still not as good as the '2010.
I think that the choice comes down to "feel". They are both quite complex to use, but both work as advertised. Try 'em both as they have quite distinct operational methods. If sheer performance on SW is the main point for you, compare them with the Sony ICF2010. You'll buy it and save some loot !
For what it's worth, I tried them both and settled on the Grundig. I have my Satellit 700 in daily use and it's performed without a hitch.

My reasons for the choice were:

1. Performance. The Grudig was much better than the early SW77.
2. Sound. I happen to prefer the slightly bassy Grundig sound to the somewhat sharper Sony.
3. Power. The Grundig takes D cells and can self-charge Nicads in the set, which is how I have it set up. (The SW77 used C cells) They both run down batteries fast. The Sony worse than the Grundig due to it's smaller cells.
4. RDS. I love it and the SW77 doesn't have it.
5. Feel. I like the, I don't know, Germanic solidity and sheer heft of the Satellit. A Satellit with a full load of 4AH Nicads can tip the scales at twice the weight of a SW77. Of course, if drop one on your foot the Sony would be the better bet ! I only use the Grudig about the house. I have a '2010 for the road.

I hope this splurge hasn't clouded the issue for you.

Editor's Note:
I have one of these radios and love it! I sent the following message to someone just after I bought it.

I just recently forked out $500 and bought a Grundig Satalit 700. The sound from the radio is truely impressive! I have always wondered why broadcasters put music on shortwave, because it alway sounded like garbage. However with the 700 I can listen and enjoy the music. The 700 has Bass and Treble controls, which improve the sound quality but the Automatic Gain Control most likely does the most toward improving the sound (I'm not an expert, so this is just a guess!). Anyway my Wife regularly listens to music coming from a 60m band radio station in Guatemala, and can enjoy the sound. However there are some bad points. It is programable, but I have not worked out how to do it yet. Well I tried once and gave up. This is not too bad though, because BBC, Deutche Welle, and about 10 others are stored in a ROM table. And these frequences actual work (i.e. they are the frequencies for North America and NOT Germany).
Also I connected a long wire antenna and found my local AM station on shortwave. I guess the front-end is not good enough to

sort the signals out when coming from a large antenna. But don't worry about this either.
If you only want to listen to the biggies like BBC, Deutche Welle, you won't need an external antenna. I am planning to put a Pre-selector between The Radio and the Antenna, and I think this will cure the problem of AM stations on shortwave and cut out some interference. Finally I recommend this radio to you. I'm sure you will have hours if enjoyment from it.

****
Grundig Satellit 500 - 2

Formerly Grundig's flagship portable SW receiver, this is still an excellent piece of equipment. Excellent sensitivity and selectivity. Digital display with two separate clocks (only one displayed at a time), signal strength meter, frequency readout, and four-character user-definable "name" for each memorized station. 42 memory positions. Tunes to .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. In addition to AM, has three receiving "modes" for LW, MW, and SW: USB, LSB, and "Sync," which should more accurately be described as "fine tuning," as this implementation of synchronous detection operates differently from the Satellit 700 or Sony 2010. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz).
Excellent audio output, with separate treble and bass controls. Stereo through headphones. Line-level out (mono), external antenna, and 12 VDC-in jacks. Local/DX switch.
Built extremely rugged. Power supply included.

An all-around great performer. Now that it's discontinued, many outlets are selling this unit at close-out prices, making this radio an excellent value for the money.

Purchased from Universal Radio for $379 in December, 1992.

I have a Grundig Satellit 500 and am basically satisfied with it. I miss the 512 memories of 700 and 'SSB clarify' control sometimes.

Yes, its 'sync' is exactly fine tuning in 100 Hz steps. However, it is rather simple to make it work similarly to '700 and '2010, because the detector chip is the same in all three. Only a switch with two pairs of contacts is needed. Another design fault, the excessive distortion in SSB mode, can be partly cured by adding two resistors. For serious DX-ers it may be important that the internal ferrite rod cannot be disabled on MW and LW in both 500 and 700, so the in-house noise may become a problem on these bands.

****
Lowe HF-150 - 1

The Lowe HF-150 (sold by Universal and EEB) is a nice compromise. Similar number of cubic inches as the Sony (different shape), but offering some features of the R8. Also the Lowe is made with a mostly solid alumnum case, which is better than the Sony or the Drake. The Lowe has dual antenna inputs (wire or SO-239), record out, audio out, 12vDC in. It can run off any 12V DC battery. I use 7 aH gelcells which I recharge. The Lowe also takes 8 internal AA nicads *OR* disposable batteries. It will recharge the nicads with a builtin recharger if you plug it into an external power supply. It's a nice semi-portable radio. It has a few ideosyncracies, but you might want to look at it.

****
Lowe HF-225 - 2

I've had an HF-225 for a few years now, and I'm pretty happy with it. I use it mainly for broadcast listening. It's connected to 25m of random wire via a 5m coax run inside the house.

I tried using an ATU to improve the matching between the aerial and the coax, and on some frequencies it gave a (small) improvement in signal strength, but it was such a pain to keep retuning that I gave up using it.

I recently bought a "magnetic longwire balun", and this seems to offer the best of both worlds - improved matching between the wire and the coax, but no retuning necessary. It's rather expensive, though, and it may be that I'd have been just as well off with a home brew transformer on a ferrite ring...

The other potential advantage of an ATU, filtering out of strong signals well away from where you're listening, seems to be completely irrelevant on the HF-225. I've never yet found a case where switching in the attenuator did anything beneficial. The receiver's front end seems to be excellent in this respect.

I've got the sychronous detector option, and I wouldn't be without it. It quite often makes a heavily fading signal quite pleasant to listen to. Pity it doesn't have a selectable sideband option, though - I quite often find myself tuning an AM signal in the LSB or USB modes to try to get rid of an adjacent interfering signal.

Would I buy it again? Yes, unless I decided that I really wanted a receiver which offered a computer interface.

****
Sony SW-1 - 2

I bought an SW1E over a year ago, for listening to broadcast SW and FM at home and while travelling. I like this very small radio

a lot. It is maybe expensive for a portable, but the build quality is very good, - everything looks and feels right. Battery life is good, and the set DOES work with NiCads (2*AA) contrary to the instructions. Reception of broadcast SW is good, either with the whip or clothes-line antenna. I've never noticed any big problems from adjacent channels either. As a bonus, FM stereo reception is good through headphones. Audio quality from the in-built speaker is fair, but you'll want to use phones for noisy environments. The only bug with this radio is the memory capacity - only 10 mems is really not enough to cover ALL of AM and FM.
Summary - if you want a very small portable, and appreciate high quality (and can afford it), I would recommend the SW1E. Note the E, which denotes the SW1 kit without the active antenna and brief case - these add a lot to the price, and I don't rate the antenna too highly either.

****
Sony SW-15 - 1

I bought one of these puppies on impulse the other day (at my age you should give in to the occasional impulse, just so they keep coming). Cost $85; you could probably do better by shopping the discounters.

Specs:

Dual Conversion Receiver, 6 1/2 x 4 x 1 1/2 inches, 3 AA or 4.5v DC.

Nine Bands:

FM: 76-108 Mhz, 10.7 Mhz IF.

SW: 5.775 -6.425; 6.875-7.525; 9.375-10.025; 11.6.5-12.265; 15.00-15.65 17.50-18.15; 21.325-21.975. 1st IF 10.7 Mhz; 2nd IF 455 Khz.

MW: 530 - 1710 Khz; 455 Khz IF.

Analog Tuning dial, volume control, music/news tone switch, 7 position SW band selector. FM/MW/SW select buttons double as "on" switches. "Off" button. "Hold" button to disable "on" (prevents accidental turnons) Slide rule, multicolumn frequency display. Hand strap, foldout stand to hold at angle on table, soft carrying case. Basic shortwave guide. Telescoping antenna. FM/MW/SW "on" and tuning LEDs. Mono earphone jack.

Subjective Review:

I'm pretty impressed. Sensitivity is up there with the Pomtrex [:-)] without the "splatter" of strong stations. Analog tuning dial requires a delicate touch but for me that's part of the fun. Drift seems nonexistent; you get a station and it keeps it without a lot of vernier twiddling. MW performance was surprisingly good, as was FM. I'd recommend it as a starter radio.

****
Sony ICF-5100 - 1

I bought this radio in Kuala Lumpur in 1988, and I'm not sure if it goes by the same model number in other parts of the world. It is a shirt pocket analog tuned radio with coverage from 6MZ to about 21MZ in seven bands. The radio is very rugged and has served me well despite of the physical abuse it has gone through. Because of its small size the speaker is only small and the sound from it it a little tinny, but I used it mainly to receive news in countries without English language news services and in remote areas while camping etc. I recommend this radio to anyone, who considers size the most important factor. Cost was about US$70.

****
Sony ICF-7601 - 2

In some respects this is my favorite radio. No bells no whistles no FM stereo -- just a good solid (feels like a small brick) analogue unit. It covers AM, FM and has 10 SW bands that cover most of the "out of band" frequencies. Band switching on SW is done by a slide on the front of the radio while buttons are used to switch from AM to FM to SW. The dial is accurate to 5 kHz so is very easy to locate a station. I believe that it was simply the best low cost analogue rig out there. It's still around and can be had for well under $100.00. Grab it!!

I have a 7601 also. Most of its weight is from the batteries and the speaker, giving it better tone and volume than smaller, lighter sets.

As with other cheap analog sets, it wasn't very hot out of the box.

If you "super tweek" the 7601, it's pretty good on AM, but no match for a 2010 or Superradio III. Most of the shortwave bands peaked up well, but I never could get 19 meters working right. As with most analog portables, the whip is part of the RF tuned circuit, so one must be careful to duplicate the exact listening conditions when tweeking the radio. Even the presence of headphones will shift the antenna tuning.

Unfortunately the 7601 picks up FM stations at various places on the shortwave bands. If you're far enough away from FM and TV stations you might have room for an R-390.

When going on trips I usually take my SW-1 because of the convenience of the presets and the reception flexibility provided by the active antenna that comes with it.

****
Sony ICF-SW33 - 1

I've owned this radio (SW33) for about 9 months and use it as my "carrying around the house rig." It was purchased to replace a Sony 7601 that now resides on my desk at college (things electronic can grow legs on a college campus). By far the best features of this unit are its convenient size and excellent performance on all bands, AM, SW and FM stereo. Don't get me wrong -- this is not a DX machine on SW but for listening to the major broadcasters, it's excellent.

The single filter selection seems just about right and tuning on SW is in 1 kHz intervals. This at least gives you a "fighting chance" to move away from interference. That's a major improvement over the 5 kHz that many radios in this price range allow. In addition, the dual conversion design on SW keeps image interference at bay - a major plus for a small portable.

The radio does not have a keypad so entering frequencies is a bit clumsy. However, by entering the middle frequency of each of the major SW bands in the 7 memories (5 memories plus 2 timer memories) and slewing up or down from those positions you can get around reasonability fast. The SW bands are changed by a combination of 2 keystrokes.

The sleep control (shuts the radio off after 1 hour) can let you be lulled to sleep and the timer alarm can make sure that you get to work on time (radio shuts down after 2 hours if it is turned on by the timer). Setting the radio alarm is very easy - once you have set the clock, but that frankly, is a pain. The clock function, which works very well (combination world/home time), takes at least 7 distinct steps to set it. Fortunately the clock is fairly accurate (looses about 0.2 sec/day) so you don't have to reset it very often. The lighted dial (stays on for 20 sec at the touch of a button) is a nice touch.

Battery life is excellent contrary to the 1994 Passport to World Band Radio (see below). The radio has a battery "gauge" that is activated at the touch of a button radio and shows in the display as a battery icon with 3, 2, 1 or 0 dots inside of the battery outline. It disappears after about 5 seconds. As soon as the number of dots reaches 0, the radio shuts off immediately. I ran a a series of tests with Radio Shacks Super Alkaline batteries and got the following results: 3 dots showed for 37 hours, then 2 dots showed for an additional 11 hours, and finally 1 dot showed for 3.0 hours for a total of 51 hours. (Radio ran 1.5 to 2.5 hours/day with the volume control set at 1/2 volume most of the time). At $2.89 (plus 5% for tax) for a package of four AA batteries (the radio takes 3), that figures out to 4.5 cents/hour which is excellent. This figure differs greatly from that given in the 1994 Passport (25-30 cents/hour). I have no explaination for the difference but I stand by my test values.

Would I recommend this radio to anyone? If you do a lot of band-scanning, forget it; it will drive you crazy. But at about $140.00 plus shipping (NYC mail-order) it's an excellent "second" radio to carry around for listening to the major broadcasters. I like it!

****
Realistic DX-440 - 2

I have a DX-440 and I think it is a good 'dabble' radio but if I ever get serious I will look for a > $500 table model.

I love this radio! It's my main radio and I use it exclusively at home, moving it from room to room. It really is too large for travel

I've found the sensitivity to be tremendous on SW, MW and FM! Very rarely do I need to attach a clothsline antenna! It has continuous SW coverage, a great sounding speaker, BASS and Treble controls, two bandwidths, great sensitivity, good spurious signal rejection...It has all the features I wanted in a starter radio! I bought it about three years ago on sale for $150.00! I still don't know why Radio Shack discontinued it. If you're looking for a good starter shortwave radio and can still find one laying about at a Radio Shack store priced to move, GRAB IT!

****
DAK DMR-3000 - 1

I bought this radio since they have a 30-day money back guarantee and I did not know if I would like the hobby or the radio. Good points: direct-entry tuning, 36 station memories, fairly small so it is easy to travel with, speaker sound was good, reception was okay, but improved dramatically with the addition of the Radio Shack 23' rollup longwire ($8.95). Bad points: only 5kHz tuning steps, only major broadcast bands tunable (large gaps between bands), selectivity not so good, no fine tuning, no BFO, no SSB or CW, poor FM reception. All in all, not a bad radio of $69.90, however, it left me wanting for more, so I got rid of it.

I have seen a couple of posts asking for a low cost SW receivers. I have recently bought a DAK Model DMR-3000, for just $69.90+$6.00 shipping from DAK - a mail order company. The receiver has a direct access, so you can type in the desired frequency, and a manual / automatic scanning system. It also has a dual time clock with alarm and 'sleep' timer. Unfortunately you can tune only to the commercial frequencies on SW, AM and FM bands. I have to say though that cheapness comes at a price. The first receiver I got was defective so I had to ship it back and ask for a replacement. Now, I received a new one which works very well.

Compared to my Sony ICF-7601 the DAK unit is an insensitive brick. The fancy clock and timer features aren't really worth it. About the only thing nice is the FM Stereo support if you plug in headphones but the FM sensitivity leaves much to be desired as well.

Something else to watch for.... That pretty lettering on the buttons will wear off REAL fast. If you haven't used it much yet you won't see a wear off REAL fast. If you haven't used it much yet you won't see a problem. After you've done some tuning you'll see the pretty arrows disappear from the buttons.

****
Sangean ATS-803A - 1

Since I was now turned on by SWL'ing, I moved up to what most people agree is the best all-around radio for this price. Good points: excellent frequency band coverage (150kHz to 30mHz), fine tuning, good selectivity, BFO for SSB and CW, many scanning options, lots of accessories included, good AM and FM reception. Bad points: way too big to travel with, high battery consumption, synthesizer noise in background all the time, scanning frequently skipped lots of "listenable" stations that I was able to get by manual tuning (what's the use in scanning, then?). I found that adding a longwire antenna only increased interference and noise while not improving the set's scanning sensitivity. Overall, a fairly good radio for the price...

I have a Sangean ATS803A which I love. Comments to quote me on would be that it's an excellent beginner's radio for the price. Although I've heard that the 818 is the "latest and greatest" in this price/performance category. I especially love the full coverage 150kc-30mhz and the (albeit lo tech bfo) SSB capability.

****
Sony ICF-SW20 - 1

I was in dispair when I could not find a decent travel portable for under $200. However, I accidentally crossed paths with a Sony ICF-SW20 on sale (normally $99, on sale for $49.99) at a local store and had to check it out. It is an analogue set, but since I got a 30-day return policy on it, what the heck? Good points: analogue tuning so no problem with confining 5kHz tuning steps, INCREDIBLE SENSITIVITY - this radio blew the DAK and Sangean away with the number of stations I picked up, good selectivity (no fine tuning knob - all you need to do is turn the tuning knob slowly), tiny size (4"w x 3"t x 1"d), small whip antenna (only 18"), addition of Radio Shack rollup longwire increased sensitivity even more, great low price (if I lose it or its gets destroyed, no problem replacing it), tuning bands are wider than the major broadcast bands, so you do get some utilitiy reception as well as WWV, AM and FM are really sensitive while FM goes from 76mHz to 108mHz so I can pick up some TV as well. Bad points: frequencies cover only seven broadcast bands (I can live with that, though), only monaural earphone included (however, you can get a $1.39 mono to stereo headphone plug), no BFO for SSB or CW, no station memories. All

in all, this radio gave me the best price/features/size ratio
of the ones I checked out first-hand. It's a keeper for me!

****
Magnavox 3625 - 1

Finally received my Magnavox 3625! Well, I'm certainly happy I
purchased this little radio. Sure, it's not top shelf, but it's
suitable for travel purposes and gives adequate SW coverage.

Has these features:
Travel Lock
Alarm (beeps, does not turn on radio)
Sleep Timer
9/10 KHz switch - for world travel
12 hour clock (however, when unit is swith to 9 KHz steps 24 hour
clock kicks in)
20 presets - 5 for each band FM, AM, SW1, SW2
Dual time
Auto store - this feature allows the radio to automatically find
the five strongest stations in an area and program
them into the memory of the FM & AM band.
Back stand
Antenna swivels and rotates
Runs on four AA batteries.

Well, the sensitivity is quite good. Steps in 1 KHz increments.
No tuning knob but the slew tuning buttons work just fine. It's
about the size of a paperback book and can be taken anywhere
reasonably well. No carrying strap,
though. The SW coverage is limited but it grabs the major
broadcasters exceptionally well. Example: the 41 meter band is
covered from 7100 to 7300. So if you want to listen to the BBC
on 7325, you're oput of luck.

However, I like to listen to the BBC on 12095 or 15070 European
signals during the day that I cangrab when I attach a long wire.
The 3625 can't tune these freqs. but it can grab 15400 (from
africa) WITHOUT a long wire antenna! I'm pretty impressed.

Bottom line....A GREAT little travel radio for $70.00! Call a
Magnavox outlet if you are interested.

****
Magnavox AE-3805 - 2

Great little digital portable. Good sensitivity, average
selectivity. Covers MW (in 10 kHz steps only), FM (no stereo),
and SW in two "bands": 3200-7300 kHz and 9500-21750 kHz. Built-
in timer/clock (12 hour format only), 5 programmable memory
locations per band. Great for travel use.

Purchased from Damark for $49 in May, 1993.

$50 from Damark closeout -- cheapie category

****
Emerson PSW-4010 - 1

Great analog portable. Good sensitivity and selectivity. Covers
MW, FM (stereo through headphones), and SW in 8 bands (roughly
split out as 13m, 16m, 19m, 25m, 31m, 41m, 49m, and
60/75/90/120m). An excellent travel portable.
This is the same radio as the Sangean SG-789.

Purchased from DAK for $49 in June, 1988.

****
Sony ICF-5900W - 1

Sony ICF-5900W was a good radio in its day, but isn't worth
listing now.

****
Icom IC-R70 - 1

I purchased my R70 in early 1983. It came with a scratched plastic
window for the digital display, which the factory replaced. It is
an extremely sensitive receiver. I installed the FM detector board
option, which is highly useful for Sub-Carrier detection from FM
broadcast receivers in conjuction with the R70's ability to tune
below 100khz without a frequency convertor. The so-called PassBand
Tuning (PBT), in actuality an asymmetrical bandwidth narrowing
control, is very mediocre with the factory 455khz filters. Replacing
the 455Khz ceramic SSB filter with a Fox-Tango FT-44 2.4khz 8-pole
crystal filter (equivolent to the ICOM FL-44) makes the passband
filter work as one would want. The AM 455Khz ceramic filter is junk,
and was replaced with a higher quality "4Khz" ceramic filter from
the long-defunct Radio Plus firm. The actual specs for the 4Khz filter
indicate that it is a slightly asymmetrical filter of 5.6Khz bandwidth,
causing a slight degredation of the "highs" (The original spec is
for a 6Khz bandwidth; the 9Mhz AM filter is a 6-pole device). Inclusion
of both replacement 455Khz filters results in a combined shape factor
of much better than 2:1 on AM or SSB. In addition, the RF amplifier
was enabled for AM broadcast band use, and an MOV was placed across
the AC input for protection against voltage transients. [Actually,
a Transorb would be far better in defending against narrow transients.]
For awhile, I replaced the diode AM detector with a Shottkey diode,
but my ears could detect no difference in distortion, and so the
original AM diode was returned to the circuitry. It's been serviced
once by ICOM for an intermittant problem ($150 ouch). There exists
several modifications to enable selection of the 455Khz SSB filter
whilst in AM mode for additional selectivity.

****
YORX AM908 - 1

****
Drake R8 - 1

****
Drake SPR-4 - 1

****
Icom R-71A - 2

Eskab & Edvis of Sweden used to offer a Phase-Locked AM (PLAM) detector for the R-70 and later R-71; they also offer a version for the NRD525. I have the R71 version. It is a synchronous detector which allows selection of USB or LSB via the IF filter/BFO offset. The PLAM board phase-locks one of the R71 local oscillators (I forget which one, probably the BFO) to the AM carrier. It contains its own product detector. The lock range is not very large, perhaps +/- 20 Hz. The detector seems to have lower distortion than the ICOM AM detector.

Compared to ECSSB, aside from the advantages of phase-locking the product detector BFO, the PLAM unit also lowers the corner-frequency of ICOM's low-pass audio filter, giving better bass response than normal SSB mode on the R71. I find that this improves the intelligibility of the signal.

The PLAM board piggybacks in the mounting area for the ICOM FM option board; both can coexist. Installation is somewhat difficult, as it involves connecting over a dozen wires to various boards in the R71.

Eskab & Edvis also offered a 4 KHz 2nd IF crystal filter for the R71. This installs fairly easily in place of the narrow CW filter. It is very much better than the stock ICOM 6 kHz bandwidth, which is wide-open until it hits at cheap ceramic filter in the 3rd (455 kHz) IF.

I don't know if Eskab & Edvis still offer the R-71 PLAM and 4 kHz filter. They used to advertise in the WRTH.

Regarding other options: I believe Sherwood Engineering offers an outboard synchronous detector for the R71 as well as other receivers. The Kiwa MAP unit should also be adaptable to the R71.

Also, Dom Moman of Shortwave Horizons publishes a modification manual, which details mods like enabling the preamp on MW, true pass-band tuning, sub-10 Hz RIT, etc.

****
Kenwood R-2000 - 1

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Kenwood R-5000 - 1

****
Kenwood TS-450-1

I know it's not a reciever, but since it has general coverage,I decided to put it in here.The TS-450S iaN amateur transciever that costs little more than a R-5000,and if you have your ham ticket or are thinking about getting it,may

be worth checking out if you are in the market for a new toy.I'd be willing
to bet the replacement for the 5000 will look just like the 450,just like the
5000 looks like the 450's predacessor,the TS440S.First thing it is EXACTLY
the same size as the 5000/440.Unlike the 5000/440,it has an LCD display that
is unlike any other I've ever seen.It is almost too bright!The brightness
cannot be adjusted,unfortunatly.The 450 recieves in all the standard modes
except for fax.It has a"normal"keypad unlike the 5000 and the aggravating
CW that is producewhen a major button is pressed can be silenced by y
-a simple menuss,you dont have to cut a wire like the 5000he S-Meter
is a bar-graph type that I like but some people dont.It also has an Audio
meter function that kin baffles me.I still dont know what use it is,but it
looks nice!Probably the most notable thing you will observe when using the
450 is the QUIET!It is so quiet,it seems strange the first couple of times you
use it.The AGC is non-defeatable and has a fast/slow toggle.It is the strangest
and slowest AGC I've ever seen,on slow the S-Meter just sits there and then
SLOWLY goes down.On fast,it just isn't quite so slow.It seems to work ok,but is
really odd.The stock filter for AM is a mile wide but you can add the YK88 AM
filter but you wll lose the open slot for the 8.83 ssb filter.I'm not sure,but
the 450 seems to have the same stock am filter the 5000 has.On SSB,it uses one
of the better Murata ceramic filters and is ok but the optional SSB filters are
highly recommended.The audio is FANTASTIC on all modes and if you put one of
the minimus speakers from Radio Shack on it,you will like it a lot.Dont bother
with the Kenwood speakers,the one that goes with the 450 is not too good and is
expensive too!The ergonomics are pretty good,except for the tuning knob,yes
like all the recent vintage Kenwood rigs,IT DOESN'T HAVE A FINGER HOLE!!Why
does Kenwood insist on putting these awful knobs on all the rigs they have made
lately!All in all,it is a very good riever in almost all respects,and since t
it only costs about $100 more than a 5000,it is worth a lookND as a bonus,
the recieve coverage goes up to 40 mhz!If you are into low band scanning,you
will hear things on the 450 you never knew existed on your scanner.If you can
swing the 450's sister model the TS690,you can recieve all the way to 60 mhz.
When the 5000 is put out to pasture,if it's replacement is the 450 without the
transmitter,it will be very tough competition for the other makes.All it needs
is Sync.detection and you really couldn't ask for much more.

****
Japan Radio Company NRD-515

THE all time most user-friendly recieveof recent vintagHas PBT,analog
fine tune,four I.F.bandwiths,AM,LSB,USB,and RTTY modes.There is no squelch
but it really doesnt matter much.Of all the recievers I have owned,or ad over
here to play with,it is the most sensitive in the SSB modeI have the
standard 6 and 2.4 khz filters,and th600 and 300 hz filters whitch are great
for RTTY or CW(if you are truly desparate!)The "protection"diodes have been
removed due to intermod from a local AM station.The reciever's case,front and
back panels are made of Aluminum,no plastic to crack on the 515!The audio in
AM is very bad,almost as bad as the Icom R-71a,but in a different way.The
audio is "fuzzy"out of the speaker jack,but not too bad out of the record jack
but still a little "fuzzy".In the SSB modes,the audio is pretty clear and
doesn't fatigue me like the Icom dos far as thergonomics goes,it's
almost prefect!All the knobs are the right size,the tuning knob is large and

has a nice deep finger hole(Kenwood,are you listening???).The S-meter is big
and easily seen across the room.Dynamic range is very good after the diodes
have been clipped(a one minute operation).The filters all are good quality
and have good shape factors.This was the first "affordable"rig that had a
memory option that was worth something with 24 or 96 channels available.
The NDH-518 I have(96 ch.)is also made totally out of cast and sheet
aluminum and matches the 515's styling.It stores frequency only,unfortunatly,
due to the year it was designeIm guessing.There are lots of these recievers
floating around on the used market for about $600 or so.Universal seems to have
a lot of them passing thrgh the store.

****
Japan Radio Company NRD-525 - 1

This is a great reciever,marred only by bad audio and a hiss that will drive
you bonkers if you have good hearing and a speaker that can put out the highs.
I have had two of these,the first I traded for a sateite setup,and the one I
have now.The newer reciever has mucbetter audio then the first one and lesess
hiss too.Ergonomics are very good MUCH,MUCH better than the Drake
R-8.(IMHO,the Drake is seriously overrated and all the stuff about made in the
U.S.A.is kind of funny cause a LOT of the innards are MADE IN JAPAN!!!)Oh
well,back to the 525,if you are into AM,it's probably not the reciever for you,
but in allthe other modes,it is one of the best consumer grade recievers ever
made.Performance in all modes is basically excellent except fothe audio pr
problem,and stability is rock solid.JRC has only cut a few corners compared
to the 515,probably the ultimate in construction for consumer recievers.
The case is made of very thin sheet metal and the front panel is plastic.The
keys fit loose in the keypad but work ok.The display has four brightness
levels and is very easily read from across the room.The S-Meter is "digital"
and is a floating vertical bar segment that seems to be yellow on some samples,
and green on some others.It is sort of "spastic"and twitched a lot on the
first one I had,but not as much on the seconone.The first 525 I had would
"click" on strong AM signals,but the new one doesn't.The main tuning knob
spins very smoothly and has a nice finger hole.(KENWOOD,WHY DONT YOU LISTEN!!)
All in all, a great reciever.

****
Japan Radio Company NRD-535D - 1

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Yaesu FRG-100 - 1

****
Panasonic RFB-65L - 2

$220 from Universal, EEB, etc. -- my main set, an excellent
portable, many features, nice construction and details.

****
Sony SW-55 - 2

This is my principal radio at the present time (I also have the
Sony ICF-SW33 and the Sony 7601). This rig is an extremely

sophisticated piece of equipment. I especially like the fact that you can store up to 125 frequencies on 25 electronic pages that can be named as you wish (by country). Once programed this is very convenient. The two filter selections are well chosen (much better than the stock Sony 2010 filters). My use the radio to copy WEFAX with excellent results attests to its stability (and that it receives USB and LSB).

The versatile timer/alarm and tape remote feature allow automatic recording with certain tape recorders (Sony and others) of up to five times and frequencies in a 24 hour period. I use this feature all of the time. Audio (stereo on FM) qualitity for a portable is very good; better I believe than the stock 2010 although as with the 2010, it is improved with a set of external speakers.

Unlike the 2010, the SW55 does not have synchronous detection. That's too bad because I believe that if it had this feature it would blow away
tition. As it stands it is an excellent radio. Most interference can be eliminated with the narrow filter or moving away from the interference a bit (the radio is tunable in steps of 0.1 kHz) so the lack of sd is not critical. I really believe that Sony did not include it because it would have then had a very negative impact on sales of the SW77.

Would I buy this radio again. You bet! The only problem I've had in the year an
owned it is that the lettering has worn off the 1, 5, 0 and EXE keys on the keypad. That should not happen on a $300.00 radio!

I just got a SW-55 for Christmas and find it to be an outstanding radio. Now that I've said that, you should know that I am new to all of this "DX-ing" (is that how you say it?). However, I can tell you that it's reception with the built-in antenna and with the included auxiliary antenna is very good. I found that the radio comes pre-programmed with a number of stations (BBC, Radio Moscow, etc.) and they come in great.

As for your questions, I've found the speaker in the SW-55 to be very high quality, delivering plenty of volume and good sound. There are several "tone" switches (news vs. music setting, etc.) that enhance the reception and its sound. And, the unit is packaged well for travel.

The radio itself has several nice features (I don't know how they compare to other radios since I didn't comparison shop). There are several output jacks that make it easy to connect to external speakers, tape recorders, headphones, etc. There are local/long distance antenna settings. There are lots of ways to set and look at the time (local, UTC, Daylight savings, etc.) There are alarms and sleep settings (for on the road).

The tuning portion is quite nice. The radio of course offers digital tuning (punching numbers in to get to a freq.). But I find that I often use the

"analog" tuning dial as well to either fine tune a station or to see what else is out there.

Best of all, the unit is packaged well. As a new user, I have enjoyed the little things Sony has done to make this experience a good one for the new user. Everything from the documentation to the carrying case has made it quick and easy for me to start listening to short wave. Included is a book that is a publishing of all the various countries broadcasting, with their freqs and times. (I gather that these things change quite a bit, but I presume that Sony updates it often)

****
Philips AE3905 - 1

In short, in my experience, the AE3905 is no real great shakes. It looks neat as hell, and marks its owner as a man of taste and distinction with more money than brains (like I said, *I* have one). Its shortwave performance is mediocre. Using this in a hotel last February, I found that attaching the included reel antenna caused the radio to overload fairly badly. The batteries don't last very long. The filters included are fair, but you still get a fair amount of interference from adjacent stations (not as bad as some small portables, but not good). I certainly wouldn't want to use this as my primary radio. For portability, it's fantastic. I can listen to the BBC or VoA anywhere. The radio fits in my shirt pocket, although reception in my pocket isn't all that good. In short, the radio isn't worth what Philips charges for it, but if you've got more money than you know what to do with and a desire to have a flashy looking toy, it'll do. The radio has only recently been available in small quantities in the U.S., and appears to have been discontinued in Europe. I got a reconditioned copy for $179 from the Magnavox factory outlet in Kentucky. Universal lists the radio in their catalog for something like $250 new if I recall correctly. You're not likely to find it anywhere else.

****
WATKINS-JOHNSON HF-1000 HF RECEIVER

I will be doing a lot of comparisons to my other receiver, an NRD-525. To give a basis for comparison, the NRD-525 has been upgraded by the following modifications:

ESKA PLAM board with four added filters following the IF strip
Installation of ESKA Aux filter in the NRD Aux position
Installation of the JRC 1.8 KHz filter in the Narrow position
Replacement of RF chokes on the filter board with shielded units
ESKA agc modification

These modifications have improved the shape factor on the NRD's filters from an average of 2.0:1 to 1.7:1 (60:6 dB). The ultimate rejection has improved from about -60 dB to -75 dB. These modifications are noticeable

in on the air listening tests. The NRD hiss has been removed.

About two months ago, I bought another receiver, a Watkins-Johnson HF-1000. I didn't really think this receiver would be much better than the NRD, and I intended to return it if this was the case. I was wrong. The Watkins-Johnson receiver is clearly superior to the NRD in on the air listening tests, almost in every case. In rare cases it is a tie. The comparisons are done using an A/B switch that switches both the RF and audio lines so that comparisons can be made quickly on the same signal. Comparisons were all done in ECSS mode with the receiver settings made as close as possible to each other.

I also did some bench testing of both receivers, and the numbers that the tests give are not all that much different for both receivers, with the exception of filter shape factor. The HF-1000 shape factors run about 1.1:1 (60:6 dB). This does not explain the main difference between the comparisons, however. The HF-1000 seems to be superior in pulling out weak signals. I have heard many signals that are muddled and hard to understand on the NRD-525 sound sharp and clear on the HF-1000. Several other points:

AGC: The digitally processed AGC on the HF-1000 is far superior to the analog AGC on the NRD, even with the ESKA kit installed.
Notch filter: Again, the digital IF notch filter is superior.
Audio: The NRD audio has always sounded low frequency and mushy; audio on the HF-1000 is crisp and clear. This is an important item.
Operating: I like the controls on the HF-1000. They are flexible, yet easy to use. The set is a pleasure to operate.
Synthesizer spikes: The NRD has a synthesizer spike every 100 KHz. While these are not all that strong, some of them fall on inconvenient frequencies, like the propagation beacons on 14100 KHz. There are a few spikes on the HF-1000 at even 2 MHz points.

The only shortcomings in the HF-1000 I've noticed are the lack of synchronous detection (this is supposed to be sent out as an upgrade chip later), and IF passband tuning would be useful in the SSB modes. It is present in CW.

As you have probably guessed, I'm real happy with this receiver. I think it will be the last one I will have to buy for quite a while.

****
AR3000 - 1 (More Info is Available by e-mail from (jlloyd@cs.clemson.edu)

My general impression, is that this is anyhow a very good apparate. It offers continuous coverage 0.1 : 2036 Mhz, all mode, RS232 interfacing, quite good operating commands, triple conversion, 400 memories; it is very compact (small tabletop, 1.2 Kg.), semi-portable; its 13 auto-selected front-end band filters reduce to some extent unavoidable intermodulation. In general, this set offers a self contained and very well balanced compromise of a lot of different demanding features, but will show its best when fully interfaced.

Its price, here in Italy, has been varying greatly during the years. Therefore I cannot say how it really competes with the choice of HF

receiver + scanner setup. It is still unclear to me how far is the AR3000
from dedicated traffic receivers.

I'm finding a number of defects and "whish it was" that I'm going
to list (I would like to hear comments about), but perhaps I'm
just pretending too much from a receiver in which something had
to be traded off between versatility and performance. Please note
that I have a 4 years old AR3000; some defects could have been amelio-
rated in the 3000A, or may eventually be specific of my unit.

Hardware limits:

-AM selectivity is mediocre (approx 10 khz bandwidth). I feel the lack
of a variable Am bandwidth. SWL in crowded bands is too often spoiled by
the 5Khz whistle. Thinking it was a problem of i.f. detuning, I once
sent it to the service to have it retuned, but with no perceivable gain.

-In AM I do experience blocking. A strong transmitter mutes any weaker adjacent
signal lying some -+30 khz apart. I suspect this may be rather a problem
of AGC voltage (see below on squelch), because the feedback signal is
obtained from the previous to the last i.f. stage, which may have a larger
than necessary (for AM) bandwidth.

-The squelch control (essential in search mode) is not very functional.
On my set almost everything passes for knob positions below .3 and
only >S6 passes when I increase to .5. It may be a problem of adjustment,
but also reflect the inaccurate behaviour of the S-meter, which (I have
no measurements to support) seems not properly logarithmic. I have
the impression that weak signals give a high S readout when close to
stronger ones, because the S-meter averages on a larger bandwidth than
the demodulator.
Also, the squelch just mutes the a.f. output, but not the line out signal.

-The internal speaker fidelity is scarce. No tone controls exist. Clarity
improves a lot when connected to an external speaker or lineout. No
noise reduction circuitry is present. External audio equalization does
a lot, but of course is not the cure for low selectivity.

-There is no i.f. direct output for say a spectrum analyzer or a different
demodulator (say wide band AM for satellite or TV, stereo FM decoder,
sinchro SB AM decoder). A modify could be to buffer it to a backpanel
jack.

-Intermodulation IS present. I live very close to power MW transmitter,
and in the times they're on the whole band .5 : 2.5 Mhz is unusable,
with crosstalk on every possible combination of transmitter frequencies.
At evening I sometimes hear sw bc stations crosstalks on 20 : 30 Mhz, even
with a short random wire antenna. However, I don't hear crosstalk due
to FM transmitters, which are also close to my place. The 13 front
end filters seem to do their job, since strong signals don't cause
crosstalk out of their respective preselector bands.

-I'm not very satisfied with the small and clicking rotary tuning control. In the AR3000a it has been replaced with a (I guess optically encoded) smooth one. I would rather appreciate a jog-shuttle like the one on VCRs, and the mod itself seems quite easy too.
The tuning is however digital, and stepping frequency causes clicks, which eventually trigger the squelch threshold during search. The final a.f. is briefly muted while stepping, but I prefer the line-out signal which is unaffected and thus has a faster response.

-There is a single antenna input for the entire range. I think this however is correct, because whichever choice on different antennas is entirely dependent on the user setup, and should be rather left to an externally programmed antenna switch.

-Some digital RFI is generated, expecially in the high HF and low VHF. A real antenna connected with a shielded cable and a good earth however wash it out.

-Some small change in sensivity and background noise can be perceived when passing across one of the 13 band boundaries (by the way, they are 0.1-0.5, 0.5-2.5, 2.5-10, 10-30, 30-50, 50-108, 108-136, 136-174, 174-224, 224-335, 335-500, 500-940, 940-2036 Mhz), but this is unavoidable, and also due to the change of the superetherodyne scheme.

Software limitations:

-Scanning is already very versatile for such a small machine. However, auto memory storage of catched frequencies was forgotten. Also, the oddities in the S-metering (see above) impose manual choice when scanning non regularly channellized bands.

-There is a priority channel lookup feature, but the attention threshold has to be the current squelch position. Apparently (see
//ftp.funet.fi/pub/dx/receivers/mods/aor300.mod) in
the 3000a a programmable lookup time was implemented, but it is not present on the 3000.

-The mode and the tuning step change are set with several keystrokes. I feel it quite tricky, expecially considering that I generally have to switch quickly between 50 Hz/SSB, 500Hz/Am, 1.25 Khz/nfm, 50 Khz/WFM. The step x10 command is very useful, but not enough.

Since the S-meter signal is output on the RS232, and the unit may be fully remotely commanded, all this limits can be cleverly threspassed by an external control software, thought.

I have experienced problems with the 232 interface. The cpu goes crazy very easily when the connector is plugged in/out, unless the "remote" switch on pin 7 is previously operated. This is (I understand) the reason why it was added on the 3000a. When the cpu goes on the moon, one generally has to open the set and to push the reset button (backside of the keyboard), losing all the memories .
Also, I cannot interface the scanner with an Atari St, either because the TTL level Txdata is to low for that serial port or because the continuous output of

the S-meter simply is too fast for the Atari bios.
Passing by, note that the RS232 speed can be set to 9600 baud with a switch on
the cpu board.
:
--
John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

4766. Re: Wanted: Freqs for Kansas, MO

Newsgroup: rec.radio.scanner
Date: 1994-06-08 13:15:48 UTC
From: wbloss@delphi.com
Message-ID: <pe-sPak.wbloss@delphi.com>
Source record: 273421

Dixie Daniels <dixiedaniels@delphi.com> writes:

>My list may not be totally correct but it's the most inclusive one I've seen
>and if someone has a better one I want it too!

Hi Dixie
I'm up here in St Joe
I have a 950 line listing of KC...want it?

Wally Bloss
WB0BAV
A Human

4767. Re: SF/SJ Dial-A-Scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-08 13:38:35 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.279.000DA510@ccm.hf.intel.com>
Source record: 273338

In article <71960006@hpcc01.corp.hp.com> basham@hpcc01.corp.hp.com (Everett F Basham) writes:
>I am considering installing a hilltop scanner base station for my use. It
>would basically overlook the SF/SJ bay area. Based on the Icom R-7000, this
>would allow me to dial into the receiver, enter the desired frequency and
>passband with DTMF, and hear the audio passed back over the phone line. This
>unit will be installed at a commercial repeater site that I manage. The
>view (both RF and visual) is exceptional!

It sounds like a neat idea but I'm not sure if you could make much off it for the public. There is lots to monitor in San Jose. It is not too dificult to montor from Moragn Hill to Palo Alto, and even a bit further north from a central San Jose location with a roof mount antenna. You can also pick up many East Bay cities. With your location, you could get Santa Cruz, more of Oakland and who knows what else. It would be useful for monitoring some of the low power applications, but I think people would really only be drawn to the service if there was some disaster like the Oakland fire, that they couldn't get by themselves. In this case, having only one phone line (only one person can control at a time), might make the other 50 people trying to dial, a little upset.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4768. Radio Shack bashing!�����

Newsgroup: rec.radio.scanner
Date: 1994-06-08 14:00:00 UTC
From: dave.milsted@compudata.com
Message-ID: <12a.2368.757.0N3E20D6@compudata.com>
Source record: 273339

Radio Shack sends out teams of people to check on the sales people to make sure that they are asking people for their names and addresses. They also want to see if the sales people are tring to get you to buy more than 1 thing. The management hates to see sales tickets with just one thing on it. The team in South Jersey were call Hooper & Hawkins.

�����
.�. Dave InterNet: dave.milsted@compudata.com

� RM 1.3 01622 � This is your modem.... Thi$ i$ y�u� m���m �� ��ug$!!

4769. ICOM R1 Forsale $400

Newsgroup: rec.radio.scanner
Date: 1994-06-08 14:16:52 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <2t4jsk$19d@paperboy.gsfc.nasa.gov>
Source record: 273423

Newsgroups: rec.radio.scanners
Subject: ICOM R1 Forsale $400
Summary:
Followup-To:
Distribution: usa
Organization: BFEC at GSFC, Greenbelt, MD
Keywords:

Well I just bought this scanner about 3 months ago
and now my car took a crap. I paid $479 from
mail order less than 3 months ago. It is in brand
new condition, with antenna and charger. If your
looking for a new scanner! but don't want to pay
the full price , here is how you could save $80.
E-Mail responces please. My price is firm.

Handheld
100khz -1.3ghz
scan .5 5 10 12.5 20 30 50 hz
built in nicad
charger
antenna
brand new in box
$400

I wish I didn't have to sell because this scanner picks up alot that
the pro 43 can't touch! But I have a pro 43 also and you see which
one I'm willing to part with. Scan on!

4770. Re: Pro-2006/2005 Design Weakness?

Newsgroup: rec.radio.scanner
Date: 1994-06-08 14:51:30 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-080694075015@earl.llnl.gov>
Source record: 273424

In article <Cr20ws.45B@helios.physics.utoronto.ca>,
awarburt@helios.physics.utoronto.ca (Andreas Warburton) wrote:

stuff deleted
>
> Now here's the kicker: a few months ago I started using a 12 Volt
> adaptor instead of the built-in transformer to keep the unit cooler and
> get rid of the hum. I just checked the output of my adaptor, and
> discovered that it's delivering a whopping 18.1 Volts! Hmm...

Many times unregulated power supplies will read a higher than rated voltage
without a load on them. Measure the voltage again with the scanner
connected and turned on.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

4771. Looking for a source for the PRO-46

Newsgroup: rec.radio.scanner
Date: 1994-06-08 15:26:46 UTC
From: withrow@lims01.lerc.nasa.gov
Message-ID: <withrow.399.000F72AC@lims01.lerc.nasa.gov>
Source record: 273337

I finally decided on the PRO-46, but now I'm having trouble finding a
it at a good price. I don't want to go to a local store and pay list
price. I called Marymac and they don't have any more.

Does anyone have any recomendations on some good sources.

Thanks,

Jim Withrow

4772. Uniden Bearcat 875

Newsgroup: rec.radio.scanner
Date: 1994-06-08 15:41:21 UTC
From: bwp@netcom.com
Message-ID: <bwpCr34wx.IDL@netcom.com>
Source record: 273328

Is this a good unit? Saw it on sale at Service Merchandise for
169.00--fair price? What frequencies does it cover?

Thanks,
-abh

4773. Houston/Galveston Freq.s Wanted

Newsgroup: rec.radio.scanner
Date: 1994-06-08 16:08:28 UTC
From: magnet@nRCHs022
Message-ID: <2t4qds$d6h@corpgate.rich.nt.com>
Source record: 273327

I'll be in the Houston/Galveston area on vacation next week. Does anyone have a list of frequencies for this area? Include NASA stuff if available.

Much thanks!

--
brad.glidewell@nt.com
P.C. Definition of Ugly:
Physicaly ill-favored

4774. Re: Icom R100 Comments SOught

Newsgroup: rec.radio.scanner
Date: 1994-06-08 16:20:36 UTC
From: jpll@vectorbd.com
Message-ID: <Cr36qD.DED@vectorbd.com>
Source record: 273343
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

Adam Epstein (adam@panix.com) wrote:

: I have a friend who is interested in the Icom R100. If you have
: experience with this radio, he'd appreciate hearing your comments
: (both pro and con) as well as alternative suggestions. Pointers to
: anyplace where discussions about the R100 might be archived would also
: be useful. I'll forward replies.

No SSB or CW is something I miss
--
- -
-Jim Lill- Vector Board BBS
jpll@vectorbd.com 716-544-1863/2645
wa2zkd@wb2psi.#wny.ny.usa.na GEnie: ZKD

4775. SF/SJ Dial-A-Scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-08 16:23:50 UTC
From: basham@hpcc01.corp.hp.com
Message-ID: <71960006@hpcc01.corp.hp.com>
Source record: 273330

I am considering installing a hilltop scanner base station for my use. It would basically overlook the SF/SJ bay area. Based on the Icom R-7000, this would allow me to dial into the receiver, enter the desired frequency and passband with DTMF, and hear the audio passed back over the phone line. This unit will be installed at a commercial repeater site that I manage. The view (both RF and visual) is exceptional!

What I'm curious to find out is if there would be a market for such a service. I can see it as useful in hearing distant cities, listening to low power signals (or repeater inputs), or possible DF'ing with additional hardware. Would you consider it worth:

1) A fixed monthly fee with so many "free hours" of use

$_____/mo with _____ hours free

2) A per-minute charge with no monthly fee

$_____/min

BTW - the dialin number would be a San Jose phone prefix. Only one person could use the system at any given time, so it would be possible to get a busy signal.

4776. VHF TV (ch1-13) Freqs...

Newsgroup: rec.radio.scanner
Date: 1994-06-08 16:39:54 UTC
From: symedia@powergrid.electriciti.com
Message-ID: <symedia.4.000BAA95@powergrid.electriciti.com>
Source record: 273333

Could someone please post the frequencies used for channels 1-13 (VHF)? Thanks

4777. No price competition on frequency counters?

Newsgroup: rec.radio.scanner
Date: 1994-06-08 16:44:06 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jun8.114406.2452@hnrc.tufts.edu>
Source record: 273326

I've decided to get an OptoElectronics M1 frequency counter, but the one thing that's stopping me from acting immediately is the price. At $239 + antenna + shipping, the price comes close to $260. The best deal I've heard about was someone at a hamfest who was able to pick one up with antenna for $209. I've called around and can't seem to do any better than $260. I suppose I'll probably hold off until I get a chance to go to a local hamfest or flea, but it makes me wonder why there seems to be no price competition on this product? What's happened to (lower profit per item) x (higher volume) = greater profits?

4778. Re: Houston/Galveston Freq.s Wanted

Newsgroup: rec.radio.scanner
Date: 1994-06-08 18:11:03 UTC
From: johnw267@aol.com
Message-ID: <2t51jn$nuf@search01.news.aol.com>
Source record: 273331

Brad:

The "Nasa" repeater is 146.64 Mhz, if I remember right. Shuttle mission re-broadcasts are available there when a mission is active. This repeater is located in the Clear Lake/NASA area (442.5 also re-broadcasts NASA. Tone is 123.0)

There are many repeaters down here, and for the most part, everyone is well-mannered. Try 145.47, which is operated by my club, the Brazos Valley Amateur Radio Club. There's no tone, and you'll find lots of friendly folks there (you're also welcome to join our net Monday night at 9:00pm if you can. Newsline is a part of it). Another repeater with GREAT coverage 146.88 (tone 103.5). This repeater probably has the best coverage in the area for a 2-meter repeater. It's hard NOT to hit it!

If you need autopatch access, The ECHO Society operates a repeater on 147.08 Mhz. It has an open patch. Let me know if you'd like to use it, and I'll send you the access code.

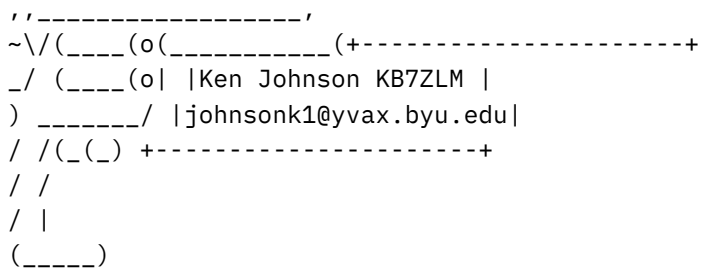
Good luck with your trip!

73 de KB5ZBR
(BVARC/145.47Mhz -- Houston)

4779. Bakersfield, CA freqs needed today!

Newsgroup: rec.radio.scanner
Date: 1994-06-08 18:35:32 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994Jun8.113532.8025@yvax.byu.edu>
Source record: 273329

I need Bakersfield, CA freqs before the end of the day. Leaving tonight.
Also, I remember someone mentioning that you can access an FCC database
of CA freqs on the Internet. Where? Help would be greatly appreciated!



4780. Trident 2400 Any good?

Newsgroup: rec.radio.scanner
Date: 1994-06-08 18:55:29 UTC
From: x90diget@wmich.edu
Message-ID: <1994Jun8.145529.18642@wmichgw>
Source record: 273332

I purchased a Trident 2400 before April 26, 1994. This was before I found this UNews group. I was wondering what people thought of it. If you have not heard about it I can post some tech info later.

Basically I want to know if I got a half way decent scanner. Since I was kind of rushed into the purchase in order to get complete cover (100KHz thru 2060MHz straight thru)

Thanks

4781. Re: Info on AOR8000?

Newsgroup: rec.radio.scanner
Date: 1994-06-08 19:10:33 UTC
From: x90diget@wmich.edu
Message-ID: <1994Jun8.151033.18644@wmichgw>
Source record: 273334

In article <CqxB61.5rD@freenet.carleton.ca>, ac184@FreeNet.Carleton.CA (Tim Murphy) writes:
>
> Any specs on the new AOR? I've only heard rumors, and if only HALF
> of what I heard is true, this thing is the Next Step...Any idea if it will
> be available in the States or Canada, and if not, where I could get it?
> (i.e. Javiation) Thanks in advance for the help.
>

How about posting what you have heard?

4782. Wanted: Bearcat schematics

Newsgroup: rec.radio.scanner
Date: 1994-06-08 20:17:20 UTC
From: exe00447@char2.vnet.net
Message-ID: <2t590g$aoa@char2.vnet.net>
Source record: 273335

Anyone know where you can get schematics for Bearcat (Uniden) scanners?

I had an 800 #, but it's been disconnected.

4783. Re: Info on AOR8000?

Newsgroup: rec.radio.scanner
Date: 1994-06-08 21:37:38 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <771111458snz@javiaton.demon.co.uk>
Source record: 273366

In article <1994Jun8.151033.18644@wmichgw>
x90diget@wmich.edu "Derek L. Diget" writes:

> In article <CqxB61.5rD@freenet.carleton.ca>, ac184@FreeNet.Carleton.CA (Tim
> Murphy) writes:
> >
> > Any specs on the new AOR? I've only heard rumors, and if only HALF
> > of what I heard is true, this thing is the Next Step...Any idea if it will
> > be available in the States or Canada, and if not, where I could get it?
> > (i.e. Javiation) Thanks in advance for the help.
> >
>
> How about posting what you have heard?
>
>
>
As of today, mid/late June is now the anticipated first delivery. A
little more info on the Computer Side has arrisen and looks like it
will cost in the region of 100GBP (In the UK) to obtain the
necessary CU-8232 interface and software but don't expect it
before until towards the end of the year, as to anyone producing a non-AOR
badged computer control system I guess we'll have to wait and see.

In the mean time:-

19 May 1994.

The following "blurb" is taken off AOR latest (first) information sheet on
the new AOR AR8000 handheld receiver. As of this date "sometime in June" is
the anticipated delivery but we are talking AOR here so don't start holding
your breath just yet. Price is also still undisclosed.

++
The AR8000 is the result of AOR's long term ambition to produce a new breed
of radio receiver which combined full computer compatibility with advanced
wide-band radio receiver technology. With the introduction of the new
AR8000, AOR have broken the mould of conventional radio receiver design.

At first glance the AR8000 in its static form may look no different to any
modern hand-held scanning receiver, but the similarity ends there...just as
soon as the receiver is switched on!! Initially you are greeted with the
opening welcome message on the AR8000 multi-function liquid crystal display
"WELCOME TO THE WORLD OF AR8000 RECEIVER", in a similar way to a sign on
message displayed by your personal computer. This new experience immediately
demonstrates to the new user and discerning radio listener that the AR8000
is no ordinary radio but THE NEW CONCEPT in radio design. The modern new

cabinet design measures approx. 152mm (h) x 69mm (d) x 40mm (w) excluding projections and weighing only 350g including NiCads (but not aerial).

The AR8000 is a highly sensitive hand-held receiver boasting a very wide frequency coverage of 500KHz to 1900MHz without gaps in the range (actual acceptable frequency input from 100KHz). Step size is programmable in multiples of 50Hz for smooth tuning. The all mode reception provides AM,USB,LSB,CW,NFM and WFM. As you might expect from a radio receiver of this calibre, an independent 2.0KHz SSB filter is fitted as standard and the USB/LSB modes use true carrier re-insertion with correctly calibrated frequency read-out (not offset by 1.KHz). A custom manufactured ferrite bat aerial is neatly installed at the top of the receivers cabinet to enhance receive performance when listening in population centres to Medium Wave services or when commentary is provided at aishows and motor sport events.

The highly visibility LCD is of a new dot matrix format which enables many new facilities to be used, many of which have never been seen before especially on a hand held design. Two VFO frequencies may be displayed on the LCD simultaneously, one providing a stand by frequency available for quick transfer (similar to commercial aviation built-in radio transceivers. When frequencies are entered, ALPHANUMERIC comments may be stored along with frequency, mode & attenuator status simplifying the job or recalling and identifying memory channels.

The LCD provides four lines of display so that additional facilities may be provided and displayed at the same time, these include a signal strength bar meter and a band-scope showing band occupancy.

The AR8000 is equipped with almost every conceivable operating feature but operation remains easy thanks to a massive new microprocessor. A total of 1000 memory channels are provided which are divided into 20 banks, each having 50 channels. AOR have chosen to allocate 50 channels per memory bank (rather than the more conventional 100) based on findings that most radio listeners prefer fewer channels per bank but more banks for simplified operation. The AR8000 will search and scan at a very respectable (and fast) maximum speed of approximately 30 increments per second. You may even enter "special" frequencies into memory banks where they may only be recalled by entering a user definable "PASSWORD"....this will stop preying eyes.

The AR8000 is truly a button pushers delight but operation need not be difficult. As well as a comprehensively illustrated operating manual and UK quick reference guide, the AR8000 has two operating modes: NEWUSER and EXPERT. As already mentioned, the multi-function LCD provides many new facilities but the receiver has a few more tricks up it's sleeve. Not only can you connect the AR8000 to an external computer for remote control, you may connect two AR8000 receivers back-to-back so that data may be copied from one to another (small interface required for remote data access). There are a variety of scan/search commands to link banks, scan by mode, programmable delay scan, priority, auto memory store, step offset and a programmable power save circuit to increase duration of operation from the NiCads.

The mechanical assembly of the AR8000 will be a sheer revelation to any radio engineer. Surface mount technology has been employed throughout the receiver which is constructed of plug in modules. This will ensure the highest levels of performance, reliability and serviceability. The AR8000 will certainly stand out in a constructional beauty contest. Keypad illumination extends to the side panel keys and may be switched in a number of ways. Illumination "permanently on" for mobile operation is possible. A specially selected heavy duty regulator has been fitted to ensure the receiver will continue to operate reliably even with the illumination permanently selected.

MAIN FEATURES
Frequency coverage 500KHz - 1900MHz
All mode reception AM, NFM, WFM, USB, LSB & CW
True carrier re-insertion and specific SSB filter with non offset readout
1000 memory channels
20 search banks
Priority Channel
Frequency Pass
Rotary Tuning Dial
Step sizes programmable between 50Hz - 999KHz in 50Hz steps
Scan & Search speed up to 30 increments per second
Signal Strength meter
Band Scope
Backlit LCD , Keypad & side panel
Battery save facility
Separate controls for volume, squelch & dial
Attenuator
Keypad Beep on/Off
Keypad Lock
Top panel 3.5mm earphone socket
Monitor switch
Password protected banks
Programmable Scan & Search including Free, Delay, Auto, Level & Mode
Select Scan List
Clone (Copy) Data facility between two AR8000
Computer Control
Tape Output
EEPROM memory backup (no battery required)
Supplied with NiCads, charger, Hand Strap, Belt Hook & screws, earphone, seem flexible aerial, DC lead with cigar plug
Comprehensive operating manual with over 50 illustrations & quick reference

SPECIFICATIONS
Frequency Range: 500KHz - 1900MHz

Receive Mode: AM, NFM, WFM, USB, LSB & CW

Step Size: 50, 100, 200, 500Hz, 1, 2, 5, 6.25, 9, 10, 12.5, 20, 25, 30, 50, 100, 200, 250, 500KHz or any multiple of 50Hz upto 999KHz

Sensitivity: 500KHz - 2MHz
SSB by field signal strength

AM by field signal strength

2MHz - 30MHz
SSB 1.0uV
AM 3.0uV
NFM 1.5uV

30MHz - 1.3GHz
SSB 0.25uV
AM 1.0uV
NFM 0.35uV
WFM 1.0uV

1.0GHz - 1.3GHz
NFM 1.0uV

1.3GHz - 1.9GHz
NFM 3.0uV
AM/SSB S/N 10db
NFM/WFM SINAD 12dB

Selectivity SSB 2.0KHz (-6dB) 7.5KHz (-50dB)
AM/NFM 12KHz (-6dB) 25KHz (-60dB)
WFM 180KHz (-6dB) 800KHz (-50dB)

Antenna Impedance 50 Ohm
AF Output (4.8V) 120mW (8 Ohm)
Power requirements: 4.8v NiCad / 6.0V Maganese / 9 - 16V DC external
Consumption: 150mA (nominal), 100mA (stand by), 20mA (Save)

Memory Channels: 50 channels x 20 banks = 1000
Pass Channel : 50 channels x 20 banks = 1000
Scan/Search Speed: Approx 30ch/per sec

++

-
Cheers, I'll have a Taylors Landlord please.....
JC
/--\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
\--/

4784. ALLIED

Newsgroup: rec.radio.scanner
Date: 1994-06-08 22:17:33 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9406082217.0VBF603@chrysalis.org>
Source record: 273363

Allied Electronics is still around, they are no longer affiliated with radio shack. They are based in Ft Worth, Tx and have a catalog along the lines of Newark electronics. 73. b.

4785. Re: Secret Service!

Newsgroup: rec.radio.scanner
Date: 1994-06-08 22:34:49 UTC
From: hightech@mv.mv.com
Message-ID: <Cr3o22.KK2@mv.mv.com>
Source record: 273340

weisen@alw.nih.gov (Neil Weisenfeld) writes:

>HighTech (hightech@mv.mv.com) wrote:
>: That last message seems to been truncated.....

>: The she....was the Turkish Prime Minister.....just in for a little shopping.

>I doubt that was the Secret Service, then. Protecting visiting dignitaries
>from other countries is done by a branch of the State Department (something
>like Department of State Protective Services, but I don't remember the real
>name). The SS is supposed to be for protecting *our* people.

You're right Neal, the charter of the Secret Service is to protect the
president. I don't know from nothin....except to say that the
transmissions were "Salem (our town) to Secret Service"......

regards....

4786. RS Frequency Counter saw

Newsgroup: rec.radio.scanner
Date: 1994-06-08 23:17:10 UTC
From: astrosoc@physc1.byu.edu
Message-ID: <1994Jun8.171710.1651@physc1.byu.edu>
Source record: 273282

I was in Radio Shack this afternoon to see if they had any frequency counters. The stor was really busy and didn't get a chance to get a look at the one that was on display behind the counter. The thing that caught my eye was the price: $99.95. Is this true anywhere else? I thought about purchasing it on the spot without knowing much about it, but the store was too full. Has anyone else seen this price, and would this be a good counter to buy? I couldn't get a close enough look at the number on it, but I can't imagine they make too many models.
Thanks inadvance for any reply and help.

4787. Re: Trident 2400 Any good?

Newsgroup: rec.radio.scanner
Date: 1994-06-08 23:56:51 UTC
From: schuster@panix.com
Message-ID: <2t5ls3$nn9@panix3.panix.com>
Source record: 273342

In article <1994Jun8.145529.18642@wmichgw>,
Derek L. Diget <x90diget@wmich.edu> wrote:
>I purchased a Trident 2400 before April 26, 1994. This was before I found
>this UNews group. I was wondering what people thought of it. If you have not
>heard about it I can post some tech info later.
>
>Basically I want to know if I got a half way decent scanner. Since I was
>kind of rushed into the purchase in order to get complete cover (100KHz thru
>2060MHz straight thru)

I had a Camnis HSC-050 which is the same radio. I ended up selling it because, out of four handhelds, I didn't think I'd be using it as much as the others.

Compared to the older AR-1000 and AR-1500 I think it's a better radio. It is much more sensitive and the user inferface has been VASTLY improved over the other Nissei models. It tends to leak CPU noise into some regions of VHF-hi, which can cause momentary false triggering of the squelch unless you set the threshhold higher. But the radio is so sensitive that you don't lose much by doing so. It also has some minor firmware bugs but you kinda expect this in every Nissei manufactured radio ... especially the first production run.

So, did you get a "half way decent scanner"? Definitely ... probabably better. Did you get the best continuous coverage handheld. No - the Yupiteru 7100 is better, and the AOR 8000 will probably be so too.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4788. HELP!

Newsgroup: rec.radio.scanner
Date: 1994-06-09 00:12:52 UTC
From: jkwiatkowski@attmail.com
Message-ID: <94Jun8.183556-0600.18529-2@scapa.cs.ualberta.ca>
Source record: 273370

```
------------- Begin Forwarded Message -------------
Date: Wed Jun 8 16:16:00 MDT
Delivery-Date: Wed Jun 8 19:27:44 EDT 1994
From: internet!ve6mgs.ampr.ab.ca!MAILER-DAEMON
Subject: mail failed, returning to sender
To: !jkwiatkowski
Content-Length: 952

|------------------------ Message log follows: -------------------------|
no valid recipients were found for this message
|------------------------ Message text follows: ------------------------|
Received: from alberta by ve6mgs with uucp
(Smail3.1.28.1 #7) id m0qBVv9-00016FC; Wed, 8 Jun 94 16:16 MDT
Received: from gw1.att.com ([192.20.239.133]) by scapa.cs.ualberta.ca with SMTP id
<18521-2>; Wed, 8 Jun 1994 15:02:40 -0600
From: jkwiatkowski@attmail.com (John Kwiatkowski )
Date: Wed, 8 Jun 1994 13:54:06 MDT
To: rec-radio-scanner@ve6mgs.ampr.ab.ca
Received: from jkwiatkowski by attmail; Wed Jun 8 19:54:06 GMT 1994
Subject: Need info quick!
Content-Type: text
Message-Id: <94Jun8.150240-0600.18521-2@scapa.cs.ualberta.ca>

I need to know the transmit and receive frequencies in the GMRS band.
I have a handheld I'd like to program but need to know what
transmit freq's go with what receive freq's.
Please e-mail me the information.
John
```

4789. Re: Javiation still in business?

Newsgroup: rec.radio.scanner
Date: 1994-06-09 00:22:47 UTC
From: drbranine@delphi.com
Message-ID: <9406082022591.drbranine.DLITE@delphi.com>
Source record: 273345

Well, I e-mailed Mr. Clough at least twice, maybe 3 times without the courtesy of a reply.

4790. Re: Looking for a source for the PRO-46

Newsgroup: rec.radio.scanner
Date: 1994-06-09 00:23:43 UTC
From: frankjm@sd2.af.mil
Message-ID: <1994Jun9.002343.5046@afit.af.mil>
Source record: 273350

In article <withrow.399.000F72AC@lims01.lerc.nasa.gov>, withrow@lims01.lerc.nasa.gov (Jim Withrow) writes:
|> I finally decided on the PRO-46, but now I'm having trouble finding a
|> it at a good price. I don't want to go to a local store and pay list
|> price. I called Marymac and they don't have any more.
|>
|> Does anyone have any recomendations on some good sources.
|>
|> Thanks,
|>
|> Jim Withrow

I'm pretty sure Radio Shack is discontinuing the Pro-46,
so you may call them and ask what they are going for now.

Jim

4791. Listening in the car

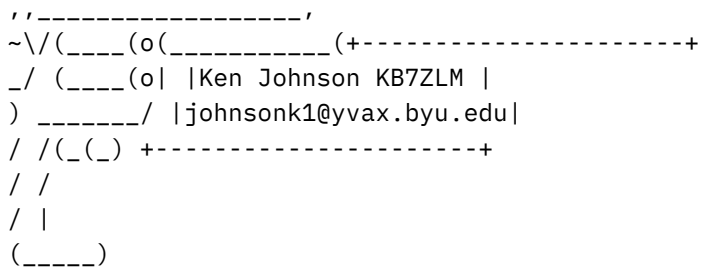
Newsgroup: rec.radio.scanner
Date: 1994-06-09 00:33:03 UTC
From: jbielick@aol.com
Message-ID: <2t5nvv$t0l@search01.news.aol.com>
Source record: 273347

I found that a good way to listen to the scanner while driving in the car is
to hook up a cassette adapter (intended for listening to portable CD players)
to the earphone jack of the scanner. This way, you can listen to the scanner
through your car stero amplifier.

4792. CA frequency database on Internet?

Newsgroup: rec.radio.scanner
Date: 1994-06-09 00:33:24 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994Jun8.173324.8031@yvax.byu.edu>
Source record: 273341

I heard that you can access a California frequency database on the Internet.
Anybody know where I can find it?



4793. Modifing the 200xlt

Newsgroup: rec.radio.scanner
Date: 1994-06-09 00:36:20 UTC
From: prynda@esu.edu
Message-ID: <2t5o64$i1k@jake.esu.edu>
Source record: 273346

I would like to how much can I gain by modifing my bearcat
200xlt. I have seen books for sale in Tucker and Grove. I would like to
buy a new scanner like the AOR 1500 or the R1; however, I would like to
keep my 200xlt for work and recreation. I would appreciate any info.

Thanks
Sam P.

4794. Alinco Scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-06-09 00:52:53 UTC
From: stevem@news.gate.net
Message-ID: <2t5p55$18js@inca.gate.net>
Source record: 273344

I have several friends with Alinco DJ-560's and other Alinco products. I have never seen a more upset bunch of radio owners! Problems galore with the limited exposure I've had... Stuff like the radio drifting 15kc off frequency and goodies like that. Tell your friend that he'll get what he pays for.

For the record I have had my Yaesu FT-530 Dual Bander for a year now and love it.

Steve
KE4GFF

4795. Re: Info on AOR8000?

Newsgroup: rec.radio.scanner
Date: 1994-06-09 01:19:28 UTC
From: steven@sgb.oau.org
Message-ID: <Cr3voK.LwD@sgb.oau.org>
Source record: 273283

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:

: Jonathan (of Javiation) posted a fairly lengthy press release on the features
: and specs of the unit. Did you miss it? I could repost if necessary.

May be a good idea to re-post as Jonathan would most likely be able to
deliver uncensored (full 800 mhz band) units -before- EDCO get's authorization
for their CENSORED version of the receiver. It would most likely boost
Jonathan's sales in any event.

BTW, can this receiver have an individual on/off delay on a per channel
basis? I heard it can be programmed by computer, how?

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net |---------------------------
GEnie: s.bradley6@genie.geis.com | Don't you think it's about
CompuServe: 73232.505@compuserve.com | time we FIRED the Federal
America Online: sgbradley@aol.com | Communications Commission?

4796. WANTED: Stuff in the 216-230Mhz range

Newsgroup: rec.radio.scanner
Date: 1994-06-09 01:26:01 UTC
From: wy1z@bach.coe.neu.edu
Message-ID: <WY1Z.94Jun8212601@bach.coe.neu.edu>
Source record: 273348
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I now own a 220Mhz ham radio (handheld), and am planning to perform a mod
to extend its receive range.

I would like to know:

1) What Goverent/Military/Federal services operate within the 220 Mhz range,
and what modes (AM/FM/SSB) do they use?

2) Locally to the Eastern Mass. area, what services (any kind) use this
range. Also, what modes?

Thanks much for any responses.

I'll place a summarized response (assuming I get enough) into the
/pub/hamradio/docs/misc area of the Boston ARC anonymous FTP area on Oakland.

Scott
--

Scott Ehrlich, Amateur Radio Callsign: wy1z
How to reach me: wy1z@neu.edu [Internet], wy1z@wa1phy.ma [Packet]
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html

4797. Re: Looking for a source for the PRO-46

Newsgroup: rec.radio.scanner
Date: 1994-06-09 01:59:04 UTC
From: stephenx1@aol.com
Message-ID: <2t5t18$11l@search01.news.aol.com>
Source record: 273354

In article <withrow.399.000F72AC@lims01.lerc.nasa.gov>,
withrow@lims01.lerc.nasa.gov (Jim Withrow) writes:

If your local Radio Shack doesn't have one call the one here (FL).
1-904-394-7401. They have it for $189.??.

4798. Re: Freeway Video Cameras (Houston)

Newsgroup: rec.radio.scanner
Date: 1994-06-09 02:01:59 UTC
From: dkrauss@netcom.com
Message-ID: <dkraussCr3xnC.D6L@netcom.com>
Source record: 273353

Mark Kundrath (ah337@cleveland.Freenet.Edu) wrote:

: the system is or i might say 920mhz there is a tv system in cleveland
: and you can see it on the ham bands in the 900 mhz band.
: i went to track it down one day and it is used by the police.
: this is to see what is going on in there city.
: i did talk to them about it and i said i could see them 20 miles
: away and they said ((((what)))) they are useing the ham bands for this.
: but they can do this!!!!!!!
: well i can talk about this all day but i hope this helps...
: scanning all the way...
: mark kundrath

902-928 is a ham band on a secondary use basis only...

--
dkrauss@netcom.com

4799. Re: uniden Bear Tracker...?

Newsgroup: rec.radio.scanner
Date: 1994-06-09 02:04:51 UTC
From: robinett@cscns.com
Message-ID: <robinett.15.00131547@cscns.com>
Source record: 273349

In article <1994Jun5.165217.1@academia.swt.edu> rr03@academia.swt.edu (Ryan Rudnicki) writes:
>From: rr03@academia.swt.edu (Ryan Rudnicki)
>Subject: uniden Bear Tracker...?
>Date: 5 Jun 94 16:52:17 CST

>I hope this question wasn't asked several months ago...

>I received an "early summer '94" DAK catalog that advertised a receiver
>billed as the "radar detector extinctinator" The picture of the unit
>had a label that read "uniden BearTracker". It's apparently a scanner
>preprogrammed with "thousands of police and highway patarol frequencies
>for all 50 states..." Apparently when you drive across a state line you
>simply press a button on the unit to select the state you're in...
>and listen.

>There's no mention of what frequency ranges the unit receives. Nor is
>there any mention of how to deal with changes in frequencies when they
>occur.

>My question: Does the receiver work?... Anyone have any experience with it?

>Ryan Rudnicki
>rr03@academia.swt.edu

I have one and I really like it. It's easy to use, just select the state you're in and it works. It picks up all police freqs below 600 MHz (that's most of them). I live in Colorado and couldn't find any information on the car repeater freq to put in my scanner, but the Beartracker does pick it up. I USUALLY get a good warning before seeing a CO Hypo cruiser. It's also good for just monitoring the Hypo's, Police, DOT, and WX. I highly recommend it for the DAK discount price. I bought mine through Damark (refurbished) for $129.

Rob Robinette

4800. Re: Why is the Pro-2006 D503 mod available?

Newsgroup: rec.radio.scanner
Date: 1994-06-09 02:10:22 UTC
From: robinett@cscns.com
Message-ID: <robinett.16.00132CD4@cscns.com>
Source record: 273351

In article <1994Jun5.205410.7993@yvax.byu.edu> johnsonk1@yvax.byu.edu writes:
>From: johnsonk1@yvax.byu.edu
>Subject: Why is the Pro-2006 D503 mod available?
>Date: 5 Jun 94 20:54:10 -0700

>Why does GRE require you to clip a diode to increase the speed? It seems to
>me that faster is better, and a scanner manufacturer would want to make
>their scanner as fast as possible right out of the box. Does the mod negatively
>affect some other aspect of the scanner? If so, why didn't they just install
>a switch so that you could easily turn faster scanning on or off when you like?

> ,,__________________,

> ~\/(____(o(___________(+----------------------+

> _/ (____(o| |Ken Johnson KB7ZLM |

>) _______/ |johnsonk1@yvax.byu.edu|

> / /(_(_) +----------------------+

> / /

> / |

> (_____)

Why intentionally slow the scanner? The same reason you intentionally limit
the number of memories. The RS 200X scanners can be modified for marketing
reasons. The manufacturer can easily "upgrade" the scanner is a year or so by
removing diodes. I don't think RS wanted the public to know about these mods.

Rob Robinette

4801. USAF Academy Police Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-09 02:15:22 UTC
From: robinett@cscns.com
Message-ID: <robinett.17.0013422B@cscns.com>
Source record: 273352

Anyone know what freqs the Security Police on the USAF Academy use? I've looked in a couple of directories but no luck.

Thanks,

Rob Robinette
Monument, CO

4802. Re: Secret Service!

Newsgroup: rec.radio.scanner
Date: 1994-06-09 03:12:54 UTC
From: eric@garnet.msen.com
Message-ID: <2t61bm$5jv$1@garnet.msen.com>
Source record: 273356

In article <Cr3o22.KK2@mv.mv.com>, HighTech <hightech@mv.mv.com> wrote:
>weisen@alw.nih.gov (Neil Weisenfeld) writes:
>
>>HighTech (hightech@mv.mv.com) wrote:
>>: That last message seems to been truncated.....
>
>>: The she....was the Turkish Prime Minister.....just in for a little shopping.
>
>>I doubt that was the Secret Service, then. Protecting visiting dignitaries
>>from other countries is done by a branch of the State Department (something
>>like Department of State Protective Services, but I don't remember the real
>>name). The SS is supposed to be for protecting *our* people.
>
>You're right Neal, the charter of the Secret Service is to protect the
>president. I don't know from nothin....except to say that the
>transmissions were "Salem (our town) to Secret Service"......
>
>regards....
>

Folks... I have a friend who is a Secret Service agent. He tells me that
the Secret Service DOES, indeed, get assigned to follow and protect
foreign dignitaries while they are int he US. The Secret Service also
protects the exterior/perimiter of foreign embassys in Washington, etc.
There are several divisions of the Secret Service such as 1) Uniformed
Officers; 2) Special Agent (plainclothed); 3) White House Officer.
= = Eric
--
------------------<Golan Security/Defense Policy Studies>--------------------
eric@golan.org | The HOWITZER of truth on the | Holyland Harley-
72000.1256@compuserve.com | battlefield of propoganda. | Davidson Club
----

4803. Re: Wanted: Freqs for Kansas, MO

Newsgroup: rec.radio.scanner
Date: 1994-06-09 04:00:03 UTC
From: Dixie Daniels <dixiedaniels@delphi.com>
Message-ID: <Bw2PX67.dixiedaniels@delphi.com>
Source record: 273355

To Wally Bloss: I sent you E-mail but at first there was a problem. If you did not get it pls. advise on here and sorry everyone, if that worked out with the E-mail no problem and I won't continue obvious private msg. on public. And Thanks!!!

4804. Re: SF/SJ Dial-A-Scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-09 04:04:19 UTC
From: sohn@ccnet.com
Message-ID: <2t64c3$c66@ccnet.ccnet.com>
Source record: 273357

Everett F Basham (basham@hpcc01.corp.hp.com) wrote:

: I am considering installing a hilltop scanner base station for my use.
: Based on the Icom R-7000 ... this unit will be installed at a
: commercial repeater site that I manage.

If the receiver was of commercial quality, one might stand a chance of hearing something useful. The R-7000 was not designed to operate in a high-RF environment like a commercial repeater site. It gets even worse when broadcast (especially television) users are co-located. Even if the other transmitters on the site aren't heard directly (on frequencies where the R-7000 shouldn't hear them), the probability of the receiver front-end being "blocked" by overloading is high. If you haven't done so already, take the R-7000 up the hill and try it during the daytime on a weekday and see what can be heard. I think you'll be unpleasantly surprised. ;(

On the other hand, if the site is sparsely populated, you might get away with it to an extent. Most of the 450 and 860 and 930 bands will likely be unusable in any event.

All of the above is IMHO, of course. It's a great idea - perhaps the monitor receiver people will come out with a does-it-all unit that _also_ has a good receiver. I haven't seen one yet that is within monetary reach of most hobbyists (or many commercial operators).

Good Luck, though. Maybe the non-ionizing radiation fairy will smile on you! :))
--
Jim Sohn phun sohn@ccnet.com
nophun pms/s=sohn/g=jv@mhs.attmail.com
KF6NY wireless KF6NY@wd6cmu.#nocal.ca.usa.noam

4805. Pro-2009 Mods

Newsgroup: rec.radio.scanner
Date: 1994-06-09 04:39:02 UTC
From: brianr1@aol.com
Message-ID: <2t66d6$3dh@search01.news.aol.com>
Source record: 273358

I have a new neighbor who has been into scanning for quite some time. She listens to the local police and some medical but is limited by her current equipment. She is using a Radio Shack Pro-2009 made in 1984. This scanner only has an eight channel capacity.

Anyone know of mods to increase channel capacity?

Thanks for the assistance.

Brian

4806. Re: Wellington NZ new fire Freq.

Newsgroup: rec.radio.scanner
Date: 1994-06-09 04:41:46 UTC
From: mcgaughran@ix.wcc.govt.nz
Message-ID: <2t66ia$98k@golem.wcc.govt.nz>
Source record: 273359

In article <Cr2DM6.Irz@actrix.gen.nz>, todd@actrix.gen.nz (Todd Ward) writes:
>
>All people living in the wellington area, please note.
>
>Fire have changed their frequency from 457.300 fm to 457.450 fm
>--
>
> /\
> /\ / ## \
> / ## \ /\ / ###### \ /\

The UHF Fire frequency 457.300 which disappeared recently in Wellington
has in fact not been used by the Fire service for several years but had
not been decommissioned so that the cross link to the Fires VHF channel
was left in place. The frequency has now been reassigned to a Taxi Co.
The Frequency 457.450 (Normandale) is in the same position and could
disappear at any time.

Current Fire Channels in the Wellington Area.

Ch 1 106.9125 AM
Ch 2 106.9375 AM
Ch 3 106.8625 AM
Ch 4 106.8375 AM
Ch 5 106.8875 AM
CH 6 106.7875 AM
CH 7 106.7625 AM
CH 8 106.8125 AM
Nat Simplex 106.375 AM ????

| Fraser McGaughran | Domain: mcgaughran@kosmos.wcc.govt.nz |
| No longer at the WCC (Just a public user like the rest) |

4807. Re: CA frequency database on Internet?

Newsgroup: rec.radio.scanner
Date: 1994-06-09 05:29:56 UTC
From: dhz@crl.com
Message-ID: <2t69ck$i0q@crl2.crl.com>
Source record: 273360

johnsonk1@yvax.byu.edu wrote:
>I heard that you can access a California frequency database on the Internet.
>Anybody know where I can find it?

telnet tcomeng.com
login: fcc

--
JIM SHRYNE |Read the Constitution! for a copy ftp.crl.com ftp/users/ro/dhz
ARS N6DHZ |Honesty is not something you should flirt with- you should
dhz@crl.com |be married to it. >There's more ways to skin a cat than stickin'
|his head in a boot jack and jerkin' on his tail

4808. GMRS Info Needed

Newsgroup: rec.radio.scanner
Date: 1994-06-09 06:36:02 UTC
From: jkwiatkowski@attmail.com
Message-ID: <199406090635.BAA00208@news.cs.utexas.edu>
Source record: 273361

1)What are the specific frequencies in the GMRS?
2)When you transmit on one frequency and recieve on another (using a repeater)
is there a specific way the frequencies are paired?
Example in receiving on 453.425 or 453.525,what is the transmit frequency?
Any help would be appreciated?
!
If anyone has the answers please e-mail me.Thanks!
John

4809. Re: VHF TV (ch1-13) Freqs...

Newsgroup: rec.radio.scanner
Date: 1994-06-09 07:26:58 UTC
From: mulligan@ACM.ORG
Message-ID: <2t6g82$b60@hopper.acm.org>
Source record: 273362

> ... please post the frequencies used for channels 1-13 (VHF)? ...

From the FAF - Frequently Asked Frequencies file,
available on oak.oakland.edu//pub/hamradio/docs/misc

Television

Ch Range Video Audio

2 54 - 60 55.250 59.750
3 60 - 66 61.250 65.750
4 66 - 72 67.250 71.750
5 76 - 82 77.250 81.750
6 82 - 88 83.250 87.750
7 174 - 180 175.250 179.750
8 180 - 186 181.250 185.750
9 186 - 192 187.250 191.750
10 192 - 198 193.250 197.750
11 198 - 204 199.250 203.750
12 204 - 210 205.250 209.750
13 210 - 216 211.250 215.750
14 470 - 476 471.250 475.750
15 476 - 482 477.250 481.750
.. ... - ... .
68 794 - 800 795.250 799.750
69 800 - 806 801.250 805.750

Note the gaps between chs 4/5, 6/7, and 13/14.
Each TV channel is 6 MHz wide. The video carrier is 1.25 MHz
above the start of the range. The audio carrier is 0.250 MHz below
the end of the range. Television audio is wideband FM.
Some TV stations may be offset +/- 10 kHz.

4810. Re: GMRS Info Needed

Newsgroup: rec.radio.scanner
Date: 1994-06-09 08:54:02 UTC
From: mulligan@ACM.ORG
Message-ID: <2t6lba$bji@hopper.acm.org>
Source record: 273364

> 1)What are the specific frequencies in the GMRS?

GMRS - General Mobile Radio Service

Base/mobile repeater I/P

462.5500 467.5500
462.5625
462.5750 467.5750
462.5875
462.6000 467.6000
462.6125
462.6250 467.6250
462.6375
462.6500 467.6500
462.6625
462.6750 467.6750
462.6875
462.7000 467.7000
462.7125
462.7250 467.7250

In addition to the station's licensed channel, 462.675 may be used
for emergency and traveler's aid by all stations.
Interstitial channels (462.xxx5) may be used only in simplex mode
with voice transmissions of no more than 5 watts.

> 2)When you transmit on one frequency and recieve on another (using a
> repeater) is there a specific way the frequencies are paired?
> Example in receiving on 453.425 or 453.525,what is the transmit frequency?

Note that the example frequencies are allocated to local government,
not GMRS. In the VHF bands (30-50 and 150-170), pairings are largely potluck.
In the other Private Mobile Radio bands in the US the mobiles are:

Band I/P frequency
450-470 5 MHz above the repeater
806-896 45 MHz below " "
896-902 } 39 MHz below " "
935-941 }
/* barry /&

4811. Exotic frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-09 08:57:59 UTC
From: srogers@uqac.uquebec.ca
Message-ID: <Cr4Gwo.82L@uqac.uquebec.ca>
Source record: 273372

Hi all,

I recently received my brand new Yupiteru MVT-8000 and immediately started to hunt the "new and unknown frontiers" of the frequency world.

Something completely new to me was the range of frequencies from 1KHz to about 148MHz. So of course, any signal I heard in those frequencies while in search mode was a great discovery.

Anyway, yesterday I was mozeying around in those frequencies, when all of a sudden I hear, faded in low noise and hissing interference, some sort of exotic music. "Gee", I say to myself, "This must be some far away shortwave station giving it's "call-sign" or whatever it's called (I'm new at this, so the precise lexicon has yet to be mastered). I push the search button, as the signal is weak, and lock once again on this strange but interesting music signal, on another frequency.

"Can't be an AM station", my brain tells me. "Nor an FM station". Gee, trying to understand how frequencies "align" in the spectrum isn't all that clear to me yet. I was on frequency 144.090 which the book tells me is ... 2 meters radio-amateur band. "Well, this is weird", I think to myself, "Who would want to broadcast music on this band?".

Intrigued, I decide to unplug the earphones, and WOW things get even weirder: I now get a kind of echo impression (you know like when you're talking with someone on the phone, your TV's on the same channel as their's and you can hear it with the 'phone' ear and the 'free' ear). "This is major paranormal stuff...", I rejoice, "Am I happy I got this scanner or what..."

And all of sudden, I kinda stretch out my ear to the hall where my husband has his home recording studio. He's a professional musician (does soundtracks for films and videos) and I see he's got his earphones on and he's working on some score. I can barely hear the music coming from the 'phones but realize that what I'm grabbing at 144.090 isn't an alien spacecraft or even a Paraguay or West India ham radio station, but crapshy leaking from his synthesizers a distressing 6 FEET away !!!!

Well, just thought I'd share that we you. If you've personnally experienced your home lamp, tv, heating system or otherwize exotic "frequency", please share it so I don't feel stupid AND alone...

Hesitating on posting my .sig.....

Ah well, here goes:

--
//\\
------------------- // \\ ----------------------
Susan Rogers \\
Universite du Quebec a Chicoutimi \\ = = > srogers@uqac.uquebec.ca

4812. R-7000 Mod. info needed

Newsgroup: rec.radio.scanner
Date: 1994-06-09 09:42:02 UTC
From: brasshat@aol.com
Message-ID: <2t6o5a$86o@search01.news.aol.com>
Source record: 273365

**** The time has come to rework my R-7000****

Form time to time I have heard of mods. for the R-7000.
I'm looking for any articles, Info, Drawings and anyone that has
Upgraded their unit.
Parts, test equiptment needed or complexity of the mod, is no
problem.
I have the serial interface for my MAC by RCSS. If there is any
better software out there I would like to know. Someone will have a
copy.

Thanks for reading my mail. Thank you for any help.
E-mail BrassHat at AOL
BrassHat@aol.com. at internet

4813. RACAL Info Required.

Newsgroup: rec.radio.scanner
Date: 1994-06-09 09:43:00 UTC
From: stuart.mcmurtrie@portofc.org
Message-ID: <3614.487.uupcb@portofc.org>
Source record: 273128

Mornig !

I would appriciate some help.

There is a Air Training Corps (ATC) that as a radio project want to get some
old military comms kit up & running . The intention is to build up a small
Net of local (?) ATC squadrons. I'm sure you'll agree that this sounds like
a great way of getting the lads & lasses into radio !

Kit we need info on:

RACAL 543 (British Communicatios Corporation) Txcvr (30 to 80Mhz).
COSSOR 109AB Txcvr (80 to 100Mhz !).

If anyone has /any/ manuals or info as to how they can get the kit fired up
please contact me here. I know its a tall order but here's hoping !
Thanks in advace.

Stuart.

... "Shall we call the experts or cock it up ourselves"
--- Blue Wave/QWK v2.10

4814. FCC Database?

Newsgroup: rec.radio.scanner
Date: 1994-06-09 11:41:57 UTC
From: scott@hp8c.nrl.navy.mil
Message-ID: <scott.12.0006B339@hp8c.nrl.navy.mil>
Source record: 273367

I recently read the posting regarding Calif freqs availible through telnet to tcomeng.com. Does anyone know of anything like this that covers other states, such as Md., DC, Va.?
Thanks in advance to all.

4815. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-09 11:49:54 UTC
From: isoper@matrix.cs.wright.edu
Message-ID: <1994Jun9.074954.1@matrix.cs.wright.edu>
Source record: 273368

In article <brett_miller.271.00088192@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
> In article <CqxH0A.9BB@freenet.carleton.ca> an678@FreeNet.Carleton.CA (Robert C. Walker) writes:
>>To my knowledge, since I have an insider's knowledge of sorts, the
>>salesmen were required to ask for your name and address. There were no
>>awards given...but a salesmen was judged by how effective he/she was in
>>obtaining a customer's name and address...which was used to mail the
>>monthly sales catlog to a customer's home.
>

rest of stuff deleted!

Not only was a salesperson judge but they would be convicted as well. My working mate at the store where I worked was threaten with termination because his names / tickets wrote ratio was too low. I believe at one point in time he was even disciplined by receiving an reduction in pay for a pay period. My impression during the year I worked for Tandy Land was names and addresses were the single most important mission to accomplish in the eyes of the management, almost to the point of being fanatical.

As for names being mis-spelled, back in the old days before point of sales computer, they data entry people were paid by quantity not time on the job....so what could one expect.

4816. Re: Listening in the car

Newsgroup: rec.radio.scanner
Date: 1994-06-09 12:52:31 UTC
From: magnet@nRCHs022
Message-ID: <2t73af$123@corpgate.rich.nt.com>
Source record: 273369

JBielick (jbielick@aol.com) wrote:
|I found that a good way to listen to the scanner while driving in the
|car is
|to hook up a cassette adapter (intended for listening to portable CD
|players)
|to the earphone jack of the scanner. This way, you can listen to the
|scanner
|through your car stero amplifier.

This is a GREAT idea.

What make and model adapter, and availability?

--
brad.glidewell@nt.com
P.C. Definition of Ugly:
Physicaly ill-favored

4817. Regency Manuals - For Sale

Newsgroup: rec.radio.scanner
Date: 1994-06-09 12:54:03 UTC
From: lakeith@robins.af.mil
Message-ID: <2t73db$mj5@wrdis02.robins.af.mil>
Source record: 273371

I have limited quantities of the following Regency Service
Manuals for sale. Prices include postage.

Regency HR-2 Series 2 Meter Transceiver $10.00
(HR-2/A/S only)

Model ACT-E10H/L/U Monitoradio Receiver $5.00

Model ACT-E16H/L, ACT-E16H/L/U Monitoradio Receiver $5.00

Model ACT-M8H,L,H/L Monitoradio Receiver $5.00

Model MT-15S VHF Marine Transcan $10.00

Model MT-25 VHF Marine Transceiver $10.00

Model MT-120 VHF Marine Transceiver $10.00

Model TME-16U UHF Monitoradio Receiver $5.00

Model TMR-8H/LL, TMR-8H/LM, TMR-8H/LH
Monitoradio Receiver $5.00

Larry Keith
231 Shenandoah Trail
Warner Robins, GA 31088-6289

912-329-0030 (4-10 PM EDT only, please)

4818. BC205XLT "Light" Mod

Newsgroup: rec.radio.scanner
Date: 1994-06-09 13:11:47 UTC
From: kosborne@charlie.usd.edu
Message-ID: <Cr4snp.BHM@sunfish.usd.edu>
Source record: 273373

I've cruised thru the mod archives @oakland and didn't come across the
mod for keeping the backlight locked on.

I know there's one out there...can anyone point me in the right direction?

PS...this may mean the differance between keeping the old beast or buying
a new SportScan.

Kent


```
*****************************************************************
* Kent L. Osborne /\ ------ ------ \ / *
* Videographer/Editor / \ / / \ / *
* South Dakota Public TV \ / / / | *
* "The thoughts, expressions, \/ /_____ /_____ | *
* and opinions herein are not necessarily those of USD, or the *
* SDPTV Network, and are subject to change without notice! *
*****************************************************************
```

4819. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-09 13:30:25 UTC
From: cal@ee.ryerson.ca
Message-ID: <2t75hh$odl@hermes.acs.ryerson.ca>
Source record: 273374

Prof. Feedlebom (feedle@kaiwan.com) wrote:
: Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: : Oh, and not to forget . . . RS salespeople have this annoying (to many)
: : habit of asking you for your name and address for their computers.
: : ....

: Radio Shack employees are REQUIRED to maintain a percentage of 80% or
: higher names and addresses on tickets. Failure to maintain that number
: could result in termination.

: Radio Shack does not sell their mailing list, and they only send out
: flyers to persons who shop there frequently. And, Radio Shack is not
: the only company doing this. Sears has now started a similar policy.

Ordinarily, I would not mind this practice. HOWEVER, what seems to happen
often is that some salespeople have a habbit of making typos and this
results in you receiving multiple flyers in the mail. Then you have to
take in the incorrect mailing label(s) and request that they be deleted
from their system.

I've gotten into the habbit of saying "already on file". What I don't
understand is why they don't adopt some kind of customer card system if
keeping such a database is so important. One photography chain here in
Canada provides you with a card and you only need to give you name and
such on the first visit (actually the first visit to each store as they
keep separate databases, but most people usually go to only one or two
stores). On subsequent visits, you just give them your card and they
swipe it through their machine in order to print out the label film you're
having developed. This is more of a customer convenience as it saves
time, because they don't send out flyers like RS does.

--
Calvin Henry-Cotnam, CATE | "...My brain IBM"
Ryerson Polytechnic University | "So if you see me, acting strangely..."
Toronto, Ontario, Canada | STYX, Mr. Roboto
- -
"We've all been taught, all of us, that blacks and whites can't live together.
The reality is that interracial couples are as boring as anybody else. My
husband sits around the house and I tell him to pick up his socks. Once you
live with someone of another race, it's impossible to think of that race as
special or threatening or all that much different."

- Candy Mills, editor of "Interrace" magazine

4820. Re: R-7000 Mod. info needed

Newsgroup: rec.radio.scanner
Date: 1994-06-09 13:49:33 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.281.000DD3D4@ccm.hf.intel.com>
Source record: 273290

In article <2t6o5a$86o@search01.news.aol.com> brasshat@aol.com (Brass Hat) writes:

> **** The time has come to rework my R-7000****
>
> Form time to time I have heard of mods. for the R-7000.
> I'm looking for any articles, Info, Drawings and anyone that has
>Upgraded their unit.
> Parts, test equiptment needed or complexity of the mod, is no
>problem.
> I have the serial interface for my MAC by RCSS. If there is any
>better software out there I would like to know. Someone will have a
>copy.

Bob Parnass has quite a compilation of R7000 mods & tips. I haven't seen to much of him here lately, so if he doesn't post it, I will look to see if I still have an electronic copy. Icom issued a sevice notice that discussed building a new front end filter. You have to call Icom to get it. It was just a hand drawn circuit that looked pretty hairy. So far I haven't met anyone who has it installed, so I haven't performed the mode yet. I did the scan speed up and the remote control button swap (move a diode). I also added a heat sink and a cooling fan (which I have since removed because of the noise).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4821. Re: FCC Database?

Newsgroup: rec.radio.scanner
Date: 1994-06-09 13:52:55 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.282.000DE231@ccm.hf.intel.com>
Source record: 273291

In article <scott.12.0006B339@hp8c.nrl.navy.mil> scott@hp8c.nrl.navy.mil (Scott) writes:

>I recently read the posting regarding Calif freqs availible through telnet to
>tcomeng.com. Does anyone know of anything like this that covers other states,
>such as Md., DC, Va.?
>Thanks in advance to all.

I've never heard of any others.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4822. Re: SF/SJ Dial-A-Scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-09 14:05:28 UTC
From: linnig@m2000.dseg.ti.com
Message-ID: <LINNIG.94Jun9140528@m2000.dseg.ti.com>
Source record: 273316

In article <71960006@hpcc01.corp.hp.com> basham@hpcc01.corp.hp.com (Everett F Basham) writes:

> I am considering installing a hilltop scanner base station for my use. [...]
> Based on the Icom R-7000, this would allow me to dial into the receiver,
> enter the desired frequency and passband with DTMF, and hear the audio passed
> back over the phone line. [...] What I'm curious to find out is if there
> would be a market for such a service.

Won't you get in trouble with the Communications Act of 1934 (?) that prohibits you from repeating any communications that you overhear (Not that there are too many police out looking for violators of that particular law) ?

-- Mike, N5QAW

- - - - - - - - - - - - - - - - - - + - - - - - - - - - - - - - - - - - - +
Mike Linnig, Texas Instruments Inc. | 97.43% of all statistics are made |
Phone: (214) 575-3597 | up; most of them (83.6 percent) |
Internet: mike.linnig@dseg.ti.com | are wrong. |
- -

4823. PRO31 Advice needed

Newsgroup: rec.radio.scanner
Date: 1994-06-09 14:15:45 UTC
From: twms@ARL.MIL
Message-ID: <9406091415.aa02540@TBD2.ARL.MIL>
Source record: 273276

I recently learned of a pro31 scanner for sale in a nearby pawn shop. I don't own a scanner and looking for something relativly inexpensive to start with. My primary interest at the moment is racing frequencies (mostly around 460 MHz) and the standard police/emergency frequencies.

I've been monitoring this group for several weeks and haven't notice anything regarding the pro31. Any suggestions on it for a starter. The asking price is $95.

Thanks in advance,

I'd prefer email if possible,

Tony Williams

Internet: twms@arl.mil

4824. Re: Listening in the car

Newsgroup: rec.radio.scanner
Date: 1994-06-09 14:25:47 UTC
From: jimz@infinet.com
Message-ID: <2t78pb$t7r@rigel.infinet.com>
Source record: 273277

Brad Glidewell (magnet@nRCHs022) wrote:
: JBielick (jbielick@aol.com) wrote:
: |I found that a good way to listen to the scanner while driving in the
: |car is
: |to hook up a cassette adapter (intended for listening to portable CD
: |players)
: |to the earphone jack of the scanner. This way, you can listen to the
: |scanner
: |through your car stero amplifier.

: This is a GREAT idea.

: What make and model adapter, and availability?

I've got a Recoton CD adapter that I bought from a local Meijer store.
It really does work well, but I would suggest two things:

1) Get one of those little plug-in thingys that makes the mono output of
the earphone jack play through stereo headphones. Otherwise you only get
output out of half of your speakers. This isn't too bad for me, since
the Pro-43 I've got plays out of the left channel- on the driver's side.

2) Don't drive around with the top down on a convertible while doing
this. A friend and I decided to go 'cordless phone hunting' in my car
one night, and that's when I came up with the idea of plugging the CD
adapter into the scanner. Worked great until I realized we were in a
quiet residential neighborhood at about 10 o'clock at night, and we were
broadcasting someones conversation for about a block... :-{

--
/+-\
jimz@infinet.com	What's better than roses on your piano?
Call me Wookie;	Finger me for the answer.
everyone else	
does.	Disc: Don't even bother listening to me.
\-+/

4825. IDEA: (if we're still doing this ;)

Newsgroup: rec.radio.scanner
Date: 1994-06-09 14:28:58 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2t78va$n72@slinky.cs.nyu.edu>
Source record: 273295

1. Copy regional map data down from a CD-ROM similar to AutoMap, but create an .exe that accepts lats and longs from a database and shows dots on the screen where antennas are located. Color the dots red, yellow, blue, or black based of the service field being fire, rescue, police, or business. Allow the user to select the combination of the colors that are shown. Then, when the (formerly) HB-232 enabled scanner sends the frequency to the computer, blink every dot that transmits on the frequency currently being received. Of course, certain freqs are used by herds of agencies, like 155.340, but perhaps a combination of signal strength from the scanner and effective radiated wattage from the database can be used together to make the computer guess where it's coming from.

2. Ever see those moving maps in car dashboards with CD-ROMS in the arm rest? Build a scanner into the car, keep the related FCC database data on the same CD-ROM as each regional map, and do the dots thing again. Except here, the scanner should auto adjust what it's monitoring based on your current location, and only show the antenna sites of the agencies it's currently monitoring. Also allows selection between public service agencies and business bands.

I forgot the third.. oh well.

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

4826. Re: Alinco Scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-06-09 14:46:49 UTC
From: horak@convex.com
Message-ID: <horak.771173209@convex.com>
Source record: 273278

In <2t5p55$18js@inca.gate.net> stevem@news.gate.net (Steve Misel) writes:

>I have several friends with Alinco DJ-560's and other Alinco products. I
>have never seen a more upset bunch of radio owners! Problems galore with the
>limited exposure I've had... Stuff like the radio drifting 15kc off
>frequency and goodies like that. Tell your friend that he'll get what he
>pays for.

I have the DJ560 VHF/UHF transceiver and am happy with it. It is not a
scanner though. From what I've heard, the Alinco scanners aren't very
good. For an inexpensive model, the Pro43 works. For me, I had to go
top of the line and get the Yupiteru MVT-7100.

David

4827. Re: Info on AOR8000?

Newsgroup: rec.radio.scanner
Date: 1994-06-09 14:49:02 UTC
From: dgoodman@aol.com
Message-ID: <2t7a4u$b2d@search01.news.aol.com>
Source record: 273279

In article <771111458snz@javiaton.demon.co.uk>,
Clough@javiaton.demon.co.uk (Jonathan Clough) writes:

>you may connect two AR8000 receivers back-to-back so that
>data may be copied from one to another
>(small interface required for remote data access).

What, no infra-red beaming between scanners? :-)
Seriously, though, despite the wonderful sounding specs, I'm a bit
concerned about the very wide selectivity on AM. Could make SW
broadcast listening rough unless you switch to SSB.

Danny Goodman

4828. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-06-09 15:20:42 UTC
From: Joe_A._Walker@aardvark.bah.rochester.ny.us
Message-ID: <0005713E.fc@aardvark.bah.rochester.ny.us>
Source record: 273311

To my knowledge the law that bans scanners does NOT apply to hams. I will post part of the law when i find it.
** Via the Aardvark Burrow BBS - 1-716-383-1372**

4829. Re: IDEA (I remembered the third)

Newsgroup: rec.radio.scanner
Date: 1994-06-09 15:22:28 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2t7c3k$pbo@slinky.cs.nyu.edu>
Source record: 273292

Similar to dial-a-scanner, how about designating regional
net.experts to put scanner audio on mbone for funky stuff
like the Indy 500?

I'd sure tune in and turn on.

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

4830. Re: ARE ALL CELLULLAR PHONE MONITORINGS ILL

Newsgroup: rec.radio.scanner
Date: 1994-06-09 15:28:55 UTC
From: Joe_A._Walker@aardvark.bah.rochester.ny.us
Message-ID: <00057144.fc@aardvark.bah.rochester.ny.us>
Source record: 273310

It is illegal to monitor Cellphones, Pagers, commercial radio and tv studio to transmitter links. this includes control, GOES and data signals as well
** Via the Aardvark Burrow BBS - 1-716-383-1372**

4831. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-06-09 15:34:21 UTC
From: Joe_A._Walker@aardvark.bah.rochester.ny.us
Message-ID: <00057146.fc@aardvark.bah.rochester.ny.us>
Source record: 273309

SWL: Short Wave Listener?
Monitor?

** Via the Aardvark Burrow BBS - 1-716-383-1372**

4832. Re: Scanner jargon question

Newsgroup: rec.radio.scanner
Date: 1994-06-09 15:35:39 UTC
From: Joe_A._Walker@aardvark.bah.rochester.ny.us
Message-ID: <00057148.fc@aardvark.bah.rochester.ny.us>
Source record: 273308

Satalite Surfer

Hence the name of my conference on Pheonix Risong. :-)
** Via the Aardvark Burrow BBS - 1-716-383-1372**

4833. Re: VHF TV (ch1-13) Freqs...

Newsgroup: rec.radio.scanner
Date: 1994-06-09 16:15:44 UTC
From: hughem@netcom.com
Message-ID: <hughemCr5168.ECC@netcom.com>
Source record: 273281

Mark (symedia@powergrid.electriciti.com) wrote:
: Could someone please post the frequencies used for channels 1-13 (VHF)? Thanks

I can supply the L.A. channels:
2 = 59.750
4=71.750
5=81.750
7=179.750
9=191.750
11=203.750
13=215.750

and our PBS (KCET) on channel 28 is at 559.750

BUT... these freqs. are all Wide-FM -- most scanners will pick-up a very
dirty signal if they only do narrow-FM!

4834. Re: Alinco Scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-06-09 16:20:59 UTC
From: horak@convex.com
Message-ID: <horak.771178859@convex.com>
Source record: 273280

In <horak.771173209@convex.com> horak@convex.com (David Horak) writes:

>I have the DJ560 VHF/UHF transceiver and am happy with it. It is not a
>scanner though. From what I've heard, the Alinco scanners aren't very
>good. For an inexpensive model, the Pro43 works. For me, I had to go
>top of the line and get the Yupiteru MVT-7100.

>David

After reading my post it became obvious that it may be misleading.
The Pro43 is not an Alinco product and the Yupiteru is made by....
you guessed it, Yupiteru.

Happy scanning!

David

4835. Re: Why is the Pro-2006 D503 mod available?

Newsgroup: rec.radio.scanner
Date: 1994-06-09 17:38:55 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.771183535@constellation.ecn.purdue.edu>
Source record: 273284

magnet@nRCHs022 (Brad Glidewell) writes:

>johnsonk1@yvax.byu.edu wrote:
>|Why does GRE require you to clip a diode to increase the speed? It seems to
>|me that faster is better, and a scanner manufacturer would want to make
>|their scanner as fast as possible right out of the box. Does the mod negatively
>|affect some other aspect of the scanner? If so, why didn't they just install
>|a switch so that you could easily turn faster scanning on or off when you like?

>| ,,__________________,
>| ~\/(____(o(___________(+----------------------+
>| _/ (____(o| |Ken Johnson KB7ZLM |
>|) _______/ |johnsonk1@yvax.byu.edu|
>| / /(_(_) +----------------------+
>| / /
>| / |
>| (_____)
>By clipping this diode you eliminate a range (or ranges) of frequencies. (So "I" have
>been told.) I have'nt done this to mine.

>--
>brad.glidewell@nt.com

I think I have asked this question before, but no answer.

Aside for the D502 and D503 thing (extended coverage and scan
speed) I noticed that there is also a spot for a D504 (hope I have those
numbers right) which is evidently installed in some non-US versions of
the radio. Anybody know what this does?

Duane

4836. northern Illinois hamfest/computerfest calendar

Newsgroup: rec.radio.scanner
Date: 1994-06-09 17:41:24 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Cr5550.2L9@nntpa.cb.att.com>
Source record: 273286
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,alt.radio.scanner,rec.radio.shortwave,chi.places,rec.radio.swap

HAMFEST/COMPUTERFEST CALENDAR 1994 - NORTHERN ILLINOIS
last updated June 9, 1994 |

o Please report additions or changes to Bob Parnass,
AJ9S, office phone: (708)979-5414, electronic
mail: parnass@ihlpf.att.com.

JUNE

June 5, Sunday: Princeton, IL - Starved Rock Radio
Club. Bureau County Fairgrounds. Admission $5.
Talk-in 146.355/955. Info, Bruce Burton, KU9A
(815)795-2201.

June 12, Sunday: Willow Springs, IL 6 Meter Club Ham-
fest, Six Meter Club of Chicago. Santa Fe Speedway,
91st Street and Wolf Road. Admission $5. Gates open
6AM. Talk-in on 146.52 simplex or 146.97 repeater.
Info, call Joe Gutwein, WA9RIJ, at (708)963-4922.

JULY

July 24, Sunday: Stickney, IL - DuPage ARC hamfest,
Hawthorne Race Course, 3500 South Cicero Ave. Handicap
accessible. Starts at 6 AM. Talk in on 142.25 MHz
with 107.2 PL. (-600). VE Testing 9 - 12. Advance
tickets are $4.00, $5.00 at the door.

This hamfest used to be held at the American Legion in
Downers Grove and was a good small to medium-sized ham-
fest. This year, there will be a 30,000 square foot
indoor exhibit area in an air conditioned building,
plus outdoor tailgating.

For advance tickets, send check payable to DARC,
enclose SASE, and send to Hamfest 94, 7511 Walnut Ave,
Woodridge, IL 60517. For commercial or fleamarket
tables info, call 708-985-9256.

July 31, Sunday: Sugar Grove, IL - Fox River Radio |
League (FRRL) Hamfest, Waubonsee Community College, |
Route 47 at Harter Road, 5 miles NW of Aurora, IL. Set |
up Sat 7 PM, Sun 6-8 AM, open to public 8 AM. Commer- |
cial dealers, flea market, computer vendors, refresh- |
ments. VE session: 10 AM (bring original license, a |
copy of license & photo ID). Free parking, camping |

nearby. Talk In on: 146.58/147.66. Adm: adv $4, door | $5. Table: 8 ft $10. For advance tickets and informa- | tion contact: Fox River Radio League, Box 673, Bata- | via, IL 60510-673 or call Diana Skube, WD9API (708- | 293-7485), or Mark Hougaard, KB9FCC (708-810-1805).

July 31, Sunday: Racine, WI - Racine Hamfest, Sponsor: Racine Megacycle Club - W9UDU South Hills Country Club, East Frontage Rd. I-94 Between Hwy 20 & K. Advanced admission SASE & $3.00. Send to: RMC P.O. Box 3 Racine, WI 53401. Information: 414-554-7565 - WB9USI

AUGUST

August 6, Saturday: Goshen, IN - Elkhart County Ham- fest Sponsor: Elkhart County Radio Association Elkhart County 4-H Fair Grounds. 8AM to 3PM Advanced Tickets (till 7/1) $4.00, $5.00 at Gate. Send Ticket Requests or Table Reservations to: Elkhart County Hamfest, 20294 C.R. 36, Goshen, IN 46526 Information: 219-533-7632 - Jocelyne WZ9M

August 7, Sunday: Peotone, Il - Hamfesters Hamfest Will County Fairgrounds, Peotone, Il. Take I-57 South to Peotone Exit 327 (East). Flea market open 6:00am - 3:00pm. Tickets $4.00 advance w/double stub & $5.00 at gate w/single stub. No additional charge for flea market space. For advance tickets and information con- tact: Hamfesters Radio Club, Box 42792, Chicago, Il. 60642 or call Amateur Radio Info-Line: 1-708-535-AHAM

August 28, Sunday: Woodstock, IL - Tri-County Hamfest, Sponsor: Tri-County Radio Group, Inc. McHenry County Fairgrounds, Rte. 47 Junst North of Rte. 14. (Only 14 miles North of I90 on Rte. 47.) Advanced Tickets: $4.00, At The Door: $5.00 For advance tickets send check to: T.C.R.G., P.O. Box 3107, Skokie, IL 60076-6107 Information: 708-658-1678 Talk in on: 146.52

SEPTEMBER

September 11, Sunday: Joliet, IL - Bolingbrook ARS Ham/Computerfest, Inwood Recreation Center, 3000 W. Jefferson. This is a medium size hamfest with indoor/outdoor flea market. Gates open 8 AM for gen- eral public. Outdoor flea market on paved lot -- setup at 6 AM. Use Exit 253 from I55, or Exits 126/130 from I80. Admission $5. VE testing 9 AM - 12 noon. Bring original license and photocopy, ID and photo ID, plus $5.75 test fee. Novice-only tests are free. Talk-in 147.33, 224.54, and 443.525 MHz repeaters. Indoor

table reservation, call Ed Weinstein at 708-085-0527. Info, BARS Hotline (708)759-7005 between 6 AM and 9 PM.

September 17-18, Saturday & Sunday: Peoria, IL - Super-fest. Admission $5. For more info call (309)685-6698. Talk in on 146.76 (-600 kHz offset).

September 24-25, Saturday & Sunday: Grayslake, IL - Chicago FM Club, Ham Radio Expo. This is a large ham-fest with indoor and outdoor flea markets. Lake County Fairgrounds, Rts 45 & 120. 6AM - 6PM. Info 146.76 MHz (-600). Admission $6 at gate, one ticket good for 2 days. Kids under 12 free.

OCTOBER

October 23, Sunday: Waukesha, WI - Kettle Moraine Ham-fest Sponsor: Kettle Moraine Radio Amateurs Waukesha County Exposition Center Forum Building, Highways J and FT All orders MUST be accompanied by a SASE and mailed to: KMRA Swapfest, P.O. Box 411, Waukesha, WI 53187-0411 General Admission - $4.00 ($5.00 at the door)

NOVEMBER 1994

November 19-20, Sat.-Sun.: Fort Wayne, IN - Fort Wayne Hamfest Sponsor: Allen County Amateur Radio Technical Society (ACARTS) Allen County War Memorial Coliseum Exposition Center Admission: $5.00 (No advance ticket sales.) For information or table orders, send a SASE to: ACARTS, P. O. Box 10342, Fort Wayne, IN 46851 or call John Rufner at 219-483-6305 (table info) Don Gag-non at 219-484-3317 (general info)

Nov 27, Sunday: Wheaton, IL - GMRS of Illinois May Fest '94. Admission $5. Starts 8 AM. Setup 6 AM. Info, call (708)690-1492.

COMPUTERFEST SCHEDULE

September 17, Saturday: Kankakee, IL - Computer Fest 1994. Sponsor: Kankakee River Valley Computer Users' Group. Kankakee County Fairgrounds 9:00 a.m. to 3:30 p.m. Admission $4.00. Information: 815-935-8590 or 815-935-1605>

Computer Central, College of DuPAGE, Main Arena of the Physical Education Building Park Blvd & College Road, Glen Ellyn, Il. 708-940-7547 $5 with card Normal admission $6.00 Opens 9:30 am - 3:00 pm

05/22/94, 06/26/94, 07/31/94, 09/18/94, 10/30/94, 11/27/94

Orland Park Computer Show held at The Orland Park Civic
Center, 147th Street & LaGrange Road, Orland Park, Il.
9:30AM - 3:00PM. Call 708-974-3123 for information or
to get on mailing list. Admission $5.00 or $4.00 with
card.

05/15/94, 06/12/94, 07/17/94, 09/18/94, 10/16/94,
11/20/94, 12/18/94
--
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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

4837. Re: Secret Service!

Newsgroup: rec.radio.scanner
Date: 1994-06-09 18:00:23 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Jun9.180023.22615@alw.nih.gov>
Source record: 273285

Eric Norber (eric@garnet.msen.com) wrote:

: Folks... I have a friend who is a Secret Service agent. He tells me that

Yep, it definitely seems that I was wrong on this. Thanks to everyone who
set the record straight and sorry for the misinformation.

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: +1 301 402 4030
Bethesda, MD 20892 Fax: +1 301 402 2867

4838. Re: Listening in the car

Newsgroup: rec.radio.scanner
Date: 1994-06-09 18:29:17 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.283.00127D89@ccm.hf.intel.com>
Source record: 273300

In article <2t73af$123@corpgate.rich.nt.com> magnet@nRCHs022 (Brad Glidewell) writes:

>JBielick (jbielick@aol.com) wrote:
>|I found that a good way to listen to the scanner while driving in the
>|car is
>|to hook up a cassette adapter (intended for listening to portable CD
>|players)
>|to the earphone jack of the scanner. This way, you can listen to the
>|scanner
>|through your car stero amplifier.

> This is a GREAT idea.

Don't forget you can use your Silent Play (from RS) and just tune in your
scanner on the FM radio! No wires hanging from the radio.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4839. Re: Help needed regarding cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-09 18:37:18 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.284.00129FBE@ccm.hf.intel.com>
Source record: 273301

In article <jim-090694133143@jimsmac.ttech.com> jim@ttech.com (Jim Wayda) writes:

>When monitoring cellular communication in the frequency range of 869mhz to
>894mhz there are many instances when I can only hear one of the parties
>involved in the conversation. In other instances, I can hear both parties
>involved in the conversation. Can someone please provide information as to
>why this is happening?.

I assume you were in Canada while doing the above :-)

Anyway, the reason you only hear half of the conversation is that the local switching office does not always feed the cellular callers voice back to himself (known as side-tone or "battery"). So if you only hear one side, it is the guy who's signal is originating from the landline and not the guy who is in using his cell phone in the cell you are monitoring. So there is nothing you can do except try picking up the input 45MHz lower (this usually takes a good antenna since power output is less than 1 watt on most phones).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4840. Re: Icom R100 Comments SOught

Newsgroup: rec.radio.scanner
Date: 1994-06-09 18:43:18 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.285.0012B958@ccm.hf.intel.com>
Source record: 273302
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

In article <crispCr5Fst.7rB@netcom.com> crisp@netcom.com (Richard Crisp) writes:

>I own 2 of them and would like to have a third if that is helpful.

Coming from you, I'm not sure how significant this statement is. Your house must look like the inside of Lockheed's "Blue Cube" :-)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4841. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-06-09 18:48:16 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2t7o5g$4tf@dancer.cc.bellcore.com>
Source record: 273294

In article <Cr0I2u.5B3@ucdavis.edu>,
TERMINATOR3 <jdwong@tomatillo.engr.ucdavis.edu> wrote:
>I already saw a post that scanners are illegal to use in NY.
>Are scanners illegal to use in CA vehicles?
>I'm a ham radio operator, so I'm wondering whether HAM radios
>are affected.

The list of states which prohibit scanners in vehicles is only
about 6 or 7, and all of those states specifically exempt hams
from those laws. Likewise, the FCC resently issued an ruling
which preempts ALL state and local legislation that would
in any way prohibit the use of ham radio transcievers in
vehicles, etc.

Hope that helps.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

4842. Silicon Valley Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-09 19:27:43 UTC
From: barryc@mpd.tandem.com
Message-ID: <1994Jun9.192743.18596@integrity.uucp>
Source record: 273289

Hi,

I'm travelling to the Sunnyvale/Silicon Valley area for 2-3 weeks
and I'd like any freqencies that you may have for that area. I'd
like police,fire,emergency,amateur radio, US Gov't., railroad,
military etc. I'd also appreciate the frequencies for Tandem
Computers. Frequencies for Modesto and the general Bay area would
also be appreciated.

73 and TNX,
-barryc

Barry D. Chalcroft / N5NWI Tandem Computers ISD, Austin,TX
Work: (512) 244-8723 The Home of "UNIX with Integrity""
EMAIL: barryc@mpd.tandem.com bchalcroft@delphi.com
76500.2177@compuserve.com barryc@cactus.org

4843. Re: USAF Academy Police Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-09 19:54:31 UTC
From: kenw@col.hp.com
Message-ID: <2t7s1n$r7t@hp-col.col.hp.com>
Source record: 273287

USAFA Security Police 173.175

4844. Re: Listening in the car

Newsgroup: rec.radio.scanner
Date: 1994-06-09 21:02:52 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2t801s$7r1@slinky.cs.nyu.edu>
Source record: 273298

|> I've got a Recoton CD adapter that I bought from a local Meijer store.
|> It really does work well, but I would suggest two things:

I picked up the Radio Shack version, snipped off the stereo adapter, and
bought a you-solder-it-on mono miniplug adapter and soldered
all four leads to the respective two points. Still works like a charm
7 years later(!). Besides, I always found that too many adapters put too
much strain on the jack. The worst of which was with my first scanner,
a bc100 with a supermini plug. For high ambient noise, I needed a
supermini to mini adapter, a mini mono to mini stereo adapter, and
then a mini stereo to 1/4" stereo only to have my humongous full size
headphones plugged in. I used to tape the adapters to the ducky because
the weight of them made the jack go bad.

|> [...] and we were
|> broadcasting someones conversation for about a block... :-{

No problem, unless you hear them calling the cops on you! :)

Speaking of sounds from the car, I got some weird looks from people
in line at the ATM when the township plectron started going off in my
car last weekend. I use the five inch outdoor Radio Shack horn
mounted at my feet for my in car audio.. ears bleed at 7 on the
dial, even with 2-80 air. ;)
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

4845. Re: Icom R100 Comments SOught

Newsgroup: rec.radio.scanner
Date: 1994-06-09 21:31:40 UTC
From: crisp@netcom.com
Message-ID: <crispCr5Fst.7rB@netcom.com>
Source record: 273296
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

In article <Cr36qD.DED@vectorbd.com> jpll@vectorbd.com (Jim Lill) writes:
>Adam Epstein (adam@panix.com) wrote:
>
>: I have a friend who is interested in the Icom R100. If you have
>: experience with this radio, he'd appreciate hearing your comments
>: (both pro and con) as well as alternative suggestions. Pointers to
>: anyplace where discussions about the R100 might be archived would also
>: be useful. I'll forward replies.
>
> No SSB or CW is something I miss
>--
>- -
>-Jim Lill- Vector Board BBS
>jpll@vectorbd.com 716-544-1863/2645
>wa2zkd@wb2psi.#wny.ny.usa.na GEnie: ZKD

It is really good for satellite work such as INMARSAT, SCPC or FLTSATCOM.
It is a bit lacking as a scanner, the HF selectivity is pretty bad
but it does have good sensitivity over the entire tuning range. It does
have three antenna inputs, one for HF, another for VHF/.UHF and the third
for microwave. This is a very good feature which allows three different
antennas to be connected to it concurrently.

No other scanner in that form factor has this feature to my knowledge.

No computer interface, 1khz is the tuning resolution, and it does not
support SSB or CW as previously noted.

I own 2 of them and would like to have a third if that is helpful.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

4846. Help needed regarding cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-09 21:31:43 UTC
From: jim@ttech.com
Message-ID: <jim-090694133143@jimsmac.ttech.com>
Source record: 273288

When monitoring cellular communication in the frequency range of 869mhz to 894mhz there are many instances when I can only hear one of the parties involved in the conversation. In other instances, I can hear both parties involved in the conversation. Can someone please provide information as to why this is happening?.

P.S. My scanner is a PRO 2006 and I know that this is not a scanner problem.

-Jim

4847. Is the BC 200xlt good or not?

Newsgroup: rec.radio.scanner
Date: 1994-06-09 21:48:39 UTC
From: stei0302@mary.cs.fredonia.edu
Message-ID: <1994Jun9.214839.11152@penny.cs.fredonia.edu>
Source record: 273293

Hi, I'm new to the world of scanners. I have been monitering
this group for a while...(monitering a group of monitors?)
Anyway, I have heard good things about the 200xlt, but I also
see references to it being "outdated" and an "old beast".
I am looking to spend about, ummmmm... lets see... say 200-300
dollars for a handheld. I'd like to be able to listen to drive thru
freq's, police, military, etc. All of that stuff! And maybe, just
maybe a cellular conversation here and there. (Although snooping into
people's personal lives is not something I'm really into).
Is the 200xlt the scanner for me, or is there a better one in
my price range?
Thanks in advance for putting up with another one of these silly posts...
I know how sick you people must get of seeing them...
Thanks again!

-Jon-

4848. Ham scanner nets

Newsgroup: rec.radio.scanner
Date: 1994-06-09 22:51:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <771274046.AA05718@rochgte.fidonet.org>
Source record: 273231

* Forwarded from "SCANRADIO"
* Originally by David Stark
* Originally to All
* Originally dated 9 Jun 1994, 16:51

Here is my latest list of scanner-related nets conducted via amateur radio.
These nets are on bands that can be received by most scanners, in FM mode.
Additions and corrections are greatly appreciated.

Area Freq Name Day/Time NCS/NM Remarks

Wash, DC 146.910 Capitol Hill Monitors Sun 19:30 N3RDC

Baltimore, MD 147.030 Listening Post Sun 20:00 KA3JJZ
" 224.960 " " "
" 448.975 " " "

Albany, NY 145.190 Capital Dist Scanner Net Tue 21:00 N2SGO
Schenectady 147.060 " " " " " "

Syracuse, NY 147.000 Shortwave Listeners' Net Fri 20:00 N2DCI (PL 71.9)
Canastota, NY 146.670 " " " " "
Clay, NY 443.100 " " " " "

metro NYC 146.880 NY DX Scanner & SWL Net Mon 21:00 ? "Charlie"

Long Island 146.685 Greater S. Bay ARC Wed 20:00 WB2RVA
Long Island 147.210 Larkfield ARC Fri 20:30 N2AH
Long Island 146.850 LIMARC Sun 20:00 K2RIW techie
Long Island 146.805 Monitoring LI Sounds Tue 20:00 WB2RVA (PL
136.5)

San Francisco 443.800 Railfan & Scanner Net Wed 20:00 ????

Madison, WI 147.150 ??? Sun 20:00 ???? 1st week

Orlando, FL 146.730 Central Florida Listners Sun 20:00 N4EF (PL
103.5)

4849. Re: Help needed regarding cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-10 00:17:03 UTC
From: schuster@panix.com
Message-ID: <2t8bdv$s9e@panix3.panix.com>
Source record: 273297

In article <jim-090694133143@jimsmac.ttech.com>,
Jim Wayda <jim@ttech.com> wrote:
>When monitoring cellular communication in the frequency range of 869mhz to
>894mhz there are many instances when I can only hear one of the parties
>involved in the conversation. In other instances, I can hear both parties
>involved in the conversation. Can someone please provide information as to
>why this is happening?.

Some cellular bases suppress the sidetone, so you don't hear the mobile
part of the conversation. There's nothing wrong with your scanner, and
nothing you can do about it.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4850. GMRS FAQ

Newsgroup: rec.radio.scanner
Date: 1994-06-10 00:43:01 UTC
From: strech1@aol.com
Message-ID: <2t8cul$isk@search01.news.aol.com>
Source record: 273299

To jkwiatkowski@attmail.com (John Kwiatkowski)

I. What is the GMRS ?

The General Mobile Radio Service (GMRS) is part of the Personal Radio Service, and falls under part 95 of the FCC regulations (subpart A). The Personal Radio Service is intended to give the general public access to portions of the spectrum for various uses. Citizens Band (27 MHz) and model radio control (RC) are also part of the PRS. Unlike other land mobile services, the GMRS is available only to individuals. There are few restrictions on what the GMRS can be used for.

Consisting of eight channel pairs in the middle of the UHF land mobile radio band (450 to 470 MHz), the GMRS resides in what is most likely the most expensive real estate in the world.

II. A brief history.

The GMRS used to be known as the Class A Citizens Band. For a long time the high cost and scarcity of UHF radio equipment kept the GMRS beyond the reach of most individuals. Since few individuals were actually using the GMRS, the FCC allowed commercial users on the band.

Over the years a few radio products targeted at individual GMRS users appeared, but none were a big success.

Things have changed dramatically. Several generations of solid state UHF equipment have now come and gone, and reliable commercial gear is both affordable and practical. As businesses and government agencies migrate towards the 800 MHz band, well maintained used gear is available at most radio dealers and flea markets.

Recognizing the rapid growth in individual use, the FCC stopped licensing commercial users on GMRS channels in 1978. Businesses licensed in the GMRS before 1978 can continue to renew their licenses, but no expansion, modifications or license changes are permitted. Since 1978, commercial use of the GMRS has declined as individual use has steadily increased.

III. Who can use it ?

GMRS licenses are only granted to individuals 18 years of age or older. Partnerships, corporations, associations or other non-individuals are not eligible.

A great feature of the GMRS is that members of the licensees immediate family living in the same household are covered by the same license. There is no minimum age requirement for using GMRS. This is Family Radio!
There are few restrictions on what you can use GMRS for. Licensees (and their family) may use GMRS for any legal purpose, business or personal, except broadcasting.
It's important to note that businesses licensed in the GMRS before 1978 may continue to use it pursuant only to their originally licensed activity, and only employees of the business may operate their radios. Since only family members are allowed to use post-1978 licenses, new commercial use of the GMRS is effectively blocked. (A possible exception is the small business where all employees are family members.)

IV. Technical Details.

In general, the GMRS is operated and managed like the other land mobile services. GMRS license applications are submitted on FCC form 574, the same form used by part 90 (business and public safety) applicants.
Technical standards for equipment are essentially the same as well, the major exception being a 50 watt maximum power limitation in the GMRS.
There are eight primary frequency pairs allocated to the GMRS:

462.550 467.550 MHz
462.575 467.575
462.600 467.600
462.625 467.625
462.650 467.650
462.675 467.675
462.700 467.700
462.725 467.725

The higher frequency is used for repeater inputs.
As the rules now read, a GMRS license is granted for only one or two of these primary pairs. Additional pairs could be obtained by licensing different adult family members on different pairs.
The 462.675 channel pair has a special attribute: it may be used by any GMRS licensee for emergencies, civil defense or receiving or rendering travelers aid. You don't need to be licensed specifically on '675 to take advantage of this. This feature was implemented by the FCC to accommodate groups such as REACT (remember those guys who used to be on CB channel 9?). The 462.675 channel is monitored just about everywhere in the U.S., and national directories are available listing groups providing services to travelers. In northern California, REACT repeaters can be found on Mt. San Bruno, Monument Peak and Sacramento.
In addition to the one or two main channels you may be licensed for, family GMRS licensees may use any of the following seven

split channels in simplex mode with 5 watts maximum power:

462.5625 MHz
462.5875
462.6125
462.6375
462.6625
462.6875
462.7125

V. How easy is it to get a license ?

Fill out FCC form 574, send them $35.00 and wait 30 to 45 days. There are no tests, and no expensive frequency coordination or engineering studies are required either. Temporary operation while your application is pending is possible, see part 95 for details.

VI. What equipment can be used ?

FCC rules require that transmitters must be type accepted for use in the GMRS. Almost all type accepted commercial UHF (450 to 470 MHz) radio equipment is also type accepted for GMRS.
It is definitely NOT legal to use outbanded ham gear in the GMRS. Beside the legal issue, most 440 ham gear performs poorly above 450 MHz, and shouldn't be considered.
The rules state that the licensee is responsible for maintaining his GMRS own equipment. But like the other land mobile services, an FCC license is not required to make transmitter adjustments. If you have the equipment and background, you can maintain your own equipment.
GMRS rules require that all transmitting equipment be type accepted (and unmodified). Other station equipment such as receivers, repeater controllers and accessories must meet the technical standards of part 95, but need not be FCC type accepted. This gives the licensee considerable flexibility when putting a GMRS system together.
There are many sources of good radio gear that can be used on GMRS. New equipment is always nice, but there is so much used equipment available it's hard to pass up - if you're a savvy buyer and technically inclined. The ham radio flea markets are also a good source. Commercial gear has always been popular with hams because of it's reliability and availability of replacement parts. Most radio shops (see the Yellow Pages) take radios in on trade from time to time, and will be happy to set you up with a decent unit and a guarantee.
One issue to watch is whether radios are crystal controlled or synthesized. Synthesized units are more expensive, but can be programmed by a radio dealer to operate on your channel(s). Dealers will usually program a radio for free when you buy it, or change a nominal fee (typically $25) if you bring one in. On the other hand, crystal controlled radios require a pair of crystals

for each channel. Crystals cost between $15 and $30 a pair, usually require two or three weeks for delivery, and need to be fine tuned with a frequency counter when installed. Radio dealers have been known to charge $100 a channel for crystal installation. Unless you have the test equipment, experience and patience for crystals, the lower cost of these units may not be worth it. Another thing to look out for is how many channels a radio has. Since you can legally operate on up to ten different GMRS channels under a single license, you might want to look at radios with at least four to six channel capability.

VII. Who is using GMRS ?

Punch up any GMRS channel on your scanner and you'll hear lots of activity. During the day, expect to hear some pre-1978 licensees such as delivery trucks, security companies, etc. During the commute hours, you'll hear people calling home to find out what's for dinner, coordinating trips to the grocery store or chatting about how their day went. The '675 channel is especially busy during rush our in any of the major metropolitan areas.

VIII. Repeaters on GMRS.

Although all of the typical configurations are permissible in the GMRS (base stations, mobiles, control stations, fixed stations, pagers, etc), most GMRS users license themselves as mobile units and share a repeater. High altitude GMRS repeaters exist just about everywhere other transmitters are located. These sites provide excellent coverage over very large geographic areas.
FCC rules permit repeater owners to allow other licensees to use their facilities on a non-profit, cost-shared or reciprocal basis. You should be able to find a repeater with reasonable coverage for much less than $20.00 per month, in some cases as little as $5.00 per radio per month.
It should be noted that all GMRS repeaters use subaudible tones (PL) to control access. Digital Private Line (DPL) is in use on some repeaters in the Bay Area.

IX. Paging and Interconnect.

Voice paging is permissible in the GMRS (tone only or digital is not). Interconnection of GMRS transmitters to the Public Switched Telephone Network is not permitted. This means you can't use GMRS like a cellular phone.

4851. Re: This Week on Spectrum June 4, 1994

Newsgroup: rec.radio.scanner
Date: 1994-06-10 00:59:03 UTC
From: lgbiede@ptsfa.PacBell.COM
Message-ID: <1994Jun10.005903.24262@ptsfa.PacBell.COM>
Source record: 273275
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.pirate

In article <IWxyjGG8yHh5065yn@dorsai.dorsai.org> bigsteve@dorsai.dorsai.org (Steve Coletti) writes:
>In article <2spikg$r8j@ionews.io.org>, Niel J. Wolfish wrote:
>> >On Saturday June 19'th Spectrum will celebrate its one year anniversary
^^^^^^^^^^^^^^^^^^^
^^^^^^^^^^^^^^^^^^^
>> >with a special show. You'll just have to tune in and find out what
>> >happens.
>>
>> Let me guess.... there will be a special interview with "Kristin Kaye" from
>> her/his/its secret hideout in Paraguay?
>
>Nope, we've got the entire RNI crew comming down and they will do the show
>to the total shock of George at WWCR.

George won't be the only one shocked since Saturday is THE 18th *NOT* the 19th!!!

-Larry-

Larry G. Biedenweg

Voice: (510) 867-5575 |"If common sense is so common then why is
UUNET: lgbiede@ptsfa.PacBell.COM | everybody surprised to see it used"
| -Mark Twain

Disclaimer: The views expressed are not necessarily those of
Pacific * Bell, Pacific * Telesis Group companies,
or anyone else with an ounce of good sense.

4852. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-10 01:17:50 UTC
From: an678@FreeNet.Carleton.CA
Message-ID: <Cr5q9q.5sB@freenet.carleton.ca>
Source record: 273304

In a previous article, dave.milsted@compudata.com (Dave Milsted) says:

>Radio Shack sends out teams of people to check on the sales people to make
>sure that they are asking people for their names and addresses. They also want
>to see if the sales people are tring to get you to buy more than 1 thing. The
>management hates to see sales tickets with just one thing on it. The team in
>South Jersey were call Hooper & Hawkins.

That's right...I had forgotten about the dreaded "shoppers"...funny thing,
when I worked at RS we could usually figure them out, and verified it when
we saw the tickets we wrote for their purchase!

4853. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-06-10 01:23:24 UTC
From: shc@mt747.mt.att.com
Message-ID: <Cr5qJ0.5rz@nntpa.cb.att.com>
Source record: 273303

In article <2t7o5g$4tf@dancer.cc.bellcore.com>,
sohl,william h <whs70@dancer.cc.bellcore.com> wrote:
>In article <Cr0I2u.5B3@ucdavis.edu>,
>TERMINATOR3 <jdwong@tomatillo.engr.ucdavis.edu> wrote:
>>I already saw a post that scanners are illegal to use in NY.
>>Are scanners illegal to use in CA vehicles?
>>I'm a ham radio operator, so I'm wondering whether HAM radios
>>are affected.
>
>The list of states which prohibit scanners in vehicles is only
>about 6 or 7, and all of those states specifically exempt hams
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
What are these states ? Can you list them out if you know it ?

>from those laws. Likewise, the FCC resently issued an ruling
>which preempts ALL state and local legislation that would
>in any way prohibit the use of ham radio transcievers in
>vehicles, etc.
>
>Hope that helps.
>
>Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.
>---
>Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
>Morristown, NJ email via UUCP bcr!cc!whs70
>201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

==
| Stephen Chu |
| AT&T Bell Labs Internet: shc@mt747.att.com |
| Holmdel, New Jersey USA |
==

4854. Re: Icom R-100 Antenna Inputs.

Newsgroup: rec.radio.scanner
Date: 1994-06-10 02:06:10 UTC
From: crisp@netcom.com
Message-ID: <crispCr5sIA.3q3@netcom.com>
Source record: 273312

In article <2sh4gj$gdl@news.delphi.com> jbeal@news.delphi.com (JBEAL@DELPHI.COM) writes:
>I have a friend who has an Icom R-100 mounted in his car and has 3
>antanneas on the back as there are 3 inputs on the R-100 for different
>bands. Does anyone know if there is some kind of "triplexer" so he can do
>away with 2 of the antennas? His car looks like the FBI now and he would
>like to clean up the appearance but still have decient reception.
>
>Thanks in advance!!!
>
>

Of course the fact that the R100 has three antenna inputs is one of the
nice features of the receiver that helps it have optimized front ends
for the various bands. Since your friend is more concerned about looks
than performance, why doesn't he just short the inputs together so he
has a single antenna and the performance of a cheezy AOR?

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

4855. World cup frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-06-10 02:26:27 UTC
From: alberg@hudlink.hoboken.nj.us
Message-ID: <DF89tA4EBh107h@hudlink.hoboken.nj.us>
Source record: 273307

Lucky me - I live in Hudson county, NJ where we are eagerly awaiting
the influx of rowdy soccer fans from all over the world. Any suggestions
for freqs to monitor to check out the action? I'm especially interested
in NJ State PD and other non-local depts involved.

AdTHANKSvance

Al

--
==
Al Berg | alberg@netlan.com | When cryptography is illegal, only
| alberg@hudlink.hoboken.nj.us | criminals will XF4gjwWq#vbdDGh#*!
==

4856. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-10 02:42:21 UTC
From: moy@xp.psych.nyu.edu
Message-ID: <9406100246.AA29818@xp.psych.nyu.edu>
Source record: 273305

```
]
]sbrackstone@cc.memphis.edu wrote:
]: Am I the only one who remembers fondly Allied catalogs before it became
]: Allied-Radio Shack, and totally destroyed a really good, comprehensive
]: source of electronic and supplies?
]
]The next thing you know, you're going to have us waxing sentimental over
]Radio Row in downtown Manhattan!

Wax on! I coveted the Allied *Industrial* catalog when I was a kid.
And I built my share of Knight-Kits, not the least of which was a
"Star Roamer" 5-tube set.

I used to go to RS just for the "IBM computer boards" full of
transistors at 8 boards for a dollar. Beats buying (then expensive)
2N107's at Sylvan-Wellington or Grand Central Radio! Lafayette,
Advance, and Harvey Electronics were just around the corner on 45th
street, too. And THEN, there was Canal Street...

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University
```

4857. Exotic frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-10 02:54:43 UTC
From: moy@xp.psych.nyu.edu
Message-ID: <9406100258.AA29889@xp.psych.nyu.edu>
Source record: 273306

```
]From: srogers@uqac.uquebec.ca (Suzanne Rogers)
]
]Hi all,
]
]I recently received my brand new Yupiteru MVT-8000 and immediately
]started to hunt the "new and unknown frontiers" of the frequency world.
[...]
]
]Well, just thought I'd share that we you. If you've personnally
]experienced your home lamp, tv, heating system or otherwize exotic
]"frequency", please share it so I don't feel stupid AND alone...
]
]Hesitating on posting my .sig.........
]
]Ah well, here goes:
]
]--
] //\\
]------------------- // \\ ------------------------
]Susan Rogers \\
]Universite du Quebec a Chicoutimi \\ = = > srogers@uqac.uquebec.ca
]
]
```

Hi Susan,

NOT stupid at all--it's unbelievable just WHAT'S radiating away out there.

My best "exotic" was back in my ham days. In New York City, on 15 meter SSB phone, I could hear a long-winded, mechanical sounding sequence of trills, squeaks, I-can't-describe-what "song" going on forever at around 21.4 MHz. Mind you, this was DIFFERENT from the usual cacophony of weird noises you often get on shortwave. I had this "tune" permanently etched in my brain, I listened to it so much.

The "transmission" remained a mystery until I had the privilege of touring the IBM 360/95 (when computers had CONSOLES) installed at the Institute for Space Studies a couple of blocks away. There it was, separate from all the other impressive hardware that made up the System/360, what was described as a "BOM tester"--a giant widget for diagnosing and testing the semiconductor memory units then being used. Its many console lights were flickering away in stereotypical computer fashion--to the same rhythm/tune as that song I had been hearing!

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

4858. Re: latest DAK catalog...

Newsgroup: rec.radio.scanner
Date: 1994-06-10 04:00:08 UTC
From: k1lho@aol.com
Message-ID: <2t8og8$lps@search01.news.aol.com>
Source record: 273313

In article <2n02u2$bqt@umcc.umcc.umich.edu>,
lbutler@umcc.umcc.umich.edu (Les Butler) writes:

How does Calif. regulate radio reception? Does't this come under FCC
jurisdiction?

4859. Re: Getting a commercial FM station at 30.xxx MHz on scanner.

Newsgroup: rec.radio.scanner
Date: 1994-06-10 04:09:40 UTC
From: craig@yonder.equinox.gen.nz
Message-ID: <H.eg.T6vYG5oJkt_@yonder.equinox.gen.nz>
Source record: 273324

In <69062@sdcc12.ucsd.edu>, John Ross writes:
>
> I've noticed that recently in the late evening, around 11
>pm, that commercial FM station 94.1 has been coming in at 30.xxx MHz
>on my scanner! This only happens during the late evening, and the
>reception varies from being crystal clear to very garbeled. I've
>got a Radio Shack Pro 2030 hooked up to a TV antenna,

I get the same on my Yupiteru MVT-7000 in certain places, work being
one of them. I can get one station very faintly at home, but many
clearly (as if it's their broadcast freq) at work.

I wouldn't have a clue why.

Craig.
--
:: Craig Shore. Phone +64 3 385-6554 (Christchurch, New Zealand.) ::
:: (CraigS on IRC) ::

4860. Stupid Cell Phone call

Newsgroup: rec.radio.scanner
Date: 1994-06-10 04:16:24 UTC
From: craig@yonder.equinox.gen.nz
Message-ID: <H.eg.U_hixsbG8YA@yonder.equinox.gen.nz>
Source record: 273323

I just listened to a guy demonstrate total stupidity on his
cell phone about 10 mins ago. He was recording his message
on the cellular secretary service (it answers the calls, playing
back your message, then recording the callers like an answerphone
whenever you have your cell phone turned off), which was amusing
to listen to as he had about 6 goes at it before he was happy with
it, i.e. he was repeating his name and business, then, something
I couldn't believe, he went and changed his password on the service.
You key that in (Touch tones), and the service repeats the numbers
back to you for verification!
That meant I had the guys name, and password!! Wouldn't be too hard to
track down his cell phone number!

Craig.

--
:: Craig Shore. Phone +64 3 385-6554 (Christchurch, New Zealand.) ::
:: (CraigS on IRC) ::

4861. Re: World cup frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-06-10 04:51:27 UTC
From: x90diget@wmich.edu
Message-ID: <1994Jun10.005127.18690@wmichgw>
Source record: 273318

In article <DF89tA4EBh107h@hudlink.hoboken.nj.us>, alberg@hudlink.hoboken.nj.us (Al Berg) writes:
> Lucky me - I live in Hudson county, NJ where we are eagerly awaiting
> the influx of rowdy soccer fans from all over the world. Any suggestions
> for freqs to monitor to check out the action? I'm especially interested
> in NJ State PD and other non-local depts involved.
>

Or how about any Chicago and Detroit Freqs?

****
Derek L. Diget Work: 616.388.8519 or
800.878.3882 ext. 8519
Fax: 616.388.5151
Western Michigan University InterNet: x90diget@wmich.edu
****

4862. Re: Javiation still in business?

Newsgroup: rec.radio.scanner
Date: 1994-06-10 06:13:33 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun10.061333.9607@hpcvaac.cv.hp.com>
Source record: 273315

drbranine@delphi.com (David Branine) writes:
: Well, I e-mailed Mr. Clough at least twice, maybe 3 times without the
: courtesy of a reply.

Yeah, I have had the same problem.

Bill

4863. Re: ARE ALL CELLULLAR PHONE MONITORINGS ILL

Newsgroup: rec.radio.scanner
Date: 1994-06-10 06:55:13 UTC
From: amigo@coho.halcyon.com
Message-ID: <2t92oh$mvs@nwfocus.wa.com>
Source record: 273314

Joe_A._Walker@aardvark.bah.rochester.ny.us (Joe A. Walker) writes:

>It is illegal to monitor Cellphones, Pagers, commercial radio and tv studio to
>transmitter links. this includes control, GOES and data signals as well
>** Via the Aardvark Burrow BBS - 1-716-383-1372**

The question is who is going to enforce such a stupid law? The law
from back in 1936 is the most specific, and is more reasonable:

(to shorten it up a bit):

Its legal to monitor any transmission so long as the listener does
not reproduce (re-broadcast or record), and does not reveal the contents of
the information being recieved -- basically listens for amusement only.

This country is becomming _FULL_ of stupid laws -- why can't they
put some reasonable ones in the books?
Secondly -- why did it take congress/FCC so long to pass the
law on cellular frequencies? Most stuff is digital now anyhow, so the
point of removing those frequencies is almost a waste..
In my opinion, this is still America -- at least I hope.. to listen
and not use it for anything but fun should still be legit.

--> Scott

4864. Re: Mobile Scanners illegal in WHICH states?

Newsgroup: rec.radio.scanner
Date: 1994-06-10 07:31:27 UTC
From: x90diget@wmich.edu
Message-ID: <1994Jun10.033127.18694@wmichgw>
Source record: 273319

In article <Cqr0IB.H42@nntpa.cb.att.com>, shc@mt747.mt.att.com (14035-S.CHU(MT5712)XXXX) writes:
>
> Can anyone post the states which has illegalized mobile scanners?
>
> Thanks in advance...
>
> ==
> | Stephen Chu |
> | AT&T Bell Labs Internet: shc@mt747.att.com |
> | Holmdel, New Jersey USA |
> ==

In Michigan is is illegal to have a scanner in you car UNLESS you have a ham license.

****
Derek L. Diget Work: 616.388.8519 or
800.878.3882 ext. 8519
Fax: 616.388.5151
Western Michigan University InterNet: x90diget@wmich.edu
****

4865. Scanner news

Newsgroup: rec.radio.scanner
Date: 1994-06-10 08:12:38 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.288.00083627@ccm.hf.intel.com>
Source record: 273321

Some interesting rumors from CIS!

Subject: #SCANNER UPDATE! - Msg Number: 274242
From: Jeff Goldman 76703,4224
To: All
Forum: HAMNET Sec: 02-VHF/UHF Scanning
Date: 03-Jun-94 10:39:50

Here's the latest info from RS & Uniden (unofficially, of course <g>):

Fifteen of eighteen scanners in the new RS catalog will be NEW. That's up from the fourteen that were going to be new. The modifiable Pro2032 will be killed off and a revised unmodifiable version will be coming out.

Future Pro51s and Pro23s WILL NOT BE CELLULAR CAPABLE via the test mode! RS realizes that the July issue of Monitoring Times will no doubt have the test mode info and RS is sure that the FCC will act on it. So, Tandy has ordered Uniden America to delete the cellular test freq from those two scanners. THEREFORE, IF YOU WANT A CELLULAR-CAPABLE PRO51, GRAB IT NOW! You can use one of those 10% Off New Item coupons from a catalog until the end of June. Or you can use a Preferred Customer Card. Or get the scanner from Marymac for only $259 delivered.

I talked with someone at Uniden America today who knew about this "back door" method, but says that people shouldn't repeatedly go into the test mode since it's a reboot of the scanner and may blow the CPU. He stressed that the warranty doesn't cover this. Luckily, people with a Pro51 need only do this once.

The 1000 channel RS base is still on schedule to be available by the time the catalog is released.

By the way, I got unofficial verification from Uniden that the new scanner will be called the BC3000XLT and will have various fixes of BC2500XLT problems. I was told, however, that when Uniden fixed the battery drain problem (and evidently gave away free batteries) that they also fixed an "overload" (ie intermod) problem in the 400MHz range, as well as fixing the audio.

Finally, it turns out that the 6 BC220XLTs that were received by distributor Talley Communications in Northern California on Thurs Apr 28, and then by their 3 dealers the next day were not regular production scanners!!! Evidently, Uniden makes it a common practice to have a "60 day shakeout period" for new models to find potential problems. They figure that scanner nuts will be the ones to grab these and will immediately complain to the dealers about any problems, who will in turn tell Talley, who'll tell Uniden. My connection at Uniden said that NO changes were made to the actual production units.

So, Uniden has released the production SC150s, is about to release the production BC220XLTs, and will shortly be releasing the low end BC120XLTs.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4866. AR1000xlt

Newsgroup: rec.radio.scanner
Date: 1994-06-10 10:39:18 UTC
From: jason.al-shawy@ectech.com
Message-ID: <9406130805141@ectech.com>
Source record: 273139

I got a scanner. Do you have any cool freq in corona,ca area?

4867. Re: PRO-2027 mods

Newsgroup: rec.radio.scanner
Date: 1994-06-10 12:18:44 UTC
From: rfhamilton@VNET.IBM.COM
Message-ID: <19940610.052831.190@almaden.ibm.com>
Source record: 273317

A friend purchased a PRO-2027 and was told it was cellular restorable.
I've looked on several ftp sites for mods without success. There was a
prior posting here but, I really wasn't sure if it pertained to the 2027. ===== Any info
would be appreciated.

4868. Re: JPOLE.EXE calculates measurements of antenna for desired freq v1.1

Newsgroup: rec.radio.scanner
Date: 1994-06-10 12:46:04 UTC
From: edh@hpuerca.atl.hp.com
Message-ID: <edh.771251638@hpuerca>
Source record: 273320
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.antenna,fj.rec.radio,rec.radio.shortwave

The following uses a calculator to give you the 1/4 wave section
of a 1/4 GP antenna or "short" section of a J-pole. I use a
velocity of propagation factor of .91 and center frequency of
146 megahertz; for those with programmable calculators, assign
variables here :-)

(((((300 x .91) -:- 146) -:- 4) -:- 2.45) x 100)

Results in inches (19.08... in this example) for the 1/4 section.

For real fun use the expression with variables in a #DEFINE in
a c program and then pull the result out of the middle of some
string i/o functions later :-)

Cheers & 73
Ed Humphries N5RCK
HP Atlanta GA

4869. Re: Listening in the car

Newsgroup: rec.radio.scanner
Date: 1994-06-10 13:53:27 UTC
From: jkearman@arrl.org
Message-ID: <1994Jun10.135327.2512@arrl.org>
Source record: 273252

JBielick (jbielick@aol.com) wrote:
: I found that a good way to listen to the scanner while driving in the
: car is to hook up a cassette adapter (intended for listening to
: portable CD players) to the earphone jack of the scanner. This way,
: you can listen to the scanner through your car stero amplifier.

Radio Shack sells such a gizmo; other stores that sell portable CD players probably do, as well. I'd be concerned about long-term operation of the cassette player. The pinch roller is rubbing against the capstan with no tape in between. This may be a non issue.

In some mail order catalogs though, I've seen gadgets like the recently discontinued Silent Play (another product from the folks you love to hate): An FM transmitter that plugs into your cigarette lighter socket and broadcasts your CD player or scanner into the car radio. The one I saw even had a pigtail with a power plug that mated to a CD player. I think most portable CD players run on 3 V, so that wouldn't work for a scanner, but you could rig something up. Fortunately, my scanner runs from 12 V so a direct connection to the vehicle electrical system is no problem. Who will be the first to go mobile with a Silent Play. (The Silent Play was an FM BC transmitter and receiver intended for use with video games, so parents could play Jurassic Park without disturbing the children. When Radio Shack dumped them for $19.95 a bunch of us bought them up, much to the amazement of Radio Shack clerks, many of whom had never heard of it. There aren't any left, I have none to sell and I don't know who makes anything like it, so please don't ask.)

Radio Shack also sells an amplified speaker that works well with my portable scanner. It even shuts itself off after a brief period of no signal, only to reawaken when something happens. I find a single speaker on the console makes listening easier than stereo speakers on the sides. Plus, I can listen to Beethoven and the Newington PD at the same time. The Radio Shack DSP filter/amplified speaker looks like a worthy replacement to this setup, but I haven't wired up the cigarette lighter plug yet.

What'll do when manufacturers stop putting cigarette lighters in cars? Okay, wire directly to the battery on your car, but what about rentals?

Good listening.

Jim

4870. Re: are ALL cellullar phone monitorings illegal?

Newsgroup: rec.radio.scanner
Date: 1994-06-10 14:08:11 UTC
From: mike@Hopper.itc.Virginia.EDU
Message-ID: <Cr6pxn.MG9@murdoch.acc.Virginia.EDU>
Source record: 273232

In article <1994Jun8.054952.10864@hpcvaac.cv.hp.com>,
bill nelson <billn@hpcvaac.cv.hp.com> wrote:
>The law is on the books. However, that means little. I do not believe it has
>been tested in the Supreme Court. Nor is it likely to be, as the law is
>impossible to enforce in the first place - and not worth pursuing prosecution
>of anyone who decides to fight the charge in court.

It would be very hard to defend a prohibition on monitoring signals
that are travelling through public property and through your own
body even. Cell phones transmit "in plain sight" - they should
use (SIMPLE TO IMPLEMENT) encryption if they want privacy, just like
the men in blue nylon.

I will listen to and record cell phone converstations and love
every minute of it until they aren't beamed around the city
for me to hear.
--
Mike Chapman mike@hopper.itc.virginia.edu ...!virginia!doxy!mike
mike@onyx.pvcc.cc.va.us mike@w3eax.umd.edu

4871. Re: ABC Nightline story on cellphone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-06-10 15:23:37 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.292.000F653E@ccm.hf.intel.com>
Source record: 273238

In article <2tahqb$mek@foghorn.cc.utexas.edu> streak@foghorn.cc.utexas.edu (Streak) writes:
>In article <2ta9op$bb6@gv-gate.gvg.tek.com>,
>Randy Hall <randyh@gvgadg.gvg.tek.com> wrote:
>>What was interesting was the fellow's cellphone monitoring setup. He had a
>>program on his pc that was connected to an Icom receiver and probably some
>>data/modem box that was able to decode the cell control information and
>>use that to control to Icom to follow the cellphone handoff to another
>>frequency. It was also displaying other data related to the cellphone on
>>the pc's screen. There was an AEA PK-232 and some other equipment all
>>stacked together. They mention that the program on the pc was downloaded
>>from a BBS. Is anyone familiar with what that setup was and how it all
>>works?

>I would like to know this also....monitoring cellular is easy, but he
>looked like he had hundreds of dollars of equipment there, not just a
>simple scanner.

>It sounded like he was picking up the digital part of the initiation (the
>esn maybe?)
>It was neat..he could track one person's esn...I wanna know how he did this.

There are 2 places that I have seen sell cell tracking boxes. One in Canada and the other in Wisconsin (I think). The box costs about $450. I think I remember Richard Crisp selling one a while ago, so maybe he has experience with it. It allows you to track phone calls from cell to cell because the control data is on the same freq as the audio (that little chirp you hear just before the call switches). The software from the show did not come from a BBS, but there is a simulation program that is on a BBS, so maybe thats what he was referring to. I had the demo software at one time, but don't know if its still around. I think saying that the software came from a BBS is just media scare-tactics: trying to make people belive that anyone can download this and monitor cell calls. This way, the cell users get all worked up and start scraming that a law should be passed to prevent this!! Here we go again...

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4872. Re: Why is the Pro-2006 D503 mod available?

Newsgroup: rec.radio.scanner
Date: 1994-06-10 15:42:55 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Jun10.154255.3005@rsg1.er.usgs.gov>
Source record: 273322

In article <robinett.16.00132CD4@cscns.com>, robinett@cscns.com (Rob Robinette) writes:
|>
|> Why intentionally slow the scanner? The same reason you intentionally limit
|> the number of memories. The RS 200X scanners can be modified for marketing
|> reasons. The manufacturer can easily "upgrade" the scanner is a year or so by
|> removing diodes. I don't think RS wanted the public to know about these mods.
|>
|> Rob Robinette

Intentionally or not, the ability to make many mods to the PRO-2004/2005/2006
have made them a 'cult scanner'. If these scanners were not easily modified,
I suppose their features would still make them popular, but not as much. If
they were smart, they would intentionally design in dozens of 'hidden'
features which lure buyers into voiding their warantees...

--
++
+ Tom Bodoh - Section Manager, Systems Engineering and Management, Hughes STX +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) Amateur radio call; N0YGT +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

4873. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-06-10 16:04:32 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Jun10.160432.4066@rsg1.er.usgs.gov>
Source record: 273225

In article <0005713E.fc@aardvark.bah.rochester.ny.us>,
Joe_A._Walker@aardvark.bah.rochester.ny.us (Joe A. Walker) writes:
|> To my knowledge the law that bans scanners does NOT apply to hams. I will post
|> part of the law when i find it.
|> ** Via the Aardvark Burrow BBS - 1-716-383-1372**

The exemptions were written for 'amateur equipment' which may be deemed by
a cop not to include scanners. Many copy would not know or care about the
difference, but some might...

--
++
+ Tom Bodoh - Section Manager, Systems Engineering and Management, Hughes STX +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) Amateur radio call; N0YGT +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

4874. Re: Listening in the car

Newsgroup: rec.radio.scanner
Date: 1994-06-10 16:48:43 UTC
From: mtiernan@world.std.com
Message-ID: <Cr6xD8.D6M@world.std.com>
Source record: 273226

Brett Miller - N7OLQ <brett_miller@ccm.hf.intel.com> wrote:
> Don't forget you can use your Silent Play (from RS) and just tune in your
> scanner on the FM radio! No wires hanging from the radio.
Is this the power adapter that transmits on the IF of the radio?
That's what I want. The cassette thing is nice but I dont' want
to wear down my good cassette deck with it running while I'm
listening.
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

4875. ABC Nightline story on cellphone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-06-10 18:00:57 UTC
From: randyh@gvgadg.gvg.tek.com
Message-ID: <2ta9op$bb6@gv-gate.gvg.tek.com>
Source record: 273227

I was watching ABC's Nightline last night (Thursday). It was about the invasion of privacy and such. Most of the show was about people using computers to access various data bases to gain information about people. They also showed how people can listen to cell calls.

What was interesting was the fellow's cellphone monitoring setup. He had a program on his pc that was connected to an Icom receiver and probably some data/modem box that was able to decode the cell control information and use that to control to Icom to follow the cellphone handoff to another frequency. It was also displaying other data related to the cellphone on the pc's screen. There was an AEA PK-232 and some other equipment all stacked together. They mention that the program on the pc was downloaded from a BBS. Is anyone familiar with what that setup was and how it all works?

Part 2 of this story is on tonight, check your local listings for time and channel.

Inquiring minds need to know,

Randy

4876. NJ State Police Trunked System

Newsgroup: rec.radio.scanner
Date: 1994-06-10 18:10:21 UTC
From: judice@sulaco.enet.dec.com
Message-ID: <2taaad$bd2@nntpd.lkg.dec.com>
Source record: 273228

I haven't listened to this system in a while, but did the other day. Used be there was a logical order to the assignment of frequencies (I believe each part of the state had five frequencies, one of which was for trunking data - and this channel moved occasionally.)

Now it is much more confusing. Is there rhyme or reason to it, or is it intended to confuse listeners?

Thanks!

/ljj

4877. Re: ABC Nightline story on cellphone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-06-10 18:17:37 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.293.00124BB0@ccm.hf.intel.com>
Source record: 273245

In article <2tarmp$6ts@search01.news.aol.com> ligosa@aol.com (LIGOSA) writes:

>In article <2tahqb$mek@foghorn.cc.utexas.edu>,
>streak@foghorn.cc.utexas.edu (Streak) writes:

>Could anyone recognize what kind of Handheld scanner the guy had ?
>Black w/2 anttennas ?

I didn't see the show, but the Icom 2SRA (& 4SRA) is the only hand held I know of that has two antennas (both black, one about 6" high and a thinner one about 10" high).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4878. Re: R-7000 Mod. info needed

Newsgroup: rec.radio.scanner
Date: 1994-06-10 18:26:28 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <2tab8k$lbn@ndlc.occ.uky.edu>
Source record: 273229

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: In article <2t6o5a$86o@search01.news.aol.com> brasshat@aol.com (Brass Hat) writes:

: > **** The time has come to rework my R-7000****
: >
: > Form time to time I have heard of mods. for the R-7000.
: > I'm looking for any articles, Info, Drawings and anyone that has
: >Upgraded their unit.
: > Parts, test equiptment needed or complexity of the mod, is no
: >problem.
: > I have the serial interface for my MAC by RCSS. If there is any
: >better software out there I would like to know. Someone will have a
: >copy.

I have a collection of articles from Monitoring Times and International
Radio's Icom Newsletter. They cover the scan delay mod, building a whip
antenna, eliminating the hiss in the earphone, RC-12 modifications,
computer control commands, and also info on a HF adapter board that I
bought from ARE Electronics (adds .5-30 MHz as a second "bank" of operation).

--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

4879. Re: Icom R100

Newsgroup: rec.radio.scanner
Date: 1994-06-10 18:27:45 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.294.001276FE@ccm.hf.intel.com>
Source record: 273246
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <2tasos$36i@panix.com> adam@panix.com (Adam Epstein) writes:

> So this is a second attempt. I'll also add that I seem to remember
>that there was a series of several Icom wideband receivers (possibly
>including the R1 and the R100) which were not too well received (no
>pun intended). I recall hearing about problems with important
>characteristics like selectivity. Is there any truth to this
>(specifically with respect to the R100)?

I think this scanner is not that popular because of its price/features ratio. The specs on this unit are great, but HF coverage without SSB is of limited interest to many. So we are really left with a VHF/UHF scanner. But the R100 isn't much of a scanner, its more of a comm receiver. Programming is typical Icom - lots of button pushing for simple operations. If I remember correctly there are no "banks" of channels, which is standard now for scanners. If you want a small comm receiver, that can scan in a pinch, then this unit is great. But most people opt to spend more and get the "He-Man" R7100. I have been tempted to get one several times, but I just don't know what I would use it for. Listening to satellites while mobile?

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4880. Frequencies Wanted - Motorola Bicycle Racing

Newsgroup: rec.radio.scanner
Date: 1994-06-10 18:59:27 UTC
From: CESTES@argos5.argosinc.com
Message-ID: <940610185927.202067a9@argos5.argosinc.com>
Source record: 273230

Hi all...

I'm an avid scanner listener and bike race fan. For the past couple of years, the Motorola bike team has been "wired for sound." The riders all carry radios so they can communicate with their coaches during the race. Does anyone know the frequencies that they are using with these radios?

TIA...

-Chris Estes-
cestes@argos5.argosinc.com

4881. Re: World cup frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-06-10 18:59:28 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2tad6g$2m2@bigfoot.wustl.edu>
Source record: 273124

Derek L. Diget (x90diget@wmich.edu) wrote:
: In article <DF89tA4EBh107h@hudlink.hoboken.nj.us>, alberg@hudlink.hoboken.nj.us (Al Berg) writes:
: > Lucky me - I live in Hudson county, NJ where we are eagerly awaiting
: > the influx of rowdy soccer fans from all over the world. Any suggestions

: Or how about any Chicago and Detroit Freqs?

Or Dallas/Fort Worth?

4882. Wanted: Rochester, NY freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-10 19:01:56 UTC
From: Joe_A._Walker@aardvark.bah.rochester.ny.us
Message-ID: <00057D2F.fc@aardvark.bah.rochester.ny.us>
Source record: 273249

Does anyone have frequencied for the Rochester, NY area? I would like some for 115-180, 300-512, and 800-1000mhz.
** Via the Aardvark Burrow BBS - 1-716-383-1372**

4883. Re: Stupid Cell Phone call

Newsgroup: rec.radio.scanner
Date: 1994-06-10 19:02:06 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2tadbe$2m2@bigfoot.wustl.edu>
Source record: 273025

Craig Shore (craig@yonder.equinox.gen.nz) wrote:
: I just listened to a guy demonstrate total stupidity on his
: cell phone about 10 mins ago. He was recording his message
: on the cellular secretary service (it answers the calls, playing
: back your message, then recording the callers like an answerphone
: whenever you have your cell phone turned off), which was amusing
: to listen to as he had about 6 goes at it before he was happy with
: it, i.e. he was repeating his name and business, then, something
: I couldn't believe, he went and changed his password on the service.
: You key that in (Touch tones), and the service repeats the numbers
: back to you for verification!
: That meant I had the guys name, and password!! Wouldn't be too hard to
: track down his cell phone number!

Well, I was about to chastize you for breaking the law by listening to
cel phone and bragging about it, but I noticed you're a .nz address.
For all you people in the U.S., remember that it's illegal to listen to
cel phone in *this* country. Not that it'd hurt to be able to. . .

4884. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-10 20:05:59 UTC
From: stokes@origin.ea.com
Message-ID: <stokes.6.2DF8C7A7@origin.ea.com>
Source record: 273256

>Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
>: Oh, and not to forget . . . RS salespeople have this annoying (to many)
>: habit of asking you for your name and address for their computers.
>: They've become slightly lower key about it, but at one time, I was told,
>: RS handed out awards if salesmen had a perfect month, that is, they
>: collected the name and address of every customer. It then became great
>: fun going in around the 28-th and refusing to give your name and address
>: just to drive the saleman wild. Some salemen would make up names and
>: addresses just to keep their string going.

>Radio Shack employees are REQUIRED to maintain a percentage of 80% or
>higher names and addresses on tickets. Failure to maintain that number
>could result in termination.

Yesterday evening I was in a Radio Shack when a new employee was being trained on how to use their Point of sale system to ring up customers.

The manager explained that he should enter the name and address whenever possible. She said that if it was a cash only sale and the customer refused then it was OK to back down. She said that if he refused and it was a being paid for by check, then he could pretty much copy down the info from the check and drivers license. Finally, if it were a credit card purchase then they were to 'strongly encourage' the customer for their name for their protection.

She didn't mention anything about a quota though it could have been because I was at the counter waiting while this employee was being trained.

As long as they've been using this system I've always been amazed that they don't share the information between stores. I shop at 3 different RS stores in this city.

Perry Stokes | The views expressed in this message do not
stokes@origin.ea.com | reflect those of my employer.
512-397-9536 |

4885. Re: ABC Nightline story on cellphone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-06-10 20:18:19 UTC
From: streak@foghorn.cc.utexas.edu
Message-ID: <2tahqb$mek@foghorn.cc.utexas.edu>
Source record: 273233

In article <2ta9op$bb6@gv-gate.gvg.tek.com>,
Randy Hall <randyh@gvgadg.gvg.tek.com> wrote:
>What was interesting was the fellow's cellphone monitoring setup. He had a
>program on his pc that was connected to an Icom receiver and probably some
>data/modem box that was able to decode the cell control information and
>use that to control to Icom to follow the cellphone handoff to another
>frequency. It was also displaying other data related to the cellphone on
>the pc's screen. There was an AEA PK-232 and some other equipment all
>stacked together. They mention that the program on the pc was downloaded
>from a BBS. Is anyone familiar with what that setup was and how it all
>works?

I would like to know this also....monitoring cellular is easy, but he
looked like he had hundreds of dollars of equipment there, not just a
simple scanner.

It sounded like he was picking up the digital part of the initiation (the
esn maybe?)
It was neat..he could track one person's esn...I wanna know how he did this.

--
email: streak@mail.utexas.edu * Jason Williams -- Austin, Tx. | |
main-> streak@ccwf.cc.utexas.edu * University of Texas at Austin | ___ |
streak@underg.ucf.org * Electrical and Computer Engineering _|_/
** |

4886. Re: Silicon Valley Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-10 20:26:19 UTC
From: cntrspy@netcom.com
Message-ID: <cntrspyCr77Fw.EGD@netcom.com>
Source record: 273236

=== That's a BIG order, there are hundreds of public safety freqs for
the valley and surrounding areas. Best bet is to call a place
called Scanners Unlimited in San Carlos (415 area code) and mail order
a copy of Bob Kelty's book " Government Radio Frequencies" or just
get a copy of the latest updated Golden Gate edition. As for railroad
and military, some are in the book others are in "Monitor America".

Tandem computers is on 900mhz trunked system and is almost impossible to
monitor.

I would post a few but I would get typers cramp :-)

Barry Chalcroft,2136,x8723,18849, (barryc@mpd.tandem.com) wrote:
: Hi,

: I'm travelling to the Sunnyvale/Silicon Valley area for 2-3 weeks
: and I'd like any freqencies that you may have for that area. I'd
: like police,fire,emergency,amateur radio, US Gov't., railroad,
: military etc. I'd also appreciate the frequencies for Tandem
: Computers. Frequencies for Modesto and the general Bay area would
: also be appreciated.

: 73 and TNX,
: -barryc

: ---
: Barry D. Chalcroft / N5NWI Tandem Computers ISD, Austin,TX
: Work: (512) 244-8723 The Home of "UNIX with Integrity""
: EMAIL: barryc@mpd.tandem.com bchalcroft@delphi.com
: 76500.2177@compuserve.com barryc@cactus.org

--

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//
Chris Hall
Operations Director
Executive Protection Associates, Inc.

Executive Protection, Privacy Protection Strategies for Fortune 500
Executives and Other Interested parties. Off-shore investment and
Second Passport agents.

//

"I' not a lawyer, I just play one on T.V."

Opinions Expressed are those of the author and NOT those of EPAI.

PGP Key available... If you ask nicely...

4887. Re: NJ State Police Trunked System

Newsgroup: rec.radio.scanner
Date: 1994-06-10 20:58:58 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2tak6i$2br@slinky.cs.nyu.edu>
Source record: 273254

```
|> I haven't listened to this system in a while, but did the
|> other day. Used be there was a logical order to the assignment
|> of frequencies (I believe each part of the state had five
|> frequencies, one of which was for trunking data - and this channel
|> moved occasionally.)
|>
|> Now it is much more confusing. Is there rhyme or reason to it,
|> or is it intended to confuse listeners?

I don't know how long a while is, but each time I turn it
on, the rhyme and reason are still there. Troop B in the
north uses the 860-856.4625 and .9625 series, with the
calls progressing backwards by 1MHz being handed off to the
highest entry of the opposite channel set when the lowest is
reached. Troop C is similar with 860-856.2125 and .7125, but
867.7125 replaces 856.7125 (if not, then the 856.2125 is
replaced). I'm not too sure about Troop A as I never get
down that far to pick up stuff anymore. Buses and trunked
telephone calls also appear on a couple of channels in there.

Northstar uses Troop B when not on scene, and occasionally
uses Middlesex County's JEMS1, 155.220 for patient status
reports to RWJUH in New Brunswick.

What's nice is that the Parkway units can be found on
154.905, 155.505, and their input is 158.970. The turnpike
units are on 155.580 (which also happens to be the base
freq for PASP out of Trevose for Lower Bucks County, PA-makes
for a nice handoff from state to state) So, basically you're
left with Routes 78, 80, and a few local routes for the
trunked system. I hardly have a need for it anymore unless
a local agency calls in a bird.
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com
```

4888. Re: R-7000 Mod. info needed

Newsgroup: rec.radio.scanner
Date: 1994-06-10 21:00:40 UTC
From: josephl@clark.net
Message-ID: <2tak9o$28u@clarknet.clark.net>
Source record: 273235

Jim Dantin (jadantin@ndlc.occ.uky.edu) wrote:

: I have a collection of articles from Monitoring Times and International
: Radio's Icom Newsletter. They cover the scan delay mod, building a whip
: antenna, eliminating the hiss in the earphone, RC-12 modifications,
: computer control commands, and also info on a HF adapter board that I
: bought from ARE Electronics (adds .5-30 MHz as a second "bank" of operation).

So what?

--

Joseph A. Liu
Cyber Communications, Inc.
Government Electronics Group
josephl@explorer.clark.net

4889. Re: Alinco Scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-06-10 21:22:54 UTC
From: randolph@est.enet.dec.com
Message-ID: <Cr77G1.FC2@ryn.mro.dec.com>
Source record: 273234

In article <2t5p55$18js@inca.gate.net>, stevem@news.gate.net (Steve Misel) writes...
>I have several friends with Alinco DJ-560's and other Alinco products. I
>have never seen a more upset bunch of radio owners! Problems galore with the
>limited exposure I've had... Stuff like the radio drifting 15kc off
>frequency and goodies like that. Tell your friend that he'll get what he
>pays for.

On the other hand, I've had an Alinco 2m/440 mobile in the car for close to a
year now, with zero problems. Nice radio, $150 cheaper than the snob appeal
brands. Oh, I should say, the mike clip thingy fell off the back of the mike. I
put a lock washer on it.
-Tom R. N1OOQ randolph@est.enet.dec.com

4890. Re: Wanted: Bearcat schematics

Newsgroup: rec.radio.scanner
Date: 1994-06-10 21:39:25 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771307820@f747.n115.z1>
Source record: 273261

-=> Quoting Keith Beckmann to All <=-

KB> From: exe00447@char2.vnet.net (Keith Beckmann)
KB>
KB> Anyone know where you can get schematics for Bearcat (Uniden)
KB> scanners?
KB> I had an 800 #, but it's been disconnected.
KB>
Here is what I got, courtesy of Bill Cheek...

BEARCAT (UNIDEN)
6345 CASTLEWAY COURT
INDIANAPOLIS, IN 46250
317-842-0280

UNIDEN CANADA
200 ABERDEEN DR
LONDON, ONTARIO, CANADA N5V 4N2
519-457-0203 & 800-457-0204

UNIDEN CORPORATION OF AMERICA
6345 CASTLEWAY CT
INDIANAPOLIS, IN 46250
317-842-0280 & 800-428-5340

UNIDEN CUSTOMER SERVICE
9900 WEST POINT DRIVE
INDIANAPOLIS, IN 46250
317-842-1036 & 800-428-5340

UNIDEN PARTS DEPARTMENT
9900 WEST POINT DRIVE
INDIANAPOLIS, IN 46250
317-842-1036 & 800-428-5340

Jerry

4891. Re: WANTED: Stuff in the 216-230Mhz range

Newsgroup: rec.radio.scanner
Date: 1994-06-10 21:41:10 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771307821@f747.n115.z1>
Source record: 273262

SE> I now own a 220Mhz ham radio (handheld), and am planning to perform a
SE> mod to extend its receive range.
SE>
SE> I would like to know:
SE>
SE> 1) What Goverent/Military/Federal services operate within the 220 Mhz
SE> range, and what modes (AM/FM/SSB) do they use?
SE>
SE> 2) Locally to the Eastern Mass. area, what services (any kind) use
SE> this range. Also, what modes?
SE>
SE> Thanks much for any responses.
SE>

The majority of the band from 230 to 396 is for Military aircraft. There
are some satellites in this area that are FM. Sorry I can't get to more
specifics in the short space here.

Jerry

4892. Re: ABC Nightline story on cellphone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-06-10 22:05:57 UTC
From: copeland@metronet.com
Message-ID: <Cr7C1y.B5z@metronet.com>
Source record: 273241

In article <2tahqb$mek@foghorn.cc.utexas.edu>,
Streak <streak@foghorn.cc.utexas.edu> wrote:
>In article <2ta9op$bb6@gv-gate.gvg.tek.com>,
>Randy Hall <randyh@gvgadg.gvg.tek.com> wrote:
>>What was interesting was the fellow's cellphone monitoring setup. He had a
>>program on his pc that was connected to an Icom receiver and probably some
>>data/modem box that was able to decode the cell control information and
>>use that to control to Icom to follow the cellphone handoff to another
>>frequency. It was also displaying other data related to the cellphone on
>>the pc's screen. There was an AEA PK-232 and some other equipment all
>>stacked together. They mention that the program on the pc was downloaded
>>from a BBS. Is anyone familiar with what that setup was and how it all
>>works?
>
>I would like to know this also....monitoring cellular is easy, but he
>looked like he had hundreds of dollars of equipment there, not just a
>simple scanner.
>
>It sounded like he was picking up the digital part of the initiation (the
>esn maybe?)
>It was neat..he could track one person's esn...I wanna know how he did this.

There is a place in Canada that sells such a device for $300 or so
dollars, it requires a computer controller scanner as well.
He has advertise to this group a couple of times in the past.

--

| copeland@metronet.com |

4893. Wanted Charlotte, NC frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-10 22:12:32 UTC
From: enichols@canuck.fx.net
Message-ID: <2taogg$5jr@clt.fx.net>
Source record: 273239

Greetings. I have just move to the Charlotte area and was wondering if anyone knew where I could obtain a list of interesting frequencies for this area. I would appreciate if someone could email me a list or tell me where to look. Thanks. Click-click.

Edward Nichols

4894. ICOM R1 RF overload solution

Newsgroup: rec.radio.scanner
Date: 1994-06-10 22:14:52 UTC
From: csdfg@selway.umt.edu
Message-ID: <1994Jun10.221452.3581@selway.umt.edu>
Source record: 273240

I live in a high RF part of town and have had problems with my R1 stopping its scan on frequencies where there is no active transmission occurring. I think this is due to the fact that the R1 is very sensitive but poorly IF-filtered. So it overloads easily and there are loads of images. I tried cutting a one-inch length off of a paper clip and wrapping a thin layer of plastic tape around one end of the clip. I inserted the taped end into the BNC connector on the R1. Voila! A capacitively-coupled antenna that works well to attenuate those strong local signals without an expensive filter mod inside an already fully-packed case. Now, my R1 seems to work almost as well as the R7100 with the difference that I miss the somewhat weaker signals from the outlying areas and some portable units. Since I'm mostly interested in the stronger local stuff while I'm in the car anyway, that's OK with me. This solution to the "R1 problem" may be well known to the monitoring community and maybe what I'm saying is tired advice, but it is new to me and really does the trick. I now have renewed faith in my purchase of the R1.

David F. Glass, KB7ZGX
Missoula, MT
csdfg@selway.umt.edu

4895. Re: ABC Nightline story on cellphone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-06-10 23:07:05 UTC
From: ligosa@aol.com
Message-ID: <2tarmp$6ts@search01.news.aol.com>
Source record: 273243

In article <2tahqb$mek@foghorn.cc.utexas.edu>,
streak@foghorn.cc.utexas.edu (Streak) writes:

Could anyone recognize what kind of Handheld scanner the guy had ?
Black w/2 anttennas ?

4896. Re: ABC Nightline story on cellphone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-06-10 23:09:02 UTC
From: streak@foghorn.cc.utexas.edu
Message-ID: <2tarqe$o36@foghorn.cc.utexas.edu>
Source record: 273244

In article <brett_miller.292.000F653E@ccm.hf.intel.com>,
Brett Miller - N7OLQ <brett_miller@ccm.hf.intel.com> wrote:
>There are 2 places that I have seen sell cell tracking boxes. One in Canada
>and the other in Wisconsin (I think). The box costs about $450. I think I
>remember Richard Crisp selling one a while ago, so maybe he has experience
>with it. It allows you to track phone calls from cell to cell because the
>control data is on the same freq as the audio (that little chirp you hear
>just
>before the call switches). The software from the show did not come from a
>BBS, but there is a simulation program that is on a BBS, so maybe thats what
>he was referring to. I had the demo software at one time, but don't know if

I'd love to have this if you could dig it up!

>its still around. I think saying that the software came from a BBS is just
>media scare-tactics: trying to make people belive that anyone can download
>this and monitor cell calls. This way, the cell users get all worked up and
>start scraming that a law should be passed to prevent this!! Here we go
>again...

heh.. yeah, that's the way life works though.
I just didn't know there was a way to track the esn (the short burst
right before you change cells)...

I wonder if something like this is available for the RS pro-2006?
It would probably be some program that works with the computer interface
for the rs scanners (can't remember the name)

I'd love something that did this with my sound card (put the line out
from the scanner into the soundcard..run the program, and it will tell
you which freq. to go to) -- of course I doubt this is possible since I
presume it to be digital information which is easiy corrupted by noise.

something for all you programmers to think about.

--
email: streak@mail.utexas.edu * Jason Williams -- Austin, Tx. | |
main-> streak@ccwf.cc.utexas.edu * University of Texas at Austin | ___ |
streak@underg.ucf.org * Electrical and Computer Engineering _|_/
** |

4897. Icom R100

Newsgroup: rec.radio.scanner
Date: 1994-06-10 23:25:16 UTC
From: adam@panix.com
Message-ID: <2tasos$36i@panix.com>
Source record: 273242
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

Earlier this week I posted the following to rec.radio.scanner and rec.radio.amateur.equipment:

I have a friend who is interested in the Icom R100. If you have experience with this radio, he'd appreciate hearing your comments (both pro and con) as well as alternative suggestions. Pointers to anyplace where discussions about the R100 might be archived would also be useful. I'll forward replies.

Well, either nobody feels very strongly about this radio, or all of you R100 owners (or former owners) assumed that somebody else would answer. The only substantive reply I got was from Richard Crisp. (Thank you Richard).

So this is a second attempt. I'll also add that I seem to remember that there was a series of several Icom wideband receivers (possibly including the R1 and the R100) which were not too well received (no pun intended). I recall hearing about problems with important characteristics like selectivity. Is there any truth to this (specifically with respect to the R100)?

-Thanx
-Adam (N2DHH)

adam@panix.com

4898. Re: ABC Nightline story on cellphone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-06-11 01:00:54 UTC
From: gdallal@world.std.com
Message-ID: <Cr7K5I.I1y@world.std.com>
Source record: 273247

Charles Copeland (copeland@metronet.com) wrote:
: >esn maybe?)
: >It was neat..he could track one person's esn...I wanna know how he did this.

: There is a place in Canada that sells such a device for $300 or so
: dollars, it requires a computer controller scanner as well.
: He has advertise to this group a couple of times in the past.

Does this mean that a 2006 + OptoScan456 + this device puts one in business?

4899. Re: PRO-2027 mods

Newsgroup: rec.radio.scanner
Date: 1994-06-11 03:11:02 UTC
From: ssouva@aol.com
Message-ID: <2tba06$a8j@search01.news.aol.com>
Source record: 273248

In article <19940610.052831.190@almaden.ibm.com>,
rfhamilton@VNET.IBM.COM writes:

> A friend purchased a PRO-2027 and was told it was cellular
restorable.
> I've looked on several ftp sites for mods without success. There
was a
> prior posting here but, I really wasn't sure if it pertained to the
2027. ===== Any
> info would be appreciated.

Move diode D35 to the D34 hole. Be aware that these are surface
mount diodes and require a low wattage iron and a skilled hand. Good
luck!

Scott Souva
SSouva@AOL.COM
SSouva@SwRI.EDU

4900. Need Central Florida Utilities Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-06-11 03:43:01 UTC
From: stephenx1@aol.com
Message-ID: <2tbbs5$alk@search01.news.aol.com>
Source record: 273251

I am looking for frequencies of phone, gas, power, cable, etc.
companies in the greater Orlando area. The Cities of interest are:
Clermont, Winter Garden, Groveland, Tavares, and Leesburg. The county
areas are: Lake Co., Orange Co., Sumter Co. and Marion Co.

Thank you.

Stephenx1@AOL.COM

4901. Re: PRO-2006 hum -- normal?

Newsgroup: rec.radio.scanner
Date: 1994-06-11 03:59:33 UTC
From: thomas@venice.sedd.trw.com
Message-ID: <1994Jun11.035933.27266@venice.sedd.trw.com>
Source record: 273258

In article <Z87N-HL.dixiedaniels@delphi.com>
Dixie Daniels <dixiedaniels@delphi.com> writes:
>um, what please is a 12-volt wall-wart? How much $$? My pro-2006 doesn't
>hum, but my boombox sure does! My boombox is connected to my VCR because
>I dropped that stupid TV and the sound reverberates but never mind. Boombox
>hums when plugged in to AC when turned off. Thanks! I might be interested
>in 12-volt wall-wart for scanner because it storms so often and I might
>like to listen to it during storm without endangering it. Would this wall-
>wart help? (No don't worry I won't call up a shop and ask for a "wall-wart"
>but what would I ask for? Thanks!

A wall-wart is an AC-DC converter that plugs into a wall outlet, like a
"wart" on the wall. For more info, visit your local Radio Shack store.

Rob

4902. Re: PRO-2006 hum -- normal?

Newsgroup: rec.radio.scanner
Date: 1994-06-11 04:31:23 UTC
From: Dixie Daniels <dixiedaniels@delphi.com>
Message-ID: <Z87N-HL.dixiedaniels@delphi.com>
Source record: 273250

um, what please is a 12-volt wall-wart? How much $$? My pro-2006 doesn't hum, but my boombox sure does! My boombox is connected to my VCR because I dropped that stupid TV and the sound reverberates but never mind. Boombox hums when plugged in to AC when turned off. Thanks! I might be interested in 12-volt wall-wart for scanner because it storms so often and I might like to listen to it during storm without endangering it. Would this wall-wart help? (No don't worry I won't call up a shop and ask for a "wall-wart" but what would I ask for? Thanks!

4903. Re: SF/SJ Dial-A-Scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-11 05:22:52 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun11.052252.9168@hpcvaac.cv.hp.com>
Source record: 273255

linnig@m2000.dseg.ti.com (Mike Linnig) writes:
: In article <71960006@hpcc01.corp.hp.com> basham@hpcc01.corp.hp.com (Everett F Basham) writes:
:
: > I am considering installing a hilltop scanner base station for my use. [...]
: > Based on the Icom R-7000, this would allow me to dial into the receiver,
: > enter the desired frequency and passband with DTMF, and hear the audio passed
: > back over the phone line. [...] What I'm curious to find out is if there
: > would be a market for such a service.
:
: Won't you get in trouble with the Communications Act of 1934 (?) that prohibits
: you from repeating any communications that you overhear (Not that there are too
: many police out looking for violators of that particular law) ?

Nope. This would be the same as putting an extension speaker on the radio,
so you could listen in another part of the house. Note that he is not
retransmitting the signal, only carrying it over a phone line.

Bill

4904. Re: BC205XLT "Light" Mod

Newsgroup: rec.radio.scanner
Date: 1994-06-11 05:32:57 UTC
From: mike@Hopper.itc.Virginia.EDU
Message-ID: <Cr7wqx.H7C@murdoch.acc.Virginia.EDU>
Source record: 273253

In article <Cr4snp.BHM@sunfish.usd.edu>, <kosborne@charlie.usd.edu> wrote:
>I've cruised thru the mod archives @oakland and didn't come across the
>mod for keeping the backlight locked on.
>
>I know there's one out there...can anyone point me in the right direction?

Yes, someone please post info - the timeout is quite annoying.
--
Mike Chapman mike@hopper.itc.virginia.edu ...!virginia!doxy!mike
mike@onyx.pvcc.cc.va.us mike@w3eax.umd.edu

4905. BC2500xlt

Newsgroup: rec.radio.scanner
Date: 1994-06-11 05:50:16 UTC
From: "Ben D. Hernandez" <b_hernandez@macsch.com>
Message-ID: <Cr7xJs.MKt@draco.macsch.com>
Source record: 273270

Does anyone have any information about the BC2500xlt battery problems? I have one that the battery finally needed recharging after scanning for six hours, after charging it for 14 hours it would not hold a charge. Uniden diavows any knowledge! Thanks!

4906. Re: This Week on Spectrum June 4, 1994

Newsgroup: rec.radio.scanner
Date: 1994-06-11 09:50:43 UTC
From: lobo@io.org
Message-ID: <2tc1dj$337@ionews.io.org>
Source record: 273237
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.pirate

In article <1994Jun10.005903.24262@ptsfa.PacBell.COM>, lgbiede@ptsfa.PacBell.COM (Larry G Biedenweg) writes:
>In article <IWxyjGG8yHh5065yn@dorsai.dorsai.org>
bigsteve@dorsai.dorsai.org (Steve Coletti) writes:
>>In article <2spikg$r8j@ionews.io.org>, Niel J. Wolfish wrote:
>>> >On Saturday June 19'th Spectrum will celebrate its one year anniversary
> ^^^^^^^^^^^^^^^^^^
> ^^^^^^^^^^^^^^^^^^
>>> >with a special show. You'll just have to tune in and find out what
>>> >happens.
>>>
>>> Let me guess.... there will be a special interview with "Kristin Kaye" from
>>> her/his/its secret hideout in Paraguay?
>>
>>Nope, we've got the entire RNI crew comming down and they will do the show
>>to the total shock of George at WWCR.
>
>George won't be the only one shocked since Saturday is THE 18th *NOT* the
>19th!!!
>Larry G. Biedenweg

Perhaps WWCR uses a different calendar than the rest of the world?

73. NjW.

4907. Re: Icom R100 Comments SOught

Newsgroup: rec.radio.scanner
Date: 1994-06-11 12:06:17 UTC
From: crisp@netcom.com
Message-ID: <crispCr8EyH.6MJ@netcom.com>
Source record: 273260
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

In article <brett_miller.285.0012B958@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>In article <crispCr5Fst.7rB@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>
>>I own 2 of them and would like to have a third if that is helpful.
>
>Coming from you, I'm not sure how significant this statement is. Your house
>must look like the inside of Lockheed's "Blue Cube" :-)
>
Pretty close :-)

Actually I generally buy one of everything. Sell the things I don't like
or can stand to part with to try the next new thingy. I usually try to
get a second or third unit of what I like. Trouble is I really like
my WJ HF1000, and those puppies are very expensive!
--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

4908. Re: ABC Nightline story on cellphone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-06-11 12:19:40 UTC
From: crisp@netcom.com
Message-ID: <crispCr8FKs.76o@netcom.com>
Source record: 273263

In article <2tarqe$o36@foghorn.cc.utexas.edu> streak@foghorn.cc.utexas.edu (Streak) writes:
>In article <brett_miller.292.000F653E@ccm.hf.intel.com>,
>Brett Miller - N7OLQ <brett_miller@ccm.hf.intel.com> wrote:
>>There are 2 places that I have seen sell cell tracking boxes. One in Canada
>>and the other in Wisconsin (I think). The box costs about $450. I think I
>>remember Richard Crisp selling one a while ago, so maybe he has experience
>>with it. It allows you to track phone calls from cell to cell because the
>>control data is on the same freq as the audio (that little chirp you hear

the box is called DDI. The company that makes it is called CCS and is in Milwaukee Wisconsin. Mark is the guy to talk to. His telephone number is 414 781 2794 x22 or 24 I think.

The current unit (as of dec 93) has the ability to decode DTMF tones too He can also put the unit in a mode where it will only follow targeted numbers too.

It will also monitor and decode *some* of the reverse channel traffic(the cell phone to base path). He specifically has prevented it from decoding the ESN stuff to keep you from committing fraud. This keeps the cell phone industry association from dragging him into court for aiding and abetting commision of felony fraud. His best customers come from the cell phone industry and law enforcement, so he wants to keep them happy. At least this is what he told me.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

4909. Re: Icom R100

Newsgroup: rec.radio.scanner
Date: 1994-06-11 12:26:22 UTC
From: crisp@netcom.com
Message-ID: <crispCr8Fvy.7L0@netcom.com>
Source record: 273264
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <brett_miller.294.001276FE@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>In article <2tasos$36i@panix.com> adam@panix.com (Adam Epstein) writes:
>
>> So this is a second attempt. I'll also add that I seem to remember
>>that there was a series of several Icom wideband receivers (possibly
>>including the R1 and the R100) which were not too well received (no
>>pun intended). I recall hearing about problems with important
>>characteristics like selectivity. Is there any truth to this
>>(specifically with respect to the R100)?
>
>I think this scanner is not that popular because of its price/features ratio.
>The specs on this unit are great, but HF coverage without SSB is of limited
>interest to many. So we are really left with a VHF/UHF scanner. But the R100
>isn't much of a scanner, its more of a comm receiver. Programming is typical
>Icom - lots of button pushing for simple operations. If I remember correctly
>there are no "banks" of channels, which is standard now for scanners. If you
>want a small comm receiver, that can scan in a pinch, then this unit is great.
> But most people opt to spend more and get the "He-Man" R7100. I have been
>tempted to get one several times, but I just don't know what I would use it
>for. Listening to satellites while mobile?

I agree with what Brent said. I own two of them. I find they are lacking for mobile use because they do not have a high powered audio amp which is necessary to overcome the high ambient noise environment of a moving car.

I use mine for satellite work at home and also for scanning a limited number of police freqs. I have no complaints regarding the performance of the unit. I do wish they would have programmed the unit a bit differently to make it a bit friendlier to use. But they work very well as a comm receiver. They work OK as a scanner.

In a pinch they will do OK on shortwave, but have no SSB and if you decide to mod it to add SSB, be advised that you need to provide some means to tune it to a finer resolution than 1KHz (pull the local oscillator a bit?) in order to get acceptable results (remember that maritime stations can be on 0.5KHz boundaries).

Another quirk is the lack of a line level output (useful for taping or RTTY, not that RTTY matters since there is no BFO!).

But it is a good comm receiver for sure.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com

(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

4910. Re: Exotic frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-11 14:56:00 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771365179@f747.n115.z1>
Source record: 273214

SR> And all of sudden, I kinda stretch out my ear to the hall where my
SR> husband has his home recording studio. He's a professional musician
SR> (does soundtracks for films and videos) and I see he's got his
SR> earphones on and he's working on some score. I can barely hear the
SR> music coming from the 'phones but realize that what I'm grabbing at
SR> 144.090 isn't an alien spacecraft or even a Paraguay or West India ham
SR> radio station, but crapshy leaking from his synthesizers a distressing
SR> 6 FEET away !!!!
SR> Well, just thought I'd share that we you. If you've personnally
SR> experienced your home lamp, tv, heating system or otherwize exotic
SR> "frequency", please share it so I don't feel stupid AND alone...
SR>

Hi, Susan...
I have had this happen on occasion with my scanners as well. I will be
listnening to an FM radio station. My scanner will then pick up the
leakage from the FM radio.

Jerry

4911. Re: Help needed regarding cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-11 14:59:05 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771365180@f747.n115.z1>
Source record: 273215

-=> Quoting Jim Wayda to All <=-

JW> When monitoring cellular communication in the frequency range of
JW> 869mhz to 894mhz there are many instances when I can only hear one of
JW> the parties involved in the conversation. In other instances, I can
JW> hear both parties involved in the conversation. Can someone please
JW> provide information as to why this is happening?.
JW>

What you describe is typicall of cellular systems. I have heard a couple of explanations. I believe it is done deliberately because the cellular companies know that calls can be monitored. So, the landline portion is the only thing received. In some cases, some systems still echo the carphone side of the conversation.

The other one I heard was that it depends on how far away I am from a cell, though this doesn't make sense.

Jerry

4912. Am I ham licensed?

Newsgroup: rec.radio.scanner
Date: 1994-06-11 15:31:40 UTC
From: hhansen@mason1.gmu.edu
Message-ID: <2tclcs$e0q@portal.gmu.edu>
Source record: 273265

While in college I was on the radio and was issued an FCC Restricted Radiotelephone Operator Permit, Form 753-Part 2. It has a grant date of Feb 12 1988. It states I am authorized to operate any radio station which may be operated by a person holding this class of license (per paragraphs 3454 and 3945 of the Radio Regulations, Geneva 1979).

Does this equate to a certain ham license/capability to broadcast? I bought an Alinco DJ-580T a while back and have refrained from using it until I find out. Could anyone with info on how to pursue/convert to a ham license help me out. Thank You, Hawley.

--
_/_/_/ _/_/ _/_/ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
_/ _/ _/ _/ _/ _/
_/_/_/ _/ _/ The future is now...
_/ _/ _/ _/ _/
_/ _/_/ _/_/ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

4913. Northern Va scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-11 15:35:46 UTC
From: hhansen@mason1.gmu.edu
Message-ID: <2tclki$e0q@portal.gmu.edu>
Source record: 273266

I thought I remembered reading a while back a post regarding NoVa scanning as now being illegal (or frowned upon by officials) in a vehicle. I do not recall if this was validated or not. Also does this apply to those who are ham licensed. I currently hold a FCC Restricted Radiotelephone Operator Permit and wish to know if this authorizes me for any ham/scanning permission in this area. Thanks, Hawley.

--
_/_/_/ _/_/ _/_/ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
_/ _/ _/ _/ _/ _/
_/_/_/ _/ _/ The future is now...
_/ _/ _/ _/ _/
_/ _/_/ _/_/ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

4914. Re: BC205XLT "Light" Mod

Newsgroup: rec.radio.scanner
Date: 1994-06-11 16:05:16 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2tcnbs$gm6@samba.oit.unc.edu>
Source record: 273267

In article <Cr7wqx.H7C@murdoch.acc.virginia.edu>,
Mike Chapman <mike@Hopper.itc.Virginia.EDU> wrote:
>In article <Cr4snp.BHM@sunfish.usd.edu>, <kosborne@charlie.usd.edu> wrote:
>>I've cruised thru the mod archives @oakland and didn't come across the
>>mod for keeping the backlight locked on.
>>
>>I know there's one out there...can anyone point me in the right direction?
>
>Yes, someone please post info - the timeout is quite annoying.
>--
> Mike Chapman mike@hopper.itc.virginia.edu ...!virginia!doxy!mike
> mike@onyx.pvcc.cc.va.us mike@w3eax.umd.edu

Well, from what I've heard, the 205xlt is almost the same thing as the
200xlt, and the light mod for the 200 xlt is pretty simple.

Here's from a e-mail msg about how to turn on the 200xlt. Your mileage
may vary on the 205xlt: anyone who's willing to try should post results
for others interested.

Sherrod

(Begin included text)
Okay, on the CPU (UC-1147), number one is the first pin to the right of the
notch. Number 64 is to the left of the notch. (ie, they go
counter-clockwise.)

To turn the light on, jump the transistor input that is fed by pin 63 (2nd
from the bottom on the left edge--notch to the lower right) to VCC. Pin 26
is VCC and you should be able to trace it to a clear pad near the bottom
edge of the board (when you can read the text on the CPU). This pad is the
alternate location for a jumper chip that should change the low band form
29-54 to 66-88mhz. (Note, I don't know if all the inductors and
adjustments are the same in the European version which employs this
configuration.) Well, about those light pins--pins 60-62 are also VCC.
So if you want the light on all the time, just tie 63 to the pin or pins
above it. You can do this with one find strand of a braided wire and no
soldering if you're carely. But your light will be on whenever the power
is on. If you want to add a switch, solder the leads--one to that VCC
jumper block pad I mentioned, and the other to the transistor that pin 63
leads to. I don't recommend soldering directly to the CPU--it's more
likely to be heat sensitive and those pins are pretty small.

I hope I haven't confused you. Any more questions, just ask!

Brett
--
brett@surfpix.princeton.edu Brett Borowski

(End included text)

PS: if you do this, I would now advise from experience to use a switch instead of hard-wiring it on full-time. Reason: when you disconnect the battery pack from the bottom of the scanner or otherwise remove power from the input terminals to the scanner unit itself with the light turned on with the jumper or switch, you are almost guaranteed to affect your channel memories. It usually would either lock out all the channels, or the reverse, unlock everything, including any 000.000 frequencies (which just add aditional time to the scan cycle). When all the channels are locked out, you can manually unlock them all (a pain for 200 channels), but when they are all unlocked (including the 000.000), you cannot lock out the 000.000 freqs, thus adding extra time to the cycle. Again, your mileage may vary, but this is how it worked (works) on my 200xlt-equivalent (heavily modded 100XLT).

Sherrod

--

\ The above does not represent OIT, UNC-CH, laUNChpad, or its other users. /

4915. Re: ABC Nightline story on cellphone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-06-11 16:23:03 UTC
From: meyer@whatever.cs.jhu.edu
Message-ID: <2tcod7$n17@blaze.cs.jhu.edu>
Source record: 273268

In article <2tarmp$6ts@search01.news.aol.com> ligosa@aol.com (LIGOSA) writes:
>In article <2tahqb$mek@foghorn.cc.utexas.edu>,
>streak@foghorn.cc.utexas.edu (Streak) writes:
>
>Could anyone recognize what kind of Handheld scanner the guy had ?
>Black w/2 anttennas ?

It was not a scanner. It was a 2 meter Icom w/ scanner. I think
thats the 2SRA. Not positive.

Dan

4916. Re: Am I ham licensed?

Newsgroup: rec.radio.scanner
Date: 1994-06-11 17:16:52 UTC
From: lbsisk@BIX.com
Message-ID: <lbsisk.771355012@BIX.com>
Source record: 273269

hhansen@mason1.gmu.edu (Hawley G Hansen) writes:

> While in college I was on the radio and was issued an FCC
>Restricted Radiotelephone Operator Permit, Form 753-Part 2. It has a
>grant date of Feb 12 1988. It states I am authorized to operate any
>radio station which may be operated by a person holding this class of
>license (per paragraphs 3454 and 3945 of the Radio Regulations, Geneva
>1979).

> Does this equate to a certain ham license/capability to
>broadcast? I bought an Alinco DJ-580T a while back and have refrained
>from using it until I find out. Could anyone with info on how to
>pursue/convert to a ham license help me out. Thank You, Hawley.

A Restricted RT Operators permit is NOT a ham license. If you want
you use the ham bands, you must get a ham license, and there is no
conversion from what you have.
Lindy Sisk lbsisk@bix.com

4917. Pro-42 modifications...

Newsgroup: rec.radio.scanner
Date: 1994-06-11 17:54:51 UTC
From: obieone@eskimo.com
Message-ID: <Cr8v3L.J2q@eskimo.com>
Source record: 273176

Does anyone have any modifications for the Pro-42, or know where I might be able to FTP some. Thanks.

4918. Cellular on Pro-2026 (Mods)

Newsgroup: rec.radio.scanner
Date: 1994-06-11 19:16:01 UTC
From: gcortevi@nyx10.cs.du.edu
Message-ID: <2td2hh$s1g@nyx10.cs.du.edu>
Source record: 273257
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I just bought a Realistic Pro-2026 scanner from Radio Shack yesterday.
The unit supports 800 MHz, but a majority of the cellular band is blocked
out. (ie 868.9375-896.1125 are blocked). The back of the scanner shows
the scanner is capable of receiving the complete 800 MHz range right
thrugh the afore-mentioned frequencies. Can somebody tell me how to
modify the scanner to uncripple it. (Not that I would be listening to
any cellular phone conversations or anything. Heavens no. That's
illegal. :))

Your help would be greatly appreciated!

--
Greg Corteville | "We are the knights who say Nee!"
gcortevi@nyx10.cs.du.edu | - Monty Python's QFTHG
---[PGP Key available via finger]-----------------------------------

4919. Uniden Sportcat

Newsgroup: rec.radio.scanner
Date: 1994-06-11 19:38:09 UTC
From: nation@wam.umd.edu
Message-ID: <2td3r1$5oo@cville-srv.wam.umd.edu>
Source record: 273271

I'm interested in the Uniden Sportcat SC150Y/B.

Has anyone had any experience or information about this scanner?

From the advertisement I read, I know it has 12 bands, 100 channels, and covers 29-956 Mhz. It sells for $200 at the store where I've seen it.

Is this a good price for this scanner or should I look for another scanner for around the same price? This will be my first scanner.

Thanks for any help.

Chris (I'm using my sister's account.)

4920. Re: World cup frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-06-11 19:47:06 UTC
From: jwh@kaiwan.com
Message-ID: <2td4bq$mes@kaiwan.kaiwan.com>
Source record: 273272

Have you guys ever thought of scanning the normal stadium/arena frequencies?

That works most of the time. It's not like the players are wearing wireless headsets. I would scan local police, fire, and the stadium freqs.

Stadiums usually have security, usher, etc. freqs..
--
: ONE STOP TECH SHOP BBS * (310) 421-6766 * 24 Hours * USR 14.4 DS * 8/N/1 :
: Ham Radio * Scanners * Shortwave Listening * CAD/CAM/CAE * Satellites :
: Groom Lake/Area 51/S4 * X-Planes & Black Budgets * 500 Megs + 3 CD-ROMs :
: Call and share your interests & knowledge with others! :

4921. Re: Cellular on Pro-2026 (Mods)

Newsgroup: rec.radio.scanner
Date: 1994-06-11 20:04:42 UTC
From: rubin@ux1.cso.uiuc.edu
Message-ID: <2td5cq$8n2@vixen.cso.uiuc.edu>
Source record: 273259
Cross-posted to: rec.radio.scanner,alt.radio.scanner

gcortevi@nyx10.cs.du.edu (Greg Corteville) writes:

>I just bought a Realistic Pro-2026 scanner from Radio Shack yesterday.
>The unit supports 800 MHz, but a majority of the cellular band is blocked
>out. (ie 868.9375-896.1125 are blocked). The back of the scanner shows
>the scanner is capable of receiving the complete 800 MHz range right
>thrugh the afore-mentioned frequencies. Can somebody tell me how to
>modify the scanner to uncripple it. (Not that I would be listening to
>any cellular phone conversations or anything. Heavens no. That's
>illegal. :))

>Your help would be greatly appreciated!

Coincidentally, I just bought one yesterday also...I too am interested
in the mods...please post.

Also, does anyone have a review of this scanner (pro-2026). I imagine
it's similar to the pro-46, which I already own and am very pleased with.
(I don't think having a mobile and a hand-held is too excessive???)

Steve

4922. Thunderbirds

Newsgroup: rec.radio.scanner
Date: 1994-06-11 20:10:08 UTC
From: georget@max.tiac.net
Message-ID: <2td5n0$ce7@sundog.tiac.net>
Source record: 273273

[No readable article body recovered]

4923. Thunderbirds

Newsgroup: rec.radio.scanner
Date: 1994-06-11 20:15:38 UTC
From: georget@max.tiac.net
Message-ID: <2td61b$ck5@sundog.tiac.net>
Source record: 273274

[No readable article body recovered]

4924. Re: Cellular on Pro-2026 (Mods)

Newsgroup: rec.radio.scanner
Date: 1994-06-11 20:52:11 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-110692134450@lisaraip6.llnl.gov>
Source record: 273175

In article <2td2hh$s1g@nyx10.cs.du.edu>, gcortevi@nyx10.cs.du.edu (Greg Corteville) wrote:
>
> I just bought a Realistic Pro-2026 scanner from Radio Shack yesterday.
> The unit supports 800 MHz, but a majority of the cellular band is blocked
> out. (ie 868.9375-896.1125 are blocked). The back of the scanner shows
> the scanner is capable of receiving the complete 800 MHz range right
> thrugh the afore-mentioned frequencies. Can somebody tell me how to
> modify the scanner to uncripple it. (Not that I would be listening to
> any cellular phone conversations or anything. Heavens no. That's
> illegal. :))

You are absolutely correct that monitoring cellular is illegal.

With that out of the way, here is the PRO-2026 cell mod:

Remove the bottom cover (4 screws).

With the front of the radio facing you and the bottom side up, the lower right corner will have a smaller circuit board with a jumper wire labeled 'L201'.

Cut L201 to restore cellular with the correct 30 Khz steps (how thoughtful of the designers!).

Replace the cover.

Gary

Gary Ross
Shot Director ROSS@NOVAX.LLNL.GOV
Nova Laser Operations ROSSMAN@AOL.COM
Lawrence Livermore National Lab ROSSMAN@EWORLD.COM
P.O. Box 808 L-489
Livermore, CA 94551

4925. OTTAWA/VIA RAIL

Newsgroup: rec.radio.scanner
Date: 1994-06-11 23:34:43 UTC
From: an678@FreeNet.Carleton.CA
Message-ID: <Cr9Atw.A85@freenet.carleton.ca>
Source record: 273177

I'm soon to take a train trip from Windsor (ON) to Ottawa and back on VIA rail...anybody got some good frequencies for VIA Rail and the Ottawa Area?

Thanks in advance...Bob

4926. Re: Am I ham licensed?

Newsgroup: rec.radio.scanner
Date: 1994-06-11 23:51:00 UTC
From: st4j9@jane.uh.edu
Message-ID: <11JUN199418510768@jane.uh.edu>
Source record: 273178

In article <2tclcs$e0q@portal.gmu.edu>, hhansen@mason1.gmu.edu (Hawley G Hansen) writes...
>
> While in college I was on the radio and was issued an FCC
>Restricted Radiotelephone Operator Permit, Form 753-Part 2. It has a
>grant date of Feb 12 1988. It states I am authorized to operate any
>radio station which may be operated by a person holding this class of
>license (per paragraphs 3454 and 3945 of the Radio Regulations, Geneva
>1979).
>
> Does this equate to a certain ham license/capability to
>broadcast? I bought an Alinco DJ-580T a while back and have refrained
>from using it until I find out. Could anyone with info on how to
>pursue/convert to a ham license help me out. Thank You, Hawley.
>
>--

No. Part 97 of the FCC regulations (Amateur Radio Service) requires
either a valid FCC issued amateur license, FCC issued reciprocal permit
(issued to persons posessing a valid amateur license in another country
with a reciprocal operating agreement with the US, or a valid Canadian
amateur license.

73's de kb5pgy

4927. Re: Javiation still in business?

Newsgroup: rec.radio.scanner
Date: 1994-06-11 23:59:20 UTC
From: john@sound.demon.co.uk
Message-ID: <771406703snx@sound.demon.co.uk>
Source record: 273179

In article <1994Jun10.061333.9607@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>drbranine@delphi.com (David Branine) writes:
>: Well, I e-mailed Mr. Clough at least twice, maybe 3 times without the
>: courtesy of a reply.
>
>Yeah, I have had the same problem.
>
>Bill

Well, I have Emailed Mr. Clough several times and have *always* received a (speedy) reply.

I recently bought a scanner from him and found the service was excellent; far better then any other mail order company.

Just my 2c

Happy scanning

J o h n

/------------------------------------\
| John Allsopp |
| |
| Peterborough / UK |
| |
| Internet : John@Sound.Demon.Co.UK |
\------------------------------------/

4928. Re: SF/SJ Dial-A-Scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-12 00:13:43 UTC
From: rwilkins@ccnet.com
Message-ID: <2tdjvn$d2l@ccnet.ccnet.com>
Source record: 273181

bill nelson (billn@hpcvaac.cv.hp.com) wrote:
: linnig@m2000.dseg.ti.com (Mike Linnig) writes:
: : In article <71960006@hpcc01.corp.hp.com> basham@hpcc01.corp.hp.com (Everett F Basham) writes:
: :
: : Won't you get in trouble with the Communications Act of 1934 (?) that prohibits
: : you from repeating any communications that you overhear (Not that there are too
: : many police out looking for violators of that particular law) ?

: Nope. This would be the same as putting an extension speaker on the radio,
: so you could listen in another part of the house. Note that he is not
: retransmitting the signal, only carrying it over a phone line.

Not only retransmitting but reselling the service over a common carrier.

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

4929. Re: Am I ham licensed?

Newsgroup: rec.radio.scanner
Date: 1994-06-12 00:18:05 UTC
From: gdallal@world.std.com
Message-ID: <Cr9Cu6.K5G@world.std.com>
Source record: 273180

No. You're not authorized to operate your HT, but it should be very easy for you to get a no-code Technician license, which is all you need. Two basic theory exams (knowledge of amateur band frequencies, Ohm's law, simple ideas of radio propagation) are all it takes. The exams are given frequently (in the New England area, there are 41 exams scheduled for the month of June). Call the ARRL at 800-32-NEW HAM (800-326-3942) for answers to any questions you might have. Do it sooner rather than later. The current waiting period for a new license is 12 weeks. A trip to your local Radio Shack will get you a book containing the question pool for the no-code tech exam.

Good luck!

Hawley G Hansen (hhansen@mason1.gmu.edu) wrote:

: While in college I was on the radio and was issued an FCC
: Restricted Radiotelephone Operator Permit, Form 753-Part 2. It has a
: grant date of Feb 12 1988. It states I am authorized to operate any
: radio station which may be operated by a person holding this class of
: license (per paragraphs 3454 and 3945 of the Radio Regulations, Geneva
: 1979).

: Does this equate to a certain ham license/capability to
: broadcast? I bought an Alinco DJ-580T a while back and have refrained
: from using it until I find out. Could anyone with info on how to
: pursue/convert to a ham license help me out. Thank You, Hawley.

: --
: _/_/_/ _/_/ _/_/ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
: _/ _/ _/ _/ _/ _/
: _/_/_/ _/ _/ The future is now...
: _/ _/ _/ _/ _/
: _/ _/_/ _/_/ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

4930. Re: OTTAWA/VIA RAIL

Newsgroup: rec.radio.scanner
Date: 1994-06-12 02:06:56 UTC
From: xx400@FreeNet.Carleton.CA
Message-ID: <Cr9HvK.Eo1@freenet.carleton.ca>
Source record: 273183

In a previous article, an678@FreeNet.Carleton.CA (Robert C. Walker) says:

>
>
>I'm soon to take a train trip from Windsor (ON) to Ottawa and back on VIA
>rail...anybody got some good frequencies for VIA Rail and the Ottawa Area?
>
>Thanks in advance...Bob
>

Hi..Bob...

I'm not too shure, but 161.315 sems to jump into my mind...but I might be
a bit "off track"

I could check my Harteq to confirm...

--

4931. Canadian Snowbird Frequencies ???

Newsgroup: rec.radio.scanner
Date: 1994-06-12 02:12:07 UTC
From: xx400@FreeNet.Carleton.CA
Message-ID: <Cr9l47.Esz@freenet.carleton.ca>
Source record: 273184

Hi all...

Well, here it is...Air Show time in Ottawa, and I cannot find any frequencies at all for those amazing Snowbirds...or any other group or individual...sounds like it's gonna be a boring show just watchin'

UNLESS..you know of any frequencies! I'd sure like to hear from you...so I could hear from them!

Thanks!

--

4932. 216-220 MHz???

Newsgroup: rec.radio.scanner
Date: 1994-06-12 02:41:34 UTC
From: linley@netcom.com
Message-ID: <linleyCr9JHA.Cnz@netcom.com>
Source record: 273185

After years of scanning, I just now noticed a small 4 MHz segment that doesn't seem to be allocated to anything. It's the space between the end of TV channel 13, and the start of the 220-MHz-ACSB-stolen-from-the-ham-community band. My scanner won't cover this range, and I'm curious what's there- Astronomy dead zone? SS/FBI/CIA stuff? UFO chatter? :)
I can't seem to find any data on this 4MHz nugget.

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur radio: KE6EQZ

"Another visitor. Stay a while... Stay FOREVER!"

4933. Re: OTTAWA/VIA RAIL

Newsgroup: rec.radio.scanner
Date: 1994-06-12 02:55:07 UTC
From: ad460@FreeNet.Carleton.CA
Message-ID: <Cr9K3w.Fxt@freenet.carleton.ca>
Source record: 273186

In a previous article, an678@FreeNet.Carleton.CA (Robert C. Walker) says:

>I'm soon to take a train trip from Windsor (ON) to Ottawa and back on VIA
>rail...anybody got some good frequencies for VIA Rail and the Ottawa Area?

All the VIA radio conversations take place on CN Channel 1: 161:415. If
you are talking about on the road, you need the following:
CN Channel 2: 161.205
CN Channel 3: 160.935
CN Channel 8: 161.025 to hear the CN dispatchers
(now Rail Traffic Controllers)
plus on the Brockville - Smiths Falls leg on CP, you need
CP Channel 7: 161.535 (end-to-end)
CP Channel 8: 160.425 (RTC)

Haruteq lists 418.0500 as VIA Station services here in Ottawa, but I have
never tried to listen to it - if anything it would be station staff. All
train-related converstations are on CN 1.

Let me know if you need any further information, let me know. Have you
purchased (or considered purchasing) our CANADIAN TRACKSIDE GUIDE? It has
all the radio information you need on all Canadian Railways, and MUCH more.

--
David Stremes | President, BYTOWN RAILWAY SOCIETY, Publishers of:
ad460@freenet.carleton.ca | BRANCHLINE, CANADA'S RAILNEWSMAGAZINE
(613) 723-7311 x 263 (work) | and CANADIAN TRACKSIDE GUIDE
Box 141, Stn A, Ottawa, Ontario, Canada, K1N 8V1 or call (613) 745-1201

4934. Cable Company Freqs For S.E. Michigan?

Newsgroup: rec.radio.scanner
Date: 1994-06-12 02:58:58 UTC
From: db193@delphi.com
Message-ID: <BuxvnzS.db193@delphi.com>
Source record: 273182

Anyone Have The Freqs For There Radio Equipped Trucks? Prefer (Det. Metro Area)

4935. Re: Javiation still in business?

Newsgroup: rec.radio.scanner
Date: 1994-06-12 03:10:59 UTC
From: steven@sgb.oau.org
Message-ID: <Cr9KuC.JHB@sgb.oau.org>
Source record: 273190

David Branine (drbranine@delphi.com) wrote:
: Well, I e-mailed Mr. Clough at least twice, maybe 3 times without the
: courtesy of a reply.

I forwarded your comments to Jonathon last night. We will see... He claims to answer all. Let me know if he does...

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net |----------------------------
GEnie: s.bradley6@genie.geis.com | Don't you think it's about
CompuServe: 73232.505@compuserve.com | time we FIRED the Federal
America Online: sgbradley@aol.com | Communications Commission?

4936. Re: 216-220 MHz???

Newsgroup: rec.radio.scanner
Date: 1994-06-12 03:45:57 UTC
From: cw400@cleveland.Freenet.Edu
Message-ID: <2te0dl$cun@usenet.INS.CWRU.Edu>
Source record: 273187

There is a Marine band in the 216-220, used along the Mississippi River.

4937. Re: Icom R100

Newsgroup: rec.radio.scanner
Date: 1994-06-12 05:04:52 UTC
From: roberts@unm.edu
Message-ID: <2te51k$kjs@triton.unm.edu>
Source record: 273189
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <crispCr8Fvy.7L0@netcom.com>,
Richard Crisp <crisp@netcom.com> wrote:
>
>Another quirk is the lack of a line level output (useful for taping or RTTY,
>not that RTTY matters since there is no BFO!).

I have no problems using the speaker out jack and using a "line level to
recorder level" attenuator to record with my boom box.

To avoid the problems of switching between speaker and recorder, I have
put the two together so I can record and listen on my speaker at the
same time (or record and turn off my speaker with a switch)

Robert
roberts@triton.unm.edu

4938. Re: 216-220 MHz???

Newsgroup: rec.radio.scanner
Date: 1994-06-12 05:18:21 UTC
From: wbloss@delphi.com
Message-ID: <B26MXnV.wbloss@delphi.com>
Source record: 273188

Bruce James Robert Linley <linley@netcom.com> writes:

>After years of scanning, I just now noticed a small 4 MHz segment that
>doesn't seem to be allocated to anything. It's the space between the
>end of TV channel 13, and the start of the 220-MHz-ACSB-stolen-from-the-
>ham-community band. My scanner won't cover this range, and I'm curious

Hi BJRL:
Along the Mississippi, Ohio and Maybe the Illinois River is a full duples
duplex telephone system - the Inland Waterway Systam. 219 MHz from boats,
217 from land stations, but full duples, so you can hear both sides. This
is a very localized usage. FCC has revently started proceedings for IVDS
(I think that's right), it is a TV Set-top interactive Video device which
Xmits in this region, and allows you to "order a puizza while watching the
Pizza Hut Commercial", etc. Watch for it in the next few years. There is also
a proposal mking its way to the FCC for a national traffic handling system
of Hams on discrete frequencies at 219 MHz at 56 K bps, needs FCC action.
My RS-2005 does cover it, and I hear the Inland Waterway signal when I am
near the Rivers above. Has a control signal that is distinctive, unlike
other control sigs you hear on other bands.
Wieredest thing I have seen in this band is a station licensed to the
Univ of Mo (where I live) at a small no-where burg on 219 MHz with
a Business (IB) designation, just cannot figure it out!
Have fun!
Wally Bloss
WB0BAV

4939. Re: Javiation still in business?

Newsgroup: rec.radio.scanner
Date: 1994-06-12 07:27:17 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun12.072717.27985@hpcvaac.cv.hp.com>
Source record: 273194

john@sound.demon.co.uk (John Allsopp) writes:
: In article <1994Jun10.061333.9607@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
: >drbranine@delphi.com (David Branine) writes:
: >: Well, I e-mailed Mr. Clough at least twice, maybe 3 times without the
: >: courtesy of a reply.
: >
: >Yeah, I have had the same problem.
: >
: >Bill
:
: Well, I have Emailed Mr. Clough several times and have *always* received
: a (speedy) reply.
:
: I recently bought a scanner from him and found the service was excellent;
: far better then any other mail order company.

But, you are in the UK. Maybe he does not get e-mail from the US, for some reason.

Bill

4940. Re: SF/SJ Dial-A-Scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-12 07:29:48 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun12.072948.28059@hpcvaac.cv.hp.com>
Source record: 273193

rwilkins@ccnet.com (Bob Wilkins n6fri) writes:
: bill nelson (billn@hpcvaac.cv.hp.com) wrote:
: : linnig@m2000.dseg.ti.com (Mike Linnig) writes:
: : : In article <71960006@hpcc01.corp.hp.com> basham@hpcc01.corp.hp.com (Everett F Basham) writes:
: : :
: : : Won't you get in trouble with the Communications Act of 1934 (?) that prohibits
: : : you from repeating any communications that you overhear (Not that there are too
: : : many police out looking for violators of that particular law) ?
:
: : Nope. This would be the same as putting an extension speaker on the radio,
: : so you could listen in another part of the house. Note that he is not
: : retransmitting the signal, only carrying it over a phone line.
:
: Not only retransmitting but reselling the service over a common carrier.

Sorry, I should have been a bit more explicit. There would be nothing illegal
about him doing so - for his own use. As you point out, it would be illegal
to sell the service.

Bill

4941. beepers/pagers

Newsgroup: rec.radio.scanner
Date: 1994-06-12 07:30:39 UTC
From: Ivan Landis <wk03268@worldlink.com>
Message-ID: <2980488212.2.wk03268@worldlink.com>
Source record: 273218

Within the last week or so there were several postings about how to capture/ listen to beepers - didn't pay too much attention at the time BUT now I'm interested. If anyone captured the info I'd surely appreciate it if they could email it to me.

4942. Re: Am I ham licensed?

Newsgroup: rec.radio.scanner
Date: 1994-06-12 07:35:56 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun12.073556.28255@hpcvaac.cv.hp.com>
Source record: 273195

hhansen@mason1.gmu.edu (Hawley G Hansen) writes:
:
: While in college I was on the radio and was issued an FCC
: Restricted Radiotelephone Operator Permit, Form 753-Part 2. It has a
: grant date of Feb 12 1988. It states I am authorized to operate any
: radio station which may be operated by a person holding this class of
: license (per paragraphs 3454 and 3945 of the Radio Regulations, Geneva
: 1979).
:
: Does this equate to a certain ham license/capability to
: broadcast? I bought an Alinco DJ-580T a while back and have refrained
: from using it until I find out. Could anyone with info on how to
: pursue/convert to a ham license help me out. Thank You, Hawley.

No, it does not - nor can it be converted/upgraded. The Permit is
generally issued to people for operating Aeronautical radios in
airplanes. It may, or may not, also be required to transmit on the
VHF marine band.

Bill

4943. Re: Uniden Sportcat

Newsgroup: rec.radio.scanner
Date: 1994-06-12 08:31:05 UTC
From: Henry Moody <hcmoody@delphi.com>
Message-ID: <Zg4tXfR.hcmoody@delphi.com>
Source record: 273191

Jeanne Lisa Cheung <nation@wam.umd.edu> writes:

>I'm interested in the Uniden Sportcat SC150Y/B.
>
>Has anyone had any experience or information about this scanner?
>
>From the advertisement I read, I know it has 12 bands, 100 channels, and
>covers 29-956 Mhz. It sells for $200 at the store where I've seen it.

Hello Chris,
I am really surpised to see soo many messages inquiring on this little scanner! Especially considering it is so new. I purchased mine today at WalMart for 199.73 and so far I think its great! The sensitivity is as good as any scanner I have ever owned (right up into 800mhz)) . Just FYI, the Cellular Range has been disabled bu
t I m sure it wont be long before a modification is listed to restore that range of freq's. I seen one comment here on the rec.scanner group that said that it resembles all most exactly the BC200XLT minus 100 channels. If this is so, the mod for the BC
200XLT may apply to the SC150. I think I am going to pop the cover on mine and see if it uses the same , almost standard uniden chip in it!!! Also, the advertisement states 29-956 MHZ, BEWARE that this is not CONTIUOUS COVERAGE in that rang
e of FREQs but rather selected portions of .....ect. Anyway, give it a try, it seems a nice little scanner, the size of it is excellent as well as the weight. 1 year warranty but as we all know Walmart is very liberal about those sorts of things...Rec
hargeable battery and AC adapter/Charger included and a small book of SPORTS freqs, Races, Boats, Museums, Fairs ectect.
HCMOODY @ DELPHI.COM
Cataula, Ga U.S.A.
Have a nice Day :-)

4944. Uniden SportCat SC 150

Newsgroup: rec.radio.scanner
Date: 1994-06-12 08:39:25 UTC
From: Henry Moody <hcmoody@delphi.com>
Message-ID: <ZAxNfXd.hcmoody@delphi.com>
Source record: 273192

So has anyone else purchased the Sportcat Scanner yet?
I have had mine for only one day now and so far I love it!
I will love it even more if anyone can confirm that the BC200XLT MOD is the same on this one! I havent popped the case off yet, (the small size is a little intimidating), however the curiosity is probably going to get the best of me! If anyo
ne has any information on this handy little dude either Mail me at HCMOODY@DELPHI.COM or reply to this one. I know with all the sharp minds out there in the scanner area we should hear some response on this one..! Have a nice day :-) HCMOOD
Y Cataula(BIG ROCK), Georgia

4945. BEARCAT 2500 BATTERY

Newsgroup: rec.radio.scanner
Date: 1994-06-12 12:27:43 UTC
From: an678@FreeNet.Carleton.CA
Message-ID: <CrAAM7.MuM@freenet.carleton.ca>
Source record: 273196

I've noticed some comments regarding a battery problem with the 2500XLT in previous threads...but am hoping for a fuller reply.

I've noticed the battery packs on my 2500XLT seem to last sufficiently, but if I leave a charged pack on the set for 4-5 days without using the set, the pack will be dead. I can't believe there would be that much of a drain on the batteries? Any help or comments appreciated.

Bob

4946. Nova Scotia Cell Tower Locations

Newsgroup: rec.radio.scanner
Date: 1994-06-12 13:31:41 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Jun12.092615.1@cad3.uccb.ns.ca>
Source record: 273198

Help:
I looking for the cellular phone tower locations in Nova Scotia.
If anyone has this info please respond.
rling@cad.uccb.ns.ca

4947. Re: SCA Transmissions

Newsgroup: rec.radio.scanner
Date: 1994-06-12 13:36:16 UTC
From: schuster@panix.com
Message-ID: <2tf30g$lns@panix3.panix.com>
Source record: 273197

Like trn tells me ... "START USING REC.RADIO.SCANNER"

In article <1994Jun12.072415.27919@hpcvaac.cv.hp.com>,
bill nelson <billn@hpcvaac.cv.hp.com> wrote:
>
>There is nothing to decode. It is legal to listen to the transmissions,
>just not use them commercially - without paying a license fee.

There are non-voice mode SCA transmissions, like stock quotes, which would
require a decoder.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

4948. Bearcat BC200xlt

Newsgroup: rec.radio.scanner
Date: 1994-06-12 13:53:15 UTC
From: mike.martin@michaelr.com
Message-ID: <940612151350263@michaelr.com>
Source record: 273207

-> common practice to have a "60 day shakeout period" for new models to
-> tial
-> problems. They figure that scanner nuts will be the ones to grab thes
-> immediately complain to the dealers about any problems, who will in t
-> alley,
-> who'll tell Uniden. My connection at Uniden said that NO changes were
-> he
-> actual production units.
->
-> So, Uniden has released the production SC150s, is about to release th
-> on
-> BC220XLTs, and will shortly be releasing the low end BC120XLTs.
->
-> ---
->
->
-> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
-> Intel Corp.
-> American Fork, UT

Hi Brett!
Caught you message and seems to me you have an inside track to Uniden.
I have had a problem with my BC200xlt handheld scanner; you mentioning
the "shake out" period grabbed me a I thought you may of heard of or
could confirm this problem.

Whenever I plug my radio in to recharge, my memory gets zapped! I've
tried many different ways to do this but each time I lose the contents
of all 200 channels! This is a real hassle! I like this radio but
having to reprogram it every time I recharge it is a real pain.

Can you help?

Your reply will be appreciated.

Mike Martin - Tulsa.

4949. 460-464/480-484 -> 144-148MHz receiving converter for sale

Newsgroup: rec.radio.scanner
Date: 1994-06-12 14:20:44 UTC
From: mc@northshore.ecosoft.com
Message-ID: <2tf5js$gqd@northshore.ecosoft.com>
Source record: 273199
Cross-posted to: rec.radio.swap,rec.ham-radio.swap,rec.radio.scanner,ne.forsale

FOR SALE:

UHF receive downconverter: Use with amateur 2-meter scanning radio, handy-talkie,etc.

This neat little converter allows you to scan 460 - 464 and 480 - 484 MHz public service bands on any radio that can scan from 144 - 148 MHz. The converter was made by MC Squared Engineering and is the model HC-U2 with a new AAA battery. It mounts on the BNC connector on top of the handy talkie and has a female BNC antenna on top that connects to an external antenna or rubber duckie. Its like new and works perfectly. Price $35.00 + ups.

Michael Crestohl, KH6KD/W1
263 Nahant Road
Nahant MA 01908-1342
mc@shore.net

4950. Sporadic E Opening to New England

Newsgroup: rec.radio.scanner
Date: 1994-06-12 14:21:20 UTC
From: jkearman@arrl.org
Message-ID: <1994Jun12.142120.18276@arrl.org>
Source record: 273144

Late in the afternoon of Saturday, June 11, there was a good sporadic-E opening into southern New England. Based on the states of origin of license plates being run by the police departments I heard, I'm pretty sure I was picking up West Virginia, Tennessee and Kansas. It's possible I was hearing Colorado as well.

The stuff I heard was on some of the frequencies used by the Connecticut State Police, who were somewhat inconvenienced by the opening! These frequencies lie between 42 and 45 MHz.

Sporadic E propagation doesn't seem to be dependent on solar activity, as does traditional ionospheric propagation. Small, densely ionized clouds form in the E region of the ionosphere, and drift generally eastward (in the Northern Hemisphere; the article in Monitoring Times last year got the direction wrong).

Formation of sporadic-E clouds sometimes correlates with areas of large thunderstorms and tornadoes, leading to speculation that wind shear in the upper atmosphere plays a role.

Because the clouds are small, if you used a beam antenna, you'd have to point it at the cloud, which may not lie on a great circle between you and the station you're hearing. As the cloud drifts, one area will drop out and another will pop up. Depending on how quickly the cloud is moving and how large it is, there may not be time for an identification before propagation is lost. Another cloud following the first may bring back the signal, so don't lose hope! It would help to have a few dozen scanners going at once on different freqs, though.

Sporadic-E openings often affect low-band VHF. The openings are common from spring to fall, but may occur at any time in the year. Strong openings may also affect high-band VHF (150-174 MHz). If the low-band (30-50 MHz) signals are thick, try scanning the high-band.

If you still have a TV antenna, have a look at channels 2-13, and the FM broadcast band, too.

During periods of high solar activity, such as occurred from 1989-1992, F-region ionospheric propagation often allows you to hear low-band VHF signals from all over the world. While it's possible for cloud-to-cloud sporadic-E propagation to allow longer paths, it's unlikely you'll hear stations further

than about 1500 miles away.

Good listening.

Jim

jkearman@arrl.org

4951. Re: Icom R100

Newsgroup: rec.radio.scanner
Date: 1994-06-12 14:43:47 UTC
From: crisp@netcom.com
Message-ID: <crispCrAGwz.C8v@netcom.com>
Source record: 273200
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.radio.scanner

In article <2te51k$kjs@triton.unm.edu> roberts@unm.edu (Robert Smathers) writes:
>In article <crispCr8Fvy.7L0@netcom.com>,
>Richard Crisp <crisp@netcom.com> wrote:
>>
>>Another quirk is the lack of a line level output (useful for taping or RTTY,
>>not that RTTY matters since there is no BFO!).
>
>I have no problems using the speaker out jack and using a "line level to
>recorder level" attenuator to record with my boom box.
>

Yep, that's basically what I do. I just wish they had provided
a line out.

>To avoid the problems of switching between speaker and recorder, I have
>put the two together so I can record and listen on my speaker at the
>same time (or record and turn off my speaker with a switch)
>

I find it annoying to use the speaker out line for recording
because I do not like the volume control on the radio to affect the
recorded level. Usually line out levels are fixed to allow recording
to be unaffected by volume control changes.

>Robert
>roberts@triton.unm.edu
>

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

4952. Re: Is the BC 200xlt good or not?

Newsgroup: rec.radio.scanner
Date: 1994-06-12 15:53:12 UTC
From: dongil@netcom.com
Message-ID: <dongilCrAK4o.Eo3@netcom.com>
Source record: 273201

I have had a BC100xlt for 2 years. I am not a scanner tech-head, so
am not sure if the guts are the same.

While they, 100/200, are older models the performance on my 100 is
great. I am a RR nut and stay in the 160.500 - 161.500 range most
of the time. Key features that I like:
10 Priority channels, one on each bank
Fast scan rate
No internal noise problems
Quick battery change
Long battery life, I did 12 hours continuous scanning yesterday.
Have never lost the programming! I have, several times, forgot
to turn the unit off. Has been dead for as long as 48
hours.
Good performance in the band I use.

I got mine mail order from a outfit that pushes older, re-manufactured
and excess inventory items. It was a good buy @ $170 new.

If you want good, basic performance and not bleeding edge stick with
proven technology.

Regards,

Don G

4953. where can I get an 800khz oscillator? (double 200XLT clock)

Newsgroup: rec.radio.scanner
Date: 1994-06-12 16:16:44 UTC
From: mike@Hopper.itc.Virginia.EDU
Message-ID: <CrAL7x.Ao7@murdoch.acc.Virginia.EDU>
Source record: 273202

I need a 600-800khz oscillator for my BC200XLT. I considered using a decade counter combined with a a 8mhz crystal I have but there's really not enough room. Maybe if I could find a surface mount 7493 that would work, but I'd prefer to find a crystal or ceramic oscillator in that range.

Another issue someone else raised was where the inverter for the preset 400khz device is, or if it even needs one.
--
Mike Chapman

4954. Scanners

Newsgroup: rec.radio.scanner
Date: 1994-06-12 17:41:00 UTC
From: cosimo.delrosso@woodybbs.com
Message-ID: <93.134.7592.0NFB29A8@woodybbs.com>
Source record: 273222

The Dx Connection bbs is in need of the latest mod files for all scanners...

If you have any to share please let me know..

Thanks

--- QScan v1.066b
* Origin: The DX Connection BBS (1:107/593)

4955. Re: where can I get an 800khz oscillator? (double 200XLT clock)

Newsgroup: rec.radio.scanner
Date: 1994-06-12 18:13:28 UTC
From: domonkos@access.digex.net
Message-ID: <Muq-jiubGoc7066yn@access.digex.net>
Source record: 273203

In article <CrAL7x.Ao7@murdoch.acc.Virginia.EDU>, Mike Chapman wrote:
>
> I need a 600-800khz oscillator for my BC200XLT. I considered using a
> decade counter combined with a a 8mhz crystal I have but there's
> really not enough room. Maybe if I could find a surface mount
> 7493 that would work, but I'd prefer to find a crystal or
> ceramic oscillator in that range.
>
> Another issue someone else raised was where the inverter for the
> preset 400khz device is, or if it even needs one.
> --
> Mike Chapman
Mike,

You have me curious, what will you be doing with the oscillator? Injecting
into a L/O somewhere?

Andy

4956. Ft. Lauderdale, FL freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-12 19:31:07 UTC
From: russm5@aol.com
Message-ID: <2tfnpr$did@search01.news.aol.com>
Source record: 273204

Has anyone scanned out the full range of frequencies on FLPD's new 800 comm system? I've gotten several but have limited time to search the band.

4957. needing help

Newsgroup: rec.radio.scanner
Date: 1994-06-12 19:58:43 UTC
From: eric.sossamon@michaelr.com
Message-ID: <940612151350264@michaelr.com>
Source record: 273206

I have a bearcat 250 scanner and I'm having a problem with it. When I plug it in a little red little appears at the bottom of the right side of the screen. When I turn it on it will not scan. If anyone can help me I would really really appreciate it.

Thanks
Eric

4958. PRO-2026, PRO-2029 help

Newsgroup: rec.radio.scanner
Date: 1994-06-12 20:56:32 UTC
From: jdewitt@rainbow.sosi.com
Message-ID: <2tfsq0$2v0@rainbow.sosi.com>
Source record: 273205

```
--
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
jdewitt@sosi.com NOYGP
jdewitt@ctnet.org
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
```

4959. IC-2SRA vs. FT-530

Newsgroup: rec.radio.scanner
Date: 1994-06-12 21:40:01 UTC
From: Mike.Holl@launchpad.unc.edu
Message-ID: <2tfvbh$aj9@samba.oit.unc.edu>
Source record: 273208
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

Hello!

I need some advice...

I currently have ~$500 of spending money with which I'd like to purchase an HT. Considering that I don't have a scanner yet, either, and the fact that scanners which can receive cellular frequencies are dwindling fast, I'd like to pick up a transciever with a scanner built-in. (Not to listen to cellular, mind you. I would _never_ do that...)

I had been planning to purchase an Icom 2SRA, but was recently told that the Yeasu FT-530 also covers many of the same frequencies, with a keyboard mod. Considering that they are comparably priced, but that the 530 is a dual-bander, it sounds like a much better deal to me.

A few questions:

Exactly what is the mod for the 530, and which frequencies can be received? Is the sensitivity as good as the 2SRA? Can it receive WFM signals, as well?

I live in south-suburban Chicago... Is the 440 band really _that_ important? i.e. what does the 440 band have that 2M doesn't?

I've been told that Icom's are very difficult to use... Is this really the case? Is the Yeasu much easier to use?

Where should I purchase ham equipment from? I can't seem to find a dealer in the area, so am planning on purchasing it from AES. Has anyone had any problems with them?

Any other advice would be greatly appreciated...

Tnx.

Michael Holl - N9TWU
--
Mike.Holl@launchpad.unc.edu
--

\ The above does not represent OIT, UNC-CH, laUNChpad, or its other users. /

4960. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-06-12 22:16:43 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2tg1gb$e5l@dancer.cc.bellcore.com>
Source record: 273209

In article <1994Jun10.160432.4066@rsg1.er.usgs.gov>,
Tom Bodoh <bodoh@dgg.cr.usgs.gov> wrote:
>In article <0005713E.fc@aardvark.bah.rochester.ny.us>,
Joe_A._Walker@aardvark.bah.rochester.ny.us (Joe A. Walker) writes:
>|> To my knowledge the law that bans scanners does NOT apply to hams. I will post
>|> part of the law when i find it.
>|> ** Via the Aardvark Burrow BBS - 1-716-383-1372**
>
>The exemptions were written for 'amateur equipment' which may be deemed by
>a cop not to include scanners. Many copy would not know or care about the
>difference, but some might...
>+ Tom Bodoh - Section Manager, Systems Engineering and Management, Hughes STX +

Most, if not all, of the state exemptions make no mention of equipment,
that is, they exempt hams without reqard to any type of equipment.

The issue of ham equipment versus a scanner has risen because the
recent FCC exemption of such laws specifically
mentions ham transceivers. That would only be an issue if a
particular law didn't exempt hams outright in the first place
and you were then relying on the FCC preemption for protection.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

4961. Canadian Snowbird Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-12 22:52:17 UTC
From: aa400@FreeNet.Carleton.CA
Message-ID: <CrB3J5.M4t@freenet.carleton.ca>
Source record: 273212

Hi all...

Well, here it is...Air Show time in Ottawa, and I cannot find any frequencies at all for those amazing Snowbirds...or any other group or individual...sounds like it's gonna be a boring show just watchin'

UNLESS..you know of any frequencies! I'd sure like to hear from you...so I could hear from them!

Thanks!

--

--

Bob P. Antonietti

4962. Re: SCA Transmissions

Newsgroup: rec.radio.scanner
Date: 1994-06-12 23:12:53 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun12.231253.10290@hpcvaac.cv.hp.com>
Source record: 273210

schuster@panix.com (Michael Schuster) writes:
: >
: >There is nothing to decode. It is legal to listen to the transmissions,
: >just not use them commercially - without paying a license fee.
:
: There are non-voice mode SCA transmissions, like stock quotes, which would
: require a decoder.

Thanks for the update. All I have ever run across is voice or music.

Bill

4963. Re: IC-2SRA vs. FT-530

Newsgroup: rec.radio.scanner
Date: 1994-06-12 23:27:24 UTC
From: tedtrost@netcom.com
Message-ID: <tedtrostCrB55p.n5B@netcom.com>
Source record: 273211
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

Michael Holl (Mike.Holl@launchpad.unc.edu) wrote:
: I'd like to pick up a transciever with a scanner built-in. (Not to listen
: to cellular, mind you. I would _never_ do that...)

: I had been planning to purchase an Icom 2SRA, but was recently told that
: the Yeasu FT-530 also covers many of the same frequencies, with a keyboard
: mod. Considering that they are comparably priced, but that the 530 is a
: dual-bander, it sounds like a much better deal to me.

: Exactly what is the mod for the 530, and which frequencies can be
: received? Is the sensitivity as good as the 2SRA? Can it receive WFM
: signals, as well?

I own a 2SRA, so I can't speak about the 530...

: I've been told that Icom's are very difficult to use... Is this really
: the case? Is the Yeasu much easier to use?

I have no problem programming mine. My own opinion is that most radios
offer *some* programming challenge due to the number of features.

: Where should I purchase ham equipment from? I can't seem to find a dealer
: in the area, so am planning on purchasing it from AES. Has anyone had any
: problems with them?

Consider Erickson (sp) Electronics in Chicago. I have no personal
experience with them, but if you want to buy local...

I wish I had gotten a dual bander with some wide-band rx instead of the
2SRA. Don't get a radio for the cellular capability-- myself and most of
the people to whom I've spoken who've listened to cellular have found
ourselves BORED after a week of it. Find someone with a radio that can
scan it and see if listening is exciting for you. Most calls are,
"Honey? I'm on the way home... I'll be home in 10 minutes." That is
IF the cell doesn't change mid-conversation.

Ted N1RDQ
tedtrost@netcom.com

4964. pro2032 vs. pro2026

Newsgroup: rec.radio.scanner
Date: 1994-06-13 00:01:20 UTC
From: jasafir@gibbs.oit.unc.edu
Message-ID: <jasafir.771465680@news.oit.unc.edu>
Source record: 273213

Looking to buy a base scanneraaa
wandering if I should get a pro2032 or 2026. Not big into scanners but
I do have a AR1500 which I don't like. Don't want to spend more than the
$220 that the 2032 is selling for now... Suggestions?

Yes, I know the 2026 is a mobile scanner, but heck if it's only $150 I
can certainly use it at home if I need to...

Also, is the 2032 cellular modifiable? Not a big concern, but I have not seen
any mods for it...

Nick

4965. Re: Listening in the car

Newsgroup: rec.radio.scanner
Date: 1994-06-13 00:26:00 UTC
From: craig@yonder.equinox.gen.nz
Message-ID: <H.eg.nZcXBGMT5YQ@yonder.equinox.gen.nz>
Source record: 273126

In <1994Jun10.135327.2512@arrl.org>, Jim Kearman (KR1S writes:
>What'll do when manufacturers stop putting cigarette lighters
>in cars? Okay, wire directly to the battery on your car, but
>what about rentals?

It'll never happen. I've noticed some Honda's even have 2 lighter
sockets fitted now, one with the lighter in it, the other with a lid -
specifically there for plugging in accessories.
The lighter may go some day, but the socket won't.

Craig.
--
:: Craig Shore. Phone +64 3 385-6554 (Christchurch, New Zealand.) ::
:: (CraigS on IRC) ::

4966. Re: IC-2SRA vs. FT-530

Newsgroup: rec.radio.scanner
Date: 1994-06-13 00:56:21 UTC
From: milcom@netcom.com
Message-ID: <milcomCrB99y.Avu@netcom.com>
Source record: 273216
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

Michael Holl (Mike.Holl@launchpad.unc.edu) wrote:
: I had been planning to purchase an Icom 2SRA, but was recently told that
: the Yeasu FT-530 also covers many of the same frequencies, with a keyboard
: mod. Considering that they are comparably priced, but that the 530 is a
: dual-bander, it sounds like a much better deal to me.

The ft-530 will recieve from 136-174 and 400-512Mhz. It will work in the
800-960Mhz band but it takes about -80dbm to open the squelch, its close
to -120dbm for the ham bands. When modified it will transmit from
136-174 and from 400-470Mhz. I've checked mine for spurious on a hp
spectrum analyzer when transmitting and found it to be cleaner than a virgin.

The only thing to be wary of is using an external antenna near a
pagin/repeater site - its no worse than any other dualbander for intermod.
--
RF power specialists milcom@netcom.com

4967. Re: latest DAK catalog...

Newsgroup: rec.radio.scanner
Date: 1994-06-13 01:42:59 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <2tgdj3$9e8@umcc.umcc.umich.edu>
Source record: 273217

I didn't write that about Calif regulating anything. Who's quoting me?
Les

4968. AUS-Freq guide ?

Newsgroup: rec.radio.scanner
Date: 1994-06-13 01:48:17 UTC
From: jonh@jolt.mpx.com.au
Message-ID: <2tgdt1$2ag@inferno.mpx.com.au>
Source record: 273220

I recently bought my 4th scanner - a second hand AOR1000XLT ..that does nicey next to the <amazing> PRO-2006 .. I used to have an Australian frequency list (on disk) somewhere but I cannot find it again - is there something on the net ?...2nd question .. I am having some trouble guessing how to use the AOR :-) ..can anyone tell me what the correct procedure is to program in frequencys and to select channels(without the use if the 'knob on top' :-))

Ta ,
<8>

4969. Re: IC-2SRA vs. FT-530

Newsgroup: rec.radio.scanner
Date: 1994-06-13 02:06:28 UTC
From: domonkos@access.digex.net
Message-ID: <QLx-jiubGkw5066yn@access.digex.net>
Source record: 273221
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

re; Cellular ready HT's: The ICOM W2A is ideal, dual band , and chock full of surprises...

Andy N3LCW

4970. Re: IC-2SRA vs. FT-530

Newsgroup: rec.radio.scanner
Date: 1994-06-13 02:42:23 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jun12.214223.2466@hnrc.tufts.edu>
Source record: 273219
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

In article <2tfvbh$aj9@samba.oit.unc.edu>, Mike.Holl@launchpad.unc.edu (Michael Holl) writes:
> Hello!
>
> I need some advice...

Take this advice with a grain of salt, that is, don't follow it blindly, but be sure to add it to the mix.

> I currently have ~$500 of spending money with which I'd like to purchase
> an HT. Considering that I don't have a scanner yet, either, and the fact
> that scanners which can receive cellular frequencies are dwindling fast,
> I'd like to pick up a transciever with a scanner built-in. (Not to listen
> to cellular, mind you. I would _never_ do that...)

Then you won't care that the 530 has only 12.5kHz steps in the cellular range, nor that my Standard C558A outperforms my PRO-43 when I've done antenna testing in that range. (The Standard has 10kHz steps. The ICOM W21AT has 30kHz steps, but I've read that it's not very sensitive outside the ham bands. I have no hands on experience to verify this.)

>
> I had been planning to purchase an Icom 2SRA, but was recently told that
> the Yeasu FT-530 also covers many of the same frequencies, with a keyboard
> mod. Considering that they are comparably priced, but that the 530 is a
> dual-bander, it sounds like a much better deal to me.
>
> A few questions:
>
> Exactly what is the mod for the 530, and which frequencies can be
> received? Is the sensitivity as good as the 2SRA? Can it receive WFM
> signals, as well?

mods can be found in pub/hamradio/mods/yaesu at oak.oakland.edu. I believe this mod involves removing a diode.

I don't know the answer to this, but it's good to ask. HT's, as a rule, do not have WFM. One exception is the 2SRA with its 2 antennae. I'm told that the WFM antenna is attached with an earphone type of plug and is not terribly secure.

>
> I live in south-suburban Chicago... Is the 440 band really _that_
> important? i.e. what does the 440 band have that 2M doesn't?

I don't know Chicago. If it's like other populated areas, the answer may be
room for simplex operation after you've established contact on the repeater.

>
> I've been told that Icom's are very difficult to use... Is this really
> the case? Is the Yeasu much easier to use?
>
> Where should I purchase ham equipment from? I can't seem to find a dealer
> in the area, so am planning on purchasing it from AES. Has anyone had any
> problems with them?
>

HRO gives good service, but they don't like returns.

> Any other advice would be greatly appreciated...

Collect many opinions.

>
> Tnx.
>
> Michael Holl - N9TWU
> --
> Mike.Holl@launchpad.unc.edu
> --
> --
> \ The above does not represent OIT, UNC-CH, laUNChpad, or its other users. /
> --

4971. Re: Canadian Snowbird Frequencies ???

Newsgroup: rec.radio.scanner
Date: 1994-06-13 04:17:44 UTC
From: dsa330@herald.usask.ca
Message-ID: <2tgml8$nrm@tribune.usask.ca>
Source record: 273130

City of Ottawa (xx400@FreeNet.Carleton.CA) wrote:

: Hi all...

: Well, here it is...Air Show time in Ottawa, and I cannot find any
: frequencies at all for those amazing Snowbirds...or any other group or
: individual...sounds like it's gonna be a boring show just watchin'

: UNLESS..you know of any frequencies! I'd sure like to hear from you...so
: I could hear from them!

: Thanks!

: --

The following were found in a Saskatchewan frequency listing. I have not
personally tried them, but they should be correct.

Snowbird Frequencies:
Air to Air 141.8500
Channel 1 275.8000
2 295.6000
3 310.8000
4 227.6000
5 243.4000
6 240.5000
7 378.5000
8 266.3000
9 294.5000
10 322.8000
11 245.7000
12 316.5000
13 344.5000
14 356.6000
15 236.6000
16 283.9000
17 363.8000
18 289.4000
19 245.0000
20 239.8000
21 278.8000
22 227.6500
23 266.3100
24 294.7000
25 321.7000
26 344.4000

27 356.6000
28 236.8000
29 282.8000
30 245.5000
31 239.9000
32 299.9000
Emergency 381.8000
Ground Crew 413.0250

Darren

4972. Re: IC-2SRA vs. FT-530

Newsgroup: rec.radio.scanner
Date: 1994-06-13 04:23:01 UTC
From: cleader@netcom.com
Message-ID: <cleaderCrBIuE.9B3@netcom.com>
Source record: 273223
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: In article <2tfvbh$aj9@samba.oit.unc.edu>, Mike.Holl@launchpad.unc.edu (Michael Holl) writes:
: > Hello!
: >
: > I need some advice...

I have the 530 which I have done the mod on. The receive is 110-180,
300-500, and 800-900 narrow FM and AM. It is transmit capable on all of
the listed except 800-900. Its performance is at least comparable if not
better to my Realistic and Icom scanners. I would highly recommend it to you.
Charles (KD6DJG)

4973. Re: NJ State Police Trunked System

Newsgroup: rec.radio.scanner
Date: 1994-06-13 06:01:23 UTC
From: CLL002@email.mot.com
Message-ID: <CLL002-120694220123@145.1.23.32>
Source record: 273224

In article <2taaad$bd2@nntpd.lkg.dec.com>, judice@sulaco.enet.dec.com ()
wrote:

>
>
> I haven't listened to this system in a while, but did the
> other day. Used be there was a logical order to the assignment
> of frequencies (I believe each part of the state had five
> frequencies, one of which was for trunking data - and this channel
> moved occasionally.)
>
> Now it is much more confusing. Is there rhyme or reason to it,
> or is it intended to confuse listeners?
>
Since you didn't specify what was more confusing about it I can only guess
what could have happened. First, they could be much busier than before.
A busy system will select a channel that isn't in use, and since there
could be 4 conversations going on at once, you cannot know which freq will
be used next. Secondly, they could have reduced their hang time - the time
after a call where the channel stays keyed just in case someone wants to
respond immediately. If the administrator made that time really short,
calls
will end up hopping all over the place. If that timer is longer, the call
will generally stay on the same channel for awhile.

Luke Lin | I didn't do it | Internet:lukel@ecs.comm.mot.com
ITT Tools, LMPS | Nobody saw me do it | Right Thing,Right Way
Motorola | You can't prove | G. Kawasaki
Schaumburg, IL | anything B. Simpson | Right Tool,Right Process L. Lin
---

4974. PK-232MBX for sale

Newsgroup: rec.radio.scanner
Date: 1994-06-13 06:16:04 UTC
From: donalds644@aol.com
Message-ID: <2tgtj4$mpv@search01.news.aol.com>
Source record: 273125

I am selling the following:

PK-232MBX with PACTOR
Pakratt for Windows software
AEA FAX II
Klingenfuss CD and various utility guides

The above list for over $850. Will sell for $350. Reply via E-mail
to my internet address at stegner@infi.net.

4975. Re: BC2500xlt

Newsgroup: rec.radio.scanner
Date: 1994-06-13 08:04:15 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.295.00081263@ccm.hf.intel.com>
Source record: 273129

In article <Cr7xJs.MKt@draco.macsch.com> Ben D. Hernandez <b_hernandez@macsch.com> writes:

>Does anyone have any information about the BC2500xlt battery problems? I
>have one that the battery finally needed recharging after scanning for
>six hours, after charging it for 14 hours it would not hold a charge.
>Uniden diavows any knowledge! Thanks!

The known UNIDEN problem was that if you left a fully charged pack on the
radio, even while the radio was off, the battery would discharge in a few
days (some report a few hours).

Your problem is probably a reversed cell in the pack or possibly dendrites.
The simple way is to get a new pack. Otherwise you'll have to find the
offending cell and order a replacement (from a Cadnica distributor).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4976. Re: Uniden Sportcat

Newsgroup: rec.radio.scanner
Date: 1994-06-13 08:08:58 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.296.0008267F@ccm.hf.intel.com>
Source record: 273131

In article <2td3r1$5oo@cville-srv.wam.umd.edu> nation@wam.umd.edu (Jeanne Lisa Cheung) writes:

>I'm interested in the Uniden Sportcat SC150Y/B.

I have heard good things about it but it has some unusual features. You would probably do better by spending about $40 more and getting the new BC 220XLT. It might be hard to find for a while since it is so new.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4977. Re: Javiation still in business?

Newsgroup: rec.radio.scanner
Date: 1994-06-13 08:14:48 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.298.00083F69@ccm.hf.intel.com>
Source record: 273132

In article <1994Jun12.072717.27985@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:

>john@sound.demon.co.uk (John Allsopp) writes:
>: In article <1994Jun10.061333.9607@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com
>(bill nelson) writes:
>: >drbranine@delphi.com (David Branine) writes:
>: >: Well, I e-mailed Mr. Clough at least twice, maybe 3 times without the
>: >: courtesy of a reply.
>: >
>: >Yeah, I have had the same problem.
>: >
>: >Bill
>:
>: Well, I have Emailed Mr. Clough several times and have *always* received
>: a (speedy) reply.
>:
>: I recently bought a scanner from him and found the service was excellent;
>: far better then any other mail order company.

>But, you are in the UK. Maybe he does not get e-mail from the US, for some
>reason.

I posted a similar message on Compuserve where Jonathan seems to hang out more. He said that he never received my email !? I used the address he used in his .sig Maybe there are some selective routers along the way.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4978. Re: BEARCAT 2500 BATTERY

Newsgroup: rec.radio.scanner
Date: 1994-06-13 08:17:36 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.299.00084B5B@ccm.hf.intel.com>
Source record: 273133

In article <CrAAM7.MuM@freenet.carleton.ca> an678@FreeNet.Carleton.CA (Robert C. Walker) writes:

>I've noticed some comments regarding a battery problem with the 2500XLT in
>previous threads...but am hoping for a fuller reply.

>I've noticed the battery packs on my 2500XLT seem to last sufficiently,
>but if I leave a charged pack on the set for 4-5 days without using the
>set, the pack will be dead. I can't believe there would be that much of a
>drain on the batteries? Any help or comments appreciated.

This is correct. The early models had this problem. Uniden will repair it for free during the waranty period. I still need to send mine in. As a consolation, they provide a 2nd battery pack for free.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4979. Yupiteru MVT 7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-06-13 10:13:48 UTC
From: mumfordc@idaho.et.byu.edu
Message-ID: <2ti0jq$42n@bones.et.byu.edu>
Source record: 273136

I have decided to sell my Yupiteru MVT 7100 which I purchased from Javiation last April (my wife hates it too much, so it appears that scanning can't be one of my hobbies :( ). It has been used for under three months and is in good condition. I have the packaging and can send the scanner with all of its original accessories (antenna, rechargeable batteries, 12V power adaptor, car adaptor, and earphone).

I will also send the nice instruction booklet that Javiation sent with it.

If you are interested, please make an offer.

--
Clint Mumford mumfordc@hawaii.et.byu.edu

4980. Re: Bearcat BC200xlt

Newsgroup: rec.radio.scanner
Date: 1994-06-13 10:23:20 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.300.000A63DE@ccm.hf.intel.com>
Source record: 273138

In article <940612151350263@michaelr.com> mike.martin@michaelr.com (Mike Martin) writes:
>Hi Brett!
>Caught you message and seems to me you have an inside track to Uniden.
>I have had a problem with my BC200xlt handheld scanner; you mentioning
>the "shake out" period grabbed me a I thought you may of heard of or
>could confirm this problem.

>Whenever I plug my radio in to recharge, my memory gets zapped! I've
>tried many different ways to do this but each time I lose the contents
>of all 200 channels! This is a real hassle! I like this radio but
>having to reprogram it every time I recharge it is a real pain.

I was just relaying the info.

I have heard of this problem on early 200XLTs. I'm sure Uniden is aware of it. Because of the time passed, I doubt if they will repair it for free, but you could ask them. I looked through my Uniden mods list and can't find a fix. Maybe someone out there might be able to help you out.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4981. Re: BEARCAT 2500 BATTERY

Newsgroup: rec.radio.scanner
Date: 1994-06-13 10:28:48 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.301.000A7B31@ccm.hf.intel.com>
Source record: 273140

In article <CrCBu0.M5D@draco.macsch.com> Ben D. Hernandez <b_hernandez@macsch.com> writes:
>I just got off the phone with Uniden (1-800-297-1023) and they told me to
>send in my BC2500xlt for a battery "enhancement". This mod is supposed to
>fix the battery going dead if left unplugged, and short battery life. My
>BC2500xlt did not have short battery life, the battery just refuses to
>hold a charge after scanning for six hours. If you have done any "mods"
>of your own be warned that the unit will come back with factory specs!

>-Ben

Well send it in anyway and make sure you request the free extra battery pack!

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4982. Re: NY Rangers Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-13 12:55:32 UTC
From: reda@gandalf.rutgers.edu
Message-ID: <Jun.13.08.55.32.1994.21747@gandalf.rutgers.edu>
Source record: 273127

lblume@maestro.maestro.com (Lawrence Blume) writes:

>I have noticed that the Hockey coaches in the stanley cup wear wireless
>transmitters to communicate with coaches watching from above. Does anyone
>know what freqs. they might be using? I will bring my scanner to the game.

>Larry

The frequency is as follows:
19.40

;-)

--
Frank J. Reda, Assistant Director, Rutgers University Computing Services
reda@gandalf.rutgers.edu

4983. Re: Yupiteru MVT 7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-06-13 13:42:18 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.303.000DB4E7@ccm.hf.intel.com>
Source record: 273151

In article <crispCrCIo2.Gou@netcom.com> crisp@netcom.com (Richard Crisp) writes:

>I'll offer you $475 for it.

Trying to demonstrate market economics again Richard?

I'll offer $476 :-)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4984. RS Pro 51 for Sale

Newsgroup: rec.radio.scanner
Date: 1994-06-13 14:38:57 UTC
From: Ken_Mudge@SRI.QM.COM
Message-ID: <Ken_Mudge-130694073659@128.18.32.49>
Source record: 273134

For sale,

Radio Shack Pro 51. In absolutely PERFECT condition, with box and original papers. Asking $265.00 OBo, Will pay shipping.

Please phone or E-mail if interested.

Thanks!

Ken

E-Mail at work: Kenneth_Mudge@qm.sri.com
E-Mail at home: Ksquared2.aol.comm
Vox (days): (415)859-3710

4985. Re: BEARCAT 2500 BATTERY

Newsgroup: rec.radio.scanner
Date: 1994-06-13 14:49:11 UTC
From: "Ben D. Hernandez" <b_hernandez@macsch.com>
Message-ID: <CrCBu0.M5D@draco.macsch.com>
Source record: 273135

In article <CrAAM7.MuM@freenet.carleton.ca> Robert C. Walker,
an678@FreeNet.Carleton.CA writes:
>I've noticed some comments regarding a battery problem with the 2500XLT
in
>previous threads...but am hoping for a fuller reply.
>
>I've noticed the battery packs on my 2500XLT seem to last sufficiently,
>but if I leave a charged pack on the set for 4-5 days without using the
>set, the pack will be dead. I can't believe there would be that much of
a
>drain on the batteries? Any help or comments appreciated.
>
>Bob

I just got off the phone with Uniden (1-800-297-1023) and they told me to send in my BC2500xlt for a battery "enhancement". This mod is supposed to fix the battery going dead if left unplugged, and short battery life. My BC2500xlt did not have short battery life, the battery just refuses to hold a charge after scanning for six hours. If you have done any "mods" of your own be warned that the unit will come back with factory specs!

-Ben

4986. BC890XLT Power

Newsgroup: rec.radio.scanner
Date: 1994-06-13 15:36:52 UTC
From: jlloyd@aristotle.cs.clemson.edu
Message-ID: <2thuek$d5d@hubcap.clemson.edu>
Source record: 273137

Sorry, I have such a boring question, but can someone please
tell me whether the outside surface of the barrel connector for
the 12VDC supply is positive or negative (the inside surface
will of course be the opposite)? I want to make sure I have the
polarity correct before I connect the scanner to a 12VDC source.

Thanks,

John

P.S. The radio I'm refering to is the Uniden BC890XLT.
--
John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

4987. Re: Help needed regarding cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-13 15:40:43 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.306.000FAE2C@ccm.hf.intel.com>
Source record: 273152

In article <horak.771534617@convex.com> horak@convex.com (David Horak) writes:
>In <brett_miller.284.00129FBE@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com
>(Brett Miller - N7OLQ) writes:

>>Anyway, the reason you only hear half of the conversation is that the local
>>switching office does not always feed the cellular callers voice back to
>>himself (known as side-tone or "battery").

>I have noticed that while I am listening to one of these one-sided
>conversations, I can hear the mobile completely clear for about one
>second prior to handoff to another cell.

Yes, I have noticed this also. I'm not sure exactly why but I think it is
realted to the fact that the little data chirp you hear, tells the phone to go
to full power just before the handoff. It may tell the phone to do more than
that but I'm not sure. Maybe Bill Fisher can fill us in on the details.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

4988. Re: ABC Nightline story on cellphone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-06-13 15:53:27 UTC
From: wjf@nucleus.com
Message-ID: <CrCEt6.4LF@nucleus.com>
Source record: 273142

For a copy of the demo software, look in the Compuserve scanner library
for a program entitled CELLDEMO.ZIP

Regards,

Bill Fischer Internet: Bill.Fischer@T8000.CUC.AB.CA
Electronic Countermeasures Inc. +1-403-233-0644 Fax: +1-403-233-8849
65 - 31 Avenue South West Calgary, AB, Canada T2S 2Y7

4989. Re: Scanners

Newsgroup: rec.radio.scanner
Date: 1994-06-13 16:30:49 UTC
From: gxl@ElSegundoCA.NCR.COM
Message-ID: <6285@tdbunews.teradata.COM>
Source record: 273148

How can I get to this BBS??

Gordon Lee | InterNet : Gordon.Lee@ElSegundoCA.NCR.COM
AT&T Global Information Solutions | Phone : (310) 524-6196
El Segundo, California 90245 | FAX : (310) 524-5512

4990. Help needed regarding cel

Newsgroup: rec.radio.scanner
Date: 1994-06-13 17:02:18 UTC
From: alan.gutfrucht@n9csa.com
Message-ID: <9406140430462562@n9csa.com>
Source record: 273164

Jim,
I too have wondered about this same phenomenon here in the Chicago area. Although I have not listened to much cellular traffic, I can clearly remember having both sides of the conversation clear. Lately however, our "A" carrier here has suppressed one side of the conversation somehow. I really don't know what has happened and am curious as to the reason. I have not experienced the same difficulty with our other cellular provider here. So.. it seems that it is not a problem with the scanner. I am using a PRO 2005. I am very curious to see if there is an answer to this out there somewhere. Let me know what you hear.
Alan.

4991. Re: Yupiteru MVT 7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-06-13 17:16:48 UTC
From: crisp@netcom.com
Message-ID: <crispCrCIo2.Gou@netcom.com>
Source record: 273141

In article <2ti0jq$42n@bones.et.byu.edu> mumfordc@idaho.et.byu.edu (Clint W. Mumford) writes:
>
>I have decided to sell my Yupiteru MVT 7100 which I purchased
>from Javiation last April (my wife hates it too much, so it appears
>that scanning can't be one of my hobbies :( ). It has been used for
>under three months and is in good condition. I have the packaging and
>can send the scanner with all of its original accessories (antenna,
>rechargeable batteries, 12V power adaptor, car adaptor, and earphone).
>
>I will also send the nice instruction booklet that Javiation sent with
>it.
>
>If you are interested, please make an offer.
>
>--
>Clint Mumford mumfordc@hawaii.et.byu.edu

I'll offer you $475 for it.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

4992. Help with my Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-06-13 17:50:05 UTC
From: jmaikin@flash.LakeheadU.Ca
Message-ID: <2155@thunder.LakeheadU.Ca>
Source record: 273143

I bought a Pro-43 last week. They were on sale at Rat Shack, and I couldn't resist. Anyways, I need to pick up a frequency at 27.95 and the Pro-43 only goes down to 30. So what do I do? Get a new scanner? Or is there a mod out there for this.

Its one of the frequencys used by the campus security. We have a repeater on campus. I can hear one side of the conversation at 462, but I can't get the hand-held units broadcasts. I have a book that lists the frequencys for the province. It says that there are 4 channels here at the school. And there is only activity one one of them. And the last one at 27.950 I can't pick up. Can you broadcast on 462 and 27 with the same antenna? I'm trying to figure this whole thing out.

Help is muchly appreciated.

J.

4993. Re: Help needed regarding cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-13 19:10:17 UTC
From: horak@convex.com
Message-ID: <horak.771534617@convex.com>
Source record: 273145

In <brett_miller.284.00129FBE@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>Anyway, the reason you only hear half of the conversation is that the local
>switching office does not always feed the cellular callers voice back to
>himself (known as side-tone or "battery").

I have noticed that while I am listening to one of these one-sided conversations, I can hear the mobile completely clear for about one second prior to handoff to another cell.

FYI,

David

4994. What was that thing?

Newsgroup: rec.radio.scanner
Date: 1994-06-13 19:23:00 UTC
From: ric.topp@nccbbs.network23.com
Message-ID: <6657.11.uupcb@nccbbs.network23.com>
Source record: 273091

Not too long ago, there were many posts regarding a device
Radio Shack sold for about $20 which I could plug into my
PRO-43 mic jack and I could receive the output on my AM/FM
radio.

I forgot to write down what it was. Can anyone help? The local
Rat Shack guys don't know what I am talking about.

Thanks...Ric

. QMPro 1.52 . Dogs come when you call. Cats have answering machines.

4995. Re: Javiation still in business?

Newsgroup: rec.radio.scanner
Date: 1994-06-13 19:58:00 UTC
From: doc@webrider.central.sun.com
Message-ID: <2tido8$236@cronkite.Central.Sun.COM>
Source record: 273146

I just ordered a couple of scanner cases and an antenna from him last
week. Got a prompt reply, and am looking at receiving the merchandise
this week!.

Try "Clough@javiaton.demon.co.uk"

Enjoy,

Steve

In article DLITE@delphi.com, drbranine@delphi.com (David Branine) writes:
> Well, I e-mailed Mr. Clough at least twice, maybe 3 times without the
> courtesy of a reply.
>

--
-- Steve Bunis, Sun Microsystems ***DoD 0795*** 93-ST1100
-- Itasca, IL ***AMA 682049*** ***STOC 008***
-- ***HRCA HM125617** "This Space for Rent"
-- *** N9VLP ***
--
-- **
-- *** IN MEMORIUM - STOC #0001, DoD #1262 - Derek Catt ***
-- **

4996. PRO-2004 died, how about BC8500XLT?

Newsgroup: rec.radio.scanner
Date: 1994-06-13 20:45:59 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Jun13.204559.11868@rsg1.er.usgs.gov>
Source record: 273147

Hello,

My trusty old PRO-2004 died in its sleep over the weekend. I am
checking into having it repaired, but I have pretty much decided to replace
it either way. What advice can owners of the BC8500XLT offer regarding
that scanner? I've heard of the intermod problems, but I will be using it
as a base scanner in a small community about 5 miles from Sioux Falls hooked
to a RS discone antenna. It this scanner worthwhile, even though the
cellular is unrestorable? Anyone have availability/feature information
regarding the new 1000 channel Radio Shack scanner? Thanks...

--
++
+ Tom Bodoh - Section Manager, Systems Engineering and Management, Hughes STX +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) Amateur radio call; N0YGT +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

4997. Re: Yupiteru MVT 7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-06-13 23:23:37 UTC
From: mumfordc@delaware.et.byu.edu
Message-ID: <2tjesl$b9v@bones.et.byu.edu>
Source record: 273159

The best offer I have so far (first day) is $500 + COD UPS shipping

--
Clint Mumford mumfordc@hawaii.et.byu.edu

4998. Re: BC890XLT Power

Newsgroup: rec.radio.scanner
Date: 1994-06-14 00:07:20 UTC
From: btaylor@nbnet.nb.ca
Message-ID: <btaylor.34.0@nbnet.nb.ca>
Source record: 273149

In article <2thuek$d5d@hubcap.clemson.edu> jlloyd@aristotle.cs.clemson.edu (John LLoyd) writes:

> Sorry, I have such a boring question, but can someone please
>tell me whether the outside surface of the barrel connector for
>the 12VDC supply is positive or negative (the inside surface
>will of course be the opposite)? I want to make sure I have the
>polarity correct before I connect the scanner to a 12VDC source.

It is positive pin, negative ground, just like your car or truck. Actually, if you look at the power pak, on the back, you will see a little graphic which I cannot reproduce here. It is found just under the statement, "Output DC 13.8V 700 mA."

It shows the outside negative and the inside positive.

Good luck with the 890, it's a good rig.

Brent Taylor VE1JH
Doaktown, N.B. Canada

4999. Re: Ft. Lauderdale, FL freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-14 00:51:59 UTC
From: habu@gate.net
Message-ID: <2tiuvf$e4o@tequesta.gate.net>
Source record: 273150

RussM5 (russm5@aol.com) wrote:
: Has anyone scanned out the full range of frequencies on FLPD's new
: 800 comm system? I've gotten several but have limited time to search
: the band

Here some BSO and some unknown PD freqs.
853.2875 859.2625 857.21255
854.9875 859.46255 858.7125
854.2875 859.4875
854.0625 859.7375
855.2375 859.9875
855.4875 859.7125 These are straight out of my 2006,do you have
855.7375 857.9875 any military freqs or fed freqs for S.Florida?
855.9125 868.5875
855.9875 860.2625
855.9625 860.7625
856.9875 860.4375
856.9625 860.2375
856.7375 860.7125
856.4875 868.5375
857.7375 868.5125
857.4875 868.8875
857.7125 855.9375
858.7375 858.2125
858.9875 866.0125
858.4875 855.0375
858.9625 857.3875

857.7125.

5000. Re: BC2500xlt

Newsgroup: rec.radio.scanner
Date: 1994-06-14 01:35:58 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771576696@f747.n115.z1>
Source record: 273114

-=> Quoting Ben D. Hernandez to All <=-

BDH> From: Ben D. Hernandez <b_hernandez@macsch.com>
BDH>
BDH> Does anyone have any information about the BC2500xlt battery problems?
BDH> I have one that the battery finally needed recharging after scanning
BDH> for six hours, after charging it for 14 hours it would not hold a
BDH> charge. Uniden diavows any knowledge! Thanks!

Hi, Ben...
You got 6 hours?! I have only been able to get 5 max out of the two
packs I have.

Basically, the early production of 2500's had a problem with the
battery discharging while the unit was off. If not used for 2 or 3 days,
the battery would be dead. Apparently, too much current was being used to
keep the memory alive. Units purchased after December of '93 should have
the battery mod in place. If you aren't hesistant about opening your unit,
go ahead and do so. If you see 2 white wires being run on the inside of
the unit, then the battery mod has been performed.

As to why your pack won't charge...is the red light on the pack
lighting up? If it is not, then the pack or the adapter is defective.

Will it power up with the adapter plug in the unit?

Jerry

5001. Re: BEARCAT 2500 BATTERY

Newsgroup: rec.radio.scanner
Date: 1994-06-14 01:39:33 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771576697@f747.n115.z1>
Source record: 273115

-=> Quoting Robert C. Walker to All <=-

RCW> I've noticed some comments regarding a battery problem with the
RCW> 2500XLT in previous threads...but am hoping for a fuller reply.
RCW>
RCW> I've noticed the battery packs on my 2500XLT seem to last
RCW> sufficiently, but if I leave a charged pack on the set for 4-5 days
RCW> without using the set, the pack will be dead. I can't believe there
RCW> would be that much of a drain on the batteries? Any help or comments
RCW> appreciated.

Bob...
Some early production units did have a problem with the batteries dying out after 2 or 3 days and the unit off. Units purchased after Dec of '93 _should_ have the mod performed. If you are not sure, you can open up the unit and see if 2 white wires are being run through the unit. If they are, then the mod has been performed.

If you bought before December of '93, then the unit will definetely need to be modified. Send back to the address on the back cover of the owners manual, along with copy of receipt. Don't forget to ask for the second battery pack, which will be provided free.

Jerry

5002. Re: pro2032 vs. pro2026

Newsgroup: rec.radio.scanner
Date: 1994-06-14 01:49:40 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771576698@f747.n115.z1>
Source record: 273057

-=> Quoting Jesse Aaron Safir to All <=-

JAS> Looking to buy a base scanneraaa
JAS> wandering if I should get a pro2032 or 2026. Not big into scanners
JAS> but I do have a AR1500 which I don't like. Don't want to spend more
JAS> than the $220 that the 2032 is selling for now... Suggestions?
JAS>
JAS> Yes, I know the 2026 is a mobile scanner, but heck if it's only
JAS> $150 I can certainly use it at home if I need to...
JAS>
JAS> Also, is the 2032 cellular modifiable? Not a big concern, but I have
JAS> not seen any mods for it...

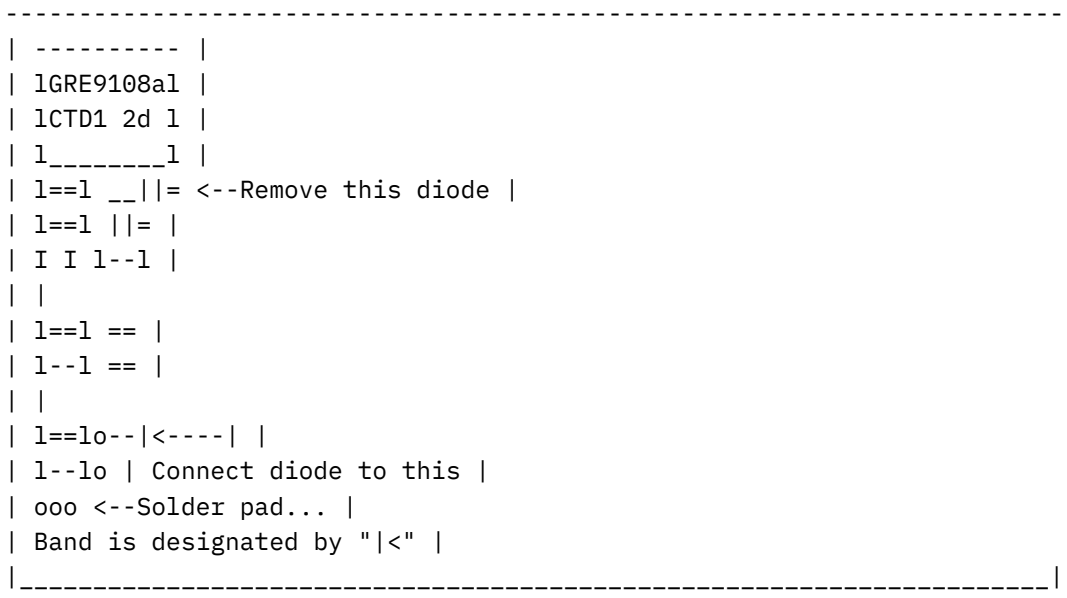
Product...Realistic PRO-2032 by Radio Shack
Purpose...Modify for continuous 800 Mhz coverage
in appropriate 30 Khz steps where applicable

** Disclaimer...All modifications are done AT YOUR OWN RISK.
** Performing this modification may void your warranty.
** Perfroming this modification may enable certain portions of the 800 Mhz
band that is illegal to monitor under federal U.S. law.
** I strongly suggest taking ESD precautions by getting a static strap as
this involves work with static sensitive devices. Any electronics store
should have one for purchase.

This information is from the June, 1994 issue of Monitoring Times, p.
112.

Required equipment...small-tip soldering iron, small gauge rosin core
solder, desoldering wick, Phillips screwdriver, 1N914 or 1N4148 diode.
1. With the scanner unplugged from power, remove both upper and lower
covers (foru screws in the rear of the cabinet), taking care not to damage
the speaker wires.
2. Set the scanner upside down with the back facing you. Locate the
microprocessor shield (upper left corner near volume and squelch controls).
Unsolder and remove the shield.
3. Refer to the diagram and locate the three-legged diode at the lower
right of the microprocessor chip. Carefully unsosolder and remove this
diode.
4. Referring to the diagram, place a 1N914 or 1N4148 switching diode
across the solder pads as shown. (NOTE POLARITY) Remove any excess leads
and carefully solder it in place. Be sure it's leads will not contact any
other components, paths or the reassembled shield. A small piece of tape
may be used as insulation if necessary.
5. Plug the scanner into power, turn it on and test the unit by entering
any frequency that may have been blocked in the 800 Mhz range.

6. If successful, unplug the unit and reassemble the scanner.


| ---------- |
| lGRE9108al |
| lCTD1 2d l |
| l________l |
| l==l __||= <--Remove this diode |
| l==l ||= |
| I I l--l |
| |
| l==l == |
| l--l == |
| |
| l==lo--|<----| |
| l--lo | Connect diode to this |
| ooo <--Solder pad... |
| Band is designated by "|<" |

Jerry

5003. Re: This Week on Spectrum June 4, 1994

Newsgroup: rec.radio.scanner
Date: 1994-06-14 01:50:26 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <YpG$jGG8yn5G065yn@dorsai.dorsai.org>
Source record: 273116
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,alt.radio.pirate

In article <2tc1dj$337@ionews.io.org>, Niel J. Wolfish wrote:
> In article <1994Jun10.005903.24262@ptsfa.PacBell.COM>, lgbiede@ptsfa.PacBell.COM (Larry G Biedenweg) writes:
> >In article <IWxyjGG8yHh5065yn@dorsai.dorsai.org>
> bigsteve@dorsai.dorsai.org (Steve Coletti) writes:
> >>In article <2spikg$r8j@ionews.io.org>, Niel J. Wolfish wrote:
> >>> >On Saturday June 19'th Spectrum will celebrate its one year anniversary
> > ^^^^^^^^^^^^^^^^^^
> > ^^^^^^^^^^^^^^^^^^
> >>> >with a special show. You'll just have to tune in and find out what
> >>> >happens.
> >>>
> >>> Let me guess.... there will be a special interview with "Kristin Kaye" from
> >>> her/his/its secret hideout in Paraguay?
> >>
> >>Nope, we've got the entire RNI crew comming down and they will do the show
> >>to the total shock of George at WWCR.
> >
> >George won't be the only one shocked since Saturday is THE 18th *NOT* the
> >19th!!!
> >Larry G. Biedenweg
>
> Perhaps WWCR uses a different calendar than the rest of the world?

No, Dave just made a type-o.
--
< ^^>
< "Big Steve" Coletti >
< Shortwave Listener, Broadcaster, Computer Consultant >
< and all around nice guy >
< Internet: bigsteve@dorsai.dorsai.org ==== S.COLETTI2@genie.geis.com >
< UUCP: steve.cole@islenet.com ==== steveny@lopez.marquette.mi.us >
< Fidonet: 1:278/307 US Mail: P.O. Box 396, New York, NY 10002 >
< Voice: +1 212 995-2637 >
~~~~~~
~~~~~~

5004. Re: Uniden Sportcat

Newsgroup: rec.radio.scanner
Date: 1994-06-14 01:52:32 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771576699@f747.n115.z1>
Source record: 273059

-=> Quoting Henry Moody to All <=-

HM> Hello Chris,
HM> I am really surpised to see soo many messages inquiring on this little
HM> scanner! Especially considering it is so new. I purchased mine today
HM> at WalMart for 199.73 and so far I think its great! The sensitivity is
HM> as good as any scanner I have ever owned (right up into 800mhz)) . Just
HM> FYI, the Cellular Range has been disabled bu
HM> t I m sure it wont be long before a modification is listed to restore
HM> that range of freq's. I seen one comment here on the rec.scanner group
HM> that said that it resembles all most exactly the BC200XLT minus 100
HM> channels. If this is so, the mod for the BC
HM> 200XLT may apply to the SC150. I think I am going to pop the cover on
HM> mine and see if it uses the same , almost standard uniden chip in it!!!

Be advised that more than likely, this unit will not be modified for
cellular. This is the first of several units that are complying with the
law that makes it illegal to manufacture scanners that can be modified for
cellular reception after April 26, 1994.

Jerry

5005. Police Codes

Newsgroup: rec.radio.scanner
Date: 1994-06-14 02:32:44 UTC
From: jrs@fc.hp.com
Message-ID: <2tj4sc$58v@tadpole.fc.hp.com>
Source record: 273153

I am new to scanners and I wonder where to find the 10 and 20 codes that the police use. Also what are codes 1-4?

Thanks in advance for any replies,

John Spencer jrs@fc.hp.com

5006. PRO36 Questions / Mods ?

Newsgroup: rec.radio.scanner
Date: 1994-06-14 02:42:23 UTC
From: cps@access.digex.net
Message-ID: <2tj5ef$3iu@access3.digex.net>
Source record: 273154
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I just purchased a used PRO-36, and have some questions. The scanner didn't come with a manual. I've been able to figure most things out, except for searching. I can't do anything except get it to search either up or down from a frequency - I can't get it to search BETWEEN two limits.

Also, are there any mods for this scanner? Extra channels, faster scanning, expanded freqeuncy coverage, etc?

If someone could point to me an ftp site with mods for the PRO36, that would be appreciated also.

Thanks,

Chris

5007. AOR 900 PRIORITY GLITCH?

Newsgroup: rec.radio.scanner
Date: 1994-06-14 03:31:05 UTC
From: hodo_gary@macmail2.cig.mot.com
Message-ID: <hodo_gary-130694213105@mac-aj-4.cig.mot.com>
Source record: 273161

I have owned an AOR 900 handheld scanner for about 4 years now. It is a fairly reliable scanner with excellent sensitivity. The only problem I have encountered is that when the priority function is toggled on, the scanner will sample that priority channel every 6 seconds. As with most other scanners, the sampling rate is between 2 and 3 seconds. I have two friends who also have AOR 900 handhelds and experience the same problem. Is the sample rate written into the CPU or is there an internal adjustment that can be made to speed up the sample rate? Possiblly a resistor change? Ace Communications was not very helpful when I inquired. They said to send it in to be checked out. Considering my friends have experienced the same thing, I tend to think that there is nothing "wrong" with the unit. Any help with this problem will be greatly appreciated. I am using a friend's computer terminal. Please send to his address and address all Mail to me.

Thanks in Advance,

Dave Panek

5008. Re: FCC Database?

Newsgroup: rec.radio.scanner
Date: 1994-06-14 04:02:42 UTC
From: wsmith@huey.csun.edu
Message-ID: <wsmith.8.2DFD2BE2@huey.csun.edu>
Source record: 273156

In article <brett_miller.282.000DE231@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>From: brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ)
>Subject: Re: FCC Database?
>Date: Thu, 9 Jun 1994 13:52:55

>In article <scott.12.0006B339@hp8c.nrl.navy.mil> scott@hp8c.nrl.navy.mil (Scott) writes:

>>I recently read the posting regarding Calif freqs availible through telnet to
>>tcomeng.com. Does anyone know of anything like this that covers other states,
>>such as Md., DC, Va.?
>>Thanks in advance to all.

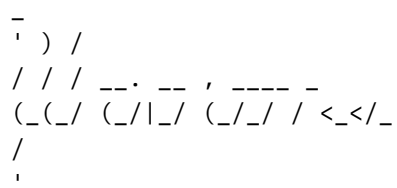
>I've never heard of any others.

>Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
>Intel Corp.
>American Fork, UT

Isn't it funny that in 1994, we just do not simply assume that some type of indirect access to FCC frequency records would be provided by the FCC on the Internet?

In any case, some information from the FCC is available. I find the NPRM's and the daily agenda's interesting. Point your gopher client to `gopher.fcc.gov'.

Wayne Smith
N6LHV



5009. Pro 2006 unused channel L/O

Newsgroup: rec.radio.scanner
Date: 1994-06-14 04:17:30 UTC
From: pthompson@walnut.prs.k12.nj.us
Message-ID: <1994Jun14.001730.931181@walnut.prs.k12.nj.us>
Source record: 273155

I just purchased a Pro 2006 with my eye on adding the Opto 456 board, and have a question about the channel entry method. It appears that all unused channels (0000.000) are scanned unless I specifically lock them out one by one. What am I missing here? I've never had a scanner before where blank channels defualt to being scanned. This slows scanning down considerably!

Also- is there really anything up there above 950 Mhz or so? I hear lots of birdies, but virtually no real activity. Perhaps it is the lack of a good antenna, but I would think I would here something...

Speaking of antennas- why doesn't anyone list gain characteristics for antennas in catalogs? I'm sure they are there somewhere, but I can't find them. I'm looking for an antenna that will give me good reception on the 46 Mhz range where I have various things to listen to, plus the 160s, 460s, and 930s. Obviously these are all going to call for quite different antenna characteristics. I read a lot about Discone antennas being good for wide ranges, but then some are supposed to be better than others. Is there any source for good independant testing of antennas? Is the Channel Master MoniTenna 5094A that the Grove catalog mentions any good, and available anywhere?

And of course I have to find something that will fit in a 45 inch high attic!

==========
Peter C. Thompson Phone: 609-683-4480
District Technical Coordinator Fax: 609-683-8622
Princeton Regional Schools pct@walnut.prs.k12.nj.us

5010. Re: Javiation still in business?

Newsgroup: rec.radio.scanner
Date: 1994-06-14 04:50:55 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun14.045055.16790@hpcvaac.cv.hp.com>
Source record: 273157

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
: In article <1994Jun12.072717.27985@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
:
: >: I recently bought a scanner from him and found the service was excellent;
: >: far better then any other mail order company.
:
: >But, you are in the UK. Maybe he does not get e-mail from the US, for some
: >reason.
:
: I posted a similar message on Compuserve where Jonathan seems to hang out
: more. He said that he never received my email !? I used the address he used
: in his .sig Maybe there are some selective routers along the way.

Could be, my messages never seem to get to him. However, they are not rejected, so they are just disappearing somewhere - without any notification.

Bill

5011. Re: Help with my Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-06-14 05:11:23 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun14.051123.17035@hpcvaac.cv.hp.com>
Source record: 273162

jmaikin@flash.LakeheadU.Ca (Julie "Yummie" Aikin) writes:
:
: on campus. I can hear one side of the conversation at 462, but I can't
: get the hand-held units broadcasts. I have a book that lists the
: frequencys for the province. It says that there are 4 channels here at
: the school. And there is only activity one one of them. And the last one
: at 27.950 I can't pick up. Can you broadcast on 462 and 27 with the same
: antenna? I'm trying to figure this whole thing out.

You could, but it would be highly ineffective. If one side of the conversation is on 462, then the other is either on the same frequency (simplex) or on a nearby frequency. Try listening 5 and 10 MHz above and below the frequency that you can hear - you may find them there (if they are duplex).

Bill

5012. Business Frequencies For Cedar Rapids Iowa Area

Newsgroup: rec.radio.scanner
Date: 1994-06-14 05:13:05 UTC
From: temp0107@mmc.mtmercy.edu
Message-ID: <9406140513.AA17061@mmc.mtmercy.edu>
Source record: 273166

I would appreciate any input, as far as frequency listings for business band licensees in the Cedar Rapids/East Central Iowa area. All bands vhf-lo,vhf-high, and UHF pnent.

Please respond to following address: temp0107@mmc.mtmercy.edu

Thank you,

Paul McCoy

5013. Business Band Frequencies for Cedar Rapids, Iowa Area

Newsgroup: rec.radio.scanner
Date: 1994-06-14 05:20:33 UTC
From: temp0107@mmc.mtmercy.edu
Message-ID: <9406140519.AA17076@mmc.mtmercy.edu>
Source record: 273158

Would appreciate any listing, full or partial that covers frequencies of business band licensees in the Cedar Rapids or Ea
East central Iowa Area.

Pleasse
respond to following address: temp0107@mmc.mtmercy.edu

Thank You

Paul McCoy

5014. Radio Shack PRO-36 Scanner Info Request

Newsgroup: rec.radio.scanner
Date: 1994-06-14 05:31:58 UTC
From: Gordon.Campbell@p3.f121.n249.z1.fidonet.org
Message-ID: <db1_9406141358@tvk.tsoft.net>
Source record: 272983

I'm looking for *any* mods/tech info for the above scanner. Mine is four
years
old and has been beaten around a little (I'm a news photographer).

I'm not necessarily looking for business band coverage, but if someone knows how to do it, I'll take it. :) What I'm mostly after is audio, scan speed, and/or memory mods. If it's possible to access the 300Mhz range, I'd love to hear that, too.

Any help is much appreciated.

Cheers,
.....G

--
Fidonet: Gordon Campbell 1:249/121.3
Internet: Gordon.Campbell@p3.f121.n249.z1.fidonet.org

This message was gated via the tvk.fidonet.org mail hub
Please! No mailing lists, FTP-Mail, or high-volume traffic!

5015. Re: ABC Nightline story on cellphone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-06-14 06:31:18 UTC
From: streak@foghorn.cc.utexas.edu
Message-ID: <2tjirm$i2l@foghorn.cc.utexas.edu>
Source record: 273160

In article <CrCEt6.4LF@nucleus.com>, Bill Fischer <wjf@nucleus.com> wrote:
>For a copy of the demo software, look in the Compuserve scanner library
>for a program entitled CELLDEMO.ZIP

Would someone mind uploading this to one of the archives? (oakland,
wuarchive, etc)

I'd kill to have a copy of this :)

--
email: streak@mail.utexas.edu * Jason Williams -- Austin, Tx. | |
main-> streak@ccwf.cc.utexas.edu * University of Texas at Austin | ___ |
streak@underg.ucf.org * Electrical and Computer Engineering _|_/
** |

5016. Re: AOR 900 PRIORITY GLITCH?

Newsgroup: rec.radio.scanner
Date: 1994-06-14 07:53:39 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.309.0007E530@ccm.hf.intel.com>
Source record: 273168

In article <hodo_gary-130694213105@mac-aj-4.cig.mot.com> hodo_gary@macmail2.cig.mot.com (Gary Hodo) writes:
>I have owned an AOR 900 handheld scanner for about 4 years now. It is a
>fairly reliable scanner with excellent sensitivity. The only problem I
>have encountered is that when the priority function is toggled on, the
>scanner will sample that priority channel every 6 seconds. As with most
>other scanners, the sampling rate is between 2 and 3 seconds. I have two
>friends who also have AOR 900 handhelds and experience the same problem.
>Is the sample rate written into the CPU or is there an internal adjustment
>that can be made to speed up the sample rate? Possiblly a resistor change?

There are several ways to implement this, so without a service manual it's anybody's guess. I would bet that the priority is built into the CPU such that when enabled, the ROM code executes the priority routine. If this were the case, the only way to increase the sampling would be to speed up the CPU so that it executes the code faster. On a more optimistic note, the CPU could be interrupt driven with an external source to generate the interrupt. If this were the case, you could probably do a mod to increase the sampling rate.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5017. Re: 216-220 MHz???

Newsgroup: rec.radio.scanner
Date: 1994-06-14 08:14:03 UTC
From: sfbobby@aol.com
Message-ID: <2tjosb$ei9@search01.news.aol.com>
Source record: 273163

In article <B26MXnV.wbloss@delphi.com>, wbloss@delphi.com writes:

Bruce James Robert Linley <linley@netcom.com> writes:

>After years of scanning, I just now noticed a small 4 MHz segment
that
>doesn't seem to be allocated to anything. It's the space between the
>end of TV channel 13, and the start of the
220-MHz-ACSB-stolen-from-the-
>ham-community band. My scanner won't cover this range, and I'm
curious

I have a few "export only" wireless microphones in this range...the
literature with the mics lists these freqs as 'Canadian Military
Frequencies'.

5018. Speed trap camaras.

Newsgroup: rec.radio.scanner
Date: 1994-06-14 11:12:05 UTC
From: K.M.Jansons@amtp.cam.ac.uk
Message-ID: <2tk3a5$8pk@lyra.csx.cam.ac.uk>
Source record: 273165

Does anyone know how the speed trap camaras that are appearing around the UK work. Do they use radar, and if so what freq. do they use.

5019. Re: Uniden Sportcat

Newsgroup: rec.radio.scanner
Date: 1994-06-14 11:25:27 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.310.000B6CEA@ccm.hf.intel.com>
Source record: 273085

In article <2992@wtcp.DaytonOH.NCR.COM> blangos@wtcp.DaytonOH.NCR.COM (Bruce Langos) writes:

>Someone posted a "test mode" for the Sportcat that would only have to be done
>once to get the extended 800mhz. receive. Can you please post again. These
>radios are suppose to be unmodifiable and if this works I would like to try
>it.

If memory serves me correctly (which is questionable), the mod was for the Pro-51 (and 23). The reason it won't work on the SportCat or BC 220XLT, is that they don't have a "direct search" function. The way it works is to load this one cell freq into memory and do a direct search from there. Without the direct search, even if you could get the frequency into memory, you couldn't do anything with it.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5020. Mackinac Island freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-14 11:35:46 UTC
From: jcowall@apounix.apo.ford.com
Message-ID: <jcowall.26.00796276@apounix.apo.ford.com>
Source record: 273173
Cross-posted to: rec.radio.scanner,alt.great-lakes

I'll be vacationing on Mackinac Island soon, and seem to recall
seeing a nice list of cool frequencies to scan around there.
Anybody got one? Also, are there any good 2m/440 repeaters?
I'll watch rec.radio.scanner and alt.g-l, or you can also reach me
at jgc@pookie.pass.wayne.edu or (amateur packet) n8kpa@n8nnn.#semi.mi.usa

Thanks, all!
regards, jeff.

5021. Uniden Sportcat

Newsgroup: rec.radio.scanner
Date: 1994-06-14 12:21:43 UTC
From: blangos@wtcp.DaytonOH.NCR.COM
Message-ID: <2992@wtcp.DaytonOH.NCR.COM>
Source record: 273077

Someone posted a "test mode" for the Sportcat that would only have to be done once to get the extended 800mhz. receive. Can you please post again. These radios are suppose to be unmodifiable and if this works I would like to try it.

Thanks
--
Bruce Langos
Workstation Products Division
Bruce.Langos@wtcp.DaytonOH.NCR.COM
...!uunet!ncrcom!ciss!wtcp!blangos

5022. Re: Legal scanner states

Newsgroup: rec.radio.scanner
Date: 1994-06-14 12:36:35 UTC
From: gbelton@cris.com
Message-ID: <moC-jastesol065yn@cris.com>
Source record: 273167

In article <1994Jun10.160432.4066@rsg1.er.usgs.gov>, Tom Bodoh wrote:
> In article <0005713E.fc@aardvark.bah.rochester.ny.us>,
Joe_A._Walker@aardvark.bah.rochester.ny.us (Joe A. Walker) writes:
> |> To my knowledge the law that bans scanners does NOT apply to hams. I will post
>
> The exemptions were written for 'amateur equipment' which may be deemed by
> a cop not to include scanners. Many copy would not know or care about the
> difference, but some might...

Bull. Program the frequency of your favorite repeater into one channel of
your scanner. It is now "amateur equipment."

And the local cop doesn't get to decide if it is or if it isn't. You have
a FEDERAL license for amateur radio equipment, and the FEDERAL rules
pre-empt the state or local rules.

And you don't even have to learn morse code. . . .

5023. Re: PRO-2004 died, how about BC8500XLT?

Newsgroup: rec.radio.scanner
Date: 1994-06-14 12:36:46 UTC
From: steven@sgb.oau.org
Message-ID: <CrE0DB.ED9@sgb.oau.org>
Source record: 273093

Tom Bodoh (bodoh@dgg.cr.usgs.gov) wrote:
: to a RS discone antenna. It this scanner worthwhile, even though the
: cellular is unrestorable? Anyone have availability/feature information
^^^^^^^^^^^^

Has ANYONE looked at an international version of this receiver and/or service manual if available to determine specifically what needs changing to restore the cellular? I can not see how a radio could get everything else in 800 mhz except for those two slices. Obviously the RF section is intact. So, whats the mod or part change needed? I can not believe they could have made a receiver that a radio enthuiast could not figure out?... Is it true -- that the manufacturers have been this successful in their brainwashing activities?

What are the exact frequency capabilities of the INTERNATIONAL/EUROPEAN version? Jonathon? Anyone know?

: regarding the new 1000 channel Radio Shack scanner? Thanks...

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5024. Re: Speed trap camaras.

Newsgroup: rec.radio.scanner
Date: 1994-06-14 13:23:31 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.311.000D64BB@ccm.hf.intel.com>
Source record: 273087

In article <2tkmcu$s2@newshost.lanl.gov> ggs@lanl.gov writes:
...
>comming into service. The newest units also offer some form of laser detector
>also not a bad idea as this form of harassment is gaining popularity with
>traffic police every where.

I know this is the wrong forum but...
What good is a laser detector?
If the beam is aimed at you, the lock time is so fast that you're dead.
If the beam is not aimed at you, how can your detector detect it? The beam
spread is only inches wide.

??

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5025. Re: Strange Noises Around 860MHz

Newsgroup: rec.radio.scanner
Date: 1994-06-14 13:34:51 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.312.000D9521@ccm.hf.intel.com>
Source record: 273088

In article <1994Jun14.171742.24838@erenj.com> (NE) writes:
>I've noticed every so often that certain channels will be active and then
>later all one hears is what can best be described as 'a loud, continuous
>truck engine sound'. It appears to be most common in the 800Mhz region.
>What is this common occurance that I'm sure everyone but me understands?
>Thanks.

This is the sound of a trunked system control channel. The channel hops
around to give the repeaters a rest from continuous transmission. If you are
scanning the system, you just have to lock it out and then unlock the
frequency that used to have the noise on it.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5026. Re: Yupiteru MVT 7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-06-14 14:03:30 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.314.000E0F5A@ccm.hf.intel.com>
Source record: 273089

In article <1994Jun14.173137.5996@rsd.dl.nec.com> dave@rsd.dl.nec.com (Dave Rogers)
writes:
>In article <brett_miller.303.000DB4E7@ccm.hf.intel.com>
>brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>>In article <crispCrCIo2.Gou@netcom.com> crisp@netcom.com (Richard Crisp)
>writes:
>>
>>>I'll offer you $475 for it.
>>
>>Trying to demonstrate market economics again Richard?
>>
>>I'll offer $476 :-)
>>

>Heck, I was offered $700 for mine this last weekend at HAM-COM in
>Arlington, TX.

I was just poking fun at Richard since he was selling one for over $700 last
month. No offense indended.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5027. Detroit Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-14 14:48:26 UTC
From: trample@gaul.csd.uwo.ca
Message-ID: <2tkfvq$7lq@falcon.ccs.uwo.ca>
Source record: 273171

Can someone please post the police, fire, and ambulance frequencies for Detroit. I'll be heading down that way soon and expect it to be interesting. Thanks in advance!

5028. Re: Why is the Pro-2006 D503 mod available?

Newsgroup: rec.radio.scanner
Date: 1994-06-14 15:05:04 UTC
From: gjermund@ifi.uio.no
Message-ID: <2tkgv0$4ft@maud.ifi.uio.no>
Source record: 273169

In article <wb9omc.771183535@constellation.ecn.purdue.edu>,
wb9omc@constellation.ecn.purdue.edu (Duane P Mantick) writes:
> magnet@nRCHs022 (Brad Glidewell) writes:
>
> Aside for the D502 and D503 thing (extended coverage and scan
> speed) I noticed that there is also a spot for a D504 (hope I have those
> numbers right) which is evidently installed in some non-US versions of
> the radio. Anybody know what this does?
>
> Duane
>

My guess is that a D504 diode enables a circuit that prevents certain
bands from being monitored, just like the D502 does. This is because
different countries have different laws as to what frequencies you are
allowed to listen to. Hmm, I might buy a diode, plug it in and check
it out just for fun. :)

Which brings me to this question: I located the 4 spots for the D50x
diodes (top corner behind the keys). But, apart from the top one, D503,
the numbers are covered up by soldering! I can only see "D50", not the
last digit. Which is which...? Picture of the board layout:

D503 o <-- has a diode in it

D50? o <-- is empty

D50? o <-- has a diode in it

D50? o <-- is empty

--
Gjermund Sorseth

5029. 216-220 MHz???

Newsgroup: rec.radio.scanner
Date: 1994-06-14 15:06:00 UTC
From: russell.wright@xoanon.com
Message-ID: <9406141440176131@xoanon.com>
Source record: 273097

L>From: linley@netcom.com (Bruce James Robert Linley)
>Subject: 216-220 MHz???

L>After years of scanning, I just now noticed a small 4 MHz segment that
>doesn't seem to be allocated to anything. It's the space between the

I live on the Gulf of Mexico near Galveston. Here, that part of the
spectrum is used for ship to shore telephone and data comms.

Russell Wright russell@xoanon.com

5030. RS PRO 2032

Newsgroup: rec.radio.scanner
Date: 1994-06-14 15:10:51 UTC
From: tbohr1@ed8751.pto.ford.com
Message-ID: <2tkh9r$fkj@ef2007.efhd.ford.com>
Source record: 273172

I just bought a RS PRO 2032. Its a desktop 200 channel. Seems to be a double conversion model. Its pretty much the same as my PRO-39 handheld (200 channel) except its a desktop. Anyone else have one, or any experience (mods, etc.) with this model. It was on sale for $229. thanks.

5031. PRO-44 mods anywhere

Newsgroup: rec.radio.scanner
Date: 1994-06-14 15:28:13 UTC
From: pbroder@sfaadm.sfasu.edu
Message-ID: <1994Jun14.092813.1@sfaadm.sfasu.edu>
Source record: 273170

Does anyone know of any mods to Radio Shack's PRO-44, I can't find any on FTP sites so maybe there simply aren't any.

thanks

5032. Re: ABC Nightline story on cellphone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-06-14 15:38:15 UTC
From: x90diget@wmich.edu
Message-ID: <1994Jun14.113815.18769@wmichgw>
Source record: 273075

In article <CrCEt6.4LF@nucleus.com>, wjf@nucleus.com (Bill Fischer) writes:
> For a copy of the demo software, look in the Compuserve scanner library
> for a program entitled CELLDEMO.ZIP
>
> Regards,
>
> Bill Fischer Internet: Bill.Fischer@T8000.CUC.AB.CA
> Electronic Countermeasures Inc. +1-403-233-0644 Fax: +1-403-233-8849
> 65 - 31 Avenue South West Calgary, AB, Canada T2S 2Y7

Could someone upload load this to oak.oakland.edu???

Thanx.

****
Derek L. Diget Work: 616.388.8519 or 800.878.3882 ext. 8519
Fax: 616.388.5151
Western Michigan University InterNet: x90diget@wmich.edu
****

5033. Re: Help needed regarding cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-14 15:45:50 UTC
From: x90diget@wmich.edu
Message-ID: <1994Jun14.114551.18770@wmichgw>
Source record: 273174

Thread started by jim@ttech.com (Jim Wayda), Transitional Technology, Inc

>> When monitoring cellular communication in the frequency range of 869mhz to
>> 894mhz there are many instances when I can only hear one of the parties
>> involved in the conversation. In other instances, I can hear both parties
>> involved in the conversation. Can someone please provide information as to
>> why this is happening?.

From my experiance I have found the following. The wireline company's bases
do not rebroadcast the mobile side of the transmission while the non-wireline
company's bases do rebroadcast the mobile transmission.

Here are the frequency allocations:

Wireline cell sites (bases): 880.020 - 889.980 Mhz
Wireline mobiles (car phones): 835.020 - 844.980 Mhz

Non-Wireline cell sites (bases): 870.030 - 879.990 Mhz
Non-Wireline mobiles (car phones): 825.030 - 834.990 Mhz

These frequencies are for a system that is using the 870 to 890 Mhz format.
It is not as clear cut of whos' freq. is who's when you are using a
system in the 869 to 894 Mhz range. (Only the 869 - 870 and 890 - 894 are
different than above.)

****
Derek L. Diget Work: 616.388.8519 or 800.878.3882 ext. 8519
Fax: 616.388.5151
Western Michigan University InterNet: x90diget@wmich.edu
****

5034. Re: FCC Database?

Newsgroup: rec.radio.scanner
Date: 1994-06-14 16:30:00 UTC
From: x90diget@wmich.edu
Message-ID: <1994Jun14.123000.18777@wmichgw>
Source record: 273076

In article <wsmith.8.2DFD2BE2@huey.csun.edu>, wsmith@huey.csun.edu (Wayne Smith) writes:

> Isn't it funny that in 1994, we just do not simply assume that some type of
> indirect access to FCC frequency records would be provided by the FCC on the
> Internet?
>
> In any case, some information from the FCC is available. I find the NPRM's
> and the daily agenda's interesting. Point your gopher client to
> `gopher.fcc.gov'.
>
> Wayne Smith
> N6LHV
>
> _
> ') /
> / / / __. __ , ____ _
> (_(_/ (_/|_/ (_/_/ / <_</_
> /

Who should we start mailing at the FCC to get them to post the master on
their gopher?? Should it be via snail mail or E-mail? What is the phone
number?

****
Derek L. Diget Work: 616.388.8519 or 800.878.3882 ext. 8519
Fax: 616.388.5151
Western Michigan University InterNet: x90diget@wmich.edu
****

5035. Re: Help needed regarding cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-14 16:39:19 UTC
From: horak@convex.com
Message-ID: <horak.771611959@convex.com>
Source record: 273078

In <1994Jun14.114551.18770@wmichgw> x90diget@wmich.edu (Derek L. Diget) writes:

>From my experiance I have found the following. The wireline company's bases
>do not rebroadcast the mobile side of the transmission while the non-wireline
>company's bases do rebroadcast the mobile transmission.

I have found this to be incorrect, at least in the Dallas/Ft. Worth area.
Several base channels in both groups broadcast one side of the
conversation only. I'm not sure why unless it has to do with the
specific switch assigned for that channel. I can't recall ever chasing
one of these one-sided calls to another cell frequency to see if it is
still one sided. That would provide some interesting information though.

David

5036. Space Shuttle Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-14 16:45:49 UTC
From: robert.gruen@sdrc.com
Message-ID: <8711@heimdall.sdrc.com>
Source record: 273113

I was wondering if the public is allowed to monitor the Space shuttle? Is this even possible? Does anyone know the proper frequencies?

Thanks!

Bob Gruen
Zarlok@delphi.com
Robert.Gruen@sdrc.com

5037. Strange Noises Around 860MHz

Newsgroup: rec.radio.scanner
Date: 1994-06-14 17:17:42 UTC
From: (unknown)
Message-ID: <1994Jun14.171742.24838@erenj.com>
Source record: 273083

I've noticed every so often that certain channels will be active and then later all one hears is what can best be described as 'a loud, continuous truck engine sound'. It appears to be most common in the 800Mhz region. What is this common occurance that I'm sure everyone but me understands? Thanks.

5038. PRO-42 modifications?

Newsgroup: rec.radio.scanner
Date: 1994-06-14 17:20:28 UTC
From: voltaire@maple.circa.ufl.edu
Message-ID: <2tkossINNe35@no-names.nerdc.ufl.edu>
Source record: 273081

Does anyone know of any modifications for the (okay, don't laugh)
Pro-42 scanner? I'm really just trying to find mods to close the gaps
in its coverage--I don't really need the 800 MHz mods.

Voltaire

5039. Re: Speed trap camaras.

Newsgroup: rec.radio.scanner
Date: 1994-06-14 17:30:38 UTC
From: ggs@lanl.gov
Message-ID: <2tkmcu$s2@newshost.lanl.gov>
Source record: 273079

In article <2tk3a5$8pk@lyra.csx.cam.ac.uk>, <K.M.Jansons@amtp.cam.ac.uk>
writes:
> Path:
newshost.lanl.gov!mustang.mst6.lanl.gov!nntp-server.caltech.edu!netline-fddi.jp
l.nasa.gov!elroy.jpl.nasa.gov!swrinde!pipex!lyra.csx.cam.ac.uk!K.M.Jansons
> From: K.M.Jansons@amtp.cam.ac.uk (Kalvis Jansons)
> Newsgroups: rec.radio.scanner
> Subject: Speed trap camaras.
> Date: 14 Jun 1994 11:12:05 GMT
> Organization: University of Cambridge, DAMTP
> Lines: 3
> Distribution: world
> Message-ID: <2tk3a5$8pk@lyra.csx.cam.ac.uk>
> NNTP-Posting-Host: inn.amtp.cam.ac.uk
> Keywords: speed trap camara
>
> Does anyone know how the speed trap camaras that are appearing around
> the UK work. Do they use radar, and if so what freq. do they use.
>
They are from the Swiss; suprise suprise, the ones that showed up here
in the US operate in the Ka band about 34 Ghz. All the US radar detector
suppliers offer models that cover this band. If you choose to get such
a detector get one of the frequency agile models that sweep the entire
Ka band as there are a lot of hand held units in another part of this band
comming into service. The newest units also offer some form of laser detector
also not a bad idea as this form of harassment is gaining popularity with
traffic police every where. We call our traffic cops tax collectors with
guns, since your cops don't have guns for the most part perhaps just taxman
would be appropriate (with all due apologies to the Beatles) Cheers
Gerald Schmitt KC5EGG

5040. Re: Yupiteru MVT 7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-06-14 17:31:37 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Jun14.173137.5996@rsd.dl.nec.com>
Source record: 273084

In article <brett_miller.303.000DB4E7@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>In article <crispCrCIo2.Gou@netcom.com> crisp@netcom.com (Richard Crisp) writes:
>
>>I'll offer you $475 for it.
>
>Trying to demonstrate market economics again Richard?
>
>I'll offer $476 :-)
>

Heck, I was offered $700 for mine this last weekend at HAM-COM in Arlington, TX.

dave

Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

In the absence of leadership, we have decided to follow ourselves.

5041. HELP: Regency TS-2

Newsgroup: rec.radio.scanner
Date: 1994-06-14 17:41:10 UTC
From: dprkk@ceco.ceco.com
Message-ID: <CrEEGn.8Fw@ceco.ceco.com>
Source record: 273082

I have a Regency scanner, (I think the model # is TS-2), that includes the 900Mhz band. It is a few years old and has failed for the second time. The first time I sent it back to Regency while they were still in business. Where can I send this unit for repair now? Also, does anyone know of any mods for this unit? Any info is greatly appreciated.

Ken K.

5042. Q: Why can't I get anything on the CHP mobile frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-14 17:51:18 UTC
From: sam@sparc.SanDiegoCA.ncr.com
Message-ID: <1994Jun14.175118.18027@sparc.SanDiegoCA.ncr.com>
Source record: 272769

In the latest edition of Police Call (1994), I have pulled out the
frequencies for the CHP out of Oceanside - both the base 42.420 and
the associated mobiles 42.840. I also have the extender channel
154.905 loaded up. I get wondeful results on the base channel but
hardly anything on the mobile channel.

What's up with this ?!

--
==
Scott Michael |
AT&T Global Information Solutions | Voice : (619) 485-3943
Decision Enabling System Division | Fax : (619) 485-3765
17095 Via Del Campo | UUCP : sv001!sam@ucsd.edu
San Diego, CA 92127-1711 | scott.michael@sandiegoca.ncr.com

5043. Re: ABC Nightline story on cellphone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-06-14 18:10:52 UTC
From: copeland@metronet.com
Message-ID: <CrEFu5.Dnr@metronet.com>
Source record: 273086

In article <1994Jun14.113815.18769@wmichgw>,
Derek L. Diget <x90diget@wmich.edu> wrote:
>In article <CrCEt6.4LF@nucleus.com>, wjf@nucleus.com (Bill Fischer) writes:
>> For a copy of the demo software, look in the Compuserve scanner library
>> for a program entitled CELLDEMO.ZIP
>>
>
>Could someone upload load this to oak.oakland.edu???

Here is where the famous celldemo.zip program can be obtained:
FTP your heart out.

Host grivel.une.edu.au (129.180.4.7)
Last updated 22:54 10 Jun 1994

Location: /pub/ham-radio/funet/dx/software/msdos/rx-control
FILE -r--r--r-- 89970 bytes 14:41 29 Dec 1993 celldemo.zip

--

| copeland@metronet.com |

5044. Icom R1's display problem

Newsgroup: rec.radio.scanner
Date: 1994-06-14 18:24:39 UTC
From: tom.polous@n9csa.com
Message-ID: <9406150042162636@n9csa.com>
Source record: 273109

Recently I purchased a Icom R1, and I have noticed that the lcd display is missing the first line of the numbers and the letters 'WFM' in WFM mode. The strange thing about it is that in all other modes, the display is fine. I have adjusted the contast with no luck. I called the dealer in which I purchased it, and he can't explain why it is happening. Any ideas?

Tom Polous

5045. Re: BEARCAT 2500 BATTERY

Newsgroup: rec.radio.scanner
Date: 1994-06-14 18:53:56 UTC
From: rouse@mayo.edu
Message-ID: <2tkngj$mf7@fermat.mayo.edu>
Source record: 273080

In article <CrCBu0.M5D@draco.macsch.com>, <b_hernandez@macsch.com> writes:
> Newsgroups: rec.radio.scanner
> Path:
mayonews.mayo.edu!newsdist.tc.umn.edu!umn.edu!spool.mu.edu!agate!ihnp4.ucsd.edu
!usc!elroy.jpl.nasa.gov!netline-fddi.jpl.nasa.gov!nntp-server.caltech.edu!draco
macsch.com!usenet
> From: Ben D. Hernandez <b_hernandez@macsch.com>
> Subject: Re: BEARCAT 2500 BATTERY
> Message-ID: <CrCBu0.M5D@draco.macsch.com>
> X-Xxdate: Mon, 13 Jun 94 15:49:03 GMT
> Sender: usenet@draco.macsch.com (Usenet Poster)
> Organization: The MacNeal-Schwendler Corp.
> X-Useragent: Nuntius v1.1.1d20
> References: <CrAAM7.MuM@freenet.carleton.ca>
> Date: Mon, 13 Jun 1994 14:49:11 GMT
> Lines: 22
>

>
> I just got off the phone with Uniden (1-800-297-1023) and they told me to
> send in my BC2500xlt for a battery "enhancement". This mod is supposed to
> fix the battery going dead if left unplugged, and short battery life. My
> BC2500xlt did not have short battery life, the battery just refuses to
> hold a charge after scanning for six hours. If you have done any "mods"
> of your own be warned that the unit will come back with factory specs!
>
> -Ben
Ben

I sent my BC2500XLT back to Uniden (Jan 94) for battery life enhancements after
it had been "modified" to recieve 800 Mhz, it came back with the enhancements
and the mod left intact.

mark
had been modified

5046. RE: IC-2SRA VS. FT-530

Newsgroup: rec.radio.scanner
Date: 1994-06-14 19:14:16 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9406141914.0R0XG00@chrysalis.org>
Source record: 273101

i just bought an ic2sra. the scanner antenna has been improved and is very secure. wont fall out, and takes some doing to pull it out. it also works great. sensitivity is very good through out the scanner coverage and for the ranges that is in the ham section, the sensitivity is excellent. go to some ham conventions that have manufacturer displays and check it out. i got a good price on my at the ham-com show in tx. 73. wb5kxw

5047. Re: Help needed regarding cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-14 20:02:43 UTC
From: johng@ecs.comm.mot.com
Message-ID: <johng-140694150243@johng.comm.mot.com>
Source record: 273102

> What you describe is typicall of cellular systems. I have heard a couple
> of explanations. I believe it is done deliberately because the cellular
> companies know that calls can be monitored. So, the landline portion is
> the only thing received. In some cases, some systems still echo the
> carphone side of the conversation.

Not having the mobile audio repeated back on the base frequency also
results in better vechicular speakerphone operation. It puts some
attenuation in the feedback path.
--
John Gilbert johng@ecs.comm.mot.com KA4JMC

5048. Re: Yupiteru MVT 7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-06-14 20:22:24 UTC
From: jkearman@arrl.org
Message-ID: <1994Jun14.202224.28276@arrl.org>
Source record: 273027

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:

: Trying to demonstrate market economics again Richard?

: I'll offer $476 :-)

Let's not get this started again! I bought mine used last
November for $475. I hereby claim that as the "going rate"
for a used Yupi 7100.

Hope everyone's enjoying the sporadic E.

Jim

5049. Is the Pro-42 the same as always?

Newsgroup: rec.radio.scanner
Date: 1994-06-14 20:30:10 UTC
From: jeff@vicorp.com
Message-ID: <1994Jun14.203010.14261@vicorp.com>
Source record: 273106

I've been looking at buying a scanner, a Radio Shack Pro 43 exactly.
I was talking to a freind of mine and he told be that the new scanners arn't
as good as the older ones (ones from a couple of years ago), he claims
the older ones could get more frequencies. Is this true?
Also does anyone have frequencies for the National Forestry Service,
I'm going to do some camping in Wyoming and would like to listen to what
the rangers are saying.

Thanks,
and Please reply to:
jeff@vicorp.com

5050. Re: Scanners

Newsgroup: rec.radio.scanner
Date: 1994-06-14 21:43:40 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771648472@f747.n115.z1>
Source record: 273058

-=> Quoting Cosimo Delrosso to All <=-

CD> The Dx Connection bbs is in need of the latest mod files for all
CD> scanners...
CD>
CD> If you have any to share please let me know..
CD>
I have mods typed up for '34, 39, 43, 46, 2030, 2032 and Uniden Bearcat
2500. Can I net mail them to you? Would seem a bit much to post them all
over the echo.

Jerry

5051. Re: Help needed regarding cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-14 22:08:24 UTC
From: meyer@squirrel.cig.mot.com
Message-ID: <2tl9oo$hu9@delphinium.cig.mot.com>
Source record: 273108

In article <brett_miller.306.000FAE2C@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>In article <horak.771534617@convex.com> horak@convex.com (David Horak) writes:
>>In <brett_miller.284.00129FBE@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com >>(Brett Miller - N7OLQ) writes:
>
>>>Anyway, the reason you only hear half of the conversation is that the local >>>switching office does not always feed the cellular callers voice back to >>>himself (known as side-tone or "battery").
>
>>I have noticed that while I am listening to one of these one-sided >>conversations, I can hear the mobile completely clear for about one >>second prior to handoff to another cell.
>
>Yes, I have noticed this also. I'm not sure exactly why but I think it is >realted to the fact that the little data chirp you hear, tells the phone to go >to full power just before the handoff. It may tell the phone to do more than >that but I'm not sure. Maybe Bill Fisher can fill us in on the details.
>
>
>Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
>Intel Corp.
>American Fork, UT

I think the cell site and the phone are on 45mhz split frequencies. I don't know which is which. If this is the case for all cell systems why would the base site side-tone the callers voice back again on the phones own transmit frequency? (It has to be the same one since I can occasionally hear it full duplex.) I suppose the phones could do signal quality monitoring but I can think of lots better places to do that than in the phone itself. Perhaps there are some legacy systems that are full duplex on a single frequency.

As for the chirp-tone, I thought that signalled the PHONE to switch frequencies to pick up the new base site. The original frequency stays clear for 'a while' so that if the handoff fails the phone is still connected to the handoff code and can thereby try another handoff.

Distilled conjecture.

Paul Meyer
Independent Contractor
The Midwest

5052. Re: Police Codes

Newsgroup: rec.radio.scanner
Date: 1994-06-14 22:19:02 UTC
From: j4dice@aol.com
Message-ID: <2tlacm$o91@search01.news.aol.com>
Source record: 273090

In article <2tj4sc$58v@tadpole.fc.hp.com>, jrs@fc.hp.com (John Spencer) writes:

>I am new to scanners and I wonder where to find the 10 and 20 codes that
>the police use. Also what are codes 1-4?

What P.D. are you looking for? The codes vary from P.D. to P.D., but if you say which P.D. you're looking for, someone may have them and be able to help you. Also, a good source is Police Call (available at your local Radio Shack), which lists the 10-codes of many larger cities in the back.

Jim Fordyce
jim4dice@aol.com

5053. VHF Low Band Skip

Newsgroup: rec.radio.scanner
Date: 1994-06-14 23:31:00 UTC
From: russell.wright@xoanon.com
Message-ID: <9406151440276183@xoanon.com>
Source record: 273053

The following were monitored from my location near Galveston, Texas this afternoon during the short VHF low band opening.

31.440 Business
36.200 Military; 'Tower'
36.600 Military; Range Control
38.800 Military; Range Control
38.900 Military; Range Control
38.950 Military; Range Control, 'unexploded smoke grenade..'
39.400 Police; '17th @ Anderson', 'Fairchild' (any idea where this is?)
39.980 Police; 'Omaha Sheriff...'(is this freq used by the sheriff in Omaha?)
41.000 Military; helos
41.500 Military; 'radio check...'
42.600 Police; Georgia?

russell@xoanon.com

5054. Help making a dipole antena

Newsgroup: rec.radio.scanner
Date: 1994-06-14 23:48:25 UTC
From: rout0003@maroon.tc.umn.edu
Message-ID: <rout0003.771637705@maroon>
Source record: 273092

I have already seen some posts on making a dipole antena, however, I didn't have a scanner at the time so I didn't save any of the articles. I've talked to several people and it doesn't sound too difficult but I don't know what the best length should be, etc.

Thanks for any help!
-Andy

5055. Re: Pro 2006 unused channel L/O

Newsgroup: rec.radio.scanner
Date: 1994-06-15 00:00:04 UTC
From: photogrope@aol.com
Message-ID: <2tlga4$psg@search01.news.aol.com>
Source record: 273095

In article <1994Jun14.001730.931181@walnut.prs.k12.nj.us>,
pthompson@walnut.prs.k12.nj.us (Peter Thompson) writes:

>I just purchased a Pro 2006 with my eye on adding the Opto 456
board, and
>have a question about the channel entry method. It appears that all
unused
>channels (0000.000) are scanned unless I specifically lock them out
one by
>one. What am I missing here?

You are not missing a thing. Thats the way you have to do it. One at
a time.l

5056. FOR SALE: Pro 2001 Scanner!

Newsgroup: rec.radio.scanner
Date: 1994-06-15 00:00:19 UTC
From: mmarasch@nyx10.cs.du.edu
Message-ID: <2tlgaj$cio@nyx10.cs.du.edu>
Source record: 273094
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hello boys and girls!!!

Now you too can have your own genuinely ancient PRO2001 scanner.

Features:
16 channels
Frequency search
two antennas
Runs off from ac or 12 volt dc sources!
LED display
Pretty good sized.

This is actually a pretty good scanner for someone interested in checking
out the hobby.

It covers frequencies from: Shoot. Lost my list.
It will not cover aircraft.

It will not cover cellular/800mhz.

It does cover ~50 megahertz, 100some, and ~450 megahertz. I can
find the specifics if you want them.

This, I believe, is the first non crystal type scanner radio shack
put out.

Interested?

Email or phone call

mm884030@longs.lance.colostate.edu
or (303)444-8151

thanks for your time.

5057. Re: BEARCAT 2500 BATTERY

Newsgroup: rec.radio.scanner
Date: 1994-06-15 00:11:52 UTC
From: hayden@krypton.mankato.msus.edu
Message-ID: <1994Jun14.191153.7041@vax1.mankato.msus.edu>
Source record: 273107

Robert C. Walker mumbled something like:
:-> I've noticed some comments regarding a battery problem with the 2500XLT in
:-> previous threads...but am hoping for a fuller reply.

:-> I've noticed the battery packs on my 2500XLT seem to last sufficiently,
:-> but if I leave a charged pack on the set for 4-5 days without using the
:-> set, the pack will be dead. I can't believe there would be that much of a
:-> drain on the batteries? Any help or comments appreciated.

I've had no problems like you have mentioned with mine. As a matter of
fact, I moved last week, packed the radio, and six days later pulled it
out. It worked for quite some time then before it auto-shutoff for a low
bettery (at least several hours).

--
____ Robert A. Hayden <=> hayden@krypton.mankato.msus.edu
\ /__ -=-=-=-=- <=> -=-=-=-=-
\/ / Finger for Geek Code Info <=> I do not necessarily speak for the
\/ Finger for PGP Public Key <=> City of Mankato or Blue Earth County
-=-=-=-=-=-=-=-
(GEEK CODE 1.0.1) GAT d- -p+(---) c++(++++) l++ u++ e+/* m++(*)@ s-/++
n-(---) h+(*) f+ g+ w++ t++ r++ y+(*)

5058. Re: Sporadic E Opening to New England

Newsgroup: rec.radio.scanner
Date: 1994-06-15 00:15:01 UTC
From: sds910@aol.com
Message-ID: <2tlh65$q12@search01.news.aol.com>
Source record: 273096

There was a tremendous amount of e-skip this past weekend coming in to NYC, particularly noticeable at TV channels 2-4. We were able to copy TV stations from several cities in Louisiana (!), Tampa, FL and, oddly, Illinois!

All this was done on a portable set with a pair of rabbit ears....

Never mind how the PRO-2006 was buzzing! ;)

Steve Shorten

5059. Russian needs help!

Newsgroup: rec.radio.scanner
Date: 1994-06-15 00:44:53 UTC
From: mpage@netcom.com
Message-ID: <mpageCrEy2y.5L7@netcom.com>
Source record: 273098

I received the following letter in the mail, today, and thought that someone here might be able to help him:

I am 25 and recently I became interested in VHF/UHF scanning. My biggest dream is to purchase a handheld programmable scanner. Unfortunately, scanners have not yet appeared in Russia. There is no any opportunity to buy a scanner by mail from Europe or the USA, because I have no hard currancy and it is very difficult to transfer money abroad.

Could you help me? I would be very, very thankful to a person who send me a second-hand operating scanner. In return I will send Russian souveniers. Any hand-held scanner with the automatic search function is o-k. I don't know local active frequencies so the auto-search is a must. Please us registered mail to avoid stealing. My address is:

Nicolai Rudnev
Lenina 5A-34
Stroitel,
Belgarodskay Obl,
309120 Russia

Yours Faithfully,
N. Rudnev

Maybe there is someone here that has an old handheld that they can part with. I do have one, otherwise it would be in the mail. Thanks in advance from Nikolia.
--
==========
Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
MEDIA PAGE
Internet: mpage@netcom.com Breaking News Stories to
CIS: 71674,1610 the News Media since 1978
==========

5060. Re: Pro 2006 unused channel L/O

Newsgroup: rec.radio.scanner
Date: 1994-06-15 01:12:43 UTC
From: mike@koteka.zko.dec.com
Message-ID: <2tlkib$rih@usenet.pa.dec.com>
Source record: 273099

Peter Thompson (pthompson@walnut.prs.k12.nj.us) wrote:

: I just purchased a Pro 2006 with my eye on adding the Opto 456 board, and
: have a question about the channel entry method. It appears that all unused
: channels (0000.000) are scanned unless I specifically lock them out one by
: one. What am I missing here? I've never had a scanner before where blank
: channels defualt to being scanned. This slows scanning down considerably!

Remeber to lock out all unused banks and then you just have to lock out
those zeroed channels in the one bank you are scanning (pro requires at
least one bank enabled). only have to do 39 lock out operations not 399.

5061. Freq. Database request...

Newsgroup: rec.radio.scanner
Date: 1994-06-15 01:21:38 UTC
From: jh@aruba.nysaes.cornell.edu
Message-ID: <2tll32INNhr1@newsstand.cit.cornell.edu>
Source record: 273100

I am looking to find out if anyone has had luck finding
frequencies in the New York State area for school districts. I have one
that has completely eluded me. If anyone has a reference for such
frequencies, their help would be much appreciated.

Also, Since the California Database is based on a CD-ROM, There
is the possibility of someone finding the CD-ROM and putting it on a site
for everyone in the United States to use.

Thanks in Advance...

John

5062. No-code Technician license Examination

Newsgroup: rec.radio.scanner
Date: 1994-06-15 02:26:04 UTC
From: shc@mt747.mt.att.com
Message-ID: <CrF2rG.DLv@nntpa.cb.att.com>
Source record: 273120
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy

I'm preparing to take the no-code technician license exam and would like
to find out the schedule for the examination in the Monmouth county
area? I'm shooting for the month of July/August time frame.

Can someone direct me as to where I can inquire about this info.
Thanks in advance.

==
| Stephen Chu |
| AT&T Bell Labs Internet: shc@mt747.att.com |
| Holmdel, New Jersey USA |
==

5063. Re: Help needed regarding cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-15 03:11:56 UTC
From: henniger@crl.com
Message-ID: <2tlrhs$d6k@crl2.crl.com>
Source record: 273104

Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:

> -=> Quoting Jim Wayda to All <=-

> JW> When monitoring cellular communication in the frequency range of
> JW> 869mhz to 894mhz there are many instances when I can only hear one of
> JW> the parties involved in the conversation. In other instances, I can
> JW> hear both parties involved in the conversation. Can someone please
> JW> provide information as to why this is happening?.
> What you describe is typicall of cellular systems. I have heard a couple
>of explanations. I believe it is done deliberately because the cellular
>companies know that calls can be monitored. So, the landline portion is

If you can hear both sides, it is because either (1) the cell phone manufacturer added sidetone capabilities so that the customer could hear himself talk - this electrically links the tx and rx path, or (2) the PSTN provides sidetone, and the cellular system simply forwards the PSTN sidetone back over the forward voice channel (from the base station.)

One guy said he could hear the customer just before a handoff... this makes sense, since a handoff occurs under weak signal conditions (by definition) you want to make sure that the link is solid before you send and receive signalling to go to another channel- so it makes sense for the base station to tell the cellphone to increase power just before this dialog.

Mick
(wb5von)

5064. I changed pro-2006 Xtal to 15MHZ..it works faster

Newsgroup: rec.radio.scanner
Date: 1994-06-15 03:18:52 UTC
From: henniger@crl.com
Message-ID: <2tlrus$ehg@crl2.crl.com>
Source record: 273105

On the microprocessor board (behind the keypad) I found a 3 legged crystal + dual capacitor combo thingie. I unsoldered it and replaced it with a 15 Mhz crystal. It works okay. Scanning speed up to about 38.5 channels / sec.

Mick
(wb5von)
Got the xtal at Frys Electronics for 99 cents.

5065. Shortwave rec. recommend

Newsgroup: rec.radio.scanner
Date: 1994-06-15 03:55:01 UTC
From: Steve Baker <stevebaker@delphi.com>
Message-ID: <BO6Nfj1.stevebaker@delphi.com>
Source record: 273103

I need a recommendation on a travel portable or portable/home shortwave receiver for a price around $200.
Thanks
Steve

5066. Re: Cellular on Pro-2026 (Mods)

Newsgroup: rec.radio.scanner
Date: 1994-06-15 05:50:28 UTC
From: jdwhite@iastate.edu
Message-ID: <2tm4r4$jar@news.iastate.edu>
Source record: 273110
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <2tfog6$dnb@search01.news.aol.com>, MervinS <mervins@aol.com> wrote:
>In article <2te4l1$ooe@news.iastate.edu>, jdwhite@iastate.edu (Jason
>White) writes:
>
>>>The 2026 has cellular frequencies deleted at the factory, but
>>>restoration is the easiest ever! - clip one marked wire! All you
>>>need
>>>is a Philips screwdriver and wire cutters.
>
>> This modification only works on "older" models. The newer
>>models,
>>like the one I bought last week, have the cellular ranges "crippled"
>>through firmware. The cpu simply will not allow you to even program
>>in
>>a frequency in the blocked range! You can identify these newer
>>models
>>by looking at the item number (the one in the form of 27-xxx). If
>>the item number had an 'A' after it, as in '27-xxxA', then the mod is
>>worthless.
>
>Strange! My PRO-2026 is the newer version with an "A" after the stock
>number and the modification worked perfectly. Suggest you try again.

I stand corrected. This mod works. I was mislead on the newer "A" models
by the fact that the innards were somewhat redesigned and also because there
was no diode to cut. Now, instead of a diode, there's just a wire jumper.
Just another fine example of why you can't trust what the people at Radio
Shack tell you. *sigh*

-Jason

--
Jason D. White Durham Center Operations Staff
jdwhite@iastate.edu Repeater Chairman, Cyclone Amateur Radio Club
Iowa State University Packet: n0rwu @ ki0q.#cia.ia.usa.na
Ames, Iowa

5067. Re: Freq. Database request...

Newsgroup: rec.radio.scanner
Date: 1994-06-15 06:05:41 UTC
From: dhz@crl.com
Message-ID: <2tm5nl$m9t@crl3.crl.com>
Source record: 273111

John Hale (jh@aruba.nysaes.cornell.edu) wrote:
> I am looking to find out if anyone has had luck finding
>frequencies in the New York State area for school districts. I have one
>that has completely eluded me. If anyone has a reference for such
>frequencies, their help would be much appreciated.

Have you tried Beyond Police Call? and you might post the district you
are looking for so if someone has it they can let you know.

> Also, Since the California Database is based on a CD-ROM, There
>is the possibility of someone finding the CD-ROM and putting it on a site
>for everyone in the United States to use.

telnet tcomeng.com
login: fcc

--
JIM SHRYNE |Read the Constitution! for a copy ftp.crl.com ftp/users/ro/dhz
ARS N6DHZ |Honesty is not something you should flirt with- you should
dhz@crl.com |be married to it. >There's more ways to skin a cat than stickin'
|his head in a boot jack and jerkin' on his tail

5068. Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-15 08:29:20 UTC
From: jdross@sdcc13.ucsd.edu
Message-ID: <69353@sdcc12.ucsd.edu>
Source record: 273112

I was listening to a ham repeater in the 440 MHz range on my
scanner last night when a rude and obscene jerk kept cutting in on
the hams. He did not identify himself, he just shouted and insulted
the people on the repeater. The hams referred to him as a
boot-legger a few times, and then one said "He's using a Radio Shack
hand talkie, and we have the serial number. We know where he lives
and we'll have the police knocking down his door soon now." A
little while later, the same ham said, "We've been able to
triangulate his position, and I'll be making my call about him
shortly".
My question is, were they bluffing just to scare the guy off
of the repeater for the night? Is it possible to get the serial
number off of the ham rig that someone is transmitting from? I've
heard about triangulate someone's position before, but is it
accurate enough for hams to do on their own, like this ham was
talking about? Any info would be great!

J.D. Ross
Woodland Hills, CA
jdross@sdcc13.ucsd.edu
----

little while later, the same ham said "We've been able to

5069. Re: What was that thing?

Newsgroup: rec.radio.scanner
Date: 1994-06-15 10:21:22 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.315.000A5B7F@ccm.hf.intel.com>
Source record: 273030

In article <6657.11.uupcb@nccbbs.network23.com> ric.topp@nccbbs.network23.com (Ric Topp) writes:

>Not too long ago, there were many posts regarding a device
>Radio Shack sold for about $20 which I could plug into my
>PRO-43 mic jack and I could receive the output on my AM/FM
>radio.

>I forgot to write down what it was. Can anyone help? The local
>Rat Shack guys don't know what I am talking about.

The product was called Silent Play (was designed for Nintendo games). Don't know it they are still around. I thought RS was closing them out.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5070. Re: Regency Scanners

Newsgroup: rec.radio.scanner
Date: 1994-06-15 10:24:20 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.316.000A682F@ccm.hf.intel.com>
Source record: 273031

In article <CrFsLB.K1x@ceco.ceco.com> dprkk@ceco.ceco.com (Ken Kociolek) writes:

>What ever happened to the company in Indianapolis that made
>Regency scanners. Are they still around? Were they taken
>over by someone? Any clues out there.

Uniden took over Regency. The most recent Regency scanners were (are) made by
Uniden.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5071. New scanners and dead scanners

Newsgroup: rec.radio.scanner
Date: 1994-06-15 10:29:26 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.317.000A7DE5@ccm.hf.intel.com>
Source record: 273032

Some info on future scanner models...

Subject: #Info on new RS scanners! - Msg Number: 277506
From: Howard Bornstein 76174,637
To: All
Forum: HAMNET Sec: 02-VHF/UHF Scanning
Date: 14-Jun-94 03:59:29

Here is some information gleened tonight from a very reliable source:

There will be three new scanners available from Radio Shack this year.

One is the much-discussed 1000 channel, triple-conversion base scanner, made by GRE. It will be called the PRO-2035. Memory is arranged in ten banks of 100 channels each. Each channel has individual lockout and delay. The PRO-2035 also has 10 search banks.

A PRO-2035 feature, which is new to GRE-made radios, is its auto search/store capability. Using it, you can automatically store active frequencies, found durign a search, into the channels of Bank 1. Unfortunately, this feature doesn't check for duplicates, so you may fill up the bank with the same frequency, especially if it finds an open carrier or something similar.

Coverage is 25 Mhz to 1300 Mhz, minus cellular, which will not be restorable, and minus UHF TV audio. User can switch between AM, FM and wide FM modes and can also set search increments.

The scanner scans and searches at 50 cps. Another new feature to Radio Shack scanners is its VFO tuning knob. In one mode it'll let you move quickly up and down the memory channels while in another mode it'll act as a direct search knob and let you move up or down from a given frequency at a user-selectable step.

Unfortunately, many of the features we have been hoping for on a high-end base scanner from Radio Shack are missing in the PRO-2035. Foremost is the lack of any kind of built-in computer interface. It is baffling in a new, 1000-channel scanner that it doesn't come with some way to connect to a computer. We will probably have to wait for a company like OptoElectronics to design a computer interface.

Secondly, there will be no PL/CTCSS decoding capability and no add-in boards with this capability to be offered by Radio Shack. No signal strength meter or hit counter either.

The unit is, unfortunately, supposed to have a "cheap" feel to it, as RS has apparently tried to cut costs by using cheaper components, such as a flimsier cabinet, a thinner power cord, etc.

Even though the channel capability has been increased, this is a rather disappointing offering from Radio Shack. Two of the most desired features, computer interface and PL decoding, are missing from the unit. It is using the clumsy 100 channel-per-bank memory allocation, unlike the new AR8000. And its features, from auto-store to its speed, are rather dull, particularly compared to current Uniden scanners. It's main strength is that it is a triple-conversion GRE-designed scanner. As a radio, it should be quite good. But in terms of features, Radio Shack is getting clobbered by Uniden.

Radio Shack will also be releasing a triple-conversion handheld, also made by GRE, called the PRO-62. This will fit somewhere between the PRO-51 and the PRO-43. I presume 200 channels, although this wasn't specifically mentioned. However, it will lack the military air band and it will have no direct search capabilities.

The third GRE-made scanner is the PRO-2037, a 200-channel, triple-conversion, base scanner with selectable modes.

I'll post more information as I get it. Thanks to Steve Share who helped me compile this information (no he's not the source, but he's also reliable <G>).

Howard

Subject: #277506-#Info on new RS scanners! - Msg Number: 277519
From: Jeff Goldman 76703,4224
To: Howard Bornstein 76174,637
Forum: HAMNET Sec: 02-VHF/UHF Scanning
Date: 14-Jun-94 05:48:03

Since the Pro62's ready, I wonder if it will be out sooner rather than later. Also, what happened to a "Pro2036"? There's now a Pro2030, 2032, 2034, 2035, and 2037 (including your list). I don't remember if there's a 2033.

You didn't mention alphanumerics for the 2037, but I called Steve Share and he said that it wouldn't have that. And that the BC8500XLT IS DISCONTINUED! The only worse news would be if RS does go ahead and kill off the Pro2006, considering that the price of it and the Pro2035 are probably the same.

Strange that Uniden would kill off the BC8500XLT since it's unmodifiable. Or is it? <g> Also, with its strong images of cellular (in the 1200+MHz range), it sounds like they used similar technology to the BC2500XLT for 800MHz reception. Did we ever ascertain if Lescomm found a resistor to move or whatever to restore cellular?

By the way, as of now, still no AR8000s in the UK.

-Jeff

Subject: #277519-#Info on new RS scanners! - Msg Number: 277670
From: Howard Bornstein 76174,637
To: Jeff Goldman 76703,4224
Forum: HAMNET Sec: 02-VHF/UHF Scanning
Date: 14-Jun-94 15:10:11

Jeff, Unfortunately, it does look like the PRO-2006 will be killed off. Our source thought so and the stores can't get them anymore. That leaves the PRO-2035 as the

sole high-end base model for RS and it's not much of an improvement over the 2006 (in fact, once can argue that it's worse, with its awkward 10 banks of 100 channels).

If AOR got it right this time, and (as it appears) if they are serious about the US market (by making a version that has cellular deleted) then the AR8000 and the AR5000 (base model) may fill a real hole in the US scanner line-up.

Maybe the AR5000 will be enough of a threat to prompt Yupiteru to revive the long-delayed MVT-8100.

Regards, Howard

Subject: #New Uniden scanners! - Msg Number: 277523
From: Steve Share 70242,2472
To: All
Forum: HAMNET Sec: 02-VHF/UHF Scanning
Date: 14-Jun-94 06:20:41

Following up on Howard's report on the new RS/GRE scanners, there is also news of new Uniden models to be introduced next week at the Summer Consumer Electronics Show in Chicago:

BC-60XLT: This is the new low-end Uniden handheld, the key here is low price. It's referred to by Uniden as a "10 band" scanner, it will have 800 mHz (all new Unidens will have it), and possibly aircraft.

BC-80XLT: one up from the bottom, this has 12 bands vs. 10 in the BC-60.

BCT-7: the new Beartracker, will have 100 channel memory, keyboard, and band search. It's a "mobile" sized scanner, between a handheld and a base.

BC-144XL: a new base scanner, 16 bands, and a "more radically modern design".

BC-178XLT: higher-end base scanner, 100 channels, service search.

All new Unidens will have the 800 mHz band, turbo scan, and data skip.

The 8500 is discontinued, and does not (at the moment) have a replacement.

I'll be at CES next week and hopefully will get literature on these to better fill in the picture. With nothing really interesting from Uniden, and the disappointing info on the GRE 1000 channel RS unit, it seems like the AOR 8000 is the only interesting game in town. And no new info as far as availability, as Jeff will agree. There is some news of the AOR 5000, something further off in the future which appears to be a further evolution of the 3000A, rather than an 8000 in a base configuration. Nothing definite at this point, though.

Steve

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5072. Regency Scanners

Newsgroup: rec.radio.scanner
Date: 1994-06-15 11:43:59 UTC
From: dprkk@ceco.ceco.com
Message-ID: <CrFsLB.K1x@ceco.ceco.com>
Source record: 273118

What ever happened to the company in Indianapolis that made
Regency scanners. Are they still around? Were they taken
over by someone? Any clues out there.

5073. Hardware

Newsgroup: rec.radio.scanner
Date: 1994-06-15 12:00:08 UTC
From: K.M.Jansons@amtp.cam.ac.uk
Message-ID: <2tmqg8$8lq@lyra.csx.cam.ac.uk>
Source record: 273117

Can one buy frequency scanner -- frequency counter combinations, i.e.
both in the same box, with the counter being able to pass the frequecies
it finds to the scanners memories. If so, how much do they cost and where
can they be found? And, if not, why doesnt someone make one?

5074. ForSale:Bearcat 210 as-is $18

Newsgroup: rec.radio.scanner
Date: 1994-06-15 12:02:52 UTC
From: mwchang@taco.engr.ucdavis.edu
Message-ID: <CrFtGt.7Gz@ucdavis.edu>
Source record: 273119

For sale:

Bearcat 210 scanner. Comes on and scans O.K. but audio is weak and receive sensitivity is very poor. Someone who works with scanners might be able to properly align it.

Sell AS-IS for $18.

E-mail reply.

5075. Question

Newsgroup: rec.radio.scanner
Date: 1994-06-15 13:35:13 UTC
From: mpaul@sad.hp.com
Message-ID: <CrFxqq.3CI@srgenprp.sr.hp.com>
Source record: 273121

Hello everyone,

I know that this might not be the best group to post this question in, but I figured some of you might be able to help me. I've heard of a device that you can hook up to your telephone line that will tell you the phone number of the last person that called you. Here in Calif. the device is illegal, although Pac Bell will sell you a service called 'CALL RETURN', but it won't tell you the number. The local Radio Shack guy said that Radio Shacks in other states (he didn't specify which states) sell such a device.

Can anyone tell me which states (hopefully one that neighbors CA) sell something like this? Approx. cost? Works with any phone system? Any other details.

Thanks in advance for any help here.
Mike

5076. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-15 13:42:18 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.318.000DB4E4@ccm.hf.intel.com>
Source record: 273041

In article <2tn17v$6av@nyx10.cs.du.edu> rdavis@nyx10.cs.du.edu (Robert Davis) writes:
>jdross@sdcc13.ucsd.edu (John Ross) writes:
>> My question is, were they bluffing just to scare the guy off
>>of the repeater for the night? Is it possible to get the serial
>>number off of the ham rig that someone is transmitting from? I've
>>heard about triangulate someone's position before, but is it
>>accurate enough for hams to do on their own, like this ham was
>>talking about? Any info would be great!

>No you cannot get the serial number unless you look at the nameplate on
>the radio.
>Triangulation is old technology. RDF (radio direction finding) as
>practiced by Amateur Radio Operators is best done with a `doppler' unit
>which can be hand held and points directly toward the transmitting antenna
>even it the transmitter is on the air for only a second or so.
>
>Much of what you heard sounds like BS. (Boasting Speech)
>But we have found a couple of illegal transmitters here in the middle of

I agree mostly with what Robert says with one exception. It is possible with some recent new programs combined with a sound card to capture the "audio spectrum signature" of a radio. This might be conclusive enough to determine what type of radio is transmitting the signal (if you had some "signatures" to reference). The part about the serial number, is a bit too much to swallow. The triangulation thing is no big deal, but it usually takes some time (to setup and coordinate). My guess is that it was a bluff. Hams rarely go to so much trouble to track someone down unless the guy was a repeat offender.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5077. Re: Space Shuttle Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-15 13:46:28 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.319.000DC6A9@ccm.hf.intel.com>
Source record: 273042

In article <8711@heimdall.sdrc.com> robert.gruen@sdrc.com (robert gruen) writes:

>I was wondering if the public is allowed to monitor the Space shuttle? Is this
>even possible? Does anyone know the proper frequencies?

When a flight is going on, search through the ham 2 meter band. There are ham clubs that retransmit the audio. Direct reception is beyond the capability of most hobbyists.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5078. Re: No-code Technician license Examination

Newsgroup: rec.radio.scanner
Date: 1994-06-15 13:49:13 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.320.000DD26B@ccm.hf.intel.com>
Source record: 272982
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy

In article <CrF2rG.DLv@nntpa.cb.att.com> shc@mt747.mt.att.com (14035-S.CHU(MT5712)XXXX) writes:
>I'm preparing to take the no-code technician license exam and would like
>to find out the schedule for the examination in the Monmouth county
>area? I'm shooting for the month of July/August time frame.

>Can someone direct me as to where I can inquire about this info.
>Thanks in advance.

Post your request in rec.radio.amateur.misc
There may be a local that can help you out. Another way is to locate a local ham club. They will have the exam info.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5079. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-15 13:55:11 UTC
From: rdavis@nyx10.cs.du.edu
Message-ID: <2tn17v$6av@nyx10.cs.du.edu>
Source record: 273122

jdross@sdcc13.ucsd.edu (John Ross) writes:

> I was listening to a ham repeater in the 440 MHz range on my
>scanner last night when a rude and obscene jerk kept cutting in on
>the hams. He did not identify himself, he just shouted and insulted
>the people on the repeater. The hams referred to him as a
>boot-legger a few times, and then one said "He's using a Radio Shack
>hand talkie, and we have the serial number. We know where he lives
>and we'll have the police knocking down his door soon now." A
>little while later, the same ham said, "We've been able to
>triangulate his position, and I'll be making my call about him
>shortly".
> My question is, were they bluffing just to scare the guy off
>of the repeater for the night? Is it possible to get the serial
>number off of the ham rig that someone is transmitting from? I've
>heard about triangulate someone's position before, but is it
>accurate enough for hams to do on their own, like this ham was
>talking about? Any info would be great!

>-----------------------
>J.D. Ross
>Woodland Hills, CA
>jdross@sdcc13.ucsd.edu
>-----------------------

>little while later, the same ham said "We've been able to
>
No you cannot get the serial number unless you look at the nameplate on
the radio.
Triangulation is old technology. RDF (radio direction finding) as
practiced by Amateur Radio Operators is best done with a `doppler' unit
which can be hand held and points directly toward the transmitting antenna
even it the transmitter is on the air for only a second or so.

Much of what you heard sounds like BS. (Boasting Speech)
But we have found a couple of illegal transmitters here in the middle of
Kansas by just RDFing them and walking up to the source.
One was an ELT (emergency locator transmitter) in some guy's house, and
one (just this week) was a business band handheld radio operated by some
teenagers on the local police frequency (460.025).

Once you get the right equipment, or in the case of the Amateur Radio
Operators around here, build for yourself the right stuff, RDF is actually
quite simple on VHF and UHF.

--
rdavis@nyx.cs.du.edu Robert Davis Salina, KS
Amateur Radio K0FPC

5080. Re: Hardware

Newsgroup: rec.radio.scanner
Date: 1994-06-15 13:55:47 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.321.000DEE68@ccm.hf.intel.com>
Source record: 273043

In article <2tmqg8$8lq@lyra.csx.cam.ac.uk> K.M.Jansons@amtp.cam.ac.uk (Kalvis Jansons) writes:

>Can one buy frequency scanner -- frequency counter combinations, i.e.
>both in the same box, with the counter being able to pass the frequecies
>it finds to the scanners memories. If so, how much do they cost and where
>can they be found? And, if not, why doesnt someone make one?

semi-unconfirmed rumor has it that Optoelectronics is planning an "Interceptor II" that can hear any near field frequency and will have a frequency counter built in with memories. So you can know the frequency of what you are listening to and be able to store it in memory.

To answer your question, there is no equipment that can do what you want right now.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5081. Re: Computer control?

Newsgroup: rec.radio.scanner
Date: 1994-06-15 14:10:07 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.322.000E2B94@ccm.hf.intel.com>
Source record: 273044

In article <1994Jun15.135020.2485@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:

> My (mis?)understanding is that the major advantage of
> computer control is that it simplifies the task of discovering
> what frequencies are actually in use. I could leave the unit
> for long periods of unattended scanning and review its finding
> at my leisure. I can see how this would be useful to do--
> once. But what use is computer control for the hobbyist after
> you've already got a good idea of the usual levels of local
> activity?

> Any comments or opinions will be gratefully received.

I use a program called 801SCAN for my R7000. I have about 280 different banks of frequencies so I can quickly monitor who I want. I put the cursor over "FBI" or "Highway Accident" or "Wireline cell B input" and hit enter and presto, I'm listening to just the frequencies I want. Much easier than trying to cram it all into 10 banks and pushing lots of buttons.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5082.]Mod for RS Pro-20323 sought,

Newsgroup: rec.radio.scanner
Date: 1994-06-15 14:33:25 UTC
From: dans@rehab1.UUCP
Message-ID: <1054@rehab1.UUCP>
Source record: 273072

A frien has bought the Radio Shack Pro-2032 and would like a mod to
restore the full 800 MHz range. If you have one, please drop me a copy
via the e-mail adress listed below. Thanks in advance.

-Dan
--
Dan Schein |\ /| Phone: 610-796-6352 (days)
c/o Reading Rehab Hospital 'O.O' E-Mail: rehab1!dans@canal.org
RD 1 Box 250 =(___)=
Reading, PA 19607 U

5083. Freq needed

Newsgroup: rec.radio.scanner
Date: 1994-06-15 14:38:04 UTC
From: kdavis@deadeye.East.Sun.COM
Message-ID: <2tn3oc$7tl@sixgun.East.Sun.COM>
Source record: 273123

This may have been asked before, but can someone provide the freq for the babymonitors and the fast food drive headsets?

Any help would be greatly appreciated.

==========
Ken Davis Sun Microsystems Inc.
CSD Eastern Area Suite 850
ken.davis@East 115 Perimeter Center, NE
x26922 / (404)-901-6922 Atlanta, GA 30346
==========

5084. Help: Regency Ts-2

Newsgroup: rec.radio.scanner
Date: 1994-06-15 14:50:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <b60_9406151103@blkcat.fidonet.org>
Source record: 273033

Send you TS-2 back to Uniden in Indy. A friend just had one repaired
there at a flat rate of around $50 (including return shipping).

Fidonet: Tom Eagan 1:109/239
Internet: Tom.Eagan@f239.n109.z1.fidonet.org

5085. Re: Speed Trap Camaras.

Newsgroup: rec.radio.scanner
Date: 1994-06-15 14:54:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <b61_9406151103@blkcat.fidonet.org>
Source record: 273034

B> If the beam is not aimed at you, how can your detector detect it? Th
B> spread is only inches wide.

Me too - I have seen the NY state police use this type of unit
and it appeared that they actually had a "site" to target
individual cars. If your detecter goes off - you have been had!

Fidonet: Tom Eagan 1:109/239
Internet: Tom.Eagan@f239.n109.z1.fidonet.org

5086. Re: Help making a dipole antena

Newsgroup: rec.radio.scanner
Date: 1994-06-15 15:01:59 UTC
From: horak@convex.com
Message-ID: <horak.771692519@convex.com>
Source record: 273026

In <rout0003.771637705@maroon> rout0003@maroon.tc.umn.edu (Andrew V Routt) writes:

>I have already seen some posts on making a dipole antena, however, I didn't
>have a scanner at the time so I didn't save any of the articles. I've talked
>to several people and it doesn't sound too difficult but I don't know what
>the best length should be, etc.

It depends on what frequency you want to listen to. For example,
cordless phone base units are around 46.6 to 47 MHz. The formula
for determining length in feet is 468/frequency in MHz. So, 468/46.8
would be 10 feet exactly. Take some Radio Shack speaker cable (cat.
number 42-2478 18-gauge 24 feet brown with RCA plug) and run 19 feet
of it from your scanner up the wall. Cut the phono plug off the other
end and seperate the last five feet of wire so you have it ten feet
apart. Mount it on the wall. I've found that horizontal mounting is
fine but you could mount it sideways too (vertically) since most base
units' antennas are in the vertical position. Get an RCA to BNC adapter
for your scanner antenna jack and you're in business. You'll be amazed!

David

5087. Re: What was that thing?

Newsgroup: rec.radio.scanner
Date: 1994-06-15 16:02:51 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-150694090203@earl.llnl.gov>
Source record: 273029

In article <6657.11.uupcb@nccbbs.network23.com>,
ric.topp@nccbbs.network23.com (Ric Topp) wrote:
>
> Not too long ago, there were many posts regarding a device
> Radio Shack sold for about $20 which I could plug into my
> PRO-43 mic jack and I could receive the output on my AM/FM
> radio.
>
> I forgot to write down what it was. Can anyone help? The local
> Rat Shack guys don't know what I am talking about.

That thing was the Silent Play. It is being discontinued. See the bottom of
page 158 in the Rat Shack catalog. My local dealer has a few of them left.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

5088. Re: Speed trap camaras.

Newsgroup: rec.radio.scanner
Date: 1994-06-15 16:28:18 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.226.006820DC@CCCS.UMN.EDU>
Source record: 273028

In article <brett_miller.311.000D64BB@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>From: brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ)
>Subject: Re: Speed trap camaras.
>Date: Tue, 14 Jun 1994 13:23:31

>In article <2tkmcu$s2@newshost.lanl.gov> ggs@lanl.gov writes:
>...
>>comming into service. The newest units also offer some form of laser detector
>>also not a bad idea as this form of harassment is gaining popularity with
>>traffic police every where.

>I know this is the wrong forum but...
>What good is a laser detector?
>If the beam is aimed at you, the lock time is so fast that you're dead.
>If the beam is not aimed at you, how can your detector detect it? The beam
>spread is only inches wide.

Car & Driver recently did a test of a number of radar/laser detectors. It appears that the laser detectors are looking for a very narrow spectrum range with the hopes of detecting scatter.

--rick

+---+
| Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
| Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |
| Cancer Screening Trial voice: (612) 627-4151 |
| University of Minnesota fax: (612) 627-4158 |
| 212 Ontario St SE, Suite 202 |
| Minneapolis, MN 55414 |
+---+

5089. Computer control?

Newsgroup: rec.radio.scanner
Date: 1994-06-15 18:50:20 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jun15.135020.2485@hnrc.tufts.edu>
Source record: 273036

Always looking to expand my horizons, I'd be appreciateive if someone would expound on the wonders of computer controlled scanning. (I've been toying with the idea of getting an OptoScan 456 for my PRO-2006.)

My (mis?)understanding is that the major advantage of computer control is that it simplifies the task of discovering what frequencies are actually in use. I could leave the unit for long periods of unattended scanning and review its finding at my leisure. I can see how this would be useful to do--once. But what use is computer control for the hobbyist after you've already got a good idea of the usual levels of local activity?

Any comments or opinions will be gratefully received.

Thanks.

5090. ICOM R1 $400

Newsgroup: rec.radio.scanner
Date: 1994-06-15 19:14:31 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <2tnjun$jbt@paperboy.gsfc.nasa.gov>
Source record: 273037

I have a few month old R1 for sale for $400
bought recently for $479. Price is firm.
e-mail any responces.

5091. LA Area Radio/TV Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-15 19:16:25 UTC
From: jeffo@syseng.slc.paramax.com
Message-ID: <9406151916.AA22011@io.slc.paramax.com>
Source record: 273038

Could somebody please post or send to me the frequencies of the LA area TV and radio stations? Frequencies like remote-to-studio, studio-to-transmitter, etc. are what I'm looking for. Thank you.

Jeff Okleberry

jeffo@syseng.slc.paramax.com

"If the opposite of pro is con, is the opposite of progress, Congress?"

P.S. If you happen to have frequencies that the national networks use (ABC, CBS, NBC, ESPN, etc.) please post them too.

5092. Scanner recommendations...

Newsgroup: rec.radio.scanner
Date: 1994-06-15 19:35:06 UTC
From: obieone@eskimo.com
Message-ID: <CrGE4u.7uB@eskimo.com>
Source record: 272877

Im looking for a good scanner that picks up 800mhz and can be easily modified to restore the full 800mhz capibilities. Im looking at the Pro-2006, but is this unit easily modified? Is there any other units within a $400 price that has the same features. Would it be better to just get a general coverage Ham reciever/transciever? Any help is appriciated...

Joe Rao, KB7WYN

5093. looking for a shortline frequency

Newsgroup: rec.radio.scanner
Date: 1994-06-15 19:35:31 UTC
From: P.J.Hinton@nd.edu
Message-ID: <2tnl63$d4g@news.nd.edu>
Source record: 272989
Cross-posted to: rec.railroad,rec.radio.scanner

This posting is addressed to railfans and radio scanners alike who may be familiar with frequencies in southern and central Indiana.

I'm looking for frequencies in use by the Louisville and Indiana Railroad Company. The LIRC is a shortline that started business in mid-March of this year on the ex-Conrail (nee-Pennsyvlania RR) branch that runs from Indianapolis to Jeffersonville. Some of the towns it passes through include Greenwood, Franklin, Columbus, Seymour, and Scottsburg. The short line is owned by Anacostia Pacific. Because it's such a new entity, its frequencies aren't listed in any compendium of railroad frequencies (Police Call and the like). Has anyone had the good fortune of finding out these frequencies? If so, please let me know. Thank you in advance.

P.J. Hinton
Graduate Student--University of Notre Dame Chemical Engineering Department

INTERNET: P.J.Hinton@nd.edu

5094. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-15 19:36:12 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2tnl7c$bbc@umcc.umcc.umich.edu>
Source record: 273040

This thread belongs in one of the HAM RADIO newsgroups, John.

In article <69353@sdcc12.ucsd.edu>, John Ross <jdross@sdcc13.ucsd.edu> wrote:
>
> I was listening to a ham repeater in the 440 MHz range on my
>scanner last night when a rude and obscene jerk kept cutting in on
>the hams. He did not identify himself, he just shouted and insulted
>the people on the repeater. The hams referred to him as a
>boot-legger a few times, and then one said "He's using a Radio Shack
>hand talkie, and we have the serial number. We know where he lives
>and we'll have the police knocking down his door soon now." A
>little while later, the same ham said, "We've been able to
>triangulate his position, and I'll be making my call about him
>shortly".
>
Of course, that bootlegger could have been YOU, & now you're
asking about the situation to try & decide if they were bluffing or not,
but oh well..

I'd say they were bluffing. The ones that get on the air &
when a bootlegger is on & start talking about triangulation, FCC, etc.
are usually bluffing. It is the people that you DON'T hear on the air
that are actually taking the time to RDF, and the (probably) old-timers
doing all the talking about triangulation were probably doing a
disservive to anyone out there who was really going to take the time to RDF.

I doubt that the triangulation capabilities of most hams are
accurate enough to give an exact location. Triangulation can point out
the general area, and then you go there & home in using attenuators &
portable directional antennas, & perhaps a filed strength meter once your
at the person's house.

It is possible that the people yakking about triangulation, etc.
DID locate the guy, but that the FCC had more important things to do, so
the hams were semi-bluffing you out of frustration & hopes that it would
scare the person off.

>J.D. Ross

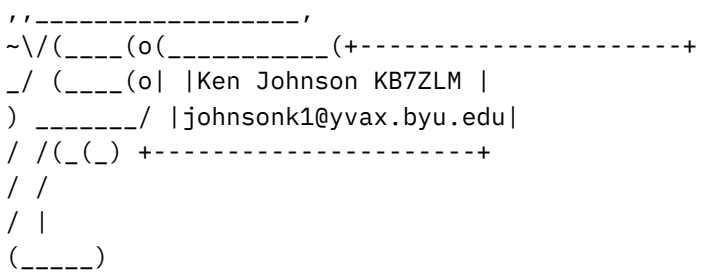
--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

5095. Re: What was that thing?

Newsgroup: rec.radio.scanner
Date: 1994-06-15 19:51:51 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994Jun15.125151.8120@yvax.byu.edu>
Source record: 273035

In article <ross-150694090203@earl.llnl.gov>, ross@novax.llnl.gov (Gary Ross) writes:
> In article <6657.11.uupcb@nccbbs.network23.com>,
> ric.topp@nccbbs.network23.com (Ric Topp) wrote:
>>
>> Not too long ago, there were many posts regarding a device
>> Radio Shack sold for about $20 which I could plug into my
>> PRO-43 mic jack and I could receive the output on my AM/FM
>> radio.
>>
>> I forgot to write down what it was. Can anyone help? The local
>> Rat Shack guys don't know what I am talking about.
>
>
> That thing was the Silent Play. It is being discontinued. See the bottom of
> page 158 in the Rat Shack catalog. My local dealer has a few of them left.
>
> Gary
> --
> The ramblings expressed above do not reflect the opinions of LLNL.
>
> Gary Ross Ross@NOVAX.LLNL.GOV
> Lawrence Livermore National Laboratory Rossman@eworld.com
>
> NOVA Laser Operations Rossman@aol.com
> P.O. Box 808, L-489
> Livermore, CA 94551

The local Radio Shack recently had two Silent Plays out on their bargain
table for $14.95 each. I snagged one.



5096. Re: PRO-2004 died, how about BC8500XLT?

Newsgroup: rec.radio.scanner
Date: 1994-06-15 20:28:57 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <771712137snz@javiaton.demon.co.uk>
Source record: 273046

In article <CrE0DB.ED9@sgb.oau.org> steven@sgb.oau.org "Steven Bradley" writes:

> What are the exact frequency capabilities of the INTERNATIONAL/EUROPEAN
> version? Jonathon? Anyone know?
>

Errr....arrrrr...err......dunno......

As far as I am aware there is (will be?) no UBC890XLT or
UBC8500XLT. We are being told that a UBC220XLT & UBC2500XLT will
be available soon but I am not getting many answers to my questions
regarding the '2500XLT status with regard to problems associated
with the early ones sold in the States. Uniden have had a pretty
minuscule market % (with us anyway) in the last few years and will find it
difficult to break into the UK/Eropean market again.

--
Cheers, I'll have a Taylors Landlord please.....
JC
/--\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
\--/

5097. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-15 20:50:57 UTC
From: glyle@marie.seas.ucla.edu
Message-ID: <1994Jun15.205057.22831@enterprise.rdd.lmsc.lockheed.com>
Source record: 273049

In article <2tn17v$6av@nyx10.cs.du.edu>, rdavis@nyx10.cs.du.edu (Robert Davis) writes:
|> jdross@sdcc13.ucsd.edu (John Ross) writes:
|>
|>
|> > I was listening to a ham repeater in the 440 MHz range on my
|> >scanner last night when a rude and obscene jerk kept cutting in on
|> >the hams. He did not identify himself, he just shouted and insulted
|> >the people on the repeater. The hams referred to him as a
|> >boot-legger a few times, and then one said "He's using a Radio Shack
|> >hand talkie, and we have the serial number. We know where he lives
|> >and we'll have the police knocking down his door soon now." A
|> >little while later, the same ham said, "We've been able to
|> >triangulate his position, and I'll be making my call about him
|> >shortly".
|> > My question is, were they bluffing just to scare the guy off
|> >of the repeater for the night? Is it possible to get the serial
|> >number off of the ham rig that someone is transmitting from? I've
|> >heard about triangulate someone's position before, but is it
|> >accurate enough for hams to do on their own, like this ham was
|> >talking about? Any info would be great!
|>
|>
|> >-----------------------
|> >J.D. Ross
|> >Woodland Hills, CA
|> >jdross@sdcc13.ucsd.edu
|> >-----------------------
|>
|> >little while later, the same ham said "We've been able to
|> >
|> No you cannot get the serial number unless you look at the nameplate on
|> the radio.
|> Triangulation is old technology. RDF (radio direction finding) as
|> practiced by Amateur Radio Operators is best done with a `doppler' unit
|> which can be hand held and points directly toward the transmitting antenna
|> even it the transmitter is on the air for only a second or so.
|>
|> Much of what you heard sounds like BS. (Boasting Speech)
|> But we have found a couple of illegal transmitters here in the middle of
|> Kansas by just RDFing them and walking up to the source.
|> One was an ELT (emergency locator transmitter) in some guy's house, and
|> one (just this week) was a business band handheld radio operated by some
|> teenagers on the local police frequency (460.025).
|>

|> Once you get the right equipment, or in the case of the Amateur Radio
|> Operators around here, build for yourself the right stuff, RDF is actually
|> quite simple on VHF and UHF.
|> --
|> rdavis@nyx.cs.du.edu Robert Davis Salina, KS
|> Amateur Radio K0FPC

Not to mention FUN! T-hunting is a popular recreational activity for hams. The great thing is that you do not need to be a ham to participate in a T-hunt. We have several non-hams who use hand-held scanners in our local hunts. No special equipment required for a beginner as you can use "body swings" to find bearings with your handheld.

Check it out! Contact your local Ham club to see if they are organizing hunts. If they find out that you are interested, they will virtually drag you out for the hunt!

George Lyle, N7TNJ

5098. Anyone know anything about the Sigma 1500 Scanking from EEB?

Newsgroup: rec.radio.scanner
Date: 1994-06-15 20:58:44 UTC
From: habu@gate.net
Message-ID: <2tnq24$age@tequesta.gate.net>
Source record: 273045

I am thinking about buying a Sigma 1500 from EEB,has anyone ever used this antenna and does anyone have opinions on Sigma antennas pro or con?

Thanks Mike

5099. Re: HELP: Regency TS-2

Newsgroup: rec.radio.scanner
Date: 1994-06-15 21:01:09 UTC
From: markb@hpcc01.corp.hp.com
Message-ID: <71960007@hpcc01.corp.hp.com>
Source record: 273055

Try Uniden at 317-842-1036

5100. Anyone have freqs for Continental Cable in Broward Cty,Fl

Newsgroup: rec.radio.scanner
Date: 1994-06-15 21:01:47 UTC
From: habu@gate.net
Message-ID: <2tnq7r$age@tequesta.gate.net>
Source record: 273047

Need frequencies for Continental Cable in Broward County,Florida.

Thanks
Mike

5101. Pro 43 Scanner for sale

Newsgroup: rec.radio.scanner
Date: 1994-06-15 21:14:26 UTC
From: bstein@MCS.COM
Message-ID: <2tnqvi$46@Mercury.mcs.com>
Source record: 273048
Cross-posted to: rec.radio.swap,rec.radio.scanner

I have for sale a Radio Shack Pro 43 Scanner. The radio includes the rubber ducky antenna it comes with, the radio shack telescopic antenna and the radio shack antenna extension with suction cup mounts. The radio is in like new condition, comes with the box and manuals and works perfectly. The cellular modification has been performed on the radio. I am selling the radion becuase I am buying a 2m rig and need all my pennys.

Make an offer
Ben Stein
bstein@mcs.com
Pager: 312-672-9082

--

==========

Benjamin Stein	Life is Uncertain...
bstein@mcs.com	Eat Desert First

==========

5102. Re: BEARCAT 2500 BATTERY

Newsgroup: rec.radio.scanner
Date: 1994-06-15 21:16:33 UTC
From: rouse@mayo.edu
Message-ID: <2tnk78$jiv@fermat.mayo.edu>
Source record: 273039

In article <CrAAM7.MuM@freenet.carleton.ca>, <an678@FreeNet.Carleton.CA>
writes:
> Newsgroups: rec.radio.scanner
> Path:
mayonews.mayo.edu!newsdist.tc.umn.edu!umn.edu!zip.eecs.umich.edu!newsxfer.itd.u
mich.edu!gatech!howland.reston.ans.net!cs.utexas.edu!utnut!nott!cunews!freenet.
carleton.ca!FreeNet.Carleton.CA!an678
> From: an678@FreeNet.Carleton.CA (Robert C. Walker)
> Subject: BEARCAT 2500 BATTERY
> Message-ID: <CrAAM7.MuM@freenet.carleton.ca>
> Sender: news@freenet.carleton.ca (Usenet News Admin)
> Reply-To: an678@FreeNet.Carleton.CA (Robert C. Walker)
> Organization: The National Capital FreeNet
> Date: Sun, 12 Jun 1994 12:27:43 GMT
> Lines: 11
>
>
>
> I've noticed some comments regarding a battery problem with the 2500XLT in
> previous threads...but am hoping for a fuller reply.
>
Bob

Call Denise Tel (800) 423-1331 at Uniden service center and inquire about
battery enhancements, they will request that you send them the scanner and
battery pack, they will fix the problem and if you request an extra battery
pack they will send you one free

Mark

5103. Re: Police Codes

Newsgroup: rec.radio.scanner
Date: 1994-06-15 21:18:16 UTC
From: dwillson@pcwizard.almaden.ibm.com
Message-ID: <2tnr6o$hhb@juniper.almaden.ibm.com>
Source record: 273050

In <2tj4sc$58v@tadpole.fc.hp.com>, jrs@fc.hp.com (John Spencer) writes:
>I am new to scanners and I wonder where to find the 10 and 20 codes that
>the police use. Also what are codes 1-4?
>

A lot of police officers keep a copy in the pocket of there sunvisor. Next time you see a parked police car with its window down just reach in and get one. ------ Just kidding -----------

While most of the codes are standard, there are some differences between some police departments. Also there are more then just 10 code. I went in and asked my local Radio Shack manager and he gave me a photocopy of our local code and frequencies.

Dennis

5104. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-15 21:31:20 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Jun15.213120.8262@rsg1.er.usgs.gov>
Source record: 273051

In article <2tnl7c$bbc@umcc.umcc.umich.edu>, tim@umcc.umcc.umich.edu (Tim Tyler) writes:
|> This thread belongs in one of the HAM RADIO newsgroups, John.
|>
|> In article <69353@sdcc12.ucsd.edu>, John Ross <jdross@sdcc13.ucsd.edu> wrote:
|> >
|> > I was listening to a ham repeater in the 440 MHz range on my
|> >scanner last night when a rude and obscene jerk kept cutting in on
|> >the hams. He did not identify himself, he just shouted and insulted
|> >the people on the repeater. The hams referred to him as a
|> >boot-legger a few times, and then one said "He's using a Radio Shack
|> >hand talkie, and we have the serial number. We know where he lives
|> >and we'll have the police knocking down his door soon now." A
|> >little while later, the same ham said, "We've been able to
|> >triangulate his position, and I'll be making my call about him
|> >shortly".
|> >
|> Of course, that bootlegger could have been YOU, & now you're
|> asking about the situation to try & decide if they were bluffing or not,
|> but oh well..
|>
|> I'd say they were bluffing. The ones that get on the air &
|> when a bootlegger is on & start talking about triangulation, FCC, etc.
|> are usually bluffing. It is the people that you DON'T hear on the air
|> that are actually taking the time to RDF, and the (probably) old-timers
|> doing all the talking about triangulation were probably doing a
|> disservive to anyone out there who was really going to take the time to RDF.

Another possibility - perhaps they were goading him into continuing to transmit
while they homed in on him. One of the biggest problems is when they don't
transmit long enough to track them...

--
++
+ Tom Bodoh - Section Manager, Systems Engineering and Management, Hughes STX +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) Amateur radio call; N0YGT +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

5105. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-15 21:33:16 UTC
From: dwillson@pcwizard.almaden.ibm.com
Message-ID: <2tns2s$hhb@juniper.almaden.ibm.com>
Source record: 273052

In <2tnl7c$bbc@umcc.umcc.umich.edu>, tim@umcc.umcc.umich.edu (Tim Tyler) writes:
> I'd say they were bluffing. The ones that get on the air &
>when a bootlegger is on & start talking about triangulation, FCC, etc.
>are usually bluffing. It is the people that you DON'T hear on the air
>that are actually taking the time to RDF, and the (probably) old-timers
>doing all the talking about triangulation were probably doing a
>disservive to anyone out there who was really going to take the time to RDF.
>
> I doubt that the triangulation capabilities of most hams are
>accurate enough to give an exact location. Triangulation can point out
>the general area, and then you go there & home in using attenuators &
>portable directional antennas, & perhaps a filed strength meter once your
>at the person's house.
>
> It is possible that the people yakking about triangulation, etc.
>DID locate the guy, but that the FCC had more important things to do, so
>the hams were semi-bluffing you out of frustration & hopes that it would
>scare the person off.

Those actually talking to the person on the radio and telling them that he is being triangulated are not always doing those who are doing a real RDF a disservice. Someone has to keep the jerk on the air long enough to locate them. Many of these jerks expect Hams to react by telling how much trouble their in and thats the only way to keep it going long enough to find them. Otherwise they will be back.

Having participated in 'tracking down' many of these type of people I also usually let them know they have been found by either honking or keying up and telling the real Hams on the frequency that I did in fact find the person. That way if the FCC is too busy to follow up right away the scare keeps many of them from returning.

Dennis

5106. Re: Police Codes

Newsgroup: rec.radio.scanner
Date: 1994-06-15 21:41:52 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771741747@f747.n115.z1>
Source record: 273023

-=> Quoting John Spencer to All <=-

JS> From: jrs@fc.hp.com (John Spencer)
JS>
JS> I am new to scanners and I wonder where to find the 10 and 20 codes
JS> that the police use. Also what are codes 1-4?
JS>

Hi, John...Codes are a frustrating part of scanning. They vary from state to state. For example, a 10-99 here in Illinois is a wanted subject. 10-99 somewhere else could mean a mental case.

A good source may be to find a scanning club in your area that may have this information. Also, a good ear to the call dispatched may help. If a 10-6 is barking in the back yard causing a 10-37 to occur, it is obvious a dog is disturbing the peace. <g>

Jerry

5107. Re: Pro 2006 unused channel L/O

Newsgroup: rec.radio.scanner
Date: 1994-06-15 21:45:34 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771741748@f747.n115.z1>
Source record: 273022

-=> Quoting Peter Thompson to All <=-

PT> I just purchased a Pro 2006 with my eye on adding the Opto 456 board,
PT> and have a question about the channel entry method. It appears that
PT> all unused channels (0000.000) are scanned unless I specifically lock
PT> them out one by one. What am I missing here? I've never had a scanner
PT> before where blank channels defualt to being scanned. This slows
PT> scanning down considerably!
You're not missing anything. That is the default on the 2004/5/6. Yes,
it is a pain to lockout all of the zeroed channels. At least on the 2500,
they lock them all out for you and then unlock after a frequency is
programmed.

PT> Also- is there really anything up there above 950 Mhz or so? I hear
PT> lots of birdies, but virtually no real activity. Perhaps it is the
PT> lack of a good antenna, but I would think I would here something...
PT>
I don't hear too much activity here in the Chicago suburbs, either.
Though I have heard that the new Personal commuications System maybe
located up there in the future. Who knows?

Sorry I can't help with the antennas, Peter.

Jerry

5108. Re: PRO-2004 died, how about BC8500XLT?

Newsgroup: rec.radio.scanner
Date: 1994-06-15 21:49:03 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771741749@f747.n115.z1>
Source record: 273019

-=> Quoting Steven Bradley to All <=-

SB> From: steven@sgb.oau.org (Steven Bradley)
SB>
SB> Tom Bodoh (bodoh@dgg.cr.usgs.gov) wrote:
SB> : to a RS discone antenna. It this scanner worthwhile, even though
SB> the : cellular is unrestorable? Anyone have availability/feature
SB> information ^^^^^^^^^^^^
SB> Has ANYONE looked at an international version of this receiver and/or
SB> service manual if available to determine specifically what needs
SB> changing to restore the cellular? I can not see how a radio could get
SB> everything else in 800 mhz except for those two slices. Obviously the
SB> RF section is intact. So, whats the mod or part change needed? I can
SB> not believe they could have made a receiver that a radio enthuiast
SB> could not figure out?... Is it true -- that the manufacturers have
SB> been this successful in their brainwashing activities?
SB>
SB> What are the exact frequency capabilities of the
SB> INTERNATIONAL/EUROPEAN version? Jonathon? Anyone know?
SB>
SB> : regarding the new 1000 channel Radio Shack scanner? Thanks...
SB>
SB> Steven

Steven...
When Uniden was getting ready to ship this unit out, they discovered
alot of problems. One was the presence of too many birdies. Uniden
re-designed the chip. At this point, the Telecommunications law that made
it illegal to manufacture scanners with cellular capability after April
1992 was passed. With this in mind, Uniden re-designed the chip and
decided to get a head start in complying with the Cellular Telecom law.

So that's why no mods have ever been figured out for the 8500 for
cellular reception. It can't be done.

Jerry

5109. Re: PRO36 Questions / Mods ?

Newsgroup: rec.radio.scanner
Date: 1994-06-15 21:53:08 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771741750@f747.n115.z1>
Source record: 273018

-=> Quoting Chris Smolinski to All <=-

CS> I just purchased a used PRO-36, and have some questions. The scanner
CS> didn't come with a manual. I've been able to figure most things out,
CS> except for searching. I can't do anything except get it to search
CS> either up or down from a frequency - I can't get it to search BETWEEN
CS> two limits.
CS> Also, are there any mods for this scanner? Extra channels, faster
CS> scanning, expanded freqeuncy coverage, etc?

Hi, Chris...
I'm sorry I don't know anything about the '36. I can only speculate
that to search, you would have to enter a frequency, then press LIMIT, then
a second frequency, press LIMIT, then SEARCH.

If this unit doesn't have these keys, then tell me what it does have
and I am sure I could point you in the right direction.

To my knowledge, there is no mods for the '36.

Jerry

5110. Re: RS PRO 2032

Newsgroup: rec.radio.scanner
Date: 1994-06-15 21:55:03 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771741751@f747.n115.z1>
Source record: 273021

-=> Quoting Tim Bohr(R) to All <=-

TB> From: tbohr1@ed8751.pto.ford.com (Tim Bohr(R))
TB> Keywords: Scanner, PRO2032, mods
TB>
TB>
TB> I just bought a RS PRO 2032. Its a desktop 200 channel. Seems to be a
TB> double conversion model. Its pretty much the same as my PRO-39 handheld
TB> (200 channel) except its a desktop. Anyone else have one, or any
TB> experience (mods, etc.) with this model. It was on sale for $229.
TB> thanks.
TB>

I have no experience with the unit, but there is a mod that just came out
for the 2032.

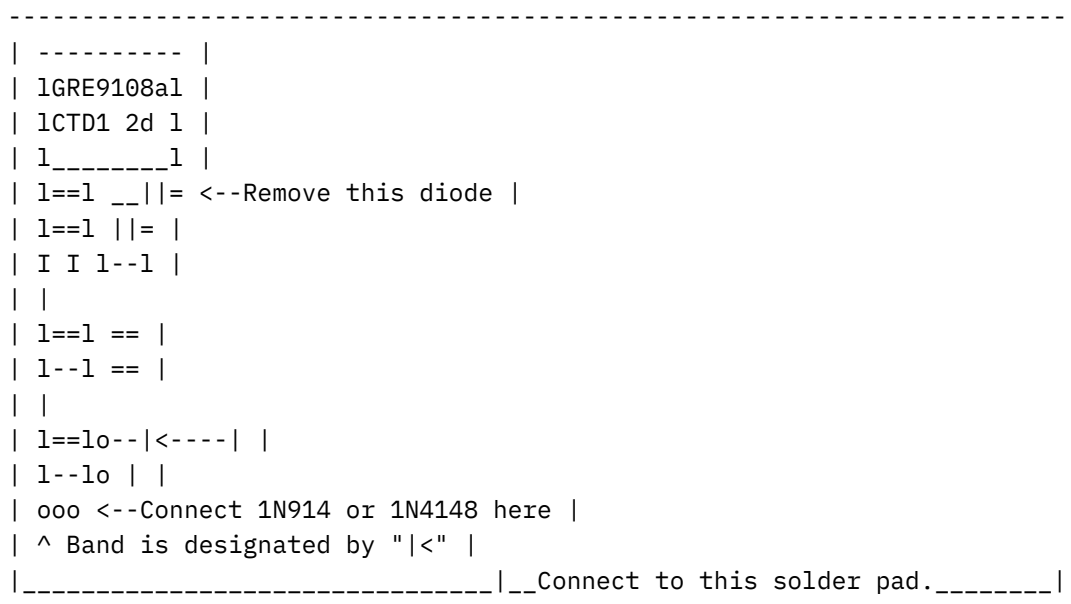
Product...Realistic PRO-2032 by Radio Shack
Purpose...Modify for continuous 800 Mhz coverage
in appropriate 30 Khz steps where applicable

** Disclaimer...All modifications are done AT YOUR OWN RISK.
** Performing this modification may void your warranty.
** Perfroming this modification may enable certain portions of the 800 Mhz
band that is illegal to monitor under federal U.S. law.
** I strongly suggest taking ESD precautions by getting a static strap as
this involves work with static sensitive devices. Any electronics store
should have one for purchase.

This information is from the June, 1994 issue of Monitoring Times, p.
112.

Required equipment...small-tip soldering iron, small gauge rosin core
solder, desoldering wick, Phillips screwdriver, 1N914 or 1N4148 diode.
1. With the scanner unplugged from power, remove both upper and lower
covers (foru screws in the rear of the cabinet), taking care not to damage
the speaker wires.
2. Set the scanner upside down with the back facing you. Locate the
microprocessor shield (upper left corner near volume and squelch controls).
Unsolder and remove the shield.
3. Refer to the diagram and locate the three-legged diode at the lower
right of the microprocessor chip. Carefully unsosolder and remove this
diode.
4. Referring to the diagram, place a 1N914 or 1N4148 switching diode
across the solder pads as shown. (NOTE POLARITY) Remove any excess leads
and carefully solder it in place. Be sure it's leads will not contact any
other components, paths or the reassembled shield. A small piece of tape

may be used as insulation if necessary.
5. Plug the scanner into power, turn it on and test the unit by entering
any frequency that may have been blocked in the 800 Mhz range.
6. If successful, unplug the unit and reassemble the scanner.



Jerry

5111. Re: Strange Noises Around 860MHz

Newsgroup: rec.radio.scanner
Date: 1994-06-15 21:58:14 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771741752@f747.n115.z1>
Source record: 273020

-=> Quoting NE to All <=-

NE> From: (NE)
NE>
NE> I've noticed every so often that certain channels will be active and
NE> then later all one hears is what can best be described as 'a loud,
NE> continuous truck engine sound'. It appears to be most common in the
NE> 800Mhz region. What is this common occurance that I'm sure everyone
NE> but me understands? Thanks.

Sounds like you are describing a 'trunked' radio control channel. The
control channel usually handles what radio traffic is going to use what
channel in a multi-channel enviroment. (at least 5 channels, typical)

Jerry

5112. New favorite scanner story

Newsgroup: rec.radio.scanner
Date: 1994-06-15 22:48:01 UTC
From: moore@ssd.intel.com
Message-ID: <CrGnC1.CHn@SSD.intel.com>
Source record: 273054
Cross-posted to: rec.radio.scanner,rec.aviation.misc

The other day I was sitting at the local airport (Hillsboro OR)
listening to the local aviation frequencies on my scanner,
eating my lunch, and watching operations at the airport.
One of my favorite lunchtime activities on a sunny day!!!
I heard what has become one of my all-time favorite scanning stories.

I gradually became aware of a faint transmission on one of the
Seattle Center frequencies. It was sort of intermittent and I
wasn't paying a lot of attention at first. When I heard a very
strong transmission of "you are on a Seattle Center frequency. Please
move your conversation to another frequency." I started paying
more attention.

It seemed to be a pilot taking a passenger on his/her first small
plane ride. Apparently the pilot's push-to-talk switch was stuck
on, as I could hear only the pilot, not the passenger. The pilot
was explaining the instruments, controls, etc. Typical first-time
passenger stuff, although not usually broadcast on Center freqency. :)
I kept waiting for the passenger to ask "what does the little *xmit*
light on the radio mean?", but that never happened.

The funny part of the story happened as the pilot was explaining
some of the navigation receivers that are typically used when
flying on instruments. He explained to his passenger that, yes,
he had taken some IFR training, and had about 20 hours logged, but
was not yet rated for IFR flight on his own. Then he explained to
his passenger (keep in mind that this is on Seattle Center frequency)
that a "handy" thing to do with his new-found skills was, if he
encountered a cloud layer that prevented him from climbing to his
desired altitude, he would just file an IFR flight plan, punch through
the clouds, then cancel IFR and continue to his destination. He told
his passenger that, well, no, it wasn't really legal for him to do
this, since he isn't IFR rated, but *they* don't know that. Right
then, a very strong transmission (from a no doubt frustrated controller
having to monitor this drivel) came on saying "but we know that now!!!"
I wonder if this guy had any company waiting when he landed? I
certainly left the field having had a good laugh that day!!

--
| Wayne Moore CO4-06 e-mail: moore@ssd.intel.com
| Intel Supercomputer Systems Division phone: 503/629-4380
| 15201 NW Greenbrier Pkwy fax: 503/690-4302
| Beaverton, OR 97006

5113. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-16 00:04:32 UTC
From: jwh@kaiwan.com
Message-ID: <2to4ug$gs1@kaiwan.kaiwan.com>
Source record: 273056

Most likely they were bluffing..

But, there is equipment out there that will allow you to graph a transmitter signature. Get a serial number from it..? Hahaha.

Triangulation.. ever been on a foxhunt? If you can't afford the major equipment.. you'll use anything you can. It has worked, but with much effort and lots of errors. Then again, I'm not the world's best at trangulation.

Here in Los Angeles, our bands are packed with jammers and bootleggers. So, we learn to just talk around them. Hams aren't supposed to talk to bootleggers anyway.. shucks. :-P

John Herndon (jwh@kaiwan.com)
--
: ONE STOP TECH SHOP BBS * (310) 421-6766 * 24 Hours * USR 14.4 DS * 8/N/1 :
: Ham Radio * Scanners * Shortwave Listening * CAD/CAM/CAE * Satellites :
: Groom Lake/Area 51/S4 * X-Planes & Black Budgets * 500 Megs + 3 CD-ROMs :
: Call and share your interests & knowledge with others! :

5114. ICOM R-7100-1 Mod?

Newsgroup: rec.radio.scanner
Date: 1994-06-16 00:29:20 UTC
From: mvines@netcom.com
Message-ID: <mvinesCrGs0w.JK3@netcom.com>
Source record: 273066

Does anyone know if the current 800-900Mhz band limited ICOM R-7100-1 can be cellular restored?

5115. WANTED Detroit P.D Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-16 00:29:24 UTC
From: dblake@condor.ic.net
Message-ID: <2to6dm$qar@condor.ic.net>
Source record: 273060

[No readable article body recovered]

5116. WANTED Detroit P.D Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-16 00:30:25 UTC
From: dblake@condor.ic.net
Message-ID: <2to6fj$qar@condor.ic.net>
Source record: 273061

[No readable article body recovered]

5117. Grove Scanner Beam Questions???

Newsgroup: rec.radio.scanner
Date: 1994-06-16 00:43:39 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Jun15.203917.1@cad3.uccb.ns.ca>
Source record: 273063

Anyone had any experiences with the Grove Scanner Beam?
Is it any good for cellular and is it well made?
Does it work better with a rotator?
I will be using it with a Pro2006.

thanks in advance for your comments.

Ron Ling
rling@cad.uccb.ns.ca

5118. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-16 00:46:03 UTC
From: as779@yfn.ysu.edu
Message-ID: <2to7cb$7gk@news.ysu.edu>
Source record: 273062

The trustees of one local repeater in Detroit area sent a mailing
out to their members, asking them to refrain from such silly
chatter about Triangulation and RDFing , and what would be "done"
to the offending (and offensive) party. The repeater trustees did
indeed have access to Doppler and conventional RDF equipment, including
"sniffers," and a few hams well-versed in hidden transmitter hunting.
One of the parties was located and informed via phone or mail that his
identity was no longer a secret. He was not heard from again, at least
on that machine. Many clubs do organize "fox hunts" to develop
technical skills at DFing.

Chuck Reti WV8A Detroit,MI
Internet: aa010@detroit.freenet.org
as779@yfn.ysu.edu
Packet": wv8a@wb8zpn.#semi.mi.usa.na

5119. Re: LA Area Radio/TV Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-16 00:54:32 UTC
From: wsmith@huey.csun.edu
Message-ID: <wsmith.9.2DFFA2C7@huey.csun.edu>
Source record: 273064

In article <9406151916.AA22011@io.slc.paramax.com> jeffo@syseng.slc.paramax.com (Jeff Okleberry) writes:
>From: jeffo@syseng.slc.paramax.com (Jeff Okleberry)
>Subject: LA Area Radio/TV Frequencies
>Date: Wed, 15 Jun 94 13:16:25 MDT

>Could somebody please post or send to me the frequencies of the LA area TV
>and radio stations? Frequencies like remote-to-studio, studio-to-transmitter,
>etc. are what I'm looking for. Thank you.

>Jeff Okleberry

>jeffo@syseng.slc.paramax.com

>"If the opposite of pro is con, is the opposite of progress, Congress?"

>P.S. If you happen to have frequencies that the national networks use (ABC, CBS, NBC, ESPN, etc.) please post them too.

Technically, listening to Remote Broadcast is prohibited by the ECPA (although this fact doesn't receive much publicity). Enough said.

Just about every available frequency licensed in the Broadcast Auxilliary service in used in LA for one purpose or another. Further, the 450-451 MHz band (and the corresponding 455-456 MHz band) is fully allocated in 12.5 KHz steps nearly to the end of the band. Today, just about any breaking story or anything else of importance is communicated over cellular phone.

Unfortunately, I do not have a nicely formatted list in electronic form for you. I could post (or send FTP) all of the FCC records for entire BA service (about 6,000 records as of January, 1994>.

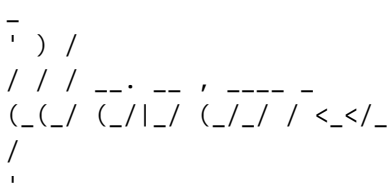
The Southern California edition of Police Call (*not* the one in Radio Shack) should serve as a good starting point. I have argued with Gene Hughes (sic, Cursin) for years over the format of the news media section, but has never changed it.

If you live in LA, you could come to the RCMA local chapter meeting at the Alcapulco restaurant in Santa Monica (by the airport) at 7pm on the 2nd Wed. of the month. (talk-in on 146.945 -200 pl 114.8?)

If you are in the industry, I would recommend subscribing the "Remote" newsletter which is put out by the local broadcast frequency coordination group.

Enjoy (but don't listen),

Wayne
N6LHV



5120. Anyone remember the Regency HX-1000?

Newsgroup: rec.radio.scanner
Date: 1994-06-16 01:00:22 UTC
From: Eric White <ewhite@chop.isca.uiowa.edu>
Message-ID: <2to876$9q3@agate.berkeley.edu>
Source record: 273065

I have heard that the Regency HX-1000 scanner was one of the best ever built, particularly for VHF Hi-Band. How does it compare to the current or upcoming Uniden and GRE offerings for VHF Hi performance? What kind of price does a used HX-1000 go for?

Eric

For information about this Usenet posting service, send mail to remailer@soda.berkeley.edu, with Subject: remailer-info.
Please, don't throw knives.

5121. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-16 01:57:49 UTC
From: domonkos@access.digex.net
Message-ID: <IRw$jiubG-gH066yn@access.digex.net>
Source record: 273067

In article <69353@sdcc12.ucsd.edu>, John Ross wrote:
>
> I was listening to a ham repeater in the 440 MHz range on my
> scanner last night when a rude and obscene jerk kept cutting in on
> the hams. He did not identify himself, he just shouted and insulted
> the people on the repeater. The hams referred to him as a
> boot-legger a few times, and then one said "He's using a Radio Shack
> hand talkie, and we have the serial number. We know where he lives
> and we'll have the police knocking down his door soon now." A
> little while later, the same ham said, "We've been able to
> triangulate his position, and I'll be making my call about him
> shortly".
> My question is, were they bluffing just to scare the guy off
> of the repeater for the night? Is it possible to get the serial
> number off of the ham rig that someone is transmitting from? I've
> heard about triangulate someone's position before, but is it
> accurate enough for hams to do on their own, like this ham was
> talking about? Any info would be great!
>
Cellular phones have serial numbers that are transmitted on the air and
thus make easy ID'ing. I can't say if the RS 440 HT uses that technology
yet but my company was involved in introducing such a system to every new
transceiver manufactured. The FCC is currently pursuing such legislation
and will be phased in w/new transmitters. We demo'd a combination analog and
digital ASIC (Application Specific IC) that would only allow transmissions
once when an ID was entered. Breaking such a system would not be easy but
my knowing better, every measure has a counter-measure (expensive, in this
case). The triangulation is quite easy. 2 hams w/DF'ing equipment could
get an easy fix in a matter of seconds. The rest is following the vectors
on a detail map, move in on the suspect, and wait for another trasnmission
(they always do). The truth is, when people go on the prowl, they don't
let in on it, they want as many transmissions they can get.

Andy

5122. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-16 01:58:00 UTC
From: domonkos@access.digex.net
Message-ID: <Daw$jiubGQV4066yn@access.digex.net>
Source record: 273068

In article <2tnl7c$bbc@umcc.umcc.umich.edu>, Tim Tyler wrote:
> This thread belongs in one of the HAM RADIO newsgroups, John.
>
> In article <69353@sdcc12.ucsd.edu>, John Ross <jdross@sdcc13.ucsd.edu> wrote:
>
> I doubt that the triangulation capabilities of most hams are
> accurate enough to give an exact location. Triangulation can point out
> the general area, and then you go there & home in using attenuators &
> portable directional antennas, & perhaps a filed strength meter once your
> at the person's house.
>
> It is possible that the people yakking about triangulation, etc.
> DID locate the guy, but that the FCC had more important things to do, so
> the hams were semi-bluffing you out of frustration & hopes that it would
> scare the person off.
>
>
> >J.D. Ross

J.D.,

Depends on the resources of the people doing the DF'ing. We isolated a
transmitter to a local Radio Shack employee playing w/a 2 M HT. It took
us 3 keyups and less than 90 minutes to nab him. A few of us with hilltop
locations really have an easy time getting a bearing and usually get called
on to help in these cases.

Andy

5123. AOR3000a & Mac Computer

Newsgroup: rec.radio.scanner
Date: 1994-06-16 02:36:00 UTC
From: chris.conner@cforum.com
Message-ID: <48.7454.464.0N50E286@cforum.com>
Source record: 272975

Has anyone tried connecting the AOR3000 to a Macintosh computer through the serial I/O Port. I am having

5124. NYS Traffic Law

Newsgroup: rec.radio.scanner
Date: 1994-06-16 02:38:01 UTC
From: steved8419@aol.com
Message-ID: <2todu9$i3s@search01.news.aol.com>
Source record: 273069

I have a copy of the New York State traffic laws, and in this they have a section regarding scanners. I was wondering what the people out in electric land intrepret this as.

Section 397 Equipping motor vechicle with radio receiving sets capable of receiving signals on
frequencies allocated for Police use

397. Equipping motor vechicles with radio reiving sets capable of receiving signals on the frequencies allocated for police use. A person, not a police officer or peace officer, acting pursuant to his special duties, who equips a motor vehicle with a radio receiving set capable of receiving signals on frequencies allocated for police use or knowingly uses a motor vehicle so equipped or who in any way knowingly interferes with the transmission of radio messages by the police without first secured a permit so to do from the person authorized to issue such a permit by the local governing body or board of the city, town or village in which such person resides, or where such person resides outside of a city or village in a county having a county police department by the board of supervisors of such county, is guilty of a misdemeanor, punishable by a fine not exceeding one thousand dollars, or imprisonment not exceeding six months, or both. Nothing in this section contained shall be construed to apply to any person who holds a valid amateur radio operator's license issued by the federal communications commission and who operates a duly licensed portable mobile transmitter and in connection therewith a receiver or receiving set on frequencies exclusively allocated by the federal communications commission to duly licensed radio amateurs.

Besides having a bunch of stupid run on sentences, am I correct in believing that if I am a licensed amateur radio operator (which I am), that I may equip my motor vehicle with a scanner. Also, do I need to have say 2m frequencies inputted into my scanner???
Any comments,

Steve

Still awaiting that call sign

SteveD8419@aol.com

5125. Uniden MR8100A

Newsgroup: rec.radio.scanner
Date: 1994-06-16 02:45:03 UTC
From: steved8419@aol.com
Message-ID: <2toebf$i7s@search01.news.aol.com>
Source record: 273070

Does anyone have this radio, and how do you like it. I like the fact that it is computer controlled. Do you get any interference from the computer??? Also if I place the scanner across the room, will I be able to see what frequency it is on. In other words is the display similar to that of the 800xlt. If you think this radio stinks, what others that are computer controlled are good. I believe that the going price for this radio is about 289 new, with software, no cable. Also is the cable a regular serial cable. Thanks...

Steve

Still awaiting call sign

SteveD8419@aol.com

5126. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-16 03:23:10 UTC
From: drranu@lamar.ColoState.EDU
Message-ID: <CrH02M.1MAD@yuma.ACNS.ColoState.EDU>
Source record: 273071

John Ross (jdross@sdcc13.ucsd.edu) wrote:

: I was listening to a ham repeater in the 440 MHz range on my
: scanner last night when a rude and obscene jerk kept cutting in on
: the hams. He did not identify himself, he just shouted and insulted
: the people on the repeater. The hams referred to him as a
: boot-legger a few times, and then one said "He's using a Radio Shack
: hand talkie, and we have the serial number. We know where he lives
: and we'll have the police knocking down his door soon now." A
: little while later, the same ham said, "We've been able to
: triangulate his position, and I'll be making my call about him
: shortly".
: My question is, were they bluffing just to scare the guy off
: of the repeater for the night? Is it possible to get the serial
: number off of the ham rig that someone is transmitting from? I've
: heard about triangulate someone's position before, but is it
: accurate enough for hams to do on their own, like this ham was
: talking about? Any info would be great!

: -----------------------
: J.D. Ross
: Woodland Hills, CA
: jdross@sdcc13.ucsd.edu
: -----------------------

: little while later, the same ham said "We've been able to
:

A major point to observe is the police have NO authority
over these matters, ONLY the FCC does.
Read Part 97, its in there.
--
-Emarit drranu@lamar.ColoState.EDU

KG0CQ _·_ __· _____ _·_· __·_

5127. Frequency counters (updat

Newsgroup: rec.radio.scanner
Date: 1994-06-16 04:06:00 UTC
From: marty.toomajian@woodybbs.com
Message-ID: <93.147.7592.0NFB29D9@woodybbs.com>
Source record: 272981

Hey I am now on Internet I guess. I just found this access tonight.
After a few weeks with the M-1 I am still very happy. I use it
with the filter on and the memory register off. The filter works
great. You have to see it to believe it.
Hope this message makes the trip to Tufts et al.
---
* Origin: Radio FREQS' Latham, NY (518) 782-0507 (1:267/103)

5128. Re: Yupiteru MVT 7100 for sale

Newsgroup: rec.radio.scanner
Date: 1994-06-16 05:29:40 UTC
From: crisp@netcom.com
Message-ID: <crispCrH5xG.9DH@netcom.com>
Source record: 273073

In article <1994Jun14.202224.28276@arrl.org> jkearman@arrl.org (Jim Kearman (KR1S)) writes:
>Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
>
>: Trying to demonstrate market economics again Richard?
>
>: I'll offer $476 :-)
>
>Let's not get this started again! I bought mine used last
>November for $475. I hereby claim that as the "going rate"
>for a used Yupi 7100.
>

See there! I knew my offer was right "at market"!

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

5129. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-16 06:23:11 UTC
From: dhz@crl.com
Message-ID: <2tor4f$ifl@crl.crl.com>
Source record: 273074

John Ross (jdross@sdcc13.ucsd.edu) wrote:

> I was listening to a ham repeater in the 440 MHz range on my
>scanner last night when a rude and obscene jerk kept cutting in on
>the hams. He did not identify himself, he just shouted and insulted
>the people on the repeater. The hams referred to him as a
>boot-legger a few times, and then one said "He's using a Radio Shack
>hand talkie, and we have the serial number. We know where he lives
>and we'll have the police knocking down his door soon now." A
>little while later, the same ham said, "We've been able to
>triangulate his position, and I'll be making my call about him
>shortly".
> My question is, were they bluffing just to scare the guy off
>of the repeater for the night? Is it possible to get the serial
>number off of the ham rig that someone is transmitting from? I've
>heard about triangulate someone's position before, but is it
>accurate enough for hams to do on their own, like this ham was
>talking about? Any info would be great!

>-----------------------
>J.D. Ross
>Woodland Hills, CA
>jdross@sdcc13.ucsd.edu
>-----------------------

A few years ago a friend of mine had his car broke into and hid radios
stolen and guess what? Yes a few days later a guy came on our closed 440
rpt. and asked if the radio was working. He said he had found the radio ;}
To make a long story short several of us talked to him and i said i had a
friend who worked at a radio store and might be interested in buying the
radio if he was interested in selling. You got it he bit hook line and
sinker. with a little coordination on other freqs while we kept him
talking a meet was set for the buy. A call to the local PD and a wireless
mike and a few undercover units and he was caught. As a kicker one of
his buddies decided to see if he could get away and after a short pursuit
he was also caught. This of course just added to his troubles. All but
one of the radios stolen were recovered. Remember criminals are stupid, if
they were smart they would be sitting around listening to scanners like
us.
--
JIM SHRYNE |Read the Constitution! for a copy ftp.crl.com ftp/users/ro/dhz
ARS N6DHZ |Honesty is not something you should flirt with- you should
dhz@crl.com |be married to it. >There's more ways to skin a cat than stickin'
|his head in a boot jack and jerkin' on his tail

5130. ATL Ramp Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-16 08:21:30 UTC
From: rdervan@mindspring.com
Message-ID: <rdervan.84.00085C07@mindspring.com>
Source record: 272978

I'm in the process of getting my PPL and enjoy listening to ATC on my scanner when waiting on flights. However, I can't find any of the ramp freqs for ATL? I came upon one yesterday by accident while listening to Clearance Delivery. Does anyone have these available?

Thanks,
-Richard

5131. Hacking Digital Phones

Newsgroup: rec.radio.scanner
Date: 1994-06-16 09:21:37 UTC
From: kittler@uni2a.unige.ch
Message-ID: <1994Jun16.112137.1@ugun2a>
Source record: 272976

This is a little forward from sci.crypt about hacking a digital phone...
Has anyone more experience?

: In article <245200001@peg.apc.org>, ianp@peg.apc.org writes:
: >
: > Please help me if you can -
: >
: > I need to refute the statement "nobody has ever hacked a digital
: > phone and almost certainly nobody ever will."
: >
: > So I could use:
: >
: > * authoratative statements that that is not true.
: >
: > * examples of digital phones being hacked.
: >
: > either email or this newsgroups - thank you!
: >

: Hello,
: I had the same problem two weeks ago, asking myself about buying an secure
: digital phone (GSM for Europe).
: I made a simple call to Motorola in Switzerland.
: The digital cellular (GSM) works like this:

: - On the same cellular channel (200Khz wide) you'll find 8 users.
: - This 8 users are sending digital packets all 1/4,7 secs in no specific order.
: - All packets are crypted with an changing code.

: So the problem is clear. For the hack you need:

: - A FM wide band (200Khz) scanner.
: - The software you will find in the developpement lab of Motorola 8-).

: The developpement of a new digital phone concept cost about 2 Million $.
: But if you really want to try the crack you must use an R&S Testing Equipement.
: That's the only solution for the moment. This equipement was build to test
: the cellular network. The hacker will find he's pleasure for only 25000 $.

: Conclusion: it's perhaps possible, if you have money to spend for the fun.

: All best, Peter.

) Obviously none of you read Wired! In the first or second issue
) (I forget which), there was an article about a couple of hackers hacking
) a digital phone! Without buying a buttload of software. Get real -
) anything can be hacked on street level, and will be, shortly after it's

) release.
) Hurricane

I want you to tell me what you're thinking!
Digital encryptions... Is this the future dead of your scanners?
All best, Peter.

5132. Question : Possible to make a scanner ??

Newsgroup: rec.radio.scanner
Date: 1994-06-16 10:29:41 UTC
From: fhlee@csam.MY
Message-ID: <9406161033.AA05645@csam.MY>
Source record: 272977
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.scanner

Hi,

Sorry if this is a stupid question. I am new and very interested in scanners.
I was just wondering if it is possible to assemble/"make" a scanner
from scratch - I mean going to the electrical shop to buy those transistors,
diodes, etc and assemble it up.

If it is possible, is there a guideline outhere where I can download.

Thanks.

-- fhlee@csam.my

5133. NYS Traffic Law

Newsgroup: rec.radio.scanner
Date: 1994-06-16 10:45:00 UTC
From: System.Supervisor@f18.n1100.z51.pfzrfsg.com
Message-ID: <771788971.AA00274@pfzrfsg.com>
Source record: 272988

> From: steved8419@aol.com (SteveD8419)
> Message-ID: <2todu9$i3s@search01.news.aol.com>
> Date: 15 Jun 1994 22:38:01 -0400

> and who operates a duly licensed portable mobile transmitter and in
> connection therewith a receiver or receiving set on frequencies
> exclusively allocated by the federal communications commission to
> duly licensed radio amateurs.

> Besides having a bunch of stupid run on sentences, am I correct in
> believing that if I am a licensed amateur radio operator (which I
> am), that I may equip my motor vehicle with a scanner.

It is my understanding that the exemption for HAMs does *not* cover scanners. The exemption recogizes the supremecy clause of the
Constitution. However, the device in question, a scanner, is not Federally
licensed so that it is well within the state's right to regulate it as it
sees fit (no matter how misguided).

BTW, NYC has a similar law that echos the state VTL.

Mike Wallach
(mjw@pfzrfsg.com)

5134. Re: Computer control?

Newsgroup: rec.radio.scanner
Date: 1994-06-16 11:59:41 UTC
From: peter_simpson@3com.com
Message-ID: <2913@bridge2.NSD.3Com.COM>
Source record: 273008

In article 000E2B94@ccm.hf.intel.com, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>I use a program called 801SCAN for my R7000.

Could you post contact information for the manufacturer?

Thanks,
Peter

Peter Simpson, KA1AXY Peter_Simpson@3com.com
3Com Corporation (508) 836-1719 voice
Northborough, MA 01532 (508) 393-6934 fax

I speak only for myself, 3Com doesn't pay me to speak for them, so I don't.

5135. Re: Space Shuttle Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-16 13:11:11 UTC
From: mklee@actrix.gen.nz
Message-ID: <gate.0uB2Nc1w165w@ersys.edmonton.ab.ca>
Source record: 272928

Messag&#65533;-I: <CrHrAn.Bsr@actrix.gen.nz>

In article <8711@heimdall.sdrc.com>,
robert gruen <robert.gruen@sdrc.com> wrote:
>
> I was wondering if the public is allowed to monitor the Space shuttle? Is this
> even possible? Does anyone know the proper frequencies?
>

From an article (Article 1476) in rec.radio.amateur.space
David J Mullenix (dt650@cleveland.Freenet.Edu advised that
the space shuttle freq (when up) is 145.55 voice. This is
the same frequency as Mir on voice and packet.

You might like to subscribe to the ....amateur.space newsgroup.
It also has the keps you need to track when it will be in line of
sight.

Mun-Kong Lee
mklee@actrix.gen.nz
Raumati Beach
New Zealand

5136. Re: Space Shuttle Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-16 13:11:11 UTC
From: mklee@actrix.gen.nz
Message-ID: <CrHrAn.Bsr@actrix.gen.nz>
Source record: 272984

In article <8711@heimdall.sdrc.com>,
robert gruen <robert.gruen@sdrc.com> wrote:
>
> I was wondering if the public is allowed to monitor the Space shuttle? Is this
> even possible? Does anyone know the proper frequencies?
>

From an article (Article 1476) in rec.radio.amateur.space
David J Mullenix (dt650@cleveland.Freenet.Edu advised that
the space shuttle freq (when up) is 145.55 voice. This is
the same frequency as Mir on voice and packet.

You might like to subscribe to the ....amateur.space newsgroup.
It also has the keps you need to track when it will be in line of
sight.

Mun-Kong Lee
mklee@actrix.gen.nz
Raumati Beach
New Zealand

5137. Re: Freq needed

Newsgroup: rec.radio.scanner
Date: 1994-06-16 13:32:19 UTC
From: mulligan@ACM.ORG
Message-ID: <2tpk93$12n@hopper.acm.org>
Source record: 272985

> This may have been asked before, but can someone provide the freq for
> the babymonitors and the fast food drive headsets?

From the FAF - Frequently Asked Frequencies on oak.oakland.edu:

Cordless Telephone

Channel Base Handset

1 46.610 49.670
2 B 46.630 49.845 Chs A - E handset
3 C 46.670 49.860 frequencies are also
4 46.710 49.770 used for baby room
5 D 46.730 49.875 monitors and low power
6 A 46.770 49.830 handie-talkies
7 E 46.830 49.890
8 46.870 49.930
9 46.930 49.990
10 46.970 49.970

As to fast food freqs - virtually any freq save 121.5 (and I wouldn't be
suprised if someone was using that!)
/* barry /&

5138. Chicago 406.6 MHz WHatiz?

Newsgroup: rec.radio.scanner
Date: 1994-06-16 13:39:32 UTC
From: wbloss@delphi.com
Message-ID: <JC-R4gM.wbloss@delphi.com>
Source record: 272979

While in chicago for a family function which seriously hampered my scanning time :-), I heard a continuous carrier on 406.6 MHz with a low modulation, loe frequency tone about 5 sec long, then off. Any ideas what this was, it was on all the time I scanned thru the Goovt UHF band, and that's all I heard in that band! :-(
Thanks!

Wally Bloss
RCMA MO-141
WB0BAV

5139. St Louis 419.15 MHz Whatiz?

Newsgroup: rec.radio.scanner
Date: 1994-06-16 13:41:33 UTC
From: wbloss@delphi.com
Message-ID: <Jk4wAcF.wbloss@delphi.com>
Source record: 272980

Recently while passing through N St Louis, I heard Hospital related comms (Get a stretcher...etc) on this Govt freq. Is this a VA hospital or what is it? Someone in St Louis will know...it was active!
Thanks in advance!

Wally Bloss
RCMA Mo-1451
WB0BAV

5140. Is a Pro-39 Any Good?

Newsgroup: rec.radio.scanner
Date: 1994-06-16 14:16:32 UTC
From: robert.gruen@sdrc.com
Message-ID: <8754@heimdall.sdrc.com>
Source record: 272927
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I have recently purchased a Radio Shack Pro-39 Scanner and I was basically wondering if I made a good purchase or not (I know its a little late now but...)? It does cover most of the 800 and 900 ranges as well as just about all of the low stuff. Can anyone give me any feedback?

Thanks!

Bob Gruen
Zarlok@delphi.com
Robert.Gruen@sdrc.com

5141. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-16 14:32:04 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2tpnp4$a9h@umcc.umcc.umich.edu>
Source record: 272986

In article <2tor4f$ifl@crl.crl.com>, James Shryne <dhz@crl.com> wrote:
>John Ross (jdross@sdcc13.ucsd.edu) wrote:
>
>
>A few years ago a friend of mine had his car broke into and hid radios
>stolen and guess what? Yes a few days later a guy came on our closed 440
>rpt. and asked if the radio was working. He said he had found the radio ;}
>To make a long story short several of us talked to him and i said i had a
>friend who worked at a radio store and might be interested in buying the
>radio if he was interested in selling. You got it he bit hook line and

Of course you know that you broke a law by talking to an
unlicensed station...

>--
>JIM SHRYNE |Read the Constitution! for a copy ftp.crl.com ftp/users/ro/dhz
>ARS N6DHZ |Honesty is not something you should flirt with- you should

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

5142. Re: Chicago 406.6 MHz WHatiz?

Newsgroup: rec.radio.scanner
Date: 1994-06-16 14:36:47 UTC
From: glr@ripco.com
Message-ID: <CrHv9B.6Gz@rci.ripco.com>
Source record: 272987

wbloss@delphi.com wrote:
: While in chicago for a family function which seriously hampered my
: scanning time :-), I heard a continuous carrier on 406.6 MHz with a
: low modulation, loe frequency tone about 5 sec long, then off. Any ideas
: what this was, it was on all the time I scanned thru the Goovt UHF band,
: and that's all I heard in that band! :-(
: Thanks!
:
: Wally Bloss
: RCMA MO-141
: WB0BAV
:
I get tons of stuff from Chicago in the 406-420 range... but nothing on
406.600 right now... I'm a good 50 miles north.

--

Glen L. Roberts, Publisher, Directory of Elect Surv Equip Suppliers
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
Box 734, Antioch, Illinois 60002 Fax: (708) 838-0316
Surveillance Hotline: (708) 356-9646 Bust the Bureaucrats: (708) 356-6726

5143. PRO 46 MODS

Newsgroup: rec.radio.scanner
Date: 1994-06-16 14:47:27 UTC
From: 050018@xavier.xu.edu
Message-ID: <1994Jun16.104727.30@xavier.xu.edu>
Source record: 272995

Does anybody know of cellular mods for the pro 46. I'v heard it was snipping a diode? If this is the case does anybody know which diode?

mike
050018@xavier.xu.edu

5144. Modify TV angtenna?

Newsgroup: rec.radio.scanner
Date: 1994-06-16 15:09:40 UTC
From: gillen@cais.cais.com
Message-ID: <2tppvk$6pe@sun.cais.com>
Source record: 272991

I've inherited the smallest Radio Shack VHF/UHF TV antenna (3 elements on VHF) and have thought of shortening 2 of the elements to make it look sort of a log periodic, which would hopefully improve the higher freq coverage a bit.

Anybody have any comments/ideas/suggestions on this no-cost project?

Should such a converted TV antenna be mounted vertically for scanner use?

--
Charles Gillen * Retired & Restin' in Reston, VA
---------------- gillen@CAIS.COM ---------------

5145. World Cup @ Stanford

Newsgroup: rec.radio.scanner
Date: 1994-06-16 15:56:09 UTC
From: thayes@dlsun43.oracle.com
Message-ID: <THAYES.94Jun16075609@dlsun43.oracle.com>
Source record: 273014

I looking for some tips on additional Bay Area frequencies that may be in use during the World Cup events at Stanford.

Thanks,

Terry Hayes
thayes@oracle.com

5146. Re: Space Shuttle Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-16 16:04:43 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2tpt6r$fis@slinky.cs.nyu.edu>
Source record: 273000

In article <CrHrAn.Bsr@actrix.gen.nz>, mklee@actrix.gen.nz (Mun-Kong Lee) writes:

|> You might like to subscribe to the ....amateur.space newsgroup.
|> It also has the keps you need to track when it will be in line of
|> sight.

Not to mention the huge list of every registered two meter
shuttle audio repeater in the U.S.

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

5147. Scanner Wanted

Newsgroup: rec.radio.scanner
Date: 1994-06-16 16:24:02 UTC
From: Lee_Hines.M1@SMTP.esl.com
Message-ID: <Lee_Hines.M1-160694092651@m11007.esl.com>
Source record: 272992

I am looking for a scanner. I would like a hand held that covers cellular (or that can be modified). Any one interested please send me ifo. Also, if you are interested in trading a scanner for Radio controlled vehicles, let me know. I have a monster truck, an on road car and a motorcycle that I am trying to get rid of.

--
Lee Hines - Builder/Owner
Gator's Golf

Views expressed here are not necessarily those of my employer.

Go Gators - '91&'93 SEC Champs
Go Dolphins

(FSU.....just go
away)
Work is for people who don't fish, hunt or play
golf.

5148. Re: Speed trap camaras.

Newsgroup: rec.radio.scanner
Date: 1994-06-16 17:03:49 UTC
From: mike@node_21033
Message-ID: <Crl22D.8Gw@csc.ti.com>
Source record: 272925

Richard Hoffbeck (RWH@CCCS.UMN.EDU) wrote:
: In article <brett_miller.311.000D64BB@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com
(Brett Miller - N7OLQ) writes:
: >From: brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ)
: >Subject: Re: Speed trap camaras.
: >Date: Tue, 14 Jun 1994 13:23:31

: >In article <2tkmcu$s2@newshost.lanl.gov> ggs@lanl.gov writes:
: >...
: >>comming into service. The newest units also offer some form of laser detector
: >>also not a bad idea as this form of harassment is gaining popularity with
: >>traffic police every where.

: >I know this is the wrong forum but...
: >What good is a laser detector?
: >If the beam is aimed at you, the lock time is so fast that you're dead.
: >If the beam is not aimed at you, how can your detector detect it? The beam
: >spread is only inches wide.

: Car & Driver recently did a test of a number of radar/laser detectors. It
: appears that the laser detectors are looking for a very narrow spectrum range
: with the hopes of detecting scatter.

: --rick

Yes, but with one addition. The scatter of a light source that is pulsing.
They need that pulsing to "get the goods" on you.
Michael

5149. Re: Listening in the car

Newsgroup: rec.radio.scanner
Date: 1994-06-16 17:10:23 UTC
From: bunce@L14H13.jsc.nasa.gov
Message-ID: <bunce-160694111023@l14jn.jsc.nasa.gov>
Source record: 272990

In article <H.eg.nZcXBGMT5YQ@yonder.equinox.gen.nz>,
craig@yonder.equinox.gen.nz (Craig Shore) wrote:

> In <1994Jun10.135327.2512@arrl.org>, Jim Kearman (KR1S writes:
> >What'll do when manufacturers stop putting cigarette lighters
> >in cars? Okay, wire directly to the battery on your car, but
> >what about rentals?
>
> It'll never happen. I've noticed some Honda's even have 2 lighter
> sockets fitted now, one with the lighter in it, the other with a lid -
> specifically there for plugging in accessories.
> The lighter may go some day, but the socket won't.
>
I'll double that feeling. My Ford F150 had a second plug with a lid too. It
was very prominent in their flyers when I was buying the truck, so it must
have been a big selling item for people who use the truck for work.

My latest vehicle (a Ford Tempo) has A/C vents with a lower edge that
nicely holds the belt hook on my scanner, so I have good access to it. But
I find the speaker output is still rather weak, even with the better
position. (It's a radio shack model, of course). I may have to invest in
that external speaker too...

--
Tom Bunce, Lockheed Engineering and Sciences Company
bunce@L14H13.jsc.nasa.gov (713) 333-7497
I am not really saying this, and will deny everything. So There!

5150. Buying a used scanner radio (long)

Newsgroup: rec.radio.scanner
Date: 1994-06-16 17:30:39 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Crl3B3.5Du@nntpa.cb.att.com>
Source record: 272993
Cross-posted to: rec.radio.scanner,alt.radio.scanner

last changed June 16, 1994 |

BUYING A USED SCANNER RADIO |

by Bob Parnass, AJ9S |

[NOTE: This article may not be reproduced in whole or |
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encouraged.]

Anybody with enough money can buy a brand new scanner, but you can save lots of money if you get a good deal on a used scanner. Hamfests are probably the best place to find used radios, but you must be familiar with the equipment. Hamfests are repleat with older radios you won't see in today's catalogs.

At last count, there were over 70 scanners and monitor receivers of various brands in my collection. I purchase most of my receivers at hamfests or horsetrade with other radio hobbyists. This article describes a few of the FM receivers in my collection, and is not meant to be complete.

A Used Scanner May be a Broken Scanner

Getting a bargain is not without some risk. I have had sellers look me square in the eye and tell me their radio worked fine -- when it really didn't.

Buying a used portable scanner is riskier than buying a |
mobile or base model. Portable scanners are subject to |
more physical abuse and many have been dropped. If a |
radio has been dropped, the laws of probability dictate |
that the first point of impact was probably a corner, |
so be sure to examine each corner for evidence of |
trauma. |

Scanners used in mobile service are subject to |
vibration, dust, and temperature extremes. This |
shouldn't dissuade you from buying a used mobile |
scanner, but be aware of possible complications. |

You should have some recourse if the radio you buy turns out to be defective.

If you can't fix the radio yourself, you can pay to have the manufacturer or a service clinic repair it for you. Several people have been pleased with Electronic * Repair Center, in Franklin Park, IL, which repairs scanners for a flat fee. Call them at (708)455-5105 to | find out their current rates. G & G Communications | (telephone 716-768-8151) is another scanner repair | company. This family owned company repairs scanners | and stocks parts for several older models. They are | located at 9247 Glenwood Drive, LeRoy, NY 14482. |

Evolution of the Scanner

It helps to understand some scanner history before shopping for a used scanner. You will likely see radios from many vintages at a hamfest, and should | avoid buying early units unless you are a scanner collector.

One of the earliest ancestors to the scanner was the converter. Manufactured by Tompkins (Tuneaverter), Petersen, Bearcat (Lil Tiger), Midland, and others, converters were made to operate in conjunction with AM radios. Then came wide band monitor receivers, in both tunable and crystal control models, like the Radio | Shack PRO-2B. Truthfully, converters and tuneable FM receivers are interesting but don't work well by today's standards.

While tuneable receivers were in vogue, solid state technologies supplanted tubes. Better performing, | narrow band crystal controlled units, like the Sonar FR-105, followed. These units did not scan, rather channel selection was accomplished using a simple rotary switch. Sonar even made a 24 channel unit in which crystals were held in a rotary "turret."

The earliest scanners, like the first Bearcat models, | did not provide individual channel lockout capability. | Other models, like the SBE Sentinel, employed a | "Channel 1 Bypass" switch so a user could lockout | channel 1.

The first scanners came in single band models, followed | by multiband models. As two-way radio users started to | populate the 450 - 470 MHz band, consumers were forced | to pay a premium for UHF scanner coverage. Some | multiband scanners, like the Electra's Bearcat III, | required an optional circuit board for each band. |

There were scanner mutations, designs which never evolved -- odd combinations of AM broadcast receivers with VHF-FM receive capability, like the flamboyant turquoise Sonar portables, Electra's Jolly Roger, and GE's Surveyor series. Lafayette Radio Electronics offered a few CB transceivers with VHF receiver capability. These poor performers didn't interest consumers of that era and you should avoid these models unless you are a scanner collector.

The first programmable (crystal-less) scanners were difficult to program. Users had to look up frequencies in a code book and tediously program the information into the scanner in binary form. Some models, like the Bearcat BC-101, Radio Shack COMP 100, and Tennelec MCP-1, resembled Altair or PDP-8 computers, with a row of 16 or so toggle switches. Instead of toggle switches, the Regency WHAMO-10 was programmed by breaking teeth from metal combs. The SBE Optiscan (and its Sears clone) required poking a series of holes in plastic cards which were then inserted into a slot on the front panel.

More Modern Scanners

Both Bearcat and Regency, as well as Radio Shack offer some good models. I would avoid the Bearcat 100, and scanners made by AOR, JIL, Fox, Tennelec, and Robyn.

Scanner features often differ not only by model but by manufacturer. For instance, most Radio Shack and Bearcat programmables allow enable/disable of the delay function on a per-channel basis. Older Regency units permit the delay to be enabled/disabled only globally, that is, for all the channels at one time.

Radio Shack scanners contain a reasonable number of features. The older Radio Shack scanners were made by General Research Electronics (GRE). Uniden began making scanner models for Radio Shack in the late 1980s. The older GRE-made models scan a bit slowly and have a higher level of synthesizer noise. Most have too much hysteresis in the operation of the squelch control, but this can be fixed completely by replacing one resistor. Good, detailed shop manuals are available for Radio Shack units for $5 - $12.

In the name of cost cutting, some models have done away with the concept of a "channel bank", i.e. the ability to select/deselect a group of channels at a time. The bank concept was a good one. It may be inconvenient to operate a 30 channel scanner without banks (e.g. Regency MX3000, HX1000) if you operate the way many

scanner hobbyists do.

If you want to buy an American-made scanner, you will have to buy an old model. A few years ago, the Regency and Bearcat scanner lines were purchased by Uniden, a Japanese company, and production was moved to Asia.

My favorite VHF/UHF receivers are the 300 channel Radio Shack PRO-2004, the newer 400 channel PRO-2005 and PRO-2006, and the ICOM R7000 and R7100. The ICOM models are more "communications receiver" than a conventional scanner.

Other favorites include the Bearcat 300 and 760XLT, Regency M400, and the Regency K500 (predates the M400), all of which include a "service search" feature.

For portable use, I prefer the Radio Shack PRO-43 and Uniden/Bearcat 200XLT.

ICOM

R-7000: At about $1000, this was once the top VHF/UHF receiver. 99 channel, multi mode coverage from 25-2000 MHz with a small gap at 1000-1025 MHz. Memory can be expanded to 198 channels by adding simple switch to pin 19 of memory IC8. Tuning knob lets you tune through parts of the spectrum much easier than using the SEARCH mode on conventional scanners. Selectable USB/LSB allows reception of new amplitude compandored sideband (ACSB) stations. S-meter doubles as discriminator meter to aid tuning. Useful search and store feature, reminiscent of the the Bearcat 250, searches between 2 limits and automatically stores new frequencies into channels 80-99. Audio and control interface for tape recorder. Noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Searches and scans slowly but can be sped up to about 12 cps by adding a resistor. Too big for permanent mobile use, but too nice to leave alone in the car. If you don't want to spend $1000, get a Radio Shack PRO-2004/5/6 instead.

R-7100: At about $1300, this is the Cadillac of VHF/UHF receivers. 900 channel, multi mode continuous coverage from 25-2000 MHz. The radio RF/IF/AF portions of the R7100 are similar to the older R7000, but the R7100 is constructed using surface mount parts. Both the R7000 and R7100 are much more immune to intermod than the Uniden/Bearcat 760XLT and the portable PRO-43. The firmware in the R7100 is much more sophisticated. 9 banks of 100 channels. Further, you can associate each channel with 1 of 10 groups. Many possible ways to

scan. 10 pairs of search limits. Search and store |
("memory write") scan mode lets you store 100 |
frequencies instead of the 20 in R7000. Another R7100 |
improvement is that you can program up to 100 channels |
for the R7100 to skip while searching. R7100 has 2 |
VFOs ("windows"). Both the R7000 and R7100 scan slowly |
compared with PRO-2004 and PRO-2006, and that's a |
drawback. Both the R7100 and R7000 employ a noisy |
relay, activated when the receiver is tuned to |
frequencies above 520 MHz. Scanning a mixture of VHF |
and UHF frequencies serenades the Icom user with a very |
annoying clickety-clack, clickety-clack! |

UNIDEN/Bearcat and Electra/Bearcat |

Bearcat III (Electra): 8 channel crystal controlled |
scanner. Requires optional front-end circuit board for |
VHF-low, VHF-high, and UHF bands, but only 2 boards can |
be installed within the radio at the same time. Two |
crystal filters. No aircraft band coverage nor rescan |
delay. Front mount speaker sounds good. Strong local |
oscillator radiation often causes interference with |
other scanners in the same house. |

Bearcat IV (Electra): 8 channel crystal controlled |
scanner. Newer version of Bearcat III but has better |
IF filtering and contains front-end circuitry for VHF- |
low, VHF-high, and UHF bands. No aircraft band |
coverage. Three crystal filters. Front mount speaker |
sounds good. No rescan delay. |

Bearcat 12 (Electra): One of the last decent crystal |
controlled scanners. 10 channels. Variable scan speed |
up to 20 ch/sec. Single delay on/off switch. Front |
mount speaker sounds good. Manual contains schematic. |
Selectivity is poorer than programmable models, like |
the 300, allowing adjacent channel interference. |
Covers VHF-low, VHF-high, and UHF bands but no aircraft |
band coverage. Crystal positions must be arranged by |
band. |

BC101 (Electra): First Bearcat synthesized unit. 16 |
channels, no priority. Frequency programmed in binary |
by setting toggle switches on front panel after looking |
up code in code book. No frequency readout. Uses |
custom IC for CPU, now discontinued, so factory |
authorized service is no longer available. I have four |
of these units. DC operation requires optional mobile |
power supply. speaker when squelched. Belt clip |
chintzy, but can be directly replaced with better clip |
from Kenwood TR2600A. Like the MX3000, all 30 channels |
are in a single bank, and lack of direct channel access |

make this model more difficult to operate. Low | discount price makes this best choice for programmable | portable. |

BC100 (Electra): First programmable portable scanner. | Be prepared for at least one repair in the first year. | Early units, with threaded antenna connector, have high | frequency of repair, particularly LCD readout, | keyboard, and battery holder. No battery backup. Poor | case design in early units caused battery to disconnect | from radio, resetting microprocessor and clearing | memories. No priority channel or aircraft band. Some | people swear by the BC100, others swear at them. |

BC220 (Electra): 20 channels. Reasonable number of | features but 20 channels doesn't seem enough. Service | Search for Marine and Aircraft. LED readout. Good | scanner, but tinny audio. |

BC20/20 (Electra): A BC220 but with 40 channels. A | maximum of 20 channels can be scanned at one time. Reasonable number of features. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio. |

BC250 (Electra): 50 channel discontinued model. Rich in features, but lacks aircraft band and 144-146 MHz. | Search and Store feature extremely useful for finding | federal frequencies. Clock. High frequency of repair. Power transistors not heat sinked adequately, causing heat damage to surrounding components and circuit board. Failure of Q204 on the feature board known to cause odd display readings. Digital circuitry very sensitive to glitches caused by static and AC line spikes. Avoid 1978 or earlier vintage units. All BC250s use custom ICs (e.g., IC6, a divider chip, mfd. by Exar), which are now discontinued, so factory service is no longer available from Uniden. |

BC260 (Electra): Super heavy duty metal cabinetry and lit controls, aimed at mobile use for firemen, police, etc. Few frills, only 16 channels, no aircraft, but generous coverage of federal bands omitted in the older Bearcat scanners. Good sensitivity. Lots of audio. Good internal construction. Backlit keyboard allows operation in the dark, but the keyboards on some units require high pressure to operate. Brightness control for display and keyboard, but multiplexor circuitry for vacuum fluorescent display produces audible whine which may be annoying in a quiet room. Backlighting may fail in some units due to poor contact on connector used to fasten light panel to front circuit board. 9 volt

regulator transistor Q28 (TIP29) may fail, causing blank display while leaving audio intact. Method of connecting an external speaker is awkward. |

BC300 (Electra): 50 channel top of the line scanner. | Service Search feature contains 11 ROM banks of | preprogrammed channels. Switching power supply failure | noted in early units due to insufficient capacitance - | component value was changed in newer units. Schematics | show at least 100 components changed between earliest | and later units. Preset squelch pot, mounted | internally on circuit board, misadjusted in new units - | adjustment usually required after burn-in period. Good | sensitivity. Built in clock. I leave it on 24 hours a | day. This is a favorite. |

BC350 (Electra): 50 channels in 5 banks. Includes | aircraft. Used to be Bearcat's top of the line, | overpriced scanner but never very popular, now | discontinued. Dual use keyboard and display allowed 8 | text characters to be associated with each channel, a | feature clumsily implemented, and awkward to use. | Units plagued with various hardware problems including | bad memory ICs and short life power transformers. | Firmware bugs without cures. The BC300 is a much | better scanner than the BC350, and at a lower price. |

800XLT (Uniden): 40 channels in two banks. Covers | 806-912 MHz, as well as of vhf, uhf, and aircraft | bands. Receives 10 meter fm and all of 6 meters, as | well as federal portions of vhf and uhf bands. Fewer | birdies on vhf-lo band than other scanners. Scans and | searches very fast. Clean, robust audio output. | Extremely sensitive, but very prone to overload by | strong signals when connected to outdoor antenna. Too | much play (hysteresis) in squelch adjustment - can be | improved by changing one resistor. Positive terminal | in memory backup battery holder installed backwards in | early units, allowing memory loss when scanner | unplugged from AC outlet. Tunes in increments of 12.5 | KHz on 800 MHz band, whereas cellular telephones are on | 30 KHz channels. |

BC100XLT (Uniden): Excellent 100 channel portable with 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Generous coverage of conventional bands, including commercial aircraft, but no 800 MHz. Decent leather-like case. Slide-on 550 mAH NiCd battery pack. *

BC200XLT (Uniden): Excellent 200 channel version of | BC100XLT portable scanner but includes 800 MHz band. |

10 priority channels. Unique feature tells whether a | given frequency has already been memorized. Decent | leather-like case. Slide-on NiCd battery pack. |

Regency

TMR series: First generation crystal scanners. Come in | all varieties of band coverage. Models with both UHF | and VHF bands must use separate antennas for each band | (disadvantage in mobile installations, but can be | overcome by connecting two front ends via a capacitor). | Not sensitive enough to cover the entire 30 - 50 MHz | range in a single model. There three versions of VHF- | low band coverage depending on the part of the 30 - 50 | MHz band covered (LL, LM. and LH). TMR scanners use | unsocketed incandescent bulbs for channel indicators | which require periodic replacement. Easy to crystal: | Radio Shack crystals work well. TMRs usually $2 and up | ad hamfests, often in poor condition. Don't pay more | than $50, even if mint. Front ends must be tuned for | selected portions within the bands for best | sensitivity. Wide IF selectivity troublesome in | urban/suburban areas. Primitive digital scanning | circuitry may become confused at times. but power | off/on restores sanity. Replace aging capacitors in the | scanning circuits. |

ACT series: Replaced the Regency TMR units. ACTR are | mobiles and ACTE series are base units but share | similar circuitry. Look for the later ACT series, | e.g., ACTR20, used light emitting diodes for channel | indicators instead of incandescent bulbs. Available in | 1 to 20 channel models - most are multi band receivers. | Somewhat wide selectivity. Not all that bad a deal if cheap. |

WHAMO-10: Regency's first synthesized scanner. | Discontinued long ago. Appearance more like a crystal | scanner, with a single LED per channel. User has to | break off teeth on a metal 'comb' for each channel | according to a code book. External frequency control | unit DFS-5K optional. UHF VCO reference oscillator | drifts on some units. Soldered sheet metal shields | around some circuitry make access to some components | difficult for servicing. Comb sockets prone to bad | connections after moderate use. Not recommended due to | maintenance difficulties. |

K500: Nice wood-like cabinet. Discontinued 40 channel | model with every feature Regency could dream of in one | scanner, except aircraft band. Idle tone bypass feature | for mobile phone stations works about 50% of the time. |

Weather alert feature. Service Search in several banks. | Search and Store facility not implemented as well as | BC250, but better than none. Built in clock when radio | off or in manual mode. Can be programmed out of band. | Reasonable performance, but sensitivity could be | better. Spring contacts on membrane keyboard may need | soldering after prolonged use. |

K100: Bare bones version of the K500. 10 channels, no | priority feature. Same wood-like cabinet and reasonable | performance as K500. Spring contacts on membrane | keyboard may need soldering after prolonged use. |

M400: 30 channel replacement for K500, but now discontinued. Service Search, but no aircraft. Easily | programmable out of band. Built in clock when radio off | or in manual mode. Backlit keyboard good for night | viewing and mobile use but generates RFI into nearby SW | receivers. A favorite. |

MX3000: Discontinued 30 channel replacement for M400, | but basic features only. Nice lit keyboard, but may | cause RFI into nearby SW receivers. Easily programmable | out of band, but no aircraft. All 30 channels are in a | single bank, and lack of direct channel access make | this model more difficult to operate. Good first | scanner. |

M100: Discontinued 10 channel unit. Same as MX3000 | except different color and fewer channels. Nicely lit | keyboard, but may cause RFI into nearby SW receivers. |

HX1000: Good, fairly rugged, 30 channel handheld synthesized unit. Generous out of band coverage but no | AM aircraft coverage. Built by Azden. Very sensitive on | UHF, but annoying audio hiss leaks through speaker when | squelched. Belt clip chintzy, but can be directly | replaced with better clip from Kenwood TR2600A. Like | the MX3000, all 30 channels are in a single bank, and | lack of direct channel access make this model more | difficult to operate. Low discount price makes this | best choice for programmable portable. |

HX650/H604: 6 channel crystal portable. Likely made by | Sanyo. Same as Fannon and Bearcat Thin Scan units, | (except that Bearcat has 10.8 MHz IF frequency, and is | harder to get crystals for), but scans faster. Small | size and common crystals (available at Radio Shack), make this 1st choice for bare bones portable scanner.

Radio Shack1

PRO2004: Top of the line, wide band scanner for 1987. *
After a diode is cut, enjoy continuous coverage from
25-520 and 760-1300 MHz, AM, NBFM, and WBFM. Has 300
channels in 10 banks of 30, backed up by conventional 9
volt alkaline battery. Any channel can be designated
the priority channel. Scans and searches fast. Lots
of well designed features, like 10 pairs of search
limits, Lockout Review, default search increment and
emission mode. Sound Squelch allows skipping dead
carriers during search or scan. Metal cabinet, good
internal construction and shielding, but no mobile
mounting bracket or DC power cord. Soft touch membrane
keyboard. Good sensitivity and selectivity. Very good
radio.

PRO2005: Radio Shack's top of the line scanner for 1989 |
and scanner of choice. Essentially a size reduced
PRO-2004 with surface mount components and 400
channels. Some people think the small knobs, smaller
display, and plastic cabinet are a setback from the
2004. The smaller size, real rubber keyboard, and
vertical front panel make it easer to use mobile,
although there is no mobile mounting bracket available
and the keyboard is not backlit. More sensitive than
the PRO-2004 but 800 MHz signals leak through into the
commercial aero band. Highly recommended. |

PRO2006: Radio Shack's 1994 top of the line scanner. |
Essentially the same as PRO-2005 but scans faster. |
Probably the best scanner made to date. Highly |
recommended. |

PRO34: Portable scanner with 200 channels and 800 MHz
coverage. Ten "monitor" channels. Operates from AA
cells. Slow scanning, low audio output, and chintzy
plastic case detract from an otherwise good
performance. No decent leather case available from
Radio Shack. If you need a portable with 800 MHz, get
a Bearcat 200XLT. If you can't get a 200XLT, get a
PRO-34.

PRO2021: Base/mobile scanner. 200 channels in 10 *
banks, LCD display and raised rubber keys. Lots of
memory but scans too slowly and lacks 800 MHz. Ten
"monitor" channels. Radio Shack seemed to have an
overstock of 2021s as they were on sale for such a long
time. Close out price dipped to about $200, which made
it a nice scanner for beginners.

PRO2001: Early, discontinued single bank 16 channel *
programmable. Reasonable coverage of the 3 traditional
bands, minus aircraft band. LED digital display as
well as an LED per channel. Mechanical lockout switch

for each channel. Delay is either on or off for all channels at a time. High synthesizer noise level. Troublesome plated through holes on digital board in some units renders radio virtually unfixable. Could never get mine to work more than a few days in a row; always another bad connection. Some owners have no trouble.

PRO52: Discontinued 8 channel VHF-Lo/Hi base unit. No * UHF band or provision for mobile operation. Good little scanner despite limited frequency coverage and Spartan lack of frills. Front mounted, vertical speaker always a win.

PRO2003: Radio Shack's 1986 top of line. 50 channels + * 10 FM commercial broadcast band channels. Includes aircraft. Good frequency coverage and functionality, but at a high price. Poor human engineering: difficult to read keyboard makes the PRO2003 hard to operate unless in a well lit room. Keyboard label coloring improved on newer units. Rather slow scan rate and high price. Although there are provisions for 12VDC operation, the cabinet shape and lack of mounting bracket makes mobile operation impractical. Scan rate only 8 channels/sec vs. 15/sec in Regency and Bearcat. Causes RFI: Plastic case permits scanner to radiate signals into nearby receivers.

PRO30: 16 channel programmable portable with aircraft * band. Good frequency coverage. Extra controls on top allow control of SCAN, MANUAL, and PRIORITY functions while worn on belt. Good belt clip. Low audio output. Plastic case prone to break at BNC antenna connector under severe use, vs. metal frame in Regency HX1000. High price, no discounts or sales yet. I had 6 or 7 PRO30s, having to return them several times during the 1 year warranty, although other owners have had little or no trouble. Troubles included oscillation in IF stage, no UHF band reception, case broken around base of antenna connector, etc.

PRO24: Only 4 channels in this crystal controlled * portable. Covers the three basic bands, but no aircraft. Easy to obtain batteries and crystals. Characteristic Radio Shack squelch problem, fixable by changing one resistor. All-plastic case larger than Bearcat Thin Scan and clones.

Craig2

4530: Discontinued Japanese 10 channel crystal * controlled 3 band unit. Also available under Plectron

name but in different cabinet. No aircraft band.
Deluxe features like priority, trimmer capacitors for

---

1. Radio Shack scanners are manufactured by General | Research Electronics of Tokyo (GRE) and Uniden.

2. Craig is a division of Pioneer.

- 2 -

netting each channel, front panel speaker, and rugged metal cabinet make this unit a winner. Channel lockout slide switches have finite life. Replacing burned out incandescent channel lamps not fun. Grab a 4530 if you find one in good condition.

Tennelec

Manufactured the first synthesized scanners. Company went out of business several years ago. Schematics and parts difficult to obtain. Radios reputed to be poor performers. Got my MS-2 and MCP-1 basket cases for free and sometimes regret taking them. Not worth fixing unless you have access to DTL/RTL chips and circuit diagrams.
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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5151. Re: Question : Possible to make a scanner ??

Newsgroup: rec.radio.scanner
Date: 1994-06-16 17:46:36 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1994Jun16.174636.26707@ke4zv.atl.ga.us>
Source record: 272998
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.scanner

In article <9406161033.AA05645@csam.MY> fhlee@csam.MY (Lee Fook Heng) writes:
>Sorry if this is a stupid question. I am new and very interested in scanners.
>I was just wondering if it is possible to assemble/"make" a scanner
>from scratch - I mean going to the electrical shop to buy those transistors,
>diodes, etc and assemble it up.

Sure it's possible. A friend of mine builds live steam locomotives in
his basement. Anything is possible to build if you put enough effort
into it. A better question is whether it's practical. Today's scanners
use custom chips that you aren't going to find at the local parts store.
To replace those in your design, you're going to have to use a lot more
discrete logic and a general purpose microprocessor that you program
with the desired scanning algorithms, if you want your scanner to work
like commercial scanners. (You can make an analog scanner with swept
oscillators like those of 20-30 years ago, but I doubt that's what you
want.)

A scanner is nothing more than a wide range receiver that can
automatically tune itself and stop when it detects a signal.
That part is easy. Receivers aren't hard to build, and automatically
tunable oscillators aren't hard to build (typically a programmable
synthesizer in modern scanners, though some still use switched crystal
oscillators). The circuit for stopping on the center frequency of a
detected signal is a little tricky, but not hard either. What becomes
harder are the programmable functions of modern scanners. Commercial
scanners use custom microcontrollers to do that. You'll have to build
a small computer and program it to do the same things. (You can interface
a receiver to an existing computer, like the PC, and do the programming
there, but usually you'll want to use one of the single chip field
programmable controllers on the market.)

If you want features not available on commercial scanners, then you
will have to build your own. But if you are satisfied with the features
of existing commerical scanners, their low price means anything you
build will cost more, and take much more time to do, than it's likely
worth.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

5152. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-16 18:23:53 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jun16.132353.2491@hnrc.tufts.edu>
Source record: 272994

In article <2tpnp4$a9h@umcc.umcc.umich.edu>, tim@umcc.umcc.umich.edu (Tim Tyler) writes:
> In article <2tor4f$ifl@crl.crl.com>, James Shryne <dhz@crl.com> wrote:
>>John Ross (jdross@sdcc13.ucsd.edu) wrote:
>>
>>
>>A few years ago a friend of mine had his car broke into and hid radios
>>stolen and guess what? Yes a few days later a guy came on our closed 440
>>rpt. and asked if the radio was working. He said he had found the radio ;}
>>To make a long story short several of us talked to him and i said i had a
>>friend who worked at a radio store and might be interested in buying the
>>radio if he was interested in selling. You got it he bit hook line and
>
> Of course you know that you broke a law by talking to an
> unlicensed station...
>

I thought that wouldn't be true for the first ten minutes, that is, for the
first 10 minutes there would be no way to be certain that the individual was
unlicensed. The rules require that a call sign be transmitted
every 10 minutes and at the end of the last transmission, but not at the start
of a conversation. It would be *odd* not to give your call up front on a
repeater, but I don't think you could *necessarily* conclude that the
individual was transmitting illegally. If the whole conversation took place
within 10 minutes, then there would be no way for others to be certain that
they were talking to an unlicensed station.

"Just tryin' to be as pedantic as the next guy. Sometimes I manage to
exceed my wildest expectations." :-)

5153. Garth Brooks Freqs at Hollywood Bowl?

Newsgroup: rec.radio.scanner
Date: 1994-06-16 18:47:01 UTC
From: compedge1@aol.com
Message-ID: <2tq6n5$1mg@search01.news.aol.com>
Source record: 272996

On July 14th Garth Brooks is playing a benefit concert at the
Hollywood Bowl. Does anyone have a list of frequencies used by Garth
for such things as wireless mikes, etc.?

5154. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-16 18:59:14 UTC
From: dbushong@wang.com
Message-ID: <Crl7Er.9E1@wang.com>
Source record: 272997

jerry@hnrc.tufts.edu (Jerry Dallal) writes:

>In article <2tpnp4$a9h@umcc.umcc.umich.edu>, tim@umcc.umcc.umich.edu (Tim Tyler) writes:
>> In article <2tor4f$ifl@crl.crl.com>, James Shryne <dhz@crl.com> wrote:
>>>John Ross (jdross@sdcc13.ucsd.edu) wrote:
>>>
>>>
>>>A few years ago a friend of mine had his car broke into and hid radios
>>>stolen and guess what? Yes a few days later a guy came on our closed 440
>>>rpt. and asked if the radio was working. He said he had found the radio ;}
>>>To make a long story short several of us talked to him and i said i had a
>>>friend who worked at a radio store and might be interested in buying the
>>>radio if he was interested in selling. You got it he bit hook line and
>>
>> Of course you know that you broke a law by talking to an
>> unlicensed station...
>>

>I thought that wouldn't be true for the first ten minutes, that is, for the
>first 10 minutes there would be no way to be certain that the individual was
>unlicensed. The rules require that a call sign be transmitted
>every 10 minutes and at the end of the last transmission, but not at the start
>of a conversation. It would be *odd* not to give your call up front on a
>repeater, but I don't think you could *necessarily* conclude that the
>individual was transmitting illegally. If the whole conversation took place
>within 10 minutes, then there would be no way for others to be certain that
>they were talking to an unlicensed station.

I know that years ago a station was required to give, not only his own
callsign, but also the callsign of the other station. In fact, the
only pink slip I ever got was because of me not doing that in a
contest. Nowadays that's not required, so I wonder which law is being
violated by talking to an unlicensed station???? I just skimmed over
97.113 and it wasn't there, either pre- or post-December 93.

Dave, KZ1O
--
Dave Bushong, Wang Laboratories, Inc.

5155. PRO2006 Modification??

Newsgroup: rec.radio.scanner
Date: 1994-06-16 19:14:06 UTC
From: gregt@byter.win.net
Message-ID: <6@byter.win.net>
Source record: 273004

I would appreciate advice on how to modify the RS PRO2006 scanner
to be capable of monitoring cellular channels. Does it require
modification in order to do this? I understand the legal issue
here and would not think of violating anything, but who knows what
may be required in the name of civil defense in the future??
Thank you for you time and consideration.

Gregg Therrien
gregt@byter.win.net
Compuserve 72370,3212

5156. Re: Modify TV angtenna?

Newsgroup: rec.radio.scanner
Date: 1994-06-16 21:55:08 UTC
From: glyle@marie.seas.ucla.edu
Message-ID: <1994Jun16.215508.22109@enterprise.rdd.lmsc.lockheed.com>
Source record: 273002

In article <2tppvk$6pe@sun.cais.com>, gillen@cais.cais.com (Charles Gillen) writes:
|> I've inherited the smallest Radio Shack VHF/UHF TV antenna (3 elements on
|> VHF) and have thought of shortening 2 of the elements to make it look
|> sort of a log periodic, which would hopefully improve the higher freq
|> coverage a bit.
|>
|> Anybody have any comments/ideas/suggestions on this no-cost project?
|>
|> Should such a converted TV antenna be mounted vertically for scanner use?
|>
|>
|> --
|> Charles Gillen * Retired & Restin' in Reston, VA
|> ---------------- gillen@CAIS.COM ---------------

Actually, it is a log periodic. It covers from roughly
50 MHz to 220MHz. Try it first as is, then see if your
mod helps above 220. Vertical polarization is a good idea.
You might want to use a non-metallic mast if you mount it
in that way.

Post and let us know how it works!

George Lyle

5157. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-16 22:05:42 UTC
From: glyle@marie.seas.ucla.edu
Message-ID: <1994Jun16.220542.22295@enterprise.rdd.lmsc.lockheed.com>
Source record: 273003

In article <CrI7Er.9E1@wang.com>, dbushong@wang.com (Dave Bushong) writes:
|> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
|>
|> >In article <2tpnp4$a9h@umcc.umcc.umich.edu>, tim@umcc.umcc.umich.edu (Tim Tyler) writes:
|> >> In article <2tor4f$ifl@crl.crl.com>, James Shryne <dhz@crl.com> wrote:
|> >>>John Ross (jdross@sdcc13.ucsd.edu) wrote:
|> >>>
|> >>>
|> >>>A few years ago a friend of mine had his car broke into and hid radios
|> >>>stolen and guess what? Yes a few days later a guy came on our closed 440
|> >>>rpt. and asked if the radio was working. He said he had found the radio ;}
|> >>>To make a long story short several of us talked to him and i said i had a
|> >>>friend who worked at a radio store and might be interested in buying the
|> >>>radio if he was interested in selling. You got it he bit hook line and
|> >>
|> >> Of course you know that you broke a law by talking to an
|> >> unlicensed station...
|> >>
|>
|> >I thought that wouldn't be true for the first ten minutes, that is, for the
|> >first 10 minutes there would be no way to be certain that the individual was
|> >unlicensed. The rules require that a call sign be transmitted
|> >every 10 minutes and at the end of the last transmission, but not at the start
|> >of a conversation. It would be *odd* not to give your call up front on a
|> >repeater, but I don't think you could *necessarily* conclude that the
|> >individual was transmitting illegally. If the whole conversation took place
|> >within 10 minutes, then there would be no way for others to be certain that
|> >they were talking to an unlicensed station.
|>
|> I know that years ago a station was required to give, not only his own
|> callsign, but also the callsign of the other station. In fact, the
|> only pink slip I ever got was because of me not doing that in a
|> contest. Nowadays that's not required, so I wonder which law is being
|> violated by talking to an unlicensed station???? I just skimmed over
|> 97.113 and it wasn't there, either pre- or post-December 93.

Well, I think that you probably become illegal when you become aware
that the other station is not licensed.

In this real-world case, I am prepared to forgive the hams who talked
the crooks in. Heck, the FCC has a hard time enforcing malicious
violations of part 97. I don't think that they would have a problem
(or even be aware) of the tiny violation illustrated here. I don't
think that they would disagree with relieving the crook of the stolen

radios, as this would prevent problems in the future.

In the case of jamming, it is best to ignore the jammer. They want recognition. If they don't get it, they go away. If you acknowlege them, they'll stick around. Simple as that.

George Lyle, N7TNJ

5158. Re: Grove Scanner Beam Questions???

Newsgroup: rec.radio.scanner
Date: 1994-06-16 22:05:50 UTC
From: el124@cleveland.Freenet.Edu
Message-ID: <2tqibu$2ts@usenet.INS.CWRU.Edu>
Source record: 272999

In a previous article, rling@cad3.uccb.ns.ca (omp.vuw.ac.nz!actrix.gen.nz!mklee
) says:

>Anyone had any experiences with the Grove Scanner Beam?
>Is it any good for cellular and is it well made?
>Does it work better with a rotator?
>I will be using it with a Pro2006.

Ron,

I bought Grove's beam a few months ago. Anyway, when I ordered it,
I was naive and believed that it was some sort of special 'scanner'
antenna. In reality, it is only a tv antenna. You should be able to
go out and buy one...but I don't know if it would be for less.

I also bought a rotator for it. Unless there is only one thing you
want to listen to (ie...a police station located in a certain direction
to your house), you will probably need a rotator.

Unfortunately, I had to return both items because there was nowhere
to put the rotator and antenna. The only place I could put it was
on the chimney. The chimney mount at RS was not sturdy enough to hold
all the weight. Part of the problem is that my chimney needs some
fixing (it's falling apart).

Hope this helps...
--
Mike Wilson COM-ASEL-IA
Spirit of St. Louis, MO
Email: Internet--wilson@sluvca.slu.edu ----------------------
Compuserve--75163,45

5159. Re: Pro 2006 unused channel L/O

Newsgroup: rec.radio.scanner
Date: 1994-06-16 22:21:15 UTC
From: gkd@edwards.WPI.EDU
Message-ID: <2tqj8r$3v8@bigboote.WPI.EDU>
Source record: 273001

In article <2tlkib$rih@usenet.pa.dec.com>, <mike@koteka.zko.dec.com> wrote:
>
>Remeber to lock out all unused banks and then you just have to lock out
>those zeroed channels in the one bank you are scanning (pro requires at
>least one bank enabled). only have to do 39 lock out operations not 399.
>

Or if you've installed the 256K static RAM, 6399.

5160. Re: Hardware

Newsgroup: rec.radio.scanner
Date: 1994-06-16 22:46:19 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771874004@f747.n115.z1>
Source record: 272886

-=> Quoting Kalvis Jansons to All <=-

KJ> Can one buy frequency scanner -- frequency counter combinations, i.e.
KJ> both in the same box, with the counter being able to pass the
KJ> frequecies it finds to the scanners memories. If so, how much do they
KJ> cost and where can they be found? And, if not, why doesnt someone make
KJ> one?

In actuality, frequency counters aren't that sensitive. You would have to be very close to a transmitter to be able to receive the frequency in use.
Now, for a scanner that has something similiar to what you describe would be the Uniden Bearcat 2500. It has an auto search and store feature that searches through the frequency ranges and when it finds a transmission, automatically stores it in a memory channel and continues.
There may be other scanners with this feature, both present and in the near future.

Jerry

5161. Re: I changed pro-2006 Xtal to 15MHZ..it works faster

Newsgroup: rec.radio.scanner
Date: 1994-06-16 22:58:49 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771874005@f747.n115.z1>
Source record: 272888

-=> Quoting Mickey R Henniger to All <=-

MRH> On the microprocessor board (behind the keypad) I found a 3 legged
MRH> crystal + dual capacitor combo thingie. I unsoldered it and replaced
MRH> it with a 15 Mhz crystal. It works okay. Scanning speed up to about
MRH> 38.5 channels / sec.
MRH>

Hi, Mick...
This modification is one that is described in Bill Cheek's Scanning
Modification books. He recommends not going past 16 Mhz as this will
overwork the microprocessor.

In case you haven't noticed, there is a side effect to this
mod...delay time is cut in half.

Jerry

5162. Re: Question

Newsgroup: rec.radio.scanner
Date: 1994-06-16 23:06:20 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771874006@f747.n115.z1>
Source record: 272885

-=> Quoting Michael Paul to All <=-

MP> From: mpaul@sad.hp.com (Michael Paul)
MP>
MP> Hello everyone,
MP>
MP> I know that this might not be the best group to post this question in,
MP> but I figured some of you might be able to help me. I've heard of a
MP> device that you can hook up to your telephone line that will tell you
MP> the phone number of the last person that called you. Here in Calif.
MP> the device is illegal, although Pac Bell will sell you a service called
MP> 'CALL RETURN', but it won't tell you the number. The local Radio
MP> Shack guy said that Radio Shacks in other states (he didn't specify
MP> which states) sell such a device.
MP> Can anyone tell me which states (hopefully one that neighbors CA) sell
MP> something like this? Approx. cost? Works with any phone system? Any
MP> other details.

Hi, Mike...
The device you seek is for a system called Caller ID. It is offered by
several Bell companies, depending on whether it is authorized or not by
their respective control agencies.
Basically, when a subscriber has this box, it will display the phone
number and in some cases, the name of the caller when the phone is
ringing. Some boxes usually have a memory and will store the number for
later retrieval.

You can't just buy a Caller ID box and hook it up. The central office
of the phone company must have the equipment installed into the network.
Then, the phone company has to turn it on when a subscriber desires the
service.

Jerry

5163. Re: Regency Scanners

Newsgroup: rec.radio.scanner
Date: 1994-06-16 23:07:47 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771874007@f747.n115.z1>
Source record: 272887

-=> Quoting Ken Kociolek to All <=-

KK> From: dprkk@ceco.ceco.com (Ken Kociolek)
KK> Reply-To: dprkk@ceco.ceco.com
KK>
KK> What ever happened to the company in Indianapolis that made
KK> Regency scanners. Are they still around? Were they taken
KK> over by someone? Any clues out there.

Electra, which sold Bearcats, took control of Regency. Then, Uniden
bought Electra.
Regency's are (if still sold under the trade name) manufactured by
Uniden.

Jerry

5164. Re: Space Shuttle Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-16 23:11:40 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771874008@f747.n115.z1>
Source record: 272890

-=> Quoting robert gruen to All <=-

rg> From: robert.gruen@sdrc.com (robert gruen)
rg>
rg>
rg> I was wondering if the public is allowed to monitor the Space shuttle?
rg> Is this even possible? Does anyone know the proper frequencies?
rg>

Hi, Bob...
Yes, it is legal to monitor the Space shuttle. Matter of fact, it may
be as close as your scanner.
Many ham repeaters, when given permission, will re-broadcast shuttle
transmissions. Check the 144-148, 220 Mhz, and 440 Mhz range for ham
re-broadcasts.

Jerry

5165. Re: Sporadic E Opening to New England

Newsgroup: rec.radio.scanner
Date: 1994-06-16 23:13:59 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771874009@f747.n115.z1>
Source record: 272891

-=> Quoting SDS910 to All <=-

SD> From: sds910@aol.com (SDS910)
SD>
SD> There was a tremendous amount of e-skip this past weekend coming in
SD> to NYC, particularly noticeable at TV channels 2-4. We were able to
SD> copy TV stations from several cities in Louisiana (!), Tampa, FL and,
SD> oddly, Illinois!
SD>
SD> All this was done on a portable set with a pair of rabbit ears....
SD>
SD> Never mind how the PRO-2006 was buzzing! ;)
SD>
SD> Steve Shorten

Hi, Steve...
Yes, I heard the skip a bit last week. I was picking up transmissions
from Kentucky. I have occasionally picked up some fire dispatches 10 years
ago or so from New York in the 33 Mhz range, I believe.

I suspect you were picking up WBBM TV in Chicago. Yes? They are on
Channel 2.

Jerry

5166. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-16 23:24:32 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771874010@f747.n115.z1>
Source record: 272889

-=> Quoting John Ross to All <=-

JR> From: jdross@sdcc13.ucsd.edu (John Ross)
JR>
JR>
JR> the people on the repeater. The hams referred to him as a
JR> boot-legger a few times, and then one said "He's using a Radio Shack
JR> hand talkie, and we have the serial number. We know where he lives
JR> and we'll have the police knocking down his door soon now." A
JR> little while later, the same ham said, "We've been able to
JR> triangulate his position, and I'll be making my call about him
JR> shortly".
JR> My question is, were they bluffing just to scare the guy off
JR> of the repeater for the night? Is it possible to get the serial
JR> number off of the ham rig that someone is transmitting from? I've
JR> heard about triangulate someone's position before, but is it
JR> accurate enough for hams to do on their own, like this ham was
JR> talking about? Any info would be great!

Hi, John...It would be pretty far-fetched to know the serial number and the type of unit he is using to make the offending broadcasts. Triangulating someone is not impossible. Matter of fact, about 6 months ago, someone had broken into a police frequency in the 470 range. They were carrying on and making abusive statements on the radio. An officer, who is also a ham, was called in to track them down. They were making broadcasts on a handheld radio while driving around in their car. They happened to be parked when the ham/officer was able to catch them in the act. The suspects were apprehended and charged with improper use of a ham radio and making broadcasts on an unauthorized frequency.
Some hams can afford expensive equipment. It's what they enjoy doing, so I would believe that these operators were able to pinpoint his location.

Jerry

5167. How to build an attenuator?

Newsgroup: rec.radio.scanner
Date: 1994-06-16 23:49:20 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Jun16.234920.23755@alw.nih.gov>
Source record: 273005

Well, I'm embarrassed to say it, but I graduated school (a couple of years ago) with an Engineering degree and somehow managed *not* to take even an intro circuits class. I now regret that and am reading Wiley's "Electronics" intro book, but I have a problem that I'd like to solve now. I want to build an attenuator that will give me about 3 dB attenuation over a portion (or all) of the 800 MHz band.

I live in Arlington, VA where we have a really powerful 800 MHz trunked signal that is loud and clear everywhere in the county. The problem is that my Pro-43 sees the "data" noise on the control channel smeared all over other nearby channels when anywhere near an antenna. They must have antennas in a few locations around the county, because I find hot spots while driving around. The only solution that I've found so far is to remove the antenna entirely. I generally find that I still have no problem receiving Arlington's trunked system but I, of course, lose everything else that I listen to. So, I'm hoping that by building something to knock about 3 dB of signal off of 856-861 MHz that I'll solve the problem. I'd like to build something that is relatively flat over that region, but it could take a while to roll off outside that region since I tend not to listen to anything else above 800 MHz.

I have absolutely no experience designing such a circuit (or, really any non-digital circuit at all), but am handy with a schematic and a soldering iron. So, can anyone recommend a good place to look for such info? I guess that I could get a book on filter design, but I have a feeling that it would immediately go over my head.

I'd appreciate any tips that you could provide and would be glad to summarize if people don't think that there's a general interest.

Regards,
Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: +1 301 402 4030
Bethesda, MD 20892 Fax: +1 301 402 2867

5168. WANTED: Columbus, Ohio Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-17 00:07:38 UTC
From: ez043756@wilma.ucdavis.edu
Message-ID: <CrILoq.C0A@ucdavis.edu>
Source record: 273006

I am new to Columbus and really want a frequency list for the
area. Police, fire, et cetera is what I am looking for. Also, I live
about 200 yards from the Ohio State University hospital, so those and any
other OSU frequencies would be greatly appreciated. Thanks in advance!

--
Steve Cantrell
e-mail addresses: smcantrell@ucdavis.edu
scantrel@magnus.acs.ohio-state.edu

5169. Re: NYS Traffic Law

Newsgroup: rec.radio.scanner
Date: 1994-06-17 00:12:55 UTC
From: stevalln@dorsai.org
Message-ID: <CrILxK.1AM@dorsai.org>
Source record: 273007

: Besides having a bunch of stupid run on sentences, am I correct in
: believing that if I am a licensed amateur radio operator (which I
: am), that I may equip my motor vehicle with a scanner. Also, do I
: need to have say 2m frequencies inputted into my scanner???

It says that you can have a ham transceiver (that's with a transmitter)
that can also receive police frequencies.

5170. Thanks!

Newsgroup: rec.radio.scanner
Date: 1994-06-17 00:42:04 UTC
From: Mike.Holl@launchpad.unc.edu
Message-ID: <2tqrgs$hir@samba.oit.unc.edu>
Source record: 273009
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

Thanks to everyone who sent me info on the 2SRA and the FT-530...

I ended up ordering the 2SRA yesterday and got it in the mail today. I absolutely love it!

Michael Holl - N9TWU
--
Mike.Holl@launchpad.unc.edu
--
-- --
Launchpad is an experimental internet BBS. The views of its users do not necessarily represent those of UNC, OIT, the SysOps or Captain Picard.
-- --

5171. Re: Freq needed

Newsgroup: rec.radio.scanner
Date: 1994-06-17 01:02:13 UTC
From: jwh@kaiwan.com
Message-ID: <2tqsml$ihj@kaiwan.kaiwan.com>
Source record: 273010

```
BABY MONITORS AND LOW POWER WT
==============================
49.830 - Ch. A
49.845 - Ch. B
49.860 - Ch. C
49.875 - Ch. D
49.890 - Ch. E

* General Scan Range: 49.830 - 49.93

FAST FOOD FREQUENCIES
AS OF 02/05/94
030.8400 ARBY'S
031.0000 ARBY'S
154.5700 ARBY'S
457.5500 ARBY'S
479.2500 ARBY'S
467.7625 BESS EATON DONUT CLERK (I)
457.5375 BESS EATON DONUT CUSTOMER (R)
154.5700 BIG BOY CLERK (I)
467.8250 BIG BOY CLERK (I)
030.8400 BIG BOY CUSTOMER (R)
457.6000 BIG BOY CUSTOMER (R)
030.8400 BURGER KING
031.0000 BURGER KING CORPORATION
100.0000 BURGER KING (PRIVATE LINE)
103.5000 BURGER KING (PRIVATE LINE)
110.9000 BURGER KING (PRIVATE LINE)
114.8000 BURGER KING (PRIVATE LINE)
127.3000 BURGER KING (PRIVATE LINE)
154.5700 BURGER KING
170.3050 BURGER KING CLERK
30.84000 BURGER KING CUSTOMER
457.5500 BURGER KING CUSTOMER
457.5625 BURGER KING
457.5750 BURGER KING
457.6000 BURGER KING
457.8250 BURGER KING
460.8875 BURGER KING
461.5375 BURGER KING CUSTOMER (R)
463.2875 BURGER KING CORPORATION
465.8875 BURGER KING CLERK
467.7750 BURGER KING CLERK
467.7875 BURGER KING CLERK
467.8000 BURGER KING CLERK
```

467.8250 BURGER KING CLERK
031.0000 CHICK FIL A
170.3050 CHICK FIL A
030.8400 DAIRY QUEEN
154.5700 DAIRY QUEEN
033.4000 DUNKIN DONUTS
082.5000 DUNKIN DONUTS (PRIVATE LINE)
100.0000 DUNKIN DONUTS (PRIVATE LINE)
114.8000 DUNKIN DONUTS (PRIVATE LINE)
127.3000 DUNKIN DONUTS (PRIVATE LINE)
457.5500 DUNKIN DONUTS
467.7750 DUNKIN DONUTS
031.0000 FOSTER FREEZE
170.3050 FOSTER FREEZE
030.8400 HARDEE'S
031.0000 HARDEE'S
035.0200 HARDEE'S
151.6850 HARDEE'S
151.8050 HARDEE'S
154.5700 HARDEE'S
154.6000 HARDEE'S
170.3050 HARDEE'S
457.5500 HARDEE'S
457.5750 HARDEE'S
460.8875 HARDEE'S
461.1125 HARDEE'S
461.7125 HARDEE'S
466.1125 HARDEE'S
033.4000 JACK IN THE BOX
154.5400 JACK IN THE BOX
469.0250 JACK IN THE BOX
030.8200 KENTUCKY FRIED CHICKEN
030.8400 KENTUCKY FRIED CHICKEN
031.0000 KENTUCKY FRIED CHICKEN CUSTOMER
033.4000 KENTUCKY FRIED CHICKEN
082.5000 KENTUCKY FRIED CHICKEN (PRIVATE LINE)
088.5000 KENTUCKY FRIED CHICKEN (PRIVATE LINE)
123.0000 KENTUCKY FRIED CHICKEN (PRIVATE LINE)
154.5400 KENTUCKY FRIED CHICKEN
154.5700 KENTUCKY FRIED CHICKEN
162.2000 KENTUCKY FRIED CHICKEN (PRIVATE LINE)
170.3050 KENTUCKY FRIED CHICKEN CLERK
457.5375 KENTUCKY FRIED CHICKEN
457.5875 KENTUCKY FRIED CHICKEN CUSTOMER
457.6000 KENTUCKY FRIED CHICKEN
460.8875 KENTUCKY FRIED CHICKEN
461.0875 KENTUCKY FRIED CHICKEN
462.1625 KENTUCKY FRIED CHICKEN
462.7500 KENTUCKY FRIED CHICKEN
462.7625 KENTUCKY FRIED CHICKEN

464.0875 KENTUCKY FRIED CHICKEN
465.8875 KENTUCKY FRIED CHICKEN
467.8125 KENTUCKY FRIED CHICKEN CLERK
467.8875 KENTUCKY FRIED CHICKEN
468.3875 KENTUCKY FRIED CHICKEN
469.0875 KENTUCKY FRIED CHICKEN
030.8400 MCDONALD'S
031.0000 MCDONALD'S
033.1400 MCDONALD'S
033.4000 MCDONALD'S
033.7150 MCDONALD'S
035.0200 MCDONALD'S
035.1200 MCDONALD'S (BUSINESS)
067.7750 MCDONALD'S CUSTOMER
070.2450 MCDONALD'S CUSTOMER
071.1050 MCDONALD'S CUSTOMER
088.5000 MCDONALD'S (PRIVATE LINE)
100.0000 MCDONALD'S (PRIVATE LINE)
107.2000 MCDONALD'S (PRIVATE LINE)
141.3000 MCDONALD'S (PRIVATE LINE)
151.7150 MCDONALD'S
151.7750 MCDONALD'S
151.8950 MCDONALD'S
154.4900 MCDONALD'S CLERK
154.5400 MCDONALD'S
154.5700 MCDONALD'S
154.5800 MCDONALD'S CLERK
154.6000 MCDONALD'S
154.7000 MCDONALD'S
169.4450 MCDONALD'S
170.2450 MCDONALD'S
170.2500 MCDONALD'S
170.3050 MCDONALD'S
171.1050 MCDONALD'S
171.9050 MCDONALD'S
192.8000 MCDONALD'S (PRIVATE LINE)
457.5500 MCDONALD'S
461.0375 MCDONALD'S CUSTOMER
463.2875 MCDONALD'S CUSTOMER
464.0125 MCDONALD'S
464.5125 MCDONALD'S
466.0375 MCDONALD'S CLERK
467.7750 MCDONALD'S
468.2875 MCDONALD'S CLERK
469.0125 MCDONALD'S
469.5125 MCDONALD'S CLERK
030.8400 MRS WINNERS DRIVE UP
030.8400 TACO BELL CUSTOMER
151.4000 TACO BELL (PRIVATE LINE)
154.5700 TACO BELL CLERK

162.2000 TACO BELL (PRIVATE LINE)
173.8000 TACO BELL (PRIVATE LINE)
457.5375 TACO BELL
457.5500 TACO BELL
460.8875 TACO BELL
461.0375 TACO BELL
461.0875 TACO BELL
461.5375 TACO BELL
464.9625 TACO BELL
465.8875 TACO BELL CLERK
466.0375 TACO BELL
466.0875 TACO BELL
466.5375 TACO BELL
468.3875 TACO BELL
469.9625 TACO BELL
030.8400 WENDY'S
031.0000 WENDY'S
049.8300 WENDY'S CUSTOMER
049.8900 WENDY'S CLERK
100.0000 WENDY'S (PRIVATE LINE)
110.9000 WENDY'S (PRIVATE LINE)
154.5700 WENDY'S
170.3050 WENDY'S
457.5375 WENDY'S
460.8875 WENDY'S
461.0875 WENDY'S
461.8125 WENDY'S
465.8875 WENDY'S
466.0875 WENDY'S
468.3875 WENDY'S
461.8125 WHITE CASTLE
461.8125 WHITE CASTLE CUSTOMER
466.8125 WHITE CASTLE CLERK
170.2450 WIRELESS MICS
170.3050 WIRELESS MICS
171.1050 WIRELESS MICS
171.9050 WIRELESS MICS

I've got more online.. but that should get you started.

John Herndon (jwh@kaiwan.com)
--
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5172. Re: Computer control?

Newsgroup: rec.radio.scanner
Date: 1994-06-17 01:28:27 UTC
From: ev970@cleveland.Freenet.Edu
Message-ID: <2tqu7r$k86@usenet.INS.CWRU.Edu>
Source record: 273011

In a previous article, jerry@hnrc.tufts.edu (Jerry Dallal) says:

> Always looking to expand my horizons, I'd be appreciateive
> if someone would expound on the wonders of computer controlled
> scanning. (I've been toying with the idea of getting an
> OptoScan 456 for my PRO-2006.)
>
> My (mis?)understanding is that the major advantage of
> computer control is that it simplifies the task of discovering
> what frequencies are actually in use. I could leave the unit
> for long periods of unattended scanning and review its finding
> at my leisure.

Yes, I assume you can do that with the OPTO unit, but unfortunately, to listen to those frequencies, you will have to have the computer dedicated to the scanner, or punch them in manually. My preferred way is to have the computer find them, then program them into the scanner memories. Then I can listen to them without having to tie the computer up. I can do that with my HB-232. Another interesting device is the PRO-232, which apparently, is similiar to then HB-232, but cheaper.

The OPTO does give you CTCSS and DTMF detection, but I am not convinced that it gives you that much more than the HB232 product, in practical terms, and less in some. Personal opinion, obviously, and I have not played with the OPTO unit to give it a fair shake.

5173. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-17 02:37:12 UTC
From: dennisdo@aol.com
Message-ID: <2tr28o$a75@search01.news.aol.com>
Source record: 273012

In article <CrH02M.1MAD@yuma.ACNS.ColoState.EDU>,
drranu@lamar.ColoState.EDU (Emarit Ranu) writes:

It is possible to triangulate a transmission. Ham operators sometimes
run a fox hunt where they try to locate a transmitter. Not difficult
to do and in the case of some bummers that have tied up repeaters,
this is done. So if enough people get mad enough, it will be done.
Ham operators tend to be very self policing and operate within the
law almost 100% of the time.
Dennis

5174. Re: Pro 2006 unused channel L/O

Newsgroup: rec.radio.scanner
Date: 1994-06-17 02:48:00 UTC
From: eric@garnet.msen.com
Message-ID: <2tr2t0$7pv$1@garnet.msen.com>
Source record: 273013

In article <2tqj8r$3v8@bigboote.wpi.edu>,
Gregory K Doerschler <gkd@edwards.WPI.EDU> wrote:
>In article <2tlkib$rih@usenet.pa.dec.com>, <mike@koteka.zko.dec.com> wrote:
>>
>>Remeber to lock out all unused banks and then you just have to lock out
>>those zeroed channels in the one bank you are scanning (pro requires at
>>least one bank enabled). only have to do 39 lock out operations not 399.
>>
>
>Or if you've installed the 256K static RAM, 6399.
>

What's this about a 256K static RAM giving 6399 channels? Could somebody
please explain what this is in reference to? I'd sure be interested.
- - Eric

--
------------------<Golan Security/Defense Policy Studies>--------------------
eric@golan.org | The HOWITZER of truth on the | Holyland Harley-
72000.1256@compuserve.com | battlefield of propoganda. | Davidson Club
----

5175. Re: Garth Brooks Freqs at Hollywood Bowl?

Newsgroup: rec.radio.scanner
Date: 1994-06-17 03:37:46 UTC
From: msaran@olympus.net
Message-ID: <2tr5qa$4du@olympus.net>
Source record: 273015

CompEdge1 (compedge1@aol.com) wrote:
: On July 14th Garth Brooks is playing a benefit concert at the
: Hollywood Bowl. Does anyone have a list of frequencies used by Garth
: for such things as wireless mikes, etc.?

Try 168-225mhz wideband FM
--
Mark Saran
msaran@olympus.net

5176. Re: beepers/pagers

Newsgroup: rec.radio.scanner
Date: 1994-06-17 05:17:11 UTC
From: jennings_j@kosmos.wcc.govt.nz
Message-ID: <2trbkn$s2i@golem.wcc.govt.nz>
Source record: 273024

Ivan, I too would be interested in any information you recieve.
thanks in advance, ��
John jennings

```
In article <2980488212.2.wk03268@worldlink.com>, "Ivan Landis" <wk03268@worldlink.com>
writes:
>Within the last week or so there were several postings about how to capture/
>listen to beepers - didn't pay too much attention at the time BUT now I'm
>interested. If anyone captured the info I'd surely appreciate it if they
>could email it to me.
```

5177. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-17 05:38:44 UTC
From: dhz@crl.com
Message-ID: <2trct4$rus@crl3.crl.com>
Source record: 273017

Tim Tyler (tim@umcc.umcc.umich.edu) wrote:
>In article <2tor4f$ifl@crl.crl.com>, James Shryne <dhz@crl.com> wrote:
>>John Ross (jdross@sdcc13.ucsd.edu) wrote:
>>
>>
>>A few years ago a friend of mine had his car broke into and hid radios
>>stolen and guess what? Yes a few days later a guy came on our closed 440
>>rpt. and asked if the radio was working. He said he had found the radio ;}
>>To make a long story short several of us talked to him and i said i had a
>>friend who worked at a radio store and might be interested in buying the
>>radio if he was interested in selling. You got it he bit hook line and

> Of course you know that you broke a law by talking to an
>unlicensed station...

First the rpt they were on was not what you would call a busy system.
Everyone on the rpt knows each other and has for years. We had all been
told about the stolen radios. So it was obvious when a couple of days
later some guy comes on wanting to know if the radio works and saying he
found it that not only was he not licensed but was the probably the guy
who stole the radio. In the case of most jamming i agree with the general
view i have seen posted "IGNORE THEM" but in this case i didn't have a
problem doing what we did. If it had meant a note from the FCC so be it.
It's kind of like breaking a speed law to catch a hit and run driver.

73'S

--
JIM SHRYNE |Read the Constitution! for a copy ftp.crl.com ftp/users/ro/dhz
ARS N6DHZ |Honesty is not something you should flirt with- you should
dhz@crl.com |be married to it. >There's more ways to skin a cat than stickin'
|his head in a boot jack and jerkin' on his tail

5178. Re: where can I get an 800khz oscillator? (double 200XLT clock)

Newsgroup: rec.radio.scanner
Date: 1994-06-17 06:25:23 UTC
From: mike@Hopper.itc.Virginia.EDU
Message-ID: <CrJ36B.M9L@murdoch.acc.Virginia.EDU>
Source record: 272926

In article <Muq-jiubGoc7066yn@access.digex.net>,
Andy Domonkos <domonkos@access.digex.net> wrote:
>You have me curious, what will you be doing with the oscillator? Injecting
>into a L/O somewhere?

Just replacing the current oscillator.
--
Mike Chapman

5179. AOR300A & MAC

Newsgroup: rec.radio.scanner
Date: 1994-06-17 06:29:00 UTC
From: chris.conner@cforum.com
Message-ID: <48.7509.464.0N50E2A6@cforum.com>
Source record: 272929

I purchased an AOR 3000A radio this past week and am having a difficult time getting it configured to my MAC LC through the serial port. I can easily get computer access using an IBM Laptop, but would like to have access using the Mac. If anyone can share their success secrets with this configuration or the software to do it wit, I would like the information. Thanks for any help.....
Chris Conner

5180. Uniden MR8100A

Newsgroup: rec.radio.scanner
Date: 1994-06-17 06:36:00 UTC
From: chris.conner@cforum.com
Message-ID: <48.7520.464.0N50E2A7@cforum.com>
Source record: 272930

Steve, I purchased the MR8100 in 1990 and enjoyed having in my car for a couple of years. I have not tried it for use as a base scanner and would imagine the computer would cause a great deal of interference depending on the type of antenna you use. After using the MR8100 for about 18 months the alpha numeric display started to show phantom numbers and other oddities. The software that came with the unit was meddlesome and very time consuming. (Uniden has probably upgraded the software.) The obvious plus is the ability to read the station you ar monitoring. I currently use the MR8100 on my boat and use about 30 of the 100 channels...
Chris Conner

5181. Re: NYS Traffic Law

Newsgroup: rec.radio.scanner
Date: 1994-06-17 13:27:10 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2ts8be$6m4@dancer.cc.bellcore.com>
Source record: 272942

In article <771788971.AA00274@pfzrfsg.com>,
System Supervisor <System.Supervisor@f18.n1100.z51.pfzrfsg.com> wrote:
> > From: steved8419@aol.com (SteveD8419)
> > Message-ID: <2todu9$i3s@search01.news.aol.com>
> > Date: 15 Jun 1994 22:38:01 -0400
>
> > and who operates a duly licensed portable mobile transmitter and in
> > connection therewith a receiver or receiving set on frequencies
> > exclusively allocated by the federal communications commission to
> > duly licensed radio amateurs.
>
> > Besides having a bunch of stupid run on sentences, am I correct in
> > believing that if I am a licensed amateur radio operator (which I
> > am), that I may equip my motor vehicle with a scanner.
>
>It is my understanding that the exemption for HAMs does *not* cover
>scanners.

Since a scanner is a receiver, the use of a scanner in concert with
a transmitter (or a transciever) should cover the situation.

>The exemption recogizes the supremecy clause of the
>Constitution. However, the device in question, a scanner, is not Federally
>licensed so that it is well within the state's right to regulate it as it
>sees fit (no matter how misguided).

The reality (not legal opinion, just my own perspective) is probably
that the police (1) rarely enforce the NYS law and (2) probably don't
do anything if you are a ham because they aren't technically competent
to determine exactly what the law might mean (or more importantly to
a cop and a prosecutor, can they get a conviction?)

In another post someone wrote:
>: Besides having a bunch of stupid run on sentences, am I correct in
>: believing that if I am a licensed amateur radio operator (which I
>: am), that I may equip my motor vehicle with a scanner. Also, do I
>: need to have say 2m frequencies inputted into my scanner???
>It says that you can have a ham transceiver (that's with a transmitter)
>that can also receive police frequencies.

If the quote from the NYS law above is correct it doesn't specify a
transciever, it only mentions a transmitter (which also includes a
transceivers) being in the car along with the receiver (and again, all
scanners are certainly receivers).

As to having some amateur band frequencies programmed into the receiver (scanner) and transmitter, that'd be a prudent precaution if the situation ever went as far as to the cop (or court) trying to make a determination that the equipment was set up for amateur band operation.

Bottom line again seems to be that there has been no prosecution of any hams under the NYS law (or NYC version), at least as far as has been reported in the pages of ham magazines like QST and CQ. And you can bet that any ham charged under the NYS law would very likely have reported the incident to the ARRL (publishes QST magazine to ARRL membership)

That doesn't mean that an isolated case has happened and just not been reported, but it does (IMHO) seem to show that a licensed ham is usally insulated from harrasing prosecution under the NYS law.

Again, just my opinion, and more good reasons for scanner enthusiasts to consider becoming a ham, especially now that there's a "no-code" technician class license that you can strive for.

Anyone interested in learning more about becoming a ham can request a free information package from the Amateur Radio Relay League (ARRL) by calling 1-800-326-3942 and requesting one.

Cheers,
Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

5182. SCANNER BAN COMING

Newsgroup: rec.radio.scanner
Date: 1994-06-17 13:43:00 UTC
From: chuck.zeps@dt-can.com
Message-ID: <fe.1123.3070@dt-can.com>
Source record: 272947

From a CANADIAN PRESS article of Friday 17 June 1994

PHONE SCANNERS LIKELY TO BE BANNED

OTTAWA - Chances are "very high" the government will ban digital scanners that pick up cellular and cordless phone conversations, says Jon Gerrard, secretary of State for science and technology. The Federal advisory council on the information highway is poised to recommend outlawing manufacture and sale of the scanning devices - advice the government is likely to accept, Gerrard said Thursday.
"I think the case was made very eloquently and quite convincingly", he said at the conclusion of the councils second full meeting. The 30 member council, appointed this spring, is advising the government on the so-called information highway - the burgeoning web of telephone, cable, satellite and computer networks.

SECURITY ISSUES: " The Government is very concerned about privacy and security issues," said Gerrard, who attended the two-day meeting. There are more than one million cellular phones, well over two million cordless phones and some 900,000 analog scanners across Canada.
The wireless phone industry is shifting to digital signals that can't be picked up by cheap analog scanners.
But some are concerned that scanners capable of decoding digitized voice communications could soon become common in corner electronic stores.
Legislation would nip the new breed of scanner in the bud , said Gerrard.
"There's no point in people investing money developing commercial digital scanners if that's the direction were going to go," he said. "And I suspect , based on the recommendations of the council, that the chances of that are very high."

[...]
=
chuck.zeps@dt-can.com
=
::
:::c.zeps@genie.geis.com:::NsAc4sEmTeXpEtNbOmBcLiNtOnSsDeAbAtF:::
:::CDN.Assn.Rocketry S155::kGbGrUcSiSrCmPdOdsPeTzNaZiJeWmOsSaD:::
:::VE3SMN:::NRA Member:::::@8F@CoCaMeXcArTeLgOvDoPeBuShMeNaGuN:::::::
::

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5183. Re: Space Shuttle Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-17 13:48:40 UTC
From: bat@gdstech.GRUMMAN.COM
Message-ID: <BAT.94Jun17084840@gdstech.GRUMMAN.COM>
Source record: 272961

Yes, I listened too the shuttle on many passes, on 145.55. Their
packet
'robot' will accept connect requests, assign a number to the caller,
then
disconnect to be ready for the next calling station. Each overhead
pass is
quick, just a few minutes. But, I copied the packet activity quite
nicely and saw many Hams get a contact. They are now entitled to
collect a QSL card confirming their contacts.
The astronauts are always very busy, and rarely freelance on FM
voice. Most (almost all) of their 145.55 voice contacts are pre-
arranged with school groups who are chosen months in advance.
But, when freelancing they listen on any one of 6 uplink
frequencies to spread out the callers. But everyone still listens
to them on 145.55.
--
--
* Pat Masterson D12-25 | KE2LJ@KC2FD *
* Grumman Data Systems | 516-346-6316. *
* Bethpage, NY 11746 | bat@gdstech.grumman.com *

5184. Sorry for asking: Pro-2006 mods...

Newsgroup: rec.radio.scanner
Date: 1994-06-17 13:49:14 UTC
From: briskin@binah.cc.brandeis.edu
Message-ID: <1994Jun17.134914.15320@news.cs.brandeis.edu>
Source record: 272932

I sincerely apologize for being a newbie and not reading the FAQ (where th' heck is it, anway?) but I'm about to get a Pro-2006 and humbly request for someone to tell me where I can FTP the, er, "coverage restoration" mod instructions from. Thank you.

Jeff Briskin
Brandeis University
briskin@binah.cc.brandeis.edu

5185. Re: PRO2006 Modification??

Newsgroup: rec.radio.scanner
Date: 1994-06-17 13:54:33 UTC
From: eric@garnet.msen.com
Message-ID: <2ts9upqoo1@garnet.msen.com>
Source record: 272931

In article <6@byter.win.net>, GREGORY A. THERRIEN <gregt@byter.win.net> wrote:
>I would appreciate advice on how to modify the RS PRO2006 scanner
>to be capable of monitoring cellular channels. Does it require
>modification in order to do this? I understand the legal issue
>here and would not think of violating anything, but who knows what
>may be required in the name of civil defense in the future??
>Thank you for you time and consideration.
>
>Gregg Therrien
>gregt@byter.win.net
>Compuserve 72370,3212
>
Gregg,
without going into complete details here, you can find everything you're
looking for at the ftp site: oak.oakland.edu. Then follow the path:
pub\hamradio\mods\tandy. This should answer your every question.
- - Eric

--
------------------<Golan Security/Defense Policy Studies>--------------------
eric@golan.org | The HOWITZER of truth on the | Holyland Harley-
72000.1256@compuserve.com | battlefield of propoganda. | Davidson Club
----

5186. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-06-17 14:26:46 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.328.000E72AF@ccm.hf.intel.com>
Source record: 272954

In article <2tsmvp$87k@brahms.udel.edu> kmorrill@brahms.udel.edu (Kenneth J Morrill) writes:

>Please e-mail me if you know of a source in the United States that
>still sells the full-coverage Icom R-7100. Thank you heartily.
>Sincerely,
>Ken <kmorrill@strauss.udel.edu>

Call Tucker electronics. I heard they got a very late shipment in. They didn't expect it to make it in passed the cutoff, so they didn't have a witing list for them. Sorry I don't have the number handy.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5187. Re: Pro 2006 unused channel L/O

Newsgroup: rec.radio.scanner
Date: 1994-06-17 14:38:58 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.329.000EA6B4@ccm.hf.intel.com>
Source record: 272955

In article <2tr2t0$7pv$1@garnet.msen.com> eric@garnet.msen.com (Eric Norber) writes:
>>Or if you've installed the 256K static RAM, 6399.
>>

>What's this about a 256K static RAM giving 6399 channels? Could somebody
>please explain what this is in reference to? I'd sure be interested.
> - - Eric

In Bill Cheek's first Scanner Modification Handbook he shows how to replace the stock memory chip with one that has 4 additional address lines. 4 new lines give you 16 times the memory. So you wind up with 16 "blocks" of 400 channels, thus 6400 memory channels. I did this mod about 4 years ago and it works great. In his second book, he shows how to access the 16 blocks via keypad. I used dip switches since his second book wasn't out at the time. I probably only use about 5 or 6 of the blocks, but its nice to know you'll never run out of memory. There is even a mod to show you how to add 2 of the new chips to get 12800 memories... a bit silly without computer control. The mod isn't for the faint-of-heart.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5188. SeaWorld (Ohio)

Newsgroup: rec.radio.scanner
Date: 1994-06-17 14:49:06 UTC
From: jpillera@umi.com
Message-ID: <9406171452.AA05184@umi7.umi.com>
Source record: 272933

Anyone have a list of frequencies for SeaWorld? I'm going in
July, and I'm taking my scanner ;-)

Thanks in advance,
Joe

5189. Yupiteru 7100

Newsgroup: rec.radio.scanner
Date: 1994-06-17 15:47:59 UTC
From: biddle_s@kosmos.wcc.govt.nz
Message-ID: <1994Jun17.154759.1@kosmos.wcc.govt.nz>
Source record: 273016

Does anybody out there have any comments on the Yupiteru 7100? I'm planning on getting a new scanner RSN now, and would like to know what seems to good/ bad about it, rather than listening to a sales pitch with just it's good points! :-)

--

| Steven Biddle - Wellington, New Zealand |
| Mail: biddle_s@kosmos.wcc.govt.nz |
| OR: sbiddle@aviate.welly.gen.nz |

5190. Cannal/Lock Freqs, Ontario

Newsgroup: rec.radio.scanner
Date: 1994-06-17 16:12:21 UTC
From: mgfleury@netcom.com
Message-ID: <mgfleuryCrJuCL.6G3@netcom.com>
Source record: 272935

What are the frequencies used at the Sault Ste. Marie and Welland locks/
canal? My kids (and I) would enjoy listening when we visit there.
Thanks.

5191. Re: Police Codes

Newsgroup: rec.radio.scanner
Date: 1994-06-17 16:21:55 UTC
From: jrs@fc.hp.com
Message-ID: <2tsij3$i26@tadpole.fc.hp.com>
Source record: 272934

Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) wrote:
: -=> Quoting John Spencer to All <=-

: JS> From: jrs@fc.hp.com (John Spencer)
: JS>
: JS> I am new to scanners and I wonder where to find the 10 and 20 codes
: JS> that the police use. Also what are codes 1-4?
: JS>

I purchased the _Police Calls VOL 8_ and _Beyond Police Calls 1st Ed._
yesterday from Radio Shack. There are tables of police codes for several
cities in addition to the standard codes. I think the $9.99 each will be
money well spent.

Thanks for those who responded,

John

5192. Michigan Vehicle Scanner Law/Interpret

Newsgroup: rec.radio.scanner
Date: 1994-06-17 16:58:26 UTC
From: gcortevi@nyx10.cs.du.edu
Message-ID: <2tskni$vc@nyx10.cs.du.edu>
Source record: 272936
Cross-posted to: alt.radio.scanner,rec.radio.scanner

The following is what the guy at the local radio store turned up with regards to putting a scanner in your car in the state of Michigan. I'm interested in hearing your interpretation of the law (The placement of the commas is confusing. Do you need only a Ham Radio license or both a ham radio license and a permit?). Also, if there is anybody who was confronted by a police officer in Michigan with regards to having a scanner in your vehicle, I'd like to hear your story. Both follow-ups and email welcome.

750.508 Vehicles equipped with short wave length radio receiving sets
Sec 508. (1) Any person who shall equip a vehicle with a radio receiving set that will receive signals sent on frequencies assigned by the federal communications commission of the United States of America for police purposes, or use the same in this state unless such vehicle is used or owned by a peace officer, or a bona fide amateur radio operator holding a technician class, general, advanced, or extra class amateur license issued by the federal communications commission, without first securing a permit so to do from the directory of the department of state police upon application as he or she may prescribe, shall be guilty of a misdemeanor, punishable by imprisonment in the county jail for not more than 1 year, or by a fine of not more than $500.00, or by both fine and imprisonment in the discretion of the court.
(2) This section shall not be construed as restricting the use of radar detectors.

Amended by P.A.1990, No. 77, 1, Imd. Eff. May 24.

--
Greg Corteville | "We are the knights who say Nee!"
gcortevi@nyx10.cs.du.edu | - Monty Python's QFTHG
---[PGP Key available via finger]-----------------------------------

5193. Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-06-17 17:36:57 UTC
From: kmorrill@brahms.udel.edu
Message-ID: <2tsmvp$87k@brahms.udel.edu>
Source record: 272937

Please e-mail me if you know of a source in the United States that still sells the full-coverage Icom R-7100. Thank you heartily.
Sincerely,
Ken <kmorrill@strauss.udel.edu>

--
Ken Morrill <kmorrill@strauss.udel.edu>

5194. Re: Michigan Vehicle Scanner Law/Interpret

Newsgroup: rec.radio.scanner
Date: 1994-06-17 18:00:20 UTC
From: mutter@umcc.umcc.umich.edu
Message-ID: <2tsobk$486@umcc.umcc.umich.edu>
Source record: 272938
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In some article, Greg Corteville <gcortevi@nyx10.cs.du.edu> wrote:
>
>The following is what the guy at the local radio store turned up with
>regards to putting a scanner in your car in the state of Michigan. I'm
>interested in hearing your interpretation of the law (The placement of
>the commas is confusing. Do you need only a Ham Radio license or both a
>ham radio license and a permit?). Also, if there is anybody who was
>confronted by a police officer in Michigan with regards to having a
>scanner in your vehicle, I'd like to hear your story. Both follow-ups
>and email welcome.
>
>
>750.508 Vehicles equipped with short wave length radio receiving sets

[Michigan's Vehicle Scanner Law deleted]

Greg,
I carry a copy of this very law in my wallet with my amateur
license. I have talked with a lawyer regarding the interpretation of
the law, and was told very clearly that I need only a ham radio license,
NOT a license + permit. I think the permit is available for non-hams
who have a legitimate reason to carry a scanner in their vehicle, perhaps
a volunteer fireman or some such occupation. I don't know anyone who has
this permit.

Having researched this and all, I have only bothered to carry my scanner
in my car maybe a half dozen times or so in the past couple of years.

Hope this helps,
Mark
mutter@umcc.umich.edu

5195. Wanted: ND Frequencies for...

Newsgroup: rec.radio.scanner
Date: 1994-06-17 18:01:25 UTC
From: jomurphy@plains.NoDak.edu
Message-ID: <CrJzED.25Dp@ns1.nodak.edu>
Source record: 272939

[No readable article body recovered]

5196. Re: Computer control?

Newsgroup: rec.radio.scanner
Date: 1994-06-17 18:23:07 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.331.00126328@ccm.hf.intel.com>
Source record: 272958

In article <CrK4r7.40n@metronet.com> terzon@metronet.com (Terzon Systems Inc.) writes:
>peter_simpson@3com.com (Peter Z. Simpson) writes:

>>In article 000E2B94@ccm.hf.intel.com, brett_miller@ccm.hf.intel.com (Brett
>Miller - N7OLQ) writes:

>>>I use a program called 801SCAN for my R7000.
>>Could you post contact information for the manufacturer?

>It is offered by Terzon Systems Inc. You can contact the author (me :-)
>at bert@terzon.com for more info. Thanks for the plug, Brett!

Nice to hear from you. I was just going to say I didn't know if you were
still in the software business. I haven't seen any Terzon ads lately. You
don't happen to have a Windows version do you?
Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5197. Re: ABC Nightline story on cellphone monitoring

Newsgroup: rec.radio.scanner
Date: 1994-06-17 18:29:24 UTC
From: dans@rehab1.UUCP
Message-ID: <1057@rehab1.UUCP>
Source record: 272903

In article <2tjirm$i2l@foghorn.cc.utexas.edu> streak@foghorn.cc.utexas.edu (Streak) writes:
>In article <CrCEt6.4LF@nucleus.com>, Bill Fischer <wjf@nucleus.com> wrote:
>>For a copy of the demo software, look in the Compuserve scanner library
>>for a program entitled CELLDEMO.ZIP
>
>Would someone mind uploading this to one of the archives? (oakland,
>wuarchive, etc)
>
>I'd kill to have a copy of this :)
>
When did you get on the net O.J. ?!? :-)

-Dan
--
Dan Schein #̷ o_
c/o Reading Rehab Hospital |\ /| ~\/<>\
RD 1 Box 250 'O.O' //~
Reading, PA 19607 =(___)= ||
E-Mail: rehab1!dans@canal.org U ~~

5198. WANTED: Bridger-Teton Nat. Forest Freqs (WY)

Newsgroup: rec.radio.scanner
Date: 1994-06-17 18:55:08 UTC
From: timd@dellgate.us.dell.com
Message-ID: <2tsric$hlh@uudell.us.dell.com>
Source record: 272940

I would really appreciate any National Forest Service or
local, county or state law enforcement freqs for the Bridger-
Teton National Forest in Wyoming near Big Piney, Smoot or
Afton. I don't know if I'll get the chance to buy a freq.
book when I get up there before I head into the woods, I'm
currently in Central Texas (Austin).

Thanks in advance,
--Tim
deagant@ccmail.us.dell.com

--
{{{{{{{{{{{{{{{{{{{{ revtim@well.sf.ca.us }}}}}}}}}}}}}}}}}}}}
Rev. Tim Deagan - Official Obnoxious Poster
No one but me is responsible for anything I write, believe in or preach
KULTURKAMPF - The struggle a culture undergoes to change itself

5199. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-17 19:00:44 UTC
From: dbushong@wang.com
Message-ID: <CrK259.6oC@wang.com>
Source record: 272941

glyle@marie.seas.ucla.edu (George Lyle (233789)) writes:

>In article <CrI7Er.9E1@wang.com>, dbushong@wang.com (Dave Bushong) writes:

>|> I know that years ago a station was required to give, not only his own
>|> callsign, but also the callsign of the other station. In fact, the
>|> only pink slip I ever got was because of me not doing that in a
>|> contest. Nowadays that's not required, so I wonder which law is being
>|> violated by talking to an unlicensed station???? I just skimmed over
>|> 97.113 and it wasn't there, either pre- or post-December 93.

>Well, I think that you probably become illegal when you become aware
>that the other station is not licensed.

That's not what I asked.

Which law is being violated? Is it in Part 97?

Dave, KZ1O

--
Dave Bushong, Wang Laboratories, Inc.

5200. Wanted: ND Frequencies for...

Newsgroup: rec.radio.scanner
Date: 1994-06-17 19:02:14 UTC
From: jomurphy@plains.NoDak.edu
Message-ID: <CrK27q.CEr@ns1.nodak.edu>
Source record: 272944

[No readable article body recovered]

5201. The Pro-2032, Comments

Newsgroup: rec.radio.scanner
Date: 1994-06-17 19:18:36 UTC
From: eth@tiamat.umd.umich.edu
Message-ID: <eth.771880581@tiamat.umd.umich.edu>
Source record: 272943

This scanner is on sale a Radio Shack for 219 dollars and I am considering by it for my first scanner. But before I do a couple of questions. First can I be "retrained" to pick up cellular freqs. or is it the new model line. Another is that a good price or should I find another place. Any suggestions on better scanners for same price would help

Dave

5202. Re: Strange Noises Around 860MHz

Newsgroup: rec.radio.scanner
Date: 1994-06-17 19:18:52 UTC
From: Joe_A._Walker@aardvark.bah.rochester.ny.us
Message-ID: <00059D8C.fc@aardvark.bah.rochester.ny.us>
Source record: 272962

It's cellular data something. I don't know what it does, but that is what it is.
** Via the Aardvark Burrow BBS - 1-716-383-1372**

5203. Re: SF/SJ Dial-A-Scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-17 19:45:46 UTC
From: basham@hpcc01.corp.hp.com
Message-ID: <71960008@hpcc01.corp.hp.com>
Source record: 272965

Many thanks to Bill and Bob for exploring the legal issues surrounding such an endeavor. After I had worked out the technical issues of improving the R-7000 front end to handle the environment, and developing a "DTMF Tone Remote," the legal implications never came to mind. As another poster pointed out, the best use of the device would be for high demand, media driven events. The one line limitation would substantially lower the value there.

Regardless, it is still fun to listen to wireless mics and other low power transmitters. The users don't seem to think these things radiate beyond the confines of their reception equipment. This project seems likely to become a single user device.

EFB

5204. Re: Computer control?

Newsgroup: rec.radio.scanner
Date: 1994-06-17 19:57:06 UTC
From: terzon@metronet.com
Message-ID: <CrK4r7.40n@metronet.com>
Source record: 272948

peter_simpson@3com.com (Peter Z. Simpson) writes:

>In article 000E2B94@ccm.hf.intel.com, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>>I use a program called 801SCAN for my R7000.
>Could you post contact information for the manufacturer?

It is offered by Terzon Systems Inc. You can contact the author (me :-)
at bert@terzon.com for more info. Thanks for the plug, Brett!

--
Bert Campbell Terzon Systems Inc. (214) 234-8222 bert@terzon.com

5205. anted

Newsgroup: rec.radio.scanner
Date: 1994-06-17 19:59:11 UTC
From: dblake@condor.ic.net
Message-ID: <2tsvb2$p96@condor.ic.net>
Source record: 272945

[No readable article body recovered]

5206. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-17 20:06:27 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2tsvo3$7t2@umcc.umcc.umich.edu>
Source record: 272946

In article <CrK259.6oC@wang.com>, Dave Bushong <dbushong@wang.com> wrote:
>glyle@marie.seas.ucla.edu (George Lyle (233789)) writes:
>
>>In article <CrI7Er.9E1@wang.com>, dbushong@wang.com (Dave Bushong) writes:
>
>>|> I know that years ago a station was required to give, not only his own
>>|> callsign, but also the callsign of the other station. In fact, the
>>|> only pink slip I ever got was because of me not doing that in a
>>|> contest. Nowadays that's not required, so I wonder which law is being
>>|> violated by talking to an unlicensed station???? I just skimmed over
>>|> 97.113 and it wasn't there, either pre- or post-December 93.
>
>>Well, I think that you probably become illegal when you become aware
>>that the other station is not licensed.
>
>That's not what I asked.

(Waah..)
>
>Which law is being violated? Is it in Part 97?
>
>Dave, KZ1O

97.111 looks good to me.

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"

5207. PRO-46, more mods?

Newsgroup: rec.radio.scanner
Date: 1994-06-17 21:35:14 UTC
From: moy@xp.psych.nyu.edu
Message-ID: <9406172139.AA12678@xp.psych.nyu.edu>
Source record: 272949
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Hello fellow scanbots,

Are there modification plans available for the PRO-46 to increase its scanning rate? Is it possible to increase the number of channel memories in this model?

(Thanks to the person who posted the info on killing the keyboard BEEP!)

Moy Wong (moy@xp.psych.nyu.edu) Dept. of Psychology, New York University

5208. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-17 21:35:55 UTC
From: dbashaw@synoptics.com
Message-ID: <CrK9Bw.A8n@synoptics.com>
Source record: 272950

Dennis wrote:
>It is possible to triangulate a transmission. Ham operators sometimes
>run a fox hunt where they try to locate a transmitter. Not difficult
>to do and in the case of some bummers that have tied up repeaters,
>this is done. So if enough people get mad enough, it will be done.
>Ham operators tend to be very self policing and operate within the
>law almost 100% of the time.
>Dennis

Three people, or two if thats all you have, can locate a jammer by putting a dot on a map (you are here), then using a yagi finding a direction from whence the offending transmission comes. A compass will help you to draw a line from the direction the signal is coming from back to yourself on the map.

If two more people in different locations do the same thing the intersecting lines will give an approximate location. This does take a little practice. And if a repeater is being jammed make sure you are not sniffing the output, everyone already knows where the machine is.

Dave

5209. Needed: Pittsburgh Pol,fire,etc

Newsgroup: rec.radio.scanner
Date: 1994-06-17 21:53:08 UTC
From: Peter M Maksymuk <pm4y+@andrew.cmu.edu>
Message-ID: <8i0Vh4y00WBO85bYY4@andrew.cmu.edu>
Source record: 272951

Does anyone have any frequencies for the Pittsburgh ,PA area?
I am particualrly interested in Police, Fire, and freqs for Carnegie
Mellon University maintenance, services, etc.
Thanks
Pete Maksymuk

5210. Re: Cannal/Lock Freqs, Ontario

Newsgroup: rec.radio.scanner
Date: 1994-06-17 21:54:18 UTC
From: ad460@FreeNet.Carleton.CA
Message-ID: <CrKA6I.2z8@freenet.carleton.ca>
Source record: 272956

In a previous article, mgfleury@netcom.com (Mark Fleury) says:

>What are the frequencies used at the Sault Ste. Marie and Welland locks/
>canal? My kids (and I) would enjoy listening when we visit there.

The HARUTEQ Scanner Book 10th Edition says that the Canal Locks are using
457.5750 and 457.6000
Welland Canal is using 165.69, 170.73, 170.91, 171.09, 171.05

--
David Stremes | President, BYTOWN RAILWAY SOCIETY, Publishers of:
ad460@freenet.carleton.ca | BRANCHLINE, CANADA'S RAILNEWSMAGAZINE
(613) 723-7311 x 263 (work) | and CANADIAN TRACKSIDE GUIDE
Box 141, Stn A, Ottawa, Ontario, Canada, K1N 8V1 or call (613) 745-1201

5211. Direct Search

Newsgroup: rec.radio.scanner
Date: 1994-06-17 22:31:06 UTC
From: phyllis@clark.net
Message-ID: <2tt87a$n1d@clarknet.clark.net>
Source record: 272952

[No readable article body recovered]

5212. freq. for London, Ont.

Newsgroup: rec.radio.scanner
Date: 1994-06-17 22:32:00 UTC
From: jeff.podeszwa@softnet.com
Message-ID: <5.335.895.0N5CE173@softnet.com>
Source record: 272972

Anyone have an update of frequencys for London, Ont. Canada.
Jeff.podeszwa@softnet.com

5213. OJ Manhunt Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-06-17 22:35:08 UTC
From: jwh@kaiwan.com
Message-ID: <2tt8es$rvm@kaiwan.kaiwan.com>
Source record: 272953

The JUICE on the run?? Who knows.

Listen to the action on LAPD freqs.

506.7625 West Los Angeles/West Traffic
506.9625 Wilshire/Pacific
507.2125 Hollywood
506.8125 Tactical "Rover 6"
506.8375 Metro Division
507.0875 Emergency "Rover 8"
453.1000 Tactical 5 (Investigation Freq) <- Put a delay on this one!
154.830 Tactical 1
154.770 Tactical 2
154.995 Tactical 3

I've heard something about O.J. Simpson on all these frequencies.
Don't listen to the media.. they don't have a clue. Get the news direct
from your scanner. :-D
John Herndon (jwh@kaiwan.com)
--
: ONE STOP TECH SHOP BBS * (310) 421-6766 * 24 Hours * USR 14.4 DS * 8/N/1 :
: Ham Radio * Scanners * Shortwave Listening * CAD/CAM/CAE * Satellites :
: Groom Lake/Area 51/S4 * X-Planes & Black Budgets * 500 Megs + 3 CD-ROMs :
: Call and share your interests & knowledge with others! :

5214. Davis, CA freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-18 00:12:23 UTC
From: ez048560@chip.ucdavis.edu
Message-ID: <CrKGKo.DGz@ucdavis.edu>
Source record: 272957

Does anyone have information about scanner frequencies for the Davis, California area? I would appreciate any replies be sent by email. Thanks.

...dtw

5215. Re: Uniden MR8100A

Newsgroup: rec.radio.scanner
Date: 1994-06-18 01:02:09 UTC
From: gianotti@aol.com
Message-ID: <2tth2h$r0o@search01.news.aol.com>
Source record: 272959

In article <48.7520.464.0N50E2A7@cforum.com>, chris.conner@cforum.com (Chris Conner) writes:

While the 8100 is a great scanner for mobile use, it lacks the abiltiy to search a range of frequencies for new stations. Think of the 8100 as a 100 channel "crystal" scanner. Once the frequencies are programed in (with a computer or from the keypad) you can scan these frequencies only (of course you can always re-program a channel).

The computer is used to load the frequences and then is disconnected. It is not used in the day-to-day operation of the radio.

Hope this helps.

73 John, KF9GW

5216. Re: Michigan Vehicle Scanner Law/Interpret

Newsgroup: rec.radio.scanner
Date: 1994-06-18 04:02:14 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994Jun17.210214.8160@yvax.byu.edu>
Source record: 272960

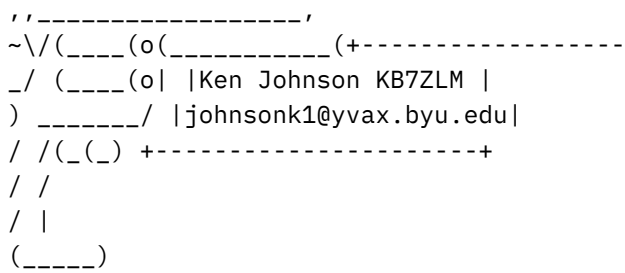
In article <2tskni$vc@nyx10.cs.du.edu>, gcortevi@nyx10.cs.du.edu (Greg Corteville) writes:
> 750.508 Vehicles equipped with short wave length radio receiving sets
> Sec 508. (1) Any person who shall equip a vehicle with a radio
> receiving set that will receive signals sent on frequencies assigned by
> the federal communications commission of the United States of America
> for police purposes, or use the same in this state unless such vehicle
> is used or owned by a peace officer, or a bona fide amateur radio
> operator holding a technician class, general, advanced, or extra class
> amateur license issued by the federal communications commission, without
> first securing a permit so to do from the directory of the department of
> state police upon application as he or she may prescribe, shall be
> guilty of a misdemeanor, punishable by imprisonment in the county jail
> for not more than 1 year, or by a fine of not more than $500.00, or by
> both fine and imprisonment in the discretion of the court.
> (2) This section shall not be construed as restricting the use of
> radar detectors.
>
> Amended by P.A.1990, No. 77, 1, Imd. Eff. May 24.

I sounds to me like you must be either (1) a peace officer, (2) a ham
(above novice), or (3) a permit holder; or (4) the vehicle must be owned
by a ham or peace officer.

Notice that if you "equip" a vehicle that is not used or owned by a
ham or peace officer, without a permit to do so (or "so to do"), you're
guilty of a misdemeanor.

I have no idea how this statute has been applied, so I only say this
from reading it and a little experience trying to figure out statutes.

Statute-writing maxim: Why use ten words when two or three hundred will do?



5217. Re: OJ Manhunt Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-06-18 05:26:31 UTC
From: mball@netcom.com
Message-ID: <mballCrKv47.CG0@netcom.com>
Source record: 272963

In article <2tt8es$rvm@kaiwan.kaiwan.com>,
John W. Herndon <jwh@kaiwan.com> wrote:
>
>I've heard something about O.J. Simpson on all these frequencies.
>Don't listen to the media.. they don't have a clue. Get the news direct
>from your scanner. :-D

I guess the media agree with you. During the OJ aprehension an
exasperated CNN/KTLA reporter said something to the effect "Listening
to the scanner is the only way to really tell what's going on."
Of course she also repeated police traffic she heard on her scanner
which, and correct me if I'm wrong, is a violation of that 1934 don't
ask, don't tell law.

mark

5218. LA Cellular Scanning...

Newsgroup: rec.radio.scanner
Date: 1994-06-18 06:34:48 UTC
From: popllama@u.washington.edu
Message-ID: <2tu4i8$aps@news.u.washington.edu>
Source record: 272964

I'm sure many of you were watching the affair with O.J. Simpson in his driveway today. During the even Mr. Simpson was apparently doing quite a bit of talking over a cellular phone. I couldn't help but wonder if anyone was listening in on a modified scanner! My what the networks would pay for a recording of those...

5219. Re: LA Cellular Scanning...

Newsgroup: rec.radio.scanner
Date: 1994-06-18 08:32:02 UTC
From: boothc416@aol.com
Message-ID: <2tube2$4j7@search01.news.aol.com>
Source record: 272967

Hmm, If he was talking on the ol' cell phone, and the LAPD knew it
was his, could'nt they pin-point his exact location.... using some
variation of triangulation? Seems like it would be pretty easy.
Well, if they "got him" incorporating this simplistic technology
could'nt we call it getting
"O.J.ed" ?

Cell phones, how sweet they are :)

--
Carter G. Booth
boothc@kenyon.edu
boothc416@aol.com

5220. Re: Michigan Vehicle Scanner Law/Interpret

Newsgroup: rec.radio.scanner
Date: 1994-06-18 11:06:34 UTC
From: mgfleury@netcom.com
Message-ID: <mgfleuryCrLAuy.668@netcom.com>
Source record: 272966
Cross-posted to: alt.radio.scanner,rec.radio.scanner

My G.., what are we comming to?
Ban the scanners so we can not do our civil duty to perhaps assist the peace offices, but allow radar detectors whose purpose (IMHO) is to give someone the edge in not being caught violating the law. And not a single study has been done (to my knowledge) on what all these artificial waves are doing to our bodies - just authorize more and more usage for the most mundane reasons.
:-)

D
D
;-)

5221. Re: SeaWorld (Ohio)

Newsgroup: rec.radio.scanner
Date: 1994-06-18 13:19:03 UTC
From: do321@cleveland.Freenet.Edu
Message-ID: <2tus87$din@usenet.INS.CWRU.Edu>
Source record: 272968

Sure, I have them programmed in my scanner sitting right here
(I live only a couple miles away from it):
154.5400
154.6000
463.2125
463.2625
463.3125
154.5150
154.5700
461.9625

Most of the action occurs on 154.5400, they use pretty
much all codes, but it's easy to figure them out.

-Brian

5222. Re: Chicago 406.6 MHz WHatiz?

Newsgroup: rec.radio.scanner
Date: 1994-06-18 13:49:45 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771967998@f747.n115.z1>
Source record: 272782

-=> Quoting wbloss16 Jun 94 08:39:32elphi.com to All <=-

wb> From: wbloss@delphi.com
wb>
wb> While in chicago for a family function which seriously hampered my
wb> scanning time :-), I heard a continuous carrier on 406.6 MHz with a
wb> low modulation, loe frequency tone about 5 sec long, then off. Any
wb> ideas what this was, it was on all the time I scanned thru the Goovt
wb> UHF band, and that's all I heard in that band! :-(
wb> Thanks!

Hi, Wally...
I have no idea what it is. I receive it here loud and clear. (30 miles
west of Chicago) I have a CARMA meeting at noon...I'll ask and see if
anyone can give me a clue.

Jerry

5223. Re: OJ Manhunt Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-06-18 13:52:16 UTC
From: milcom@netcom.com
Message-ID: <milcomCrLIJ4.FH@netcom.com>
Source record: 272969

John W. Herndon (jwh@kaiwan.com) wrote:
: The JUICE on the run?? Who knows.

: Listen to the action on LAPD freqs.

Also what was fun was the OC sherrif RED channel 460.025, I heard some funny voiced botleggers on there saying "dont hurt simpson". There werent very many xmissions but there was enough - especially for the emergency channel for the OC sherrif .. of all frequencies.
I'll bet the OC comm division was hot to trot to get their DF'ing equipment up.

--
RF power specialists milcom@netcom.com

5224. Re: LA Cellular Scanning...

Newsgroup: rec.radio.scanner
Date: 1994-06-18 13:57:29 UTC
From: milcom@netcom.com
Message-ID: <milcomCrLIrt.qI@netcom.com>
Source record: 272970

Alec Muzzy (popllama@u.washington.edu) wrote:
: I'm sure many of you were watching the affair with O.J. Simpson in his
: driveway today. During the even Mr. Simpson was apparently doing quite a
: bit of talking over a cellular phone. I couldn't help but wonder if anyone
: was listening in on a modified scanner! My what the networks would pay for
: a recording of those...

dangit -- you had to remind me. I was just a few miles from where it
started and do have cellular monitoring capability here in Tustin. It
would have been like finding a needle in a haystack though with half the
channels on there with some kind of activity.
If only OJ had one of those older 152 or 454mhz car phones, they
couldnt have tracked him.

--
RF power specialists milcom@netcom.com

5225. Re: LA Cellular Scanning...

Newsgroup: rec.radio.scanner
Date: 1994-06-18 14:18:32 UTC
From: wsmith@huey.csun.edu
Message-ID: <wsmith.11.2E030238@huey.csun.edu>
Source record: 272971

In article <2tube2$4j7@search01.news.aol.com> boothc416@aol.com (Boothc416) writes:
>From: boothc416@aol.com (Boothc416)
>Subject: Re: LA Cellular Scanning...
>Date: 18 Jun 1994 04:32:02 -0400

<regarding the O.J. Simpson situation.>

>Hmm, If he was talking on the ol' cell phone,

He was; (and from the news pictures I saw) quite often I might add...

>and the LAPD knew it was his,

Not an issue. The number goes with the phone *not* with the person.

>could'nt they pin-point his exact location....

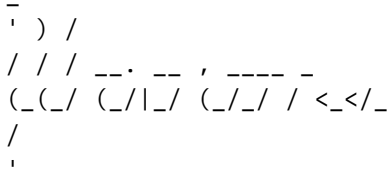
Yes, and that is basically what happened. In other words, AirTouch
(formerly PacTel> found O.J. before anyone else did. Brings to light
some interesting law enforcement and legal problems, doesn't it?

>using some variation of triangulation?
^^^^^^^^^^^^^
Not necessary; particularly in a big city like LA with many small cells.
Remember too, that after two or three cells handoffs, it is pretty obvious
what freeway is involved as well.

>Seems like it would be pretty easy.

It is.

Wayne
N6LHV



5226. Re: Pro 2006 unused channel L/O

Newsgroup: rec.radio.scanner
Date: 1994-06-18 14:29:33 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771967999@f747.n115.z1>
Source record: 272780

-=> Quoting Eric Norber to All <=-

EN> From: eric@garnet.msen.com (Eric Norber)
EN>
EN> In article <2tqj8r$3v8@bigboote.wpi.edu>,
EN> Gregory K Doerschler <gkd@edwards.WPI.EDU> wrote:
>In article <2tlkib$rih@usenet.pa.dec.com>, <mike@koteka.zko.dec.com> wrote:
>>
>>Remeber to lock out all unused banks and then you just have to lock out
>>those zeroed channels in the one bank you are scanning (pro requires at
>>least one bank enabled). only have to do 39 lock out operations not 399.
>>
>
>Or if you've installed the 256K static RAM, 6399.
>
EN>
EN> What's this about a 256K static RAM giving 6399 channels? Could
EN> somebody please explain what this is in reference to? I'd sure be
EN> interested. - - Eric

Eric...Bill Cheek's has a couple of modification books. One or both of
the books describes how you can add memory to the scanner to store more
channels. Grove Enterprises is one place where you can get the book. One
of them is to go from 400 to thousands.

Jerry

5227. Re: PRO 46 MODS

Newsgroup: rec.radio.scanner
Date: 1994-06-18 14:30:07 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771968000@f747.n115.z1>
Source record: 272781

-=> Quoting 050018@xavier.xu.edu to All <=-

05> From: 050018@xavier.xu.edu
05>
05> Does anybody know of cellular mods for the pro 46. I'v heard it was
05> snipping a diode? If this is the case does anybody know which diode?

Mike...

Product: Realistic PRO-46 by Radio Shack
Purpose: Restoration of full 800 Mhz coverage

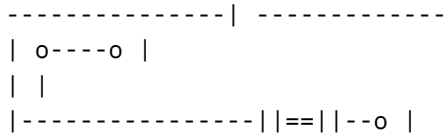
The modification of this unit is from the May, 1993 issue of
Monitoring Times, published by Grove Enterprises.

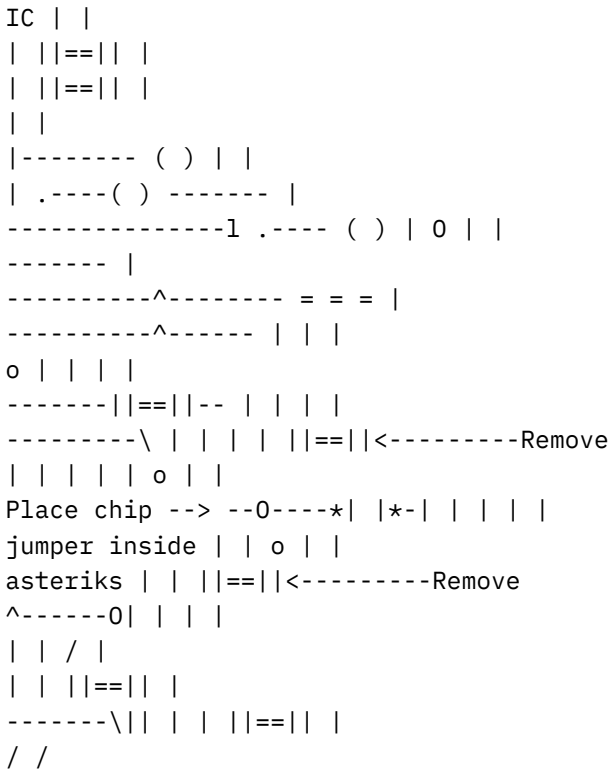
** Disclaimer: All modifications are done at your own risk. This
product uses surface mount components which can be easily damaged.
Do not perform this modification if you are not experienced with
this type of circuitry. This will void the warranty of your scanner.

** Listening to certain portions of the 800 Mhz band is prohibitted
by United States law.

Modification of PRO-46 for full 800 Mhz coverage with 30 Khz stepping
available.

1. Remove the battery pack, battery door and antenna.
2. Remove the four black screws from the back of the radio, then
push upward on the bottom of the rear of the case, carefully
swinging it upward and removing it.
3. Carefully insert a small screwdriver between the two boards
next to the interconnect plug in the lower right corner. Gently
pry the top board up to separate it and set it aside.
4. Unsolder the copper-coated plastic shield from the microprocessor
and set it aside. ** CAUTION!! Too much heat will damage the
shield. **
5. Locate the two chip jumpers imprinted with "0". Carefully unsolder
and remove both.
6. Solder one chip jumper across the two upper most unused solder
pads. (Soldering a jumper across the lower two pads changes the
30-50 Mhz band to 68-88 Mhz.)
7. Reverse steps 1-4. The modification is completed.




IC
Remove
Remove
Place chip --> --O----*| |*-| | | | |
jumper inside
asteriks
Remove

Jerry

5228. Re: Scanner Wanted

Newsgroup: rec.radio.scanner
Date: 1994-06-18 14:34:29 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771968001@f747.n115.z1>
Source record: 272779

-=> Quoting Lee Hines to All <=-

LH> From: Lee_Hines.M1@SMTP.esl.com (Lee Hines)
LH>
LH> I am looking for a scanner. I would like a hand held that covers
LH> cellular (or that can be modified). Any one interested please send me
LH> ifo. Also, if you are interested in trading a scanner for Radio
LH> controlled vehicles, let me know. I have a monster truck, an on road
LH> car and a motorcycle that I am trying to get rid of.

Hi, Lee...
Radio Shack may still have quite a few left that might be modifiable.
New, unmodified units are trickling in. Pro-43, '39 and the BC 2500 are
all capable of modification. But there are new versions of the '43 coming
out, so you will have to be careful when purchasing one. Check the model
number on back of the scanner. If there is an 'A' after the model number,
then it will not be modifiable.

Jerry

5229. Re:]Mod for RS Pro-20323 sought,

Newsgroup: rec.radio.scanner
Date: 1994-06-18 14:41:04 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <771968002@f747.n115.z1>
Source record: 272783

-=> Quoting Dan Schein to All <=-

DS> A frien has bought the Radio Shack Pro-2032 and would like a mod to
DS> restore the full 800 MHz range. If you have one, please drop me a
DS> copy via the e-mail adress listed below. Thanks in advance.
DS>
DS> -Dan

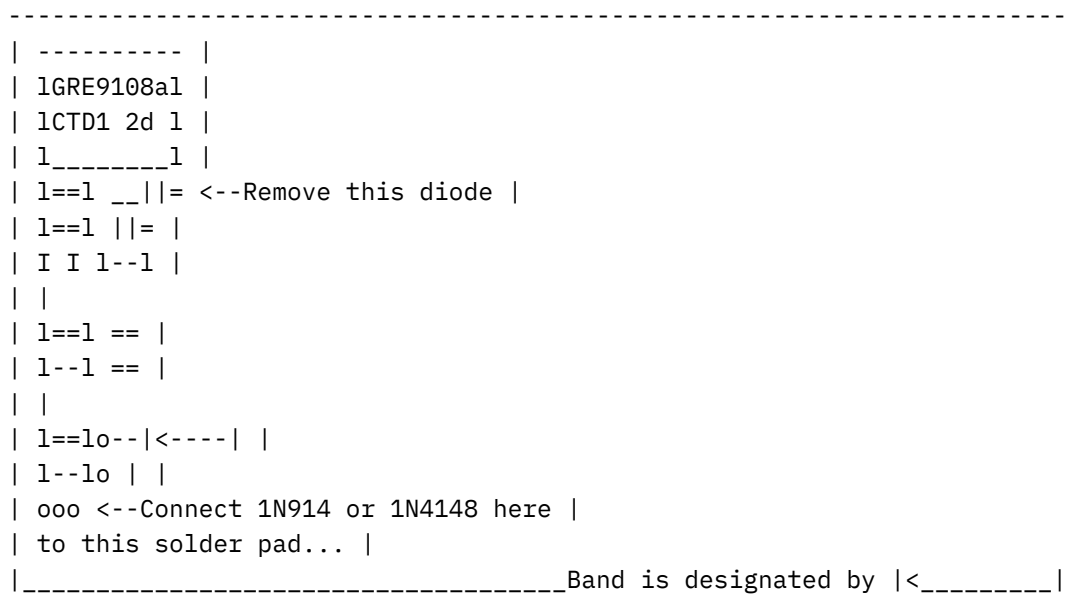
Dan...

Product...Realistic PRO-2032 by Radio Shack
Purpose...Modify for continuous 800 Mhz coverage
in appropriate 30 Khz steps where applicable

** Disclaimer...All modifications are done AT YOUR OWN RISK.
** Performing this modification may void your warranty.
** Perfroming this modification may enable certain portions of the 800 Mhz
band that is illegal to monitor under federal U.S. law.
** I strongly suggest taking ESD precautions by getting a static strap as
this involves work with static sensitive devices. Any electronics store
should have one for purchase.

This information is from the June, 1994 issue of Monitoring Times, p.
112.

Required equipment...small-tip soldering iron, small gauge rosin core
solder, desoldering wick, Phillips screwdriver, 1N914 or 1N4148 diode.
1. With the scanner unplugged from power, remove both upper and lower
covers (foru screws in the rear of the cabinet), taking care not to damage
the speaker wires.
2. Set the scanner upside down with the back facing you. Locate the
microprocessor shield (upper left corner near volume and squelch controls).
Unsolder and remove the shield.
3. Refer to the diagram and locate the three-legged diode at the lower
right of the microprocessor chip. Carefully unsosolder and remove this
diode.
4. Referring to the diagram, place a 1N914 or 1N4148 switching diode
across the solder pads as shown. (NOTE POLARITY) Remove any excess leads
and carefully solder it in place. Be sure it's leads will not contact any
other components, paths or the reassembled shield. A small piece of tape
may be used as insulation if necessary.
5. Plug the scanner into power, turn it on and test the unit by entering
any frequency that may have been blocked in the 800 Mhz range.
6. If successful, unplug the unit and reassemble the scanner.


| ---------- |
| lGRE9108al |
| lCTD1 2d l |
| l_______l |
| l==l __||= <--Remove this diode |
| l==l ||= |
| I I l--l |
| |
| l==l == |
| l--l == |
| |
| l==lo--|<----| |
| l--lo | |
| ooo <--Connect 1N914 or 1N4148 here |
| to this solder pad... |
|_____Band is designated by |<_____|

Jerry

5230. Strange noises around 800 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-06-18 16:33:27 UTC
From: barry@garion.it.com.au
Message-ID: <2tv7kn$9cn@garion.it.com.au>
Source record: 272875

> I've noticed every so often that certain channels will be active and then
> later all one hears is what can best be described as 'a loud, continuous
> truck engine sound'. It appears to be most common in the 800Mhz region.
> What is this common occurance that I'm sure everyone but me understands?
> Thanks.

Frequencys in that region are used for trunked mobile systems. At least
one of the channels in each system will have a data transmission on it
that is used to control the selection of the voice channel when a mobile
user presses his talk button. From time to time the control channel is
changed hence at times you will hear voice and at other times you will
hear control data.

5231. Re: LA Cellular Scanning...

Newsgroup: rec.radio.scanner
Date: 1994-06-18 16:44:53 UTC
From: glr@ripco.com
Message-ID: <CrLqIu.85J@rci.ripco.com>
Source record: 272973

Wayne Smith (wsmith@huey.csun.edu) wrote:
: In article <2tube2$4j7@search01.news.aol.com> boothc416@aol.com (Boothc416) writes:
: >From: boothc416@aol.com (Boothc416)
: >Subject: Re: LA Cellular Scanning...
: >Date: 18 Jun 1994 04:32:02 -0400

: <regarding the O.J. Simpson situation.>

: >Hmm, If he was talking on the ol' cell phone,

: He was; (and from the news pictures I saw) quite often I might add...

: >and the LAPD knew it was his,

: Not an issue. The number goes with the phone *not* with the person.

: >could'nt they pin-point his exact location....

: Yes, and that is basically what happened. In other words, AirTouch
: (formerly PacTel> found O.J. before anyone else did. Brings to light
: some interesting law enforcement and legal problems, doesn't it?

No, I don't think so. Not, in OJ's case. It certainly qualified for the
issuance of search warrants under the wiretapping act and ECPA. whether
they did or not is an entirely different question.

: >using some variation of triangulation?
: ^^^^^^^^^^^^^
: Not necessary; particularly in a big city like LA with many small cells.
: Remember too, that after two or three cells handoffs, it is pretty obvious
: what freeway is involved as well.

: >Seems like it would be pretty easy.

: It is.

: Wayne
: N6LHV

: _
: ') /
: / / / __. __ , ____ _
: (_(_/ (_/|_/ (_/_/ / <_</_
: /
: '

--

Glen L. Roberts, Publisher, Directory of Elect Surv Equip Suppliers

Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
Box 734, Antioch, Illinois 60002 Fax: (708) 838-0316
Surveillance Hotline: (708) 356-9646 Bust the Bureaucrats: (708) 356-6726

5232. Re: Police Codes

Newsgroup: rec.radio.scanner
Date: 1994-06-18 18:20:02 UTC
From: dmgrogan@freenet3.scri.fsu.edu
Message-ID: <2tvdsi$hd1@freenet3.scri.fsu.edu>
Source record: 272876

Try looking in an addition of Police Call at Radio Shcak if you live in a metro-city. If you don't, try calling a local radio or television station. They probably have a list of the codes you are looking for available from their news departments.

--
Michael Grogan
WOFE-FM / Rockwood, TN

5233. Re: Computer control?

Newsgroup: rec.radio.scanner
Date: 1994-06-18 18:26:57 UTC
From: pthompson@walnut.prs.k12.nj.us
Message-ID: <1994Jun18.142657.939722@walnut.prs.k12.nj.us>
Source record: 272974

In a previous article, Jack Mc Gee,ev970@cleveland.Freenet.Edu says:

>The OPTO does give you CTCSS and DTMF detection, but I am
>not convinced that it gives you that much more than the
>HB232 product, in practical terms, and less in some. Personal
>opinion, obviously, and I have not played with the OPTO unit
>to give it a fair shake.

I like the idea if being able to decode the PL and DPL codes with the Opto 456- I even purchased a Pro 2006 in preparation for buying an Opto board. But I do agree with Jack that a preferable model would be to have the setup find the frequencies, then load them in to the scanner memory and use them. From what I understand, the Opto board does not talk to the scanner storage locations, and essentially shuts itself off when the comptuer interface says the associated program isn't running.

I can understand this- the way they are making the product less expensive is by having the external PC do all the work. It would probably add quite a bit of cost (hardware and development) to have the whole thing keep working in standalone mode. You would need to have memory and code to link the individual frequencies to the PL/DPL codes that go with them, and always know which channel the scanner is on.

Of course, those are the features I am looking for- a Pro2006 with Opt456 features, but will keep working in a stand alone mode.

Does this exist?

The closest I have found is a product from AIE (Automated Industrial Electronics) which did most of this, but without the computer interface, and no longer in production.

Maybe if I wait another few months there will be another model of the Opto that will do all of this...

==========
Peter C. Thompson Phone: 609-683-4480
District Technical Coordinator Fax: 609-683-8622
Princeton Regional Schools pct@walnut.prs.k12.nj.us

5234. NY World Cup Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-18 18:55:00 UTC
From: sysop@pfzrfsg.com
Message-ID: <771987561.AA00290@pfzrfsg.com>
Source record: 272883

The frequencies used by the NJ Sports and Exposition Authority at the Meadowlands should be active for the World Cup games:

460.1, 858-860.2625, 858-860.9625

In addition the NJ State Police trunked system and Bergen County frequencies should also be active with World Cup comms.

Mike Wallach
(mjw@pfzrfsg.com)

5235. Uniden MR8100A

Newsgroup: rec.radio.scanner
Date: 1994-06-18 19:53:56 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9406181344.AA149801@f217.n202.z1.fidonet.org>
Source record: 272882

S> Does anyone have this radio, and how do you like it. I like the
fact
S> that it is computer controlled. Do you get any interference from
the

Its not 'computer controlled', only programmable via computer. Once
you've programmed it, you disconnect the computer.

BTW, its not a really bad scanner, just not a good one. 800 mhz
reception is very poor, and adjacent channel rejection is also poor.
Its also extremely vulnerable to intermod.

S> If you think this radio stinks, what
S> others that are computer controlled are good. I believe that the

The Icom R7000/7100's are probably the best computer controlled
scanners, but expensive. There are several AOR models that allow
computer control also.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

5236. Re: OJ Manhunt Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-06-18 20:14:20 UTC
From: jwh@kaiwan.com
Message-ID: <2tvkis$ksc@kaiwan.kaiwan.com>
Source record: 272878

I believe that there were SEVERAL violations of MANY laws yesterday.

There were MANY violations of the UNIFORM CODE 705. Isn't that what media is all about though? ..Do not divulge what you hear to anyone who is not a party to it.. ?? How should we interpret this law? Obviously the media circus choked on this one.

I've got a copy of the OJ APB that went out.. but technically I can't let anyone listen to it because its against the law. Right?

John Herndon (jwh@kaiwan.com)

5237. Re: Scanner recommendations...

Newsgroup: rec.radio.scanner
Date: 1994-06-18 20:24:37 UTC
From: gdallal@world.std.com
Message-ID: <CrM0p3.Grt@world.std.com>
Source record: 272879

Joe Rao (obieone@eskimo.com) wrote:
: Im looking for a good scanner that picks up 800mhz and can be easily
: modified to restore the full 800mhz capibilities. Im looking at the
: Pro-2006, but is this unit easily modified? Is there any other units
: within a $400 price that has the same features. Would it be better to
: just get a general coverage Ham reciever/transciever? Any help is
: appriciated...

What are you looking for? If a scanner, it's hard to beat the PRO-2006.
Many people on the net more knowledgeable than I have called it the best
scanner available. If you want a dual-band tranceiver with lots of
extended RX that is particularly strong in certain 800MHz frequencies . . .
I've never heard anyone say that there was anything better than the
Standard C558A.

5238. Re: WANTED: Bridger-Teton Nat. Forest Freqs (WY)

Newsgroup: rec.radio.scanner
Date: 1994-06-18 20:32:55 UTC
From: jwh@kaiwan.com
Message-ID: <2tvlln$mq6@kaiwan.kaiwan.com>
Source record: 272880

TETON COUNTY

FEDERAL

163.6070 162.593 Bureau of Reclaimation
164.2000 416.025 ? Minidoka Project Rendezvous Mt
165.5875 Yellowstone NP Bechler RS KOF731
165.5875 Yellowstone NP Bridge Bay KOF708
165.5875 Yellowstone NP Grant Village KOF727
165.5875 Yellowstone NP Hart Lake KOF710
165.5875 Yellowstone NP Lake KOF723
165.5875 Yellowstone NP Lewis Lake KOF745
165.5875 Yellowstone NP Old Faithful KOF724
165.5875 Yellowstone NP S Entrance KOF725
165.5875 Yellowstone NP Shoshone KOF711
165.5875 Yellowstone NP Shoshonn KOF712
165.5875 164.800 cs Yellowstone NP Ch 4 Mt Sheridan KOF721
166.3750 Yellowstone NP Madison Jct KOF730
167.1500 163.125 186.2 Yellowstone NP Ch 9 SCA Mt Sheridan KOF721
167.9500 Dept of Interior Air Net
168.1750 Region 2 Work/Fire Channel
168.2500 US Fish & Wildlife Service WY
168.3500 Yellowstone NP Ch 7 Some Radios
168.5500 Dept of Interior Air Net
168.5750 169.250 ? BLM Rock Springs District KOD466
168.6250 Bridger/Teton NF Air Net Jackson KOK810
168.7750 USFS Region 2 Emergency Cache
169.1250 KCR835
169.1250 169.900 Bridger/Teton NF Control/Base Rosies
169.1250 169.900 cs Bridger/Teton NF
169.1250 170.475 Bridger/Teton NF
169.1250 410.400 cs Bridger/Teton NF Rendezvous Mt KOK810
169.1750 170.525 cs Targhee National Forest
169.9000 410.400 ? Bridger/Teton NF Rendezvous Mt
170.4750 410.400 ? Bridger/Teton NF Rendezvous Mt
171.6750 172.425 cs Grand Teton National Park Signal Mt KOD702
408.5750 164.750 131.8 Minidoka Project Rendezvous Mt
412.0750 406.266 ?? USGS? Signal Mt
414.4000 169.125 cs Bridger/Teton NF Rendezvous Mt
415.3000 168.625 Gallatin NF
415.4750 169.175 Targhee NF
415.5500 169.175 Targhee NF
415.5750 168.625 cs Bridger Teton NF Rendezvous Mt

STATE

154.740 SALECS PP WGQ941
154.7850 Fish & Game Car to Car? PP KA2055
154.8750 Mutal Aid Jackson PP KNCA706
155.1600 Wyoming PS KB61018
155.4450 154.680 107.2 Highway Patrol Jackson PP KNCA706
155.6400 154.740 107.2 SALECS PP WNFU891
156.1050 157.290 Highway Department Jackson PH KNDJ410

COUNTY

45.2000 Teton Co Jackson PL KNCE315
45.3200 Teton Co Fire Department Moran PL KNEC929
45.3200 Teton Co Fire Department Wilson PL KGY314
45.3200 Teton Co Hoback Jct PL KNEC930
45.3200 Teton Co Jackson PL KNCE315
154.8750 Teton Co PP WZX436
155.2200 Teton Co Expired?? PS WRG415
155.4150 154.950 100.0 Teton Co Jackson PP WZX437
155.4150 154.950 107.2 Teton Co Driggs, ID PP WZX437

CITY / TOWN

154.8000 Jackson PP WZX435
154.8750 Jackson PP WZX435

OTHER GOVERNMENT / PUBLIC SAFETY
155.2650 John R Walker PS KNEN233
155.3400 456.575 cs St Johns Hospital Rendezvous Mt PS KYV206
157.4500 Paging St Johns Hospital Jackson PS KYV206
451.5750 155.340 cs St Johns Hospital Rendezvous Mt PS WBG511

AIRCRAFT - AM

108.4000 122.100 Jackson VOR
113.4000 VOR Rosies Ridge DNW
122.8000 Jackson Hole Unicom
122.8750 Centennial Airlines Inc AF KFR5
129.2250 Air Inc AF KPC7
129.3000 Air Inc AF WOE8
130.1000 Air Inc AF KRJ7
131.2000 ?
132.0000 ?
133.2500 Salt Lake Center
134.5000 Salt Lake Center

HAM

146.9100 146.310 Jackson

BUSINESS / OTHER

42.9600 Fred Lutz IB KEQ261
48.2600 Lower Valley Power IW KRC896
75.5800 72.060 Darwin Ranch Inc IB WNHB937
75.9600 72.080 Darwin Ranch Inc IB WNHB937

150.8900 Teton Towing LA KNGT892
151.5650 Clarks Ready Mix & Const Jackson IS KEV874
151.6550 Clay & Bonnie Taylor IB KQD824
151.6550 Stan Seaton IB WZV767
151.6850 Continental Construction Inc IB WNAU216
151.7150 Jackson Hole Ski Corp IB KFB230
151.7450 Allen Budge Jr Jackson IB KNIJ200
151.7450 Budget Rent a Car of Jackson IB WNBY419
151.7450 Underground Management Corp Jackson IB WQK366
151.7750 Delcon Inc Jackson IB KRL985
151.7750 Grand Targhee Resort Inc Alta IB KRV764
151.8050 Arthur McCain Moose IB KJD6199
151.8050 Snow King Resort Inc Jackson IB KNCA759
151.8350 Jackson Hole Ski Club IB KB31768
151.9850 Mt States Telephone & Telegraph Jackson IT KJE470
152.0900 158.550 cs RCC Ch5 Mobile Tone Jackson Hole IMTS CD WRV932
152.2400 Paging Mobile Tone of Jackson Hole CD KNKC926
152.2700 Wilson F Thomas LX KNIP541
152.3600 High Mountains Helicopter Skiing IB WSD894
152.4200 Jackson Hole Ski Corp
152.4200 TWA Services Yellowstone
154.5400 Ino Plumbing Inc Wilson IB WNCM840
157.4700 Brad Brown LA WNAZ236
157.6200 Wilson Construction Inc Jackson IB KTD637
173.2037 Jackson Hole Ski Corp IB KK5435
451.1000 456.100 Montona Power Co Lake IW WNBR555
460.7750 465.775 American Airlines IB KB88550
461.5250 466.525 Jackson Hole Air Charter IB KNFN674
461.8000 466.800 Jackson Hole Transportation IB KNFY925
461.8000 466.800 Mobil Communications Leasing Co IB KNFR739
461.8250 466.825 Lewis & Clark Expeditions Inc IB KIR289
463.2000 468.200 Community Repeater IB
463.2000 468.200 Federal Express IB WNDZ974
463.2000 468.200 Jackson Hole Standard IB WNDF460
463.2000 468.200 Jackson Wireless IB KNJZ642
463.2000 468.200 Lutz, Fred & Shirley IB WNCC392
463.4000 468.400 107.2 Jackson Lake Lodge IB KVY972
463.4500 468.450 107.2 Yellowstone Park Company Signal Mt IB
463.6250 468.625 Community Repeater IB
463.6250 468.625 ECO Inc Jackson IB KNHV217
463.6250 468.625 Hakes Excavating Jackson IB KNBX628
463.6250 468.625 Jackson Wireless Jackson IB KWK771
463.6250 468.625 L Bertschy; H Turner IB KNGE448
463.6250 468.625 Richins Oil Co Jackson IB KNJD544
463.6250 468.625 Robyn Erickson Jackson IB KNEW812
463.6250 468.625 Spotted Horse Ranch Jackson IB KNBQ914
463.8250 468.825 Evans Construction Inc IB KNEA791
464.3250 469.325 Inn & Sojourner Teton Village IB KNHR733
464.3750 469.375 Jackson Hole Airport IB KNIP963
464.4750 469.475 Spring Creek Ranch IB WNBP708

464.5250 469.525 Aspens Management IB WNEB618
464.8500 469.850 Fir Creek Ranch IB KXT379
464.8500 469.850 J Y Ranch IB KIN522
464.8750 469.875 Trails End Ranch Wilson IB KNIY567
--
: ONE STOP TECH SHOP BBS * (310) 421-6766 * 24 Hours * USR 14.4 DS * 8/N/1 :
: Ham Radio * Scanners * Shortwave Listening * CAD/CAM/CAE * Satellites :
: Groom Lake/Area 51/S4 * X-Planes & Black Budgets * 500 Megs + 3 CD-ROMs :
: Call and share your interests & knowledge with others! :

5239. Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-18 20:52:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <771986055.AA06534@rochgte.fidonet.org>
Source record: 272893

> > From: drranu@lamar.ColoState.EDU (Emarit Ranu)
> > Organization: Colorado State University, Fort Collins, CO 80523

> A major point to observe is the police have NO authority
> over these matters, ONLY the FCC does.
> Read Part 97, its in there.

Yes, but...

The local police CAN still make a misdemeanor arrest for aggravated harassment. The statutes view annoying radio calls the same way as annoying telephone calls.

==========
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

5240. Listening in the car

Newsgroup: rec.radio.scanner
Date: 1994-06-18 20:58:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <771986055.AA06535@rochgte.fidonet.org>
Source record: 272894

> From: bunce@L14H13.jsc.nasa.gov (Thomas J Bunce)
> Organization: Lockheed Engineering and Sciences Co

> I'll double that feeling. My Ford F150 had a second plug with a lid too.
It
> was very prominent in their flyers when I was buying the truck, so it
> must have been a big selling item for people who use the truck for work.

> My latest vehicle (a Ford Tempo) has A/C vents with a lower edge that
> nicely holds the belt hook on my scanner, so I have good access to

Vehicle manufacturers are catering to the cellular phone crowd. The 1994
Chevy S-10 Blazer has a special platform on the transmission hump with its own
12-volt socket that is provided specifically for c-phones.

Email replies to: david.stark@rochgte.fidonet.org

5241. Re: Michigan Vehicle Scanner Law/Interpret

Newsgroup: rec.radio.scanner
Date: 1994-06-18 21:17:27 UTC
From: hoagy@illuminati.io.com
Message-ID: <2tvo97$9ef@illuminati.io.com>
Source record: 272881

>> Sec 508. (1) Any person who shall equip a vehicle with a radio
>> receiving set that will receive signals sent on frequencies assigned by
>> the federal communications commission of the United States of America
>> for police purposes, or use the same in this state unless such vehicle
>> is used or owned by a peace officer, or a bona fide amateur radio
>> operator holding a technician class, general, advanced, or extra class
>> amateur license issued by the federal communications commission, without
>> first securing a permit so to do from the directory of the department of
>> state police upon application as he or she may prescribe, shall be
>> guilty of a misdemeanor, punishable by imprisonment in the county jail
>> for not more than 1 year, or by a fine of not more than $500.00, or by
>> both fine and imprisonment in the discretion of the court.
>> (2) This section shall not be construed as restricting the use of
>> radar detectors.
>>

<This law quoted again for my own peace of mind>

I'm a bouncer in a bar, and I have a lot of police friends.

Out of 12 of them, *none* of them knew this law.
They, when asked "If you pulled a car over and saw a scanner,
which was turned on, with active local/state police frequencies,
what would you do?"

All of them responded along these lines:

(1) It's illegal
(2) confiscate the scanner
(3) ticket the driver
(4) arrest the driver
(5) warn the driver
etc etc etc yadda yadda.

I had to pull out a copy of the law from the "Good Book of Law",
and show them. None of them knew this. One is a *captain* of
a department. Since I'm friends, I couldn't resist shoving a
"Ever hear of a lawsuit for false arrest?" in their faces.
They read the law. It took them several minutes to understand it.
Even they thought you needed a ham license AND a permit.
But, at the least, they didn't know a non-cop/non-emergency personnell
were able to scan mobile. I jabbed another "faith in the public
servants" line.

It's scary. Get some zealous cop who thinks they're right,
and they will haul your ass in if you stand there and tell 'em

they're wrong. So, ditto to what a previous ham said:
Carry a copy of your license at ALL times, a copy of the LAW,
and if they're damned determiend to confiscate your equipment,
let 'em. Sue 'em later.
--
.....
Matt Rupert | 2984 Pheasant Run Drive Apt D | Jackson, MI 49202 | (517) 782-1438
Security - Organization Meetings/Bookings - Professoinal Harasser
UNIX / Amateur Radio enthusiast KB8SGL

5242. O.J. chase and Cell phone

Newsgroup: rec.radio.scanner
Date: 1994-06-18 21:34:25 UTC
From: stevenp@gibeah.connected.com
Message-ID: <2tvp91$6dh@gibeah.connected.com>
Source record: 272832

Interesting bits from the O.J. Simpson Chase:

They were able to locate him because he used his Cell phone and they tracked him down to the Cell Site, and then to the block he was on.

Then he was followed onto I-5 where the "chase" (mass tailing?) was started. At that point he called 911 and told them he planned to shot himself unless he was allowed to go talk to his mother.

The most interesting part was the news media following him in the choppers. They were monitoring the Cell Phone band and found his call and the guy announced on the air what he heard and how he heard it!

Seems to me that he should be brought up on charges. If we can't listen why should he be allowed to?

5243. Question : Possible to ma

Newsgroup: rec.radio.scanner
Date: 1994-06-19 01:38:00 UTC
From: mario.campos@nitelog.com
Message-ID: <cb.1000.2275.0ND05197@nitelog.com>
Source record: 272884

Subject: Question : Possible to make a scanner ??

To:9406161033.aa05645@csam.my

LFH>Sorry if this is a stupid question. I am new and very interested in scanner
LFH>I was just wondering if it is possible to assemble/"make" a scanner
LFH>from scratch - I mean going to the electrical shop to buy those transistors
LFH>diodes, etc and assemble it up.

Lee, sure it is possible! Find someone who has one, pop it open and decide
for yourself. The technology involved, the sophisticated test equipment, not
to mention the electronic knowledge needed, is way beyond the average home-brew
tinkerer! I assume you have the knowledge, facilities, equipment, etc. If
you have, good luck - I envy you!

5244. Frankfurt Rhein-Main Area

Newsgroup: rec.radio.scanner
Date: 1994-06-19 02:20:11 UTC
From: mrw@brion.rz.uni-frankfurt.de
Message-ID: <2u0a0r$ju3@jurpool0.rz.uni-frankfurt.de>
Source record: 272892

Does anyone have any frequencies for this area? I have most of the
frequencies for Frankfurt Airport (FRA) but am also interested in others.
Please email any responses.

Thanks,

Marc Wollemborg
<mrw@em.uni-frankfurt.d400.de>
<mrw13@columbia.edu>

5245. Re: OJ Manhunt Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-06-19 04:30:53 UTC
From: steven@sgb.oau.org
Message-ID: <CrMn7I.F73@sgb.oau.org>
Source record: 272896

John W. Herndon (jwh@kaiwan.com) wrote:
: I believe that there were SEVERAL violations of MANY laws yesterday.

: There were MANY violations of the UNIFORM CODE 705. Isn't that what media is
: all about though? ..Do not divulge what you hear to anyone who is not a party
: to it.. ?? How should we interpret this law? Obviously the media circus
: choked on this one.

: I've got a copy of the OJ APB that went out.. but technically I can't let
: anyone listen to it because its against the law. Right?

Wrong, a person can listen to the tape and hear the same first hand
information you taped from the scanner. You are not attempting to
profit from it, therefore since you are not "interpreting it" for
someone and they are hearing the same info from the same source you
did -- no law broken.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5246. Re: PRO-2004 died, how about BC8500XLT?

Newsgroup: rec.radio.scanner
Date: 1994-06-19 04:42:28 UTC
From: steven@sgb.oau.org
Message-ID: <CrMnqt.FD9@sgb.oau.org>
Source record: 272897

Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) wrote:
: Steven...
: When Uniden was getting ready to ship this unit out, they discovered
: alot of problems. One was the presence of too many birdies. Uniden
: re-designed the chip. At this point, the Telecommunications law that made
: it illegal to manufacture scanners with cellular capability after April
: 1992 was passed. With this in mind, Uniden re-designed the chip and
: decided to get a head start in complying with the Cellular Telecom law.

: So that's why no mods have ever been figured out for the 8500 for
: cellular reception. It can't be done.

While I appreciate your post, the point I am making is the sale of these units from other countries is legal. Therefore, if they were to attempt to sell this unit, for example in the U.K, where it is legal to buy a full coverage unit, they would not stand a chance against the other models without the limitation.

Therefore, I must assume they would have an export only version without the limitation. Export only due to U.S. law. But, U.S. law does not affect the sale of the chips without the restriction as a replacement part or as a raw material. Therefore, if they wanted a prayer of an overseas market against the other scanners without the limitation, they would need two types of CPUs, one locked out and one available. I am attempting to find out just how hard it is to (1) obtain the part [ie price, number, address, phone, etc] and (2) how hard to replace it by a [2a] experienced person or [2b] some mod experience in the past. I suspect it can be done. Not many appear to be looking at this side of the coin. I am -- because if there is a market, I may see a spare parts business possbility on the horizon... Send check or money order to ... specify which unit you need an unblocked cpu for ... etc.

I do not think I am dreaming, and the FCC funding bill passed by Bush very CLEARLY does NOT COVER this type of approach. On the other hand, I could stand to profit to some small amount.

I am not kidding... and would not be selling scanners, just raw materials, chips, semiconductors, not controller by the government, and not controllable by the FCC either!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5247. Re: Space Shuttle Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-19 05:48:25 UTC
From: coyote@clt.fx.net
Message-ID: <2u0m79$fs4@clt.fx.net>
Source record: 272902

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: In article <8711@heimdall.sdrc.com> robert.gruen@sdrc.com (robert gruen) writes:

: >I was wondering if the public is allowed to monitor the Space shuttle? Is this
: >even possible? Does anyone know the proper frequencies?

A very good article in the March issue of Monitoring Times by Jack Sullivan talks about direct monitoring of some shuttle communications. His article mentions the following UHF-AM frequencies: 296.8, 259.7, and 279.0 MHz. These frequencies are used for communication between the shuttle and the astronauts while they are doing "space walks" outside the shuttle. Their transmitter output is only about 1/4 watt, so careful monitoring techniques are required. I have seen shuttle orbit tracking programs on shareware cd disk, and the data needed for the program should be available from the NASA BBS once a mission has been launched. Monitoring Times (704-837-9200) may still have some back issues. Till later, Si B.

5248. Re: Pro 2006 unused channel L/O

Newsgroup: rec.radio.scanner
Date: 1994-06-19 06:09:14 UTC
From: gkd@wpi.WPI.EDU
Message-ID: <2u0nea$dcg@bigboote.WPI.EDU>
Source record: 272895

In article <brett_miller.329.000EA6B4@ccm.hf.intel.com>,
Brett Miller - N7OLQ <brett_miller@ccm.hf.intel.com> wrote:
>
>In Bill Cheek's first Scanner Modification Handbook he shows how to replace
>the stock memory chip with one that has 4 additional address lines. 4 new
>lines give you 16 times the memory... In his second book, he shows how to
>access the 16 blocks via keypad...The mod isn't for the faint-of-heart.

There's also a simpler version published in Bill Cheek's column in the
June 1993 Monitoring Times. The original mod from the first Scanner
Modification Handbook required the installation of a separate board
containing the new 256K DIP mount static RAM, with 24 jumper wires run
between this board and the scanner's CPU board (where the original 16K
static RAM had been located). The Monitoring Times version eliminates
the need for a separate board by using a surface mount 256K static RAM
chip, which gets soldered directly onto the CPU board right where the
original 16K chip had been (with some very minor modifications to the
CPU board). Only six wires are needed from the CPU board to the block
selection switches.

I performed this modification using miniature toggle switches in the
rear of the scanner for block selection so I wouldn't have to deal with
drilling into the front panel, and had no problems with it. Finding
a source for 256K chips in a surface mount package proved to be challenging,
but perseverence paid off. This modification is much less labor intensive
than the earlier one, but requires about the same skill level. As Brent
notes, it is not for the faint of heart.

Greg

5249. PRO2006 Modification??

Newsgroup: rec.radio.scanner
Date: 1994-06-19 07:43:12 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9406190105.AA150143@f217.n202.z1.fidonet.org>
Source record: 272898

GAT> I would appreciate advice on how to modify the RS PRO2006
scanner
GAT> to be capable of monitoring cellular channels. Does it require

Remove the top cover (2 small screws on the rear lip of the top
cover). Once off, look inside, right behind the #3 key o the keyboard.
There are 2 diodes there, cut the loops on both. One opens cellular,
the other speeds up scanning by about 20%. Replace cover, turn
scanner on, hit the up arrow button to get into search mode, select a
bank, and enter 869 and 894 as limits. Then, hit the 'reset' key on
the keypad to get the correct step rate (30K) in the cell band.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

5250. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-06-19 10:00:23 UTC
From: mstrand@delphi.com
Message-ID: <52wy4Sf.mstrand@delphi.com>
Source record: 272899

<sbrackstone@cc.memphis.edu> writes:

>Am I the only one who remembers fondly Allied catalogs before it became
>Allied-Radio Shack, and totally destroyed a really good, comprehensive

Hi Sam,

I too fondly remember the Allied Catalogs. When I first started fooling around with elctronics (vacuum tubes!) in the early 50's they were the only decent source of parts. I have a few old Allied catalogs from that period and a real gem from 1937.

regards,
Mike

5251. Re: Direct Search

Newsgroup: rec.radio.scanner
Date: 1994-06-19 13:43:21 UTC
From: steven@sgb.oau.org
Message-ID: <CrnCsA.Hw6@sgb.oau.org>
Source record: 272906

phyllis@clark.net wrote:
<<<nothing>>>

Sounds pretty speechless!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5252. This a Great Newsgroup!

Newsgroup: rec.radio.scanner
Date: 1994-06-19 13:50:56 UTC
From: bass@cais.cais.com
Message-ID: <2u1ig0$ovl@sun.cais.com>
Source record: 272900

Of the 50 technical newsgroups that I enjoy, this one is one of the best.

Question:

Can someone provide a list of other good technical newsgroup that relate to electronics?

Also, I heard there is a packet radio group but I don't know the name. Could someone please forward that info?

Cheers

5253. Re: Sorry for asking: Pro-2006 mods...

Newsgroup: rec.radio.scanner
Date: 1994-06-19 14:22:17 UTC
From: eric@garnet.msen.com
Message-ID: <2u1kapmoo1@garnet.msen.com>
Source record: 272901

In article <1994Jun17.134914.15320@news.cs.brandeis.edu>,
<briskin@binah.cc.brandeis.edu> wrote:
>I sincerely apologize for being a newbie and not reading the FAQ (where
>th' heck is it, anway?) but I'm about to get a Pro-2006 and humbly
>request for someone to tell me where I can FTP the, er, "coverage
>restoration" mod instructions from. Thank you.
>
>Jeff Briskin
>Brandeis University
>briskin@binah.cc.brandeis.edu

Jeff,
Instead of boring everybody with a reprint of all of the mods, I'll point
you in the right direction. Simply to an anonymous ftp to oak.oakland.edu
(at Oakland University in suburban Detroit). The path to follow is:
pub/hamradio/mods/tandy. You'll find ALL of the mods you ever wanted for
your scanner and hundreds of others, too. Hope this helps. It sure
helped me when I got it.
- -Eric
--
------------------<Golan Security/Defense Policy Studies>--------------------
eric@golan.org | The HOWITZER of truth on the | Holyland Harley-
72000.1256@compuserve.com | battlefield of propoganda. | Davidson Club
----

5254. OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-19 15:00:27 UTC
From: rflood@cis.umassd.edu
Message-ID: <CrnGCs.F80@umassd.edu>
Source record: 272904

I was watching CNN Friday night and one think stuck in my mind. Why
didn't any of the news teams pickup up OJ talking on his cellular
phone? I heard one TV guy say that he was listening to the police on
a hightech scanner, what ever that means :-) But if the scasnner
was so great why couldn't they pick up OJ. Was it a case of the media
using discression or was it that they just couldn't find the freq ?

BTW:) How long do you think it will be before the LA police encrypt
their radios, they must have been pissed about everything that happened.

-Rich--

============================
\\\|/// Richard M. Flood
(O O) rflood@cis.umassd.edu
------oOO-(_)-OOo------ rflood@umassd.edu
Always Expose, Explain,and Explore, ============================
that which is forbidden!

5255. Re: Sporadic E Opening to New England

Newsgroup: rec.radio.scanner
Date: 1994-06-19 15:01:01 UTC
From: sds910@aol.com
Message-ID: <2u1mjd$ppc@search01.news.aol.com>
Source record: 272910

In article <771874009@f747.n115.z1>, Jerry Smith
<Jerry.Smith@f747.n115.z1.fidonet.org> writes:
<< I suspect you were picking up WBBM TV in Chicago. Yes? They are
on
<< Channel 2.

Nope, not WBBM. We were snaring a channel 3 station from
somewheres or other in the state of IL. I wish I could remember
which one, but my buddy's got the list. The best catches were,
however from Louisiana and Tampa, FL... WEDU-TV in particular.

Steve

5256. Re: Sorry for asking: Pro-2006 mods...

Newsgroup: rec.radio.scanner
Date: 1994-06-19 15:12:06 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <772056362@f747.n115.z1>
Source record: 272844

-=> Quoting briskin@binah.cc.brandeis.edu to All <=-

br> From: briskin@binah.cc.brandeis.edu
br> Reply-To: briskin@binah.cc.brandeis.edu
br>
br> I sincerely apologize for being a newbie and not reading the FAQ
br> (where th' heck is it, anway?) but I'm about to get a Pro-2006 and
br> humbly request for someone to tell me where I can FTP the, er,
br> "coverage restoration" mod instructions from. Thank you.

Hi, Jeff...Piece of cake...Open up the unit...look behind the #3 key for
a diode (looks like glass with a band on the first 1/3 of it), clip one of
the wires and separate. Mod complete.
Jerry

5257. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-19 15:28:25 UTC
From: jimz@infinet.com
Message-ID: <2u1o6p$c41@rigel.infinet.com>
Source record: 272905

Richard M. Flood (rflood@cis.umassd.edu) wrote:
: I was watching CNN Friday night and one think stuck in my mind. Why
: didn't any of the news teams pickup up OJ talking on his cellular
: phone? I heard one TV guy say that he was listening to the police on

I don't remember what I channel I heard this on, but I distinctly
remember one of those media types as saying they determined OJ's location
by (rough quote) "following cellular phone conversations from OJ's vehicle."

Sound's like admission of guilt to me!

--
/+-\
jimz@infinet.com	What's better than roses on your piano?
Call me Wookie;	Finger me for the answer.
everyone else	
does.	Disc: Don't even bother listening to me.
\-+/

5258. Re: LA Cellular Scanning...

Newsgroup: rec.radio.scanner
Date: 1994-06-19 17:11:54 UTC
From: domonkos@access.digex.net
Message-ID: <$y61kiubG6cL066yn@access.digex.net>
Source record: 272907

In article <2tube2$4j7@search01.news.aol.com>, Boothc416 wrote:
>
> Hmm, If he was talking on the ol' cell phone, and the LAPD knew it
> was his, could'nt they pin-point his exact location.... using some
> variation of triangulation? Seems like it would be pretty easy.
> Well, if they "got him" incorporating this simplistic technology
> could'nt we call it getting
> "O.J.ed" ?
>
> Cell phones, how sweet they are :)
>
> --
Cellular phones have ID's that are picked up by cellular sites. The cellular
sites change as a person moves out of one site into another. The phone
company computers monitor these transitions making tracking an easy task.
No triangulation needed, just watch the site transitions...

Andy

5259. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-19 17:37:44 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-190692103709@lisaraip6.llnl.gov>
Source record: 272908

In article <2u1o6p$c41@rigel.infinet.com>, jimz@infinet.com (James M. Ziogas) wrote:
>
> Richard M. Flood (rflood@cis.umassd.edu) wrote:
> : I was watching CNN Friday night and one think stuck in my mind. Why
> : didn't any of the news teams pickup up OJ talking on his cellular
> : phone? I heard one TV guy say that he was listening to the police on
>
> I don't remember what I channel I heard this on, but I distinctly
> remember one of those media types as saying they determined OJ's location
> by (rough quote) "following cellular phone conversations from OJ's vehicle."
>
> Sound's like admission of guilt to me!

Any cell phone will yield its general location when turned on. The phone communicates with the local cell even when not being used for a call. With the proper equipment, the cell phone could be tracked, cell to cell, to give general location info.

Gary

The above opinions are mine, not those of LLNL.

Gary Ross
Shot Director ROSS@NOVAX.LLNL.GOV
Nova Laser Operations ROSSMAN@AOL.COM
Lawrence Livermore National Lab ROSSMAN@EWORLD.COM
P.O. Box 808 L-489
Livermore, CA 94551

5260. PRO-2026, Two versions

Newsgroup: rec.radio.scanner
Date: 1994-06-19 18:04:02 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-190692104351@lisaraip6.llnl.gov>
Source record: 272909

For those looking at the 100 channel PRO-2026 scanner (on sale now), be aware that there are two versions. The original 20-148 and the newer 20-148A.

Both can have parts of the 800 Mhz band enhanced but the newer 'A' version has some advantages. Instead of two hot wires (one power, one memory backup) permanently attached to the back of the 20-148, the 20-148A has a DC jack for a single power input and a fold down foot for desktop use. The 'A' version claims to retain memory for 14 days without power.

Currently available for $135 delivered (outside Texas) from MaryMac 800-231-3680 or U. S. Radio 800-433-7283

Gary

The above opinions are mine, not those of LLNL.

Gary Ross
Shot Director ROSS@NOVAX.LLNL.GOV
Nova Laser Operations ROSSMAN@AOL.COM
Lawrence Livermore National Lab ROSSMAN@EWORLD.COM
P.O. Box 808 L-489
Livermore, CA 94551

5261. Re: Is a Pro-39 Any Good?

Newsgroup: rec.radio.scanner
Date: 1994-06-19 18:32:21 UTC
From: kbarger@cellar.org
Message-ID: <m1J7Nc6w164w@cellar.org>
Source record: 272911
Cross-posted to: rec.radio.scanner,alt.radio.scanner

robert.gruen@sdrc.com (robert gruen) writes:

> I have recently purchased a Radio Shack Pro-39 Scanner and I was basically
> wondering if I made a good purchase or not (I know its a little late now but.
> It does cover most of the 800 and 900 ranges as well as just about all of the
> low stuff. Can anyone give me any feedback?

I've had one for about a year, and I really like it. Plus the price was right--on sale for $200 at the time I bought it. One potential problem I've heard about: many people complain about probelms with images in the 800MHz bands. (This doesn't bother me that much, because the police etc. in my area are not on 800MHz.)

--
Kyle Barger
kbarger@cellar.org

5262. Re: This a Great Newsgroup!

Newsgroup: rec.radio.scanner
Date: 1994-06-19 19:57:16 UTC
From: rwilkins@ccnet.com
Message-ID: <2u27us$587@ccnet.ccnet.com>
Source record: 272912

**********< R E P O S T >**********

(Note: The following is reprinted with the permission of the author.)

This message describes the rec.radio.amateur.*, rec.radio.cb, rec.radio.info, and rec.radio.swap newsgroups. It is intended to serve as a guide for the new reader on what to find where. Questions and comments may be directed to the author, Jay Maynard, K5ZC, by Internet electronic mail at jmaynard@oac.hsc.uth.tmc.edu. This message was last changed on 18 September 1993 to add the mailing lists for the new rec.radio.amateur newsgroups, to note the rmgroup of rec.radio.amateur.packet, and to officially retire some (in)famous threads of discussion on rec.radio.amateur.policy.

History
=======

Way back when, before there was a Usenet, the Internet hosted a mailing list for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions were held on the mailing list, and sent to the mailboxes of those who had signed up for it. When the Usenet software was created, and net news as we now know it was developed, a newsgroup was created for hams: net.ham-radio. The mailing list and the newsgroup were gatewayed together, eventually.

As the net grew, and as packet radio came into vogue, packet discussion began to dominate other topics in the group and on the list. This resulted in the logical solution: a group was created to hold the packet discussion, and another corresponding mailing list was created as well: net.ham-radio.packet and PACKET-RADIO, respectively.

These two groups served for several years, and went through Usenet's Great Renaming essentially unchanged, moving from net.ham-radio[.packet] to rec.ham-radio[.packet]. Readership and volume grew with the rest of the network.

The INFO-HAMS mailing list was originally run from a US Army computer at White Sands Missile Range, SIMTEL20. There were few problems with this arrangement, but one was that the system was not supposed to be used for commercial purposes. Since one of hams' favorite pastimes is swapping gear, it was natural for hams to post messages about equipment for sale to INFO-HAMS/rec.ham-radio. This ran afoul of SIMTEL20's no-commercial-use restriction, and after some argument, a group was created specifically for messages like that: rec.ham-radio.swap. This group wasn't gatewayed to a mailing list, thus avoiding problems.

While all this was happening, other folks wanted to discuss other aspects of the world of radio than the personal communications services. Those folks created the rec.radio.shortwave and rec.radio.noncomm newsgroups,

and established the precedent of the rec.radio.* hierarchy, which in turn reflected Usenet's overall trend toward a hierarchical name structure.

The debate between proponents of a no-code ham radio license and its opponents grew fierce and voluminous in late 1989 and 1990. Eventually, both sides grew weary of the debate, and those who had not been involved even more so. A proposal for a newsgroup dedicated to licensing issues failed. A later proposal was made for a group that would cover the many recurring legal issues discussions. During discussion of the latter proposal, it became clear that it would be desirable to fit the ham radio groups under the rec.radio.* hierarchy. A full-blown reorganization was passed by Usenet voters in January 1991, leading to the overall structure we now use.

After the reorganization, more and more regular information postings began to appear, and were spread out across the various groups in rec.radio.*. Taking the successful example of the news.answers group, where informational postings from across the net are sent, the group rec.radio.info was created in December, 1992, with Mark Salyzyn, VE6MGS, initially serving as moderator.

In January, 1993, many users started complaining about the volume in rec.radio.amateur.misc. This led to a discussion about a second reorganization, which sparked the creation of a mailing list by Ian Kluft, KD6EUI. This list, which was eventually joined by many of the most prolific posters to the ham radio groups, came up with a proposal to add 11 groups to the rec.radio.amateur hierarchy in April 1993. The subsequent vote, held in May and early June, approved the creation of five groups: rec.radio.amateur.digital.misc (to replace .packet), .equipment, .homebrew, .antenna, and .space.

The Current Groups

I can hear you asking, "OK, so this is all neat history, but what does it have to do with me now?" The answer is that the history of each group has a direct bearing on what the group is used for, and what's considered appropriate where.

The easy one is rec.radio.amateur.misc. It is what rec.ham-radio was renamed to during the reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.digital.misc is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, rec.radio.amateur.packet, should be removed by September 21st, 1993. It is obsolete, and you should use .digital.misc instead (or the appropriate new mailing list, mentioned below). The group

has .misc as part of the name to allow further specialization if the users wish it, such as .digital.tcp-ip.

The swap group is now rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially .equipment and .homebrew, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there.

The first reorganization added two groups to the list, one of which is rec.radio.amateur.policy. This group was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The other added group is rec.radio.cb. This is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar progagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently Mark Salyzyn, VE6MGS. The email address for submissions to the group is rec-radio-info@ve6mgs.ampr.ab.ca. Inquires and other administrivia should be directed to rec-radio-request@ve6mgs.ampr.ab.ca. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups rec.radio.amateur.antenna, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and

space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter.

Except for rec.radio.swap and rec.radio.cb, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

A Few Words on Crossposting
===========================

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--
Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@oac.hsc.uth.tmc.edu | adequately be explained by stupidity.
"If my car ran OS/2, it'd be there by now" -- bumper sticker
GCS d++ p+ c++ l+ m+/- s/++ g++ w++ t+ r

--
73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu

****

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

5263. Who sells Yupi's,anyone in U.S.?

Newsgroup: rec.radio.scanner
Date: 1994-06-19 20:46:01 UTC
From: habu@gate.net
Message-ID: <2u2aq9$gpr@tequesta.gate.net>
Source record: 272913

I would appreciate it if anyone could provide me with a place
that sells the Yupiverta scanner.

Thanks Mike

5264. Re: Police Codes

Newsgroup: rec.radio.scanner
Date: 1994-06-19 20:48:24 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CrnwGo.5Mo@freenet.carleton.ca>
Source record: 272914

In a previous article, dwillson@pcwizard.almaden.ibm.com (Dennis Willson) says:

>In <2tj4sc$58v@tadpole.fc.hp.com>, jrs@fc.hp.com (John Spencer) writes:
>>I am new to scanners and I wonder where to find the 10 and 20 codes that
>>the police use. Also what are codes 1-4?
>>
>
>A lot of police officers keep a copy in the pocket of there sunvisor. Next
>time you see a parked police car with its window down just reach in and get
>one. ------ Just kidding -----------
>
>While most of the codes are standard, there are some differences between some
>police departments. Also there are more then just 10 code. I went in and asked
>my local Radio Shack manager and he gave me a photocopy of our local code and
>frequencies.

I use to work for the Nepean Police Service (suburb of Ottawa Canada) I can
tell you that our 10 Code was different than the one used by Ottawa... Some
are stardard like 10-4 etc... but some are very different Ottawa used
10-25 M for mental illness (10-25 sick person) Nepean used 10-86 for mental
person... If you monitor enough you will find out the more common 10-codes

10-4

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

5265. Skip

Newsgroup: rec.radio.scanner
Date: 1994-06-19 21:09:36 UTC
From: phyllis@clark.net
Message-ID: <2u2c6g$lar@clarknet.clark.net>
Source record: 272915

On Saturday I wa slistening to 154-155. I was receiving signals from
Pa,Delaware and New Jersey. I live in Baltimore. The time was about 7pm,
is this what is known as skip?
Thanks, Phil

5266. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-19 21:13:47 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Jun19.211347.27980@alw.nih.gov>
Source record: 272916

Richard M. Flood (rflood@cis.umassd.edu) wrote:
: I was watching CNN Friday night and one think stuck in my mind. Why
: didn't any of the news teams pickup up OJ talking on his cellular
: phone? I heard one TV guy say that he was listening to the police on

Well, if *I* were the CNN reporter, I certainly wouldn't admit on TV to listeing to cellular as it's illegal. With regard to the comment that someone else made about OJ being tracked by his cellular transmissions, I *think* that you misunderstood. The *police*, apparently with cooperation from the cell service company, tracked OJ. It seems unlikely that the reporter's friend had the equipment to decode the control channel and tell where the cell was located. You may be right, but I'm guessing that you misheard.

Regards,
Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: +1 301 402 4030
Bethesda, MD 20892 Fax: +1 301 402 2867

5267. Am I ham licensed?

Newsgroup: rec.radio.scanner
Date: 1994-06-19 21:26:00 UTC
From: mike.moffit@totembbs.com
Message-ID: <9406200209131186@totembbs.com>
Source record: 272789

HGH> While in college I was on the radio and was issued an FCC
>Restricted Radiotelephone Operator Permit, Form 753-Part 2. It has a
>grant date of Feb 12 1988. It states I am authorized to operate any
>radio station which may be operated by a person holding this class of
>license (per paragraphs 3454 and 3945 of the Radio Regulations, Geneva
>1979).

HGH> Does this equate to a certain ham license/capability to
>broadcast? I bought an Alinco DJ-580T a while back and have refrained
>from using it until I find out. Could anyone with info on how to
>pursue/convert to a ham license help me out. Thank You, Hawley.

It's a good thing you're refrained from using that Alinco, as the
Restricted Permit only allows you to operate Commercial AM/FM radio
stations. You still need an Amateur license to use it.

 SLMR 2.1a My Ship Finally Comes In; But It's The Kobayashi Maru!

5268. F4 fly-by of World Cup frequency on 6/20/94 - Have it!

Newsgroup: rec.radio.scanner
Date: 1994-06-19 21:34:36 UTC
From: mjr@crl.com
Message-ID: <2u2dlc$pb7@crl3.crl.com>
Source record: 272917

On 6/20/94 following the National Anthem at Stanform Stadium Palo Alto CA, at Aprox. 12:25 PDT, four F4 phantoms of the 152 Air Recon. Squadron out of Reno NV will fly by the stadium. They will be talking to their ground control in the stadium on 126.400 AM mode. Aircraft call sign will be ARROW, ground control is Jupiter. The whole event will last only a few minutes. They will probably begin talking to ground control about 12:10 or a little later as they diverge from northbound Moffet approach to the stadium about 15 miles south of Palo Alto.

Happy monitoring...

The aircraft will be at a few thousand feet, so you should be able to hear them all over the south bay. Ground control will be up at the lip of the stadium, so people in and around Palo Alto will also be able to hear him...

--
matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70271,255 Internet: mjr@crl.com

5269. Help Please (seeking scanner!)

Newsgroup: rec.radio.scanner
Date: 1994-06-19 21:44:32 UTC
From: eth@tiamat.umd.umich.edu
Message-ID: <eth.772061905@tiamat.umd.umich.edu>
Source record: 272918
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I have NEVER had a scanner before but because of recent events at my
home, detroit area, have bcome very interested in getting one. I have
looked a radio shack model pro-2032 but having NO electronic exprience I
found that the mod would be very hard for me to do! (cutting wire is
different from unsodering a part and replacing it!) I asked about the
pro-2004 but the man had nothing to say.
What I am after is if there is any place still offering the
pro-2004 made before the Apirl deadline. Any numbers would help or
comments on the modification for the pro-3032 (is it not THAT hard) Also
when I buy it how do I tell its before the Apirl deadline?
You can either post or email, any other info is greatly wanted
(other better models)
Dave
eth@tiamat.umd.umich.edu

5270. Re: Help Please (seeking scanner!)

Newsgroup: rec.radio.scanner
Date: 1994-06-19 22:07:24 UTC
From: gdallal@world.std.com
Message-ID: <Cro04C.4sH@world.std.com>
Source record: 272921
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Dave Pozniak (eth@tiamat.umd.umich.edu) wrote:
: What I am after is if there is any place still offering the
: pro-2004 made before the Apirl deadline. Any numbers would help

You mean the PRO-2006. It may be too late, but try Grove at 800/438-8155, Marymac at 800/231-3680 and every RS in your area. You may luck out if you keep plugging. There is a company by the name of Cellular Security Group 508/281-8892 that modifies most modifiable scanners for a flat rate of $40, including return postage--a great service for the desoldering impaired who own PRO-43's. *Anyone* can modify a 2006; there is no need to pay anyone to perform that modification.

The 2006 is a nice scanner, but if you're a portable kind of person you might consider the PRO-43. I haven't seen any 2006's on the shelves locally, but I have seen 43's,

5271. Re: Who sells Yupi's,anyone in U.S.?

Newsgroup: rec.radio.scanner
Date: 1994-06-19 22:07:41 UTC
From: schuster@panix.com
Message-ID: <2u2fjd$2lp@panix3.panix.com>
Source record: 272919

In article <2u2aq9$gpr@tequesta.gate.net>, Michael Fink <habu@gate.net> wrote:
>I would appreciate it if anyone could provide me with a place
>that sells the Yupiverta scanner.

No US dealer carries this scanner to my knowledge. ACE Communications tried to get FCC approval for a cell-blocked version but failed. (This did not stop them from tkaing orders for same, with indefinite waiting period).

EDCO (EEB) has a cell-blocked AR8000 in the lab. They may distribute it here this fall; if the scanner proves to be as good as it looks on paper, you might pass by the MVT-7100 anyway.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5272. Help w/2006

Newsgroup: rec.radio.scanner
Date: 1994-06-19 22:08:44 UTC
From: koechig@garnet.msen.com
Message-ID: <2u2flccoc1@heifetz.msen.com>
Source record: 272920

Ok, here is the problem. While using the tape output to record, there is a pulse about every 10 seconds or so while scanning. Through the speaker you can hear it but you have to turn the volume up full and still then it's barely audible. Through the tape output the amplitude is such that it trashes any attempt to use a vox tape recorder. Once the squelch is broken, it isn't there. Now that I think about, it happens with my pro-34 as well while using the ear jack. What's wrong besides the equipment being Radio Shack?? The only mod I've performed so far has been the cellular restoration. Any ideas or hints will be appreciated.

Thanks,
Bill Koechig, N8PKA
Pontiac, MI

5273. Re: Help Please (seeking scanner!)

Newsgroup: rec.radio.scanner
Date: 1994-06-19 22:12:16 UTC
From: bass@cais.cais.com
Message-ID: <2u2fs0$qpo@sun.cais.com>
Source record: 272777
Cross-posted to: alt.radio.scanner,rec.radio.scanner

My advise is not to worry about how difficult the mod is. Most all mods
are difficult on surface mount boards. Buy the scanner you like, print
out the mods, go visit your local radio/TV repair shop and pay the
$20 bucks to move a few diodes or change a jumper. You don't have
to tell the technician what the mod is for. Just say .."please
move diode d3 to d5..." I want to change the performance a little.

If you don't have the equipment and experience is microelectronics and
surface mount..DO NOT do the mod yourself. Help your local economy
and make a new friend at the local repair shop. You won't regret it!

Dave Pozniak (eth@tiamat.umd.umich.edu) wrote:
: I have NEVER had a scanner before but because of recent events at my
: home, detroit area, have bcome very interested in getting one. I have
: looked a radio shack model pro-2032 but having NO electronic exprience I
: found that the mod would be very hard for me to do! (cutting wire is
: different from unsodering a part and replacing it!) I asked about the
: pro-2004 but the man had nothing to say.
: What I am after is if there is any place still offering the
: pro-2004 made before the Apirl deadline. Any numbers would help or
: comments on the modification for the pro-3032 (is it not THAT hard) Also
: when I buy it how do I tell its before the Apirl deadline?
: You can either post or email, any other info is greatly wanted
: (other better models)
: Dave
: eth@tiamat.umd.umich.edu

5274. Re: SCANNER BAN COMING

Newsgroup: rec.radio.scanner
Date: 1994-06-19 22:12:27 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cro0Cs.8Er@freenet.carleton.ca>
Source record: 272922

In a previous article, chuck.zeps@dt-can.com (Chuck Zeps) says:

>--
>From a CANADIAN PRESS article of Friday 17 June 1994
>--
>
> PHONE SCANNERS LIKELY TO BE BANNED
>
>OTTAWA - Chances are "very high" the government will ban digital
>scanners that pick up cellular and cordless phone conversations,
>says Jon Gerrard, secretary of State for science and technology.
> The Federal advisory council on the information highway is
>poised to recommend outlawing manufacture and sale of the scanning
>devices - advice the government is likely to accept, Gerrard said
>Thursday.
>"I think the case was made very eloquently and quite convincingly",
>he said at the conclusion of the councils second full meeting.
> The 30 member council, appointed this spring, is advising the
>government on the so-called information highway - the burgeoning
>web of telephone, cable, satellite and computer networks.
>
>SECURITY ISSUES: " The Government is very concerned about privacy
>and security issues," said Gerrard, who attended the two-day meeting.
> There are more than one million cellular phones, well over two
>million cordless phones and some 900,000 analog scanners across
>Canada.
> The wireless phone industry is shifting to digital signals that
>can't be picked up by cheap analog scanners.
> But some are concerned that scanners capable of decoding digitized
>voice communications could soon become common in corner electronic
>stores.
> Legislation would nip the new breed of scanner in the bud , said
>Gerrard.
> "There's no point in people investing money developing commercial
>digital scanners if that's the direction were going to go," he said.
> "And I suspect , based on the recommendations of the council, that
>the chances of that are very high."
>
>[...]
>=
>chuck.zeps@dt-can.com
>=
>::

>:::c.zeps@genie.geis.com:::NsAc4sEmTeXpEtNbOmBcLiNtOnSsDeAbAtF:::
>:::CDN.Assn.Rocketry S155::kGbGrUcSiSrCmPdOdsPeTzNaZiJeWmOsSaD:::
>:::VE3SMN:::NRA Member:::::@8F@CoCaMeXcArTeLgOvDoPeBuShMeNaGuN:::::::
>::
>---
> • TNet 3.90 • USENET| The Obelisk BBS | London, Ont.| 519.6790021
>

I read the same thing in the Ottawa Citizen on Friday 17, June 1994 it
was pointed out in the article that the use of scanners in Canada IS
LEGAL... so they are talking about banning a legal product... More of
the lobbying of the cell phone companies... If they pointed out that
the cell phones are radios, and can be monitored by anyone with a
scanner (or even an older TV with channels 72 -83) then maybe a few
people would would be a little bit more careful in what they say on the air.
A funny thing happened to my PRO-2005 scanner, a diode somehow fell out
;-> and all the cell phones started to come through

--

Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

5275. Ottawa, Canada Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-19 22:29:05 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cro14H.8x6@freenet.carleton.ca>
Source record: 272923
Cross-posted to: alt.radio.scanner,rec.radio.scanner

For the new scanner user, this should get you started....

RADIO FREQUENCIES, OTTAWA AREA

Frequency(Mhz) User Remarks

POLICE SERVICES

142.0950 Ottawa Police, ch.1 Zones 3 & 4
142.4850 Ottawa Police, ch.2 Zones 1 & 2
142.7250 Ottawa Police, ch.3 Tactical
142.9950 Ottawa Police, ch.4 Traffic
142.7700 Ont. Police, common Inter-service
139.6800 Ottawa Police, ch.6 Simplex
142.2300 Ottawa Police, CADRE MDT's
139.5300 Police usage Simplex
139.5450 police usage Simplex
142.3350 Nepean Police, main 142.770 ch.2
407.0375 Nepean Police, CADRE MDT
142.6350 Gloucester Police, ch.1
139.7700 Gloucester Police Simplex
149.6500 Military Police Secondary
173.2500 Military Police Main
155.7000 N.Y. State Police? Watertown area

141.4350 O.P.P. Kanata Detachment 139.1550 mobile
141.4500 O.P.P. Rockcliffe 139.2000 mobile
142.8300 O.P.P. 139.3950 mobile
141.6900 O.P.P. 139.4550 mobile
143.6550 O.P.P. 139.0650 mobile
140.9700 O.P.P. Simplex

FIRE SERVICES

159.3900 Ottawa Fire (digital) Station Call
154.3700 Ottawa Fire, ch.1 Back-up
154.8300 Ottawa Fire, ch.2 Fireground
155.5500 Ottawa Fire Non-emerg use
154.8900 Nepean Fire
155.6100 Gloucester Fire
149.3500 CFB Uplands Fire Airport
154.1750 Local Fire Depts. Rural
153.8300 Local Fire Depts. Rural
154.1900 Ont Fire Marshall

AMBULANCE SERVICES

129.2750 (am mode) Air Ambulance Dispatch
413.6875 Air Ambulance
150.1000 Ont Ambulance, ch.1
154.5400 Ont Ambulance, ch.2
148.2100 Ont Ambulance, D.1 Dispatch
155.0400 Ont Ambulance, D.2 Dispatch
149.6050 Ont Ambulance Tactical
149.4400 Ont Ambulance Pagers
149.1700 Ont Ambulance Simplex
413.6875 Ont Amb. mobile repeater Handheld to veh
413.8625 Ont Amb. mobile repeater Handheld to veh
415.2375 Ont Amb. mobile repeater Handheld to veh
416.8625 Ont Amb. mobile repeater Handheld to veh
418.7625 Ont Amb. mobile repeater Handheld to veh

BY-LAW SERVICES

155.4000 Ottawa Parking Control "Hornets"
169.7400 Ottawa Parking Control "Hornets"
154.6300 Nepean By-law

TOWING

165.9900 CAA Service
167.9100 Gervais Towing
451.1500 Kornell's Towing
451.1750 Tow Busters
152.2700 Nepean-Kanata Towing
451.3500 Gloucester Towing

MISCELLANEOUS

463.7625 Ottawa Citizen, photo
148.6500 Ont Emergency Planning
149.6200 XM-49er's
162.1500 REACT

TRANSPORTATION

169.5450 A-1 Taxi
163.9500 Blue Line Taxi
167.1300 Blue Line Taxi
166.1100 Blue Line Taxi, digital Dispatch
166.3500 Blue Line Taxi, digital Dispatch
162.5100 Capital Taxi
165.0300 Capital Taxi
150.8750 Cyrville Taxi

411.1250 OC Transpo, ch.1
412.1500 OC Transpo, ch.2
410.1375 OC Transpo, ch.3
411.4375 OC Transpo, ch.4
410.1375 OC Transpo, ch.5
411.9375 OC Transpo, ch.6

410.6375 OC Transpo, ch.7
411.7875 OC Transpo
411.4875 OC Transpo (Para Transpo)
411.6375 OC Transpo, Security "Bus Police?"

These Air Band frequencies can be monitored in the Ottawa area...

OTTAWA INTERNATIONAL

1)135.15 Ottawa Terminal
2)247.0
3)118.8 Tower
4)236.6
5)120.1 North Field
6)128.175 Departure
7)252.5
8)121.9 Ground
9)275.8
10)149.2150 Ground Vehicles
11)308.7 Base Ops
12)131.35
13)344.6 Base Metro
14)41.5450 Panther Ops
15)135.15 Terminal(Rpt)
16)118.8 Tower(Rpt)
17)123.45 Air - Air
18)333.0
19)149.35 Uplands F.D.
20)173.25 MP's
21)119.4 Clearance Del.
22)283.5
23)127.7 Arr. (Discrete)
24)356.6
25)410.9875 RCMP
26)413.2875 RCMP
27)413.0625
28)129.0750 MOT Dispatch
29)129.2750 Air Ambulance
30)123.15 Gatineau FSS
31)126.7
32)255.4 BTV FSS
33)364.2 NORAD Dispatch
34)276.5 A/A Refuel
35)311.0 ACC Command Pst
36)321.0
37)268.0 Trenton Ops
38)278.5 Ott Term Pembr.
39)243.0 Emergency
40)282.2 Boston Center

BOSTON CENTER

31) 135.55 MELROSE
32) 370.9
33) 281.5
34) 120.35 TURIN
35) 123.875
36) 135.25
37) 133.25
38) 279.5
39) 321.3
40) 322.0
41) 323.0
42) 377.1
43) 380.3 (GUARD)
44) 121.35 LAKE GEORGE/LEB
45) 128.325
46) 133.625
47) 348.7
48) 354.1
49) 393.3
50) 135.7 BERLIN
51) 282.2
52) 135.075 UTICA
53) 381.65
54) 134.7 LEB
55) 381.4
56) 135.32 WOODSTOCK
57) 277.4
58) 133.95 CLEVE - HI
59) 353.7
60) 135.77

NEW YORK AND VERMONT AIR

61) 122.2 MONTPELIER RDO
62) 122.6
63) 123.6
64) 255.4
65) 121.1 BURLINGTON APP (E)
66) 396.1
67) 126.3
68) 360.8
69) 293.7 MAPLE OPS BURL ANG
70) 239.8 PLATTS AFB METRO
71) 372.2 PTD COMMON
72) 344.6 METRO COMMON
73) 126.65 GRIFFISS APP (E)
74) 353.6
75) 124.2 SYRACUSE APP/DEP(N)
76) 279.6
77) 379.5 SYRACUSE ANG OPS
78) 38.50 SYRACUSE ARMY OPS
79) 245.3

80) 311.0 SAC
81) 321.0 SAC EMERG
82) 126.2 FT DRUM ADVS
83) 38.30 FT DRUM OPS
84) 120.7 PLATTS VFR ADVS
85) 132.17 NY CTR
86) 381.3 TAC
87) 349.4 MAC
88) 264.9 NORAD
89) 288.2 DRAGNET VICTOR
90) 313.

MONTREAL AND TORONTO CTR

91) 132.35 MTL CTR - LO
92) 133.22 HI
93) 134.4 HI
94) 229.2
95) 245.0
96) 294.0
97) 133.7
98) 134.15 MONTREAL ARR
99) 132.85 MONT LAURIER
100) 133.7 GATINEAU
101) 266.8
102) 132.55 SHERBROOKE
103) 226.0
104) 135.9 ST HUBERT OPS
105) 268.0
106) 124.92 TORONTO CTR
107) 236.8
108) 135.05
109) 398.4
110) 134.575
111) 374.5
112) 127.0
113) 294.5
114) 132.375 NORTH BAY
115) 353.6
116) 127.25
117) 135.5
118) 233.4
119) 325.8
120) 285.7

73's

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

5276. Help requested on handheld purchase

Newsgroup: rec.radio.scanner
Date: 1994-06-19 23:07:26 UTC
From: mud@leland.Stanford.EDU
Message-ID: <2u2j3e$23d@nntp2.Stanford.EDU>
Source record: 272924
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

Hi. I have been considering buying a scanner recently. In the (near?)
future I will also probably see about becoming amateur licensed...
As such, I was hoping to solicit opinions on a couple of
scanner(/transceiver) handheld units that seem to offer the features
I want:

- ICOM 2SRA (2M transceiver, 50-900Mhz receiver)
Sounds like a great combination for my needs, but the local
(note that I live in Vancouver, British Columbia) radio
outlets say that at best it is mediocre as a transceiver and
as a scanner...

- Yaesu FT-530 (2M transceiver & 440Mhz transceiver)
Reccomended to me by a local radio outlet as being a good
transceiver, and it can be modified to receive 108-180Mhz,
300-500Mhz, and 800-9??Mhz.
I'd really like to hear from anyone who owns this unit
about how useful it is as a scanner after being modified.

- Uniden Bearcat 2500XLT (wide coverage receiver)
Sounds like the best wide coverage scanner available for the
price. Local radio outfits reccomend it, but sell it for too
much. The file in the hamradio archive that describes how to
restore cellular reception for this unit warns that there may
be model(s) that are different from the one described by that
modification file. Has anyone actually seen one that cannot be
modified to restore cellular reception?

I'm told that the AOR scanners have too many intermod problems to be
useable in my local area. The Yupiteru MVT7100 sounds nice, but is too
expensive for me for just a scanner. The "Trident"(/Camnis) models that
Ace advertises sound nice featurewise, but I'm concerned that I would
not be able to restore cellular reception on any of them (again, though
this is posted from Stanford, I live in British Columbia).

Currently I'm leaning towards the Yaesu FT-530, as long as I can be
reassured that it will make a fairly decent scanner in it's extended
receive frequency ranges.

Thanks in advance for any help in making my decision!

[Richard Postgate]
mud@mud.stanford.edu
richardp@unixg.ubc.ca

5277. Re: Is a Pro-39 Any Good?

Newsgroup: rec.radio.scanner
Date: 1994-06-19 23:16:51 UTC
From: amendola@phakt.usc.edu
Message-ID: <2u2jl3$gfg@phakt.usc.edu>
Source record: 272775
Cross-posted to: rec.radio.scanner,alt.radio.scanner

kbarger@cellar.org (Kyle Barger) writes:

>robert.gruen@sdrc.com (robert gruen) writes:

>> I have recently purchased a Radio Shack Pro-39 Scanner and I was basically
>> wondering if I made a good purchase or not

>I've had one for about a year, and I really like it. Plus the price was
>right--on sale for $200 at the time I bought it.

Are there two models? One with Hyperscan and one without?

If so, what's the expected price difference between the two?

If not...*blush*...my mistake.
--
| a man entered new delhi overtly laughing at some confused female.
| unknowingly she continued eating deviled umlauts.
`--> amendola@scf.usc.edu restore my faith in mankind; understand this .sig

5278. Readership Report for the Radio-Related Usenet Newsgroups

Newsgroup: rec.radio.scanner
Date: 1994-06-19 23:34:08 UTC
From: pschleck@unomaha.edu
Message-ID: <1994Jun19.233408.28299@news.unomaha.edu>
Source record: 272776
Cross-posted to: rec.radio.amateur.misc,rec.radio.shortwave,rec.radio.scanner,rec.radio.info

The following is reprinted from news.lists, with only the radio-related newsgroups (and the first newsgroup for comparison) included.

>From: reid@decwrl.DEC.COM (Brian Reid)
>Newsgroups: news.lists
>Subject: USENET Readership report for May 94
>Date: 17 Jun 1994 21:41:36 -0700
>Organization: DEC Network Systems Laboratory
>Summary: data for all groups
>Keywords: arbitron, statistics, full

This is the full set of data from the USENET readership report for May 94.
Explanations of the figures are in a companion posting.

```
+-- Estimated total number of people who read the group, worldwide.
| +-- Actual number of readers in sampled population
| | +-- Propagation: how many sites receive this group at all
| | | +-- Recent traffic (messages per month)
| | | | +-- Recent traffic (megabytes per month)
| | | | | +-- Crossposting percentage
| | | | | | +-- Cost ratio: $US/month/rdr
| | | | | | | +-- Share: % of newsrders
| | | | | | | | who read this group.
V V V V V V V V
1 680000 5687 91% 27 0.3 31% 0.00 11.3% news.announce.newusers
482 83000 693 76% 1104 2.5 6% 0.03 1.4% rec.radio.shortwave
496 82000 682 76% 1847 3.9 7% 0.05 1.4% rec.radio.amateur.misc
663 71000 591 75% 760 0.8 6% 0.01 1.2% rec.radio.swap
1086 52000 433 73% 391 0.9 6% 0.02 0.9% rec.radio.amateur.policy
1097 52000 430 50% 380 0.5 15% 0.01 0.9% alt.radio.scanner
1233 47000 387 72% 251 0.3 8% 0.01 0.8% rec.radio.cb
1255 46000 382 62% 540 0.7 13% 0.01 0.8% rec.radio.amateur.equipment
1257 46000 381 73% 118 0.2 21% 0.00 0.8% rec.radio.noncomm
1313 44000 366 66% 272 0.7 75% 0.02 0.7% rec.radio.info
1330 43000 360 63% 437 0.9 5% 0.02 0.7% rec.radio.amateur.digital.misc
1342 43000 358 52% 421 1.0 6% 0.02 0.7% alt.radio.pirate
1368 42000 352 68% 446 0.9 1% 0.02 0.7% rec.radio.broadcasting
1371 42000 352 60% 1217 2.0 4% 0.04 0.7% rec.radio.scanner
1463 39000 326 61% 433 0.7 5% 0.02 0.6% rec.radio.amateur.antenna
1483 39000 32 61% 140 0.5 8% 0.01 0.6% rec.radio.amateur.space
1512 38000 313 62% 290 0.4 14% 0.01 0.6% rec.radio.amateur.homebrew
2240 22000 180 39% 310 0.3 41% 0.01 0.4% alt.radio.networks.npr
2308 20000 169 30% 18 0.0 29% 0.00 0.3% rec.ham-radio.swap
2384 19000 157 46% 19 0.0 6% 0.00 0.3% rec.radio.amateur.packet
```

2661 14000 116 30% 16 0.0 20% 0.00 0.2% rec.ham-radio
2670 14000 114 29% 55 0.1 0% 0.00 0.2% alt.radio.digital
3039 7300 61 18% 63 0.2 8% 0.01 0.1% aus.radio

Several positive trends continue this month. Readership is up dramatically in all active newsgroups (closely following Usenet's predicted exponential growth patterns). This month, rec.radio.shortwave trades places with rec.radio.amateur.misc as the the number-one rec.radio.* newsgroup. Other newsgroups with extremely strong showings are rec.radio.swap and rec.radio.amateur.policy (meeting their respective goals of keeping for-sale messages and extended legal debate out of the main discussion newsgroup). Currently, rec.radio.amateur.equipment leads the other new rec.radio.amateur newsgroups by a slight margin, although all are roughly at the same order of magnitude. The recently-created rec.radio.scanner is slowly gaining in readership as well, its propagation having surpassed alt.radio.scanner, which it supersedes. Recently, a cancel message was sent out for alt.radio.scanner (which wasn't superseded by a forged rmgroup this time) and appears to have been obeyed at many sites (Although clearly many sites and readers consider it to be an active newsgroup according to its readership statistics, underscoring the point that alt.* newsgroups, even those superseded by valid mainline newsgroups, are very hard to remove, and those proposing new newsgroups should carefully consider the hazards of potentially junking up the newsgroup namespace with trial alt.* groups).

It is expected that the newly-created newsgroups will continue to grow in readership like previously-created newsgroups such as rec.radio.info and settle out at about 60-70% propagation. If these new radio-related newsgroups still haven't reached your site, please ask your news administrator to create them (refer him/her to the new newsgroup announcements by Dave Lawrence in news.announce.newgroups or the messages posted to the new newsgroups piling up in "junk" :-). Especially point out to him/her that cost/per-reader/per-month is significantly down in all newsgroups.

The defunct newsgroup rec.radio.amateur.packet has been rmgrouped as of September 21st, 1993, and is no longer connected to the PACKET-RADIO mailing list. Netters interested in packet-radio discussion should use rec.radio.amateur.digital.misc and the HAM-DIGITAL mailing list. Propagation and readership continues to drop in the old newsgroup, which is currently in last place among all the rec.radio newsgroups. If this newsgroup still appears at your site, ask your news administrator to rmgroup it.

Note also that the defunct rec.ham-radio hierarchy reappears this month. If the newsgroups are still active at your site, please try to persuade your your news administrators to delete them as these groups have been rendered obsolete (for well over 3 years now) by the rec.radio.amateur hierarchy.

--
73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu

5279. Re: Help w/2006

Newsgroup: rec.radio.scanner
Date: 1994-06-19 23:43:40 UTC
From: copeland@metronet.com
Message-ID: <Cro4Kt.C07@metronet.com>
Source record: 272784

In article <2u2flccoc1@heifetz.msen.com>,
B Koechig <koechig@garnet.msen.com> wrote:
>
>Ok, here is the problem. While using the tape output to record, there is a
>pulse about every 10 seconds or so while scanning. Through the speaker you
>can hear it but you have to turn the volume up full and still then it's
>barely audible. Through the tape output the amplitude is such that it
>trashes any attempt to use a vox tape recorder. Once the squelch is broken,
>it isn't there. Now that I think about, it happens with my pro-34 as well
>while using the ear jack. What's wrong besides the equipment being
>Radio Shack?? The only mod I've performed so far has been the cellular
>restoration. Any ideas or hints will be appreciated.

The trouble is that you are using "line" level output of the 2006 to
drive a mic input on the recorder. Line level is *much* higher than
mic level. You need an attenuating cable. Radio Shack carries one
I believe.

--

| copeland@metronet.com |

5280. Italy/Israel/Michigan Scanner Freq's?

Newsgroup: rec.radio.scanner
Date: 1994-06-19 23:44:39 UTC
From: an648@FreeNet.Carleton.CA
Message-ID: <Cro4MF.BGD@freenet.carleton.ca>
Source record: 272778

Hey there!

I hope someone can help me out. I am going to Italy and
Israel this summer and I always like to be up on what's going on.
If anyone has frequencies for these two countries, I would be
grateful if you could send them to me at:
an648@freenet.carleton.ca
Thanks in advance-

Bob Beresh

P.S.
If anyone has a recent Michigan list, it always helps.

Thanks Again.
--
****
* BOB BERESH *** " Infiltrate and Initiate" *
* an648@freenet.carleton.ca *
****

5281. FD Frequencies for SE Mass

Newsgroup: rec.radio.scanner
Date: 1994-06-20 00:09:13 UTC
From: AJC100U@ODUVM.BITNET
Message-ID: <94170.200913AJC100U@ODUVM.BITNET>
Source record: 272808

I'm looking for new FD frequencies for SE Mass, specifcally for:
New Bedford
Acushnet
Fairhaven
Dartmouth
Westport
Fall River

Thanx for the assist...

5282. Bearcat 100xlt Mod

Newsgroup: rec.radio.scanner
Date: 1994-06-20 01:27:19 UTC
From: David Simon <David.Simon@mixcom.mixcom.com>
Message-ID: <1994Jun20.012719.12816@mixcom.mixcom.com>
Source record: 272791

Hello all
Could someone out there please email instructions on how to modify a bearcat 100xlt scanner to pickup cellular phones or point me to a FAQ that might have it. Either way is good.
Thanks
David

--
David.Simon@mixcom.com
Do you know Dave? Everyone knows Dave...Get to know Dave!!!!

5283. Re: Who sells Yupi's,anyone in U.S.?

Newsgroup: rec.radio.scanner
Date: 1994-06-20 02:15:28 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Jun19.181528.4184@cmkrnl>
Source record: 272786

In article <2u2fjd$2lp@panix3.panix.com>, schuster@panix.com (Michael Schuster) writes:
> EDCO (EEB) has a cell-blocked AR8000 in the lab. They may distribute it
> here this fall; if the scanner proves to be as good as it looks on paper,
> you might pass by the MVT-7100 anyway.

Since (according to most reviewers without financial interest) AR has yet to
sell *any* scanner that's as good as it looks on paper, I won't hold my breath
for this one.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

5284. Re: Help w/2006

Newsgroup: rec.radio.scanner
Date: 1994-06-20 02:33:59 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jun19.213359.2502@hnrc.tufts.edu>
Source record: 272785

In article <2u2flccoc1@heifetz.msen.com>, koechig@garnet.msen.com (B Koechig) writes:
> Ok, here is the problem. While using the tape output to record, there is a
> pulse about every 10 seconds or so while scanning. Through the speaker you
> can hear it but you have to turn the volume up full and still then it's
> barely audible. Through the tape output the amplitude is such that it
> trashes any attempt to use a vox tape recorder. Once the squelch is broken,
> it isn't there. Now that I think about, it happens with my pro-34 as well
> while using the ear jack. What's wrong besides the equipment being
> Radio Shack?? The only mod I've performed so far has been the cellular
> restoration. Any ideas or hints will be appreciated.

I use my 2006 with a VOX recorder on a regular basis without ever having had
the problem you describe. If that were all there were to it, I might think you
have a defective unit. But with it happening on the 34 as well, I have to ask
if you've ruled out RFI. Can you borrow another unit or two to see if they
experience the same problem at your location? Does it happen simultaneously
for both units when they're both running?

5285. Re: PRO36 Questions / Mods ?

Newsgroup: rec.radio.scanner
Date: 1994-06-20 03:21:46 UTC
From: Felix Ng <fng@yvr.cyberstore.ca>
Message-ID: <BK.BW.772082512.1103527590.fng@yvr.cyberstore.ca>
Source record: 272790

Reply:

> -=> Quoting Chris Smolinski to All <=-
>
> CS> I just purchased a used PRO-36, and have some questions. The scanner
> CS> didn't come with a manual. I've been able to figure most things out,
> CS> except for searching. I can't do anything except get it to search
> CS> either up or down from a frequency - I can't get it to search BETWEEN
> CS> two limits.
> CS> Also, are there any mods for this scanner? Extra channels, faster
> CS> scanning, expanded freqeuncy coverage, etc?

I don't think you can search between limits with this scanner. It's
either up or down.

Felix
--
Felix Ng - Vancouver, British Columbia, Canada | THANKS CANUCKS!!!
fng@acca.nmsu.edu / Fax: 604-322-5936 / VE7YDG / D.G.I.F. #8767

5286. Pro-46 for sale w/ cell mod

Newsgroup: rec.radio.scanner
Date: 1994-06-20 03:46:01 UTC
From: merlin@ripco.com
Message-ID: <CroFsp.8vB@rci.ripco.com>
Source record: 272787

Radio Shack PRO-46
Hand-held, 5.875x2.625x1.5
Box and manuals
100 channels in 10 banks
10-channel monitor bank
Weather key
29-54, 108-136.975, 137-174, 406-512. 806-956

The cellular restoration mod has been preformed so you do got full 800mhz coverage. I'm looking to upgrade to a PRO-2006, so if you've got one and want to downgrade to a hand-held or got a spare you want to trade, or if you just have one for sale, I'm interested.

Best offer takes it.

--

| Brian Newman |
| merlin@rci.ripco.com |

5287. Police got court order for OJ's cell phone

Newsgroup: rec.radio.scanner
Date: 1994-06-20 05:51:18 UTC
From: jenkins@ucrvms.ucr.edu
Message-ID: <2u3aom$dve@galaxy.ucr.edu>
Source record: 272788

The news tonight said the police server a court order on Air Touch (PacTell) to get the location and phone contents info...

5288. Scanner recommendations...

Newsgroup: rec.radio.scanner
Date: 1994-06-20 07:41:30 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9406200105.AA150431@f217.n202.z1.fidonet.org>
Source record: 272792

JR> Im looking for a good scanner that picks up 800mhz and can be
easily
JR> modified to restore the full 800mhz capibilities. Im looking at
the
JR> Pro-2006, but is this unit easily modified? Is there any other
units

The 2006 is the EASIEST scanner to modify. Get one quick, they won't
be around much longer!

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

5289. Re: OJ Manhunt Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-06-20 07:43:48 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9406200105.AA150432@f217.n202.z1.fidonet.org>
Source record: 272793

JWH> There were MANY violations of the UNIFORM CODE 705. Isn't that what
JWH> media is all about though? ..Do not divulge what you hear to anyone who JWH> is not a party to it.. ?? How should we interpret this law? Obviously JWH> the media circus choked on this one.

Lets see... Freedom of the Press is in the Constitution, not divulging what you hear on a police radio is JUST a law, you tell ME which carries more weight...

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

5290. Chicago & Soldier Field Freq. NEEDED

Newsgroup: rec.radio.scanner
Date: 1994-06-20 08:53:47 UTC
From: x90diget@wmich.edu
Message-ID: <1994Jun20.045347.18947@wmichgw>
Source record: 272810

I went to the Pontiac Silverdome last Saturday for the World Cup soccer game and wished I had some freq. Just about everybody working there had some sort of radio.

I am going to Soldier Field in Chicago on Sunday (26th). Does anybody have freq. for 1) stadium security, 2) TV or radio stations that might be broadcasting from the field, 3) Any other freq. that might be of interest?

Also, I assume that Chicago police are on a 800 trunked system. Is that correct? If so does anybody have the frequencies for them?

Since I am rather new scanning, What bands should I search on if I don't get any response? Any help would be appreciated.

****
Derek L. Diget Work: 616.388.8519 or 800.878.3882 ext. 8519
Fax: 616.388.5151
Western Michigan University InterNet: x90diget@wmich.edu
****

5291. OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-20 10:14:56 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9406200503.AA150433@f217.n202.z1.fidonet.org>
Source record: 272798

RMF> BTW:) How long do you think it will be before the LA police
encrypt
RMF> their radios, they must have been pissed about everything that
happened.

L.A. PD is in the first stages of installing a new 800 mhz trunked
radio system, that will have DIGITAL voice comms. Try monitoring
THAT...

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

5292. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-20 10:27:42 UTC
From: devil@netcom.com
Message-ID: <devilCroyE6.CA0@netcom.com>
Source record: 272794

Neil Weisenfeld (weisen@alw.nih.gov) wrote:
: With regard to the comment that
: someone else made about OJ being tracked by his cellular transmissions,
: I *think* that you misunderstood. The *police*, apparently with
: cooperation from the cell service company, tracked OJ.

I'm sure the police and PacTel (Airtouch) were on him fast. Tracking a cell-phone might not even be considered 'tapping' a phone line if they claim they did not listen to the conversation. Maybe OJ will use this in court. It's easy to trick that DA, as we've all seen in the past. As for tracking a cell phone, I have a PacTel(Airtouch) Teletrac in my car which uses the same cell sites as the phones. Pac tel can tell me where my car is down to the cross streets in less than a minute when I call them. They definitely know what they're doing!

5293. Re: This a Great Newsgroup!

Newsgroup: rec.radio.scanner
Date: 1994-06-20 10:44:13 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.332.000ABCF7@ccm.hf.intel.com>
Source record: 272821

In article <2u1ig0$ovl@sun.cais.com> bass@cais.cais.com (Tim Bass) writes:

>Of the 50 technical newsgroups that I enjoy, this one is one of the best.

>Question:

>Can someone provide a list of other good technical newsgroup that relate to
>electronics?

>Also, I heard there is a packet radio group but I don't know the name. Could
>someone please forward that info?

Try: sci.electronics
and rec.radio.amateur.packet
Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5294. ANTENNA (HORIZ VS VERTICAL)

Newsgroup: rec.radio.scanner
Date: 1994-06-20 11:00:11 UTC
From: jeff.wright@chrysalis.org
Message-ID: <9406201100.0FGH001@chrysalis.org>
Source record: 272853

Greetings!!!

I have a question about magnetic mount antennas...

I had a scanner antenna mounted vertically on the roof of my truck,
but got tired of hearing it hit the garage door as I went in and out.

I mounted the antenna behind the seat of the truck, horizontally so that
it is sticking to the side of the cab (and looking out the rear window).

The question is does mounting the antenna horizontally greatly reduce
the number of signals I will see? I seem to remember something from my
college physics classes about waves and how they travel...either vertically
or horizontally oriented.

Also, does the metal in the cab of the truck knock out a lot of signals?
I wouldn't think so...the cab is enclosed on all four sides by glass.

Any thoughts are appreciated.

jeff.wright@chrysalis.org

5295. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-06-20 11:01:39 UTC
From: steven@sgb.oau.org
Message-ID: <Crozys.3M1@sgb.oau.org>
Source record: 272809

Kenneth J Morrill (kmorrill@brahms.udel.edu) wrote:
: Please e-mail me if you know of a source in the United States that
: still sells the full-coverage Icom R-7100. Thank you heartily.
: Sincerely,

Does anyone knew if the R-7100 has a D.C. jack for 13.8v (mobile
type power)?

If so, you may be better off checking an overseas supplier and only
purchase the (not banned) 13.8v D.C. to 120v A.C. mains adapter in the U.S.
This would permit 800-900mhz reception, uninterrupted.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5296. Re: Skip

Newsgroup: rec.radio.scanner
Date: 1994-06-20 11:10:02 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.333.000B2B2B@ccm.hf.intel.com>
Source record: 272822

In article <2u2c6g$lar@clarknet.clark.net> phyllis@clark.net () writes:

>On Saturday I wa slistening to 154-155. I was receiving signals from
>Pa,Delaware and New Jersey. I live in Baltimore. The time was about 7pm,
>is this what is known as skip?
>Thanks, Phil

In this frequency range, this is called ducting (or troposheric ducting). It is different from "skip" or sporadic E, in that the signals are not bouncing off the ionosphere but rather "hug" the ground because of realtive temperatures and other factors.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5297. Magnetic mount antenna question...

Newsgroup: rec.radio.scanner
Date: 1994-06-20 11:41:31 UTC
From: Tim.Stammers@dartmouth.edu
Message-ID: <2u3v9b$bmo@dartvax.dartmouth.edu>
Source record: 272795
Cross-posted to: rec.radio.scanner,rec.radio.cb

Does anyone out there know of something that can be put in between the surface of the vehicle and the magnet mount of the antenna, so that the antenna can be removed without damaging the paint? In the past I tried a piece of leather and another time a piece of felt, but neither one worked very well. Please post any ideas that you may have. Thanks in advance!

- Tim \\\|///
\\|// Tim.Stammers@Dartmouth.edu
0 0
-----uuu--U--uuu-----

5298. Re: This a Great Newsgroup!

Newsgroup: rec.radio.scanner
Date: 1994-06-20 11:53:18 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.334.000BE3C2@ccm.hf.intel.com>
Source record: 272819

In article <brett_miller.332.000ABCF7@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>>Also, I heard there is a packet radio group but I don't know the name. Could
>>someone please forward that info?

>Try: sci.electronics
>and rec.radio.amateur.packet

Oops! I just read Paul Schleck's posting on the radio groups. Since I no longer follow the packet group, I didn't realize that the the correct packet radio group is now rec.radio.amateur.digital.misc

rec.radio.amateur.packet is being phased out.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5299. Re: Bearcat 100xlt Mod

Newsgroup: rec.radio.scanner
Date: 1994-06-20 11:56:08 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.335.000BEFE3@ccm.hf.intel.com>
Source record: 272820

In article <1994Jun20.012719.12816@mixcom.mixcom.com> David Simon
<David.Simon@mixcom.mixcom.com> writes:

>Hello all
>Could someone out there please email instructions on how to modify a bearcat
>100xlt scanner to pickup cellular phones or point me to a FAQ that might
>have it. Either way is good.
>Thanks
>David

Can't be done. There's no 800MHz board in the 100XLT.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5300. OJ Manhunt Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-06-20 12:00:52 UTC
From: Brian_Johnson@f1010.n202.z1.fidonet.org
Message-ID: <9406200503.AA150434@f217.n202.z1.fidonet.org>
Source record: 272799

Don't forget UHF CLEMARS (460.025). That's where most of the freeway chase was heard on. Happy Monitoring...Brian.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

5301. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-06-20 12:04:42 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Jun20.120442.10489@rsd.dl.nec.com>
Source record: 272797

In article <2tsmvp$87k@brahms.udel.edu> kmorrill@brahms.udel.edu (Kenneth J Morrill) writes:
>Please e-mail me if you know of a source in the United States that
>still sells the full-coverage Icom R-7100. Thank you heartily.

In talking to the Icom folks at HAM-COM two weeks ago, they indicated that they were all sold. Icom shipped them all out to dealers several months ago. Tucker Electronics in Dallas bought a boatload but has long since sold them all. Several used equipment dealers (at HAM-COM) stated they they were selling above list on the used market. Same for the Yupi MVT-7100.

dave
==========
Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

In the absence of leadership, we have decided to follow ourselves.

5302. OJ scanner tapes

Newsgroup: rec.radio.scanner
Date: 1994-06-20 12:16:46 UTC
From: jcosiman@clark.net
Message-ID: <2u41be$gp4@clarknet.clark.net>
Source record: 272796

Did anyone record any stuff from a scanner during Friday's OJ Simpson Entertainment Hour? If so, I's like to get some copies of that. If what I'm asking is illegal - just politely e-mail me. No flames, PLEASE. I'm a new scannist and just don't know if it would be legal to get some tapes of recordings made from a scanner.

I'd prefer email a jcosiman@clark.net. Thanks...

--
+---------------------------------+
| John Cosimano, Laurel, MD USA |
| jcosiman@clark.net <--finger |
| jcosimano@his.com |
+---------------------------------+
Quote for June-
"Try not. There is no try. Do or do not."
-Yoda

5303. Re: Am I ham licensed?

Newsgroup: rec.radio.scanner
Date: 1994-06-20 12:51:14 UTC
From: leber@panther.warm.inmet.com
Message-ID: <Crp51E.D8x@inmet.camb.inmet.com>
Source record: 272800

> > While in college I was on the radio and was issued an FCC
> > Restricted Radiotelephone Operator Permit, Form 753-Part 2. It has a
> > grant date of Feb 12 1988. It states I am authorized to operate any
> > radio station which may be operated by a person holding this class of
> > license (per paragraphs 3454 and 3945 of the Radio Regulations, Geneva
> > 1979).

>It's a good thing you're refrained from using that Alinco, as the
>Restricted Permit only allows you to operate Commercial AM/FM radio
>stations. You still need an Amateur license to use it.

Does a Restricted Radiotelehone Operator Permit really allow you to operate
a Commercial radio station? I got mine when I was taking flying lessons -
at the time, it was necessary to operate an air band two-way for some
reason (don't remember why).

I always loved the 'this allows you to operate any radio which may be operated
by someone holding this' language.

Cheers,
Tom Leber
--
Tom Leber N3QKV <leber@warm.inmet.com> Intermetrics, Inc., Warminster PA USA
"Smother technology and it rebels." - Max Headroom

5304. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-20 14:01:25 UTC
From: cal@ee.ryerson.ca
Message-ID: <2u47fl$18no@hermes.acs.ryerson.ca>
Source record: 272801

Neil Weisenfeld (weisen@alw.nih.gov) wrote:
: Richard M. Flood (rflood@cis.umassd.edu) wrote:
: : I was watching CNN Friday night and one think stuck in my mind. Why
: : didn't any of the news teams pickup up OJ talking on his cellular
: : phone? I heard one TV guy say that he was listening to the police on

: Well, if *I* were the CNN reporter, I certainly wouldn't admit on TV to
: listeing to cellular as it's illegal. With regard to the comment that
: someone else made about OJ being tracked by his cellular transmissions,
: I *think* that you misunderstood. The *police*, apparently with
: cooperation from the cell service company, tracked OJ. It seems
: unlikely that the reporter's friend had the equipment to decode the
: control channel and tell where the cell was located. You may be right,
: but I'm guessing that you misheard.

I just heard an interview on the radio with a representitive from the
"umbrella group" that represents the cellular industry. He explained
how position tracking is done, and stated that call content is not
involved. A court order is needed to track position, but another court
order, presumably one more difficult to get, is needed to intercept the
conversation. The location tracking basically locates which cell site
the call is being picked up by plus monitoring of actual signal strength
which usually can get to within a mile of the location.

On another note, a Buffalo TV channel was airing thier own coverage instead
of the network feed and they had a reporter in LA by phone (pictures were
from various sources). The reporter had a scanner and was holding the phone
to the scanner's speaker when things came across. Now what was that law
about retransmitting scanner material....

--
Calvin Henry-Cotnam, CATE | "...My brain IBM"
Ryerson Polytechnic University | "So if you see me, acting strangely..."
Toronto, Ontario, Canada | STYX, Mr. Roboto
- -
"We've all been taught, all of us, that blacks and whites can't live together.
The reality is that interracial couples are as boring as anybody else. My
husband sits around the house and I tell him to pick up his socks. Once you
live with someone of another race, it's impossible to think of that race as
special or threatening or all that much different."

- Candy Mills, editor of "Interrace" magazine

5305. CNN & cellphone scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-20 14:17:30 UTC
From: warnickj@pentagon-hqdadss.army.mil
Message-ID: <2u48dq$e6a@ams.amsinc.com>
Source record: 272805

Did everyone see CNN's coverage of the west-coast murder story and
subsequent chase? This weekend, CNN was airing a recording of a cellular
911 call made from the Bronco the police were following.

Is cellphone monitoring illegal, or are the laws different for liberal news shows?
Do press credentials somehow confer more monitoring rights?
-jw

5306. Re: OJ Manhunt Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-06-20 14:32:16 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Jun20.143216.12347@alw.nih.gov>
Source record: 272802

Bud_Jamison@f1010.n202.z1.fidonet.org wrote:

: Lets see... Freedom of the Press is in the Constitution, not
: divulging what you hear on a police radio is JUST a law, you tell ME
: which carries more weight...

: --- ProBoard v2.01 [Reg]
: * Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

Thanks for the legal insight, but "Freedom of the Press" does not mean that
the press can print whatever they want. I'm not agreeing or disagreeing
with the legality of what was done, but your argument doesn't hold water.
You've heard of libel and slander, right?

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: +1 301 402 4030
Bethesda, MD 20892 Fax: +1 301 402 2867

5307. Re: Magnetic mount antenna question...

Newsgroup: rec.radio.scanner
Date: 1994-06-20 14:49:04 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1994Jun20.144904.15019@ke4zv.atl.ga.us>
Source record: 272817
Cross-posted to: rec.radio.scanner,rec.radio.cb

In article <2u3v9b$bmo@dartvax.dartmouth.edu> Tim.Stammers@dartmouth.edu (Tim) writes:
>Does anyone out there know of something that can be put in between the
>surface of the vehicle and the magnet mount of the antenna, so that the
>antenna can be removed without damaging the paint? In the past I tried
>a piece of leather and another time a piece of felt, but neither one
>worked very well. Please post any ideas that you may have. Thanks in
>advance!

Carnuba wax. Most materials you try will unacceptably reduce the required
capacitance coupling of the magmount to the vehicle body. This is what
gives the antenna it's necessary groundplane. A good heavy coat of carnuba
wax will prevent the bare *clean* magmount from scratching your car without
greatly affecting the capacitive coupling of the base to the vehicle.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

5308. Locating Cell phones

Newsgroup: rec.radio.scanner
Date: 1994-06-20 15:17:10 UTC
From: "Ben D. Hernandez" <b_hernandez@macsch.com>
Message-ID: <CrpBsn.JvJ@draco.macsch.com>
Source record: 272804

As I was listening to the O.J. saga unfold I heard a newsreader say that they had found O.J. by tracing his cell phone. I have heard for years that this was not possible. Have I been wrong all this time? I understand that you can trace the number, and you can triangulate the call, but on a moving vehicle?

-Thanks, Ben

5309. PRO-23 Mods???

Newsgroup: rec.radio.scanner
Date: 1994-06-20 15:35:52 UTC
From: Lee_Hines.M1@SMTP.esl.com
Message-ID: <Lee_Hines.M1-200694083859@m11004.esl.com>
Source record: 272803

Just picked up a Pro-23 from the Shack. Are there any mods available for
it?? Thanks in advance for any help. C-ya, Lee.

--
Lee Hines - Builder/Owner
Gator's Golf

Views expressed here are not necessarily those of my employer.

Go Gators - '91&'93 SEC Champs
Go Dolphins

(FSU.........just go
away)
Work is for people who don't fish, hunt or play
golf.

5310. SWL Net Mondays at 8:00

Newsgroup: rec.radio.scanner
Date: 1994-06-20 16:25:36 UTC
From: Joe_A._Walker@aardvark.bah.rochester.ny.us
Message-ID: <0005B068.fc@aardvark.bah.rochester.ny.us>
Source record: 272854

There will be a NEW net on the N2HJD repeater system. It will be every monday at 8:00 pm. The frequencies are 53.30, 146.925, somewhere on 220, 442.8,442.9, and 444.7mhz.
** Via the Aardvark Burrow BBS - 1-716-383-1372**

5311. Re: OJ Manhunt Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-06-20 16:48:39 UTC
From: Jon.Spewak@launchpad.unc.edu
Message-ID: <2u4h97$oe2@samba.oit.unc.edu>
Source record: 272807

In article <CrMn7I.F73@sgb.oau.org>, Steven Bradley <steven@sgb.oau.org> wrote:
> Wrong, a person can listen to the tape and hear the same first hand
> information you taped from the scanner. You are not attempting to
> profit from it, therefore since you are not "interpreting it" for
> someone and they are hearing the same info from the same source you
> did -- no law broken.

Curious. Two questions on the topic:

Is it legal for the media to tape audio from polics freqs and play it for
the public, after the event occurred?

Is it legal for someone to tape audio from a freq, say a distress call or
something, and sell the tape to the media?
--
-- --
Launchpad is an experimental internet BBS. The views of its users do not
necessarily represent those of UNC, OIT, the SysOps or Captain Picard.
-- --

5312. Bearcat 8500XLT

Newsgroup: rec.radio.scanner
Date: 1994-06-20 16:51:37 UTC
From: GRZYB@vaxa.cis.uwosh.edu
Message-ID: <01HDRI04757U0091KZ@vaxa.cis.uwosh.edu>
Source record: 272806

Date sent: 20-JUN-1994 11:29:11

I recently purchased a Bearcat 8500XLT from Scanner World. The unit suffered from interference all over the civil aviation band. Another contributor to this group guessed that it was intermod--it sounds like the interference I used to get on AM radio when running power tools. Scanner World replaced the unit, but the problem was heard with the replacement as well, so I'm returning it for a refund. What a shame! The 8500 has many features I really like, and that you won't find on many other units (e.g., the ability to switch a taperecorder, an alphanumeric display, a count function, etc.). The only dumb thing on it was the fact that the delay was global. This could have been THE great hobbyist scanner of the present.

I have a PRO2006 (which is much better in the basics than any scanner I've owned), but I still would like the count function and the tape recorder control, so I'm sending my old BC300 back to Uniden to see if it can be repaired. Does anyone else have experience with the 8500? Is it indeed particularly susceptible to the kind of interference I heard?

BTW, I also have a PRO32, a PRO37, and a PRO43. They keep getting more capable, but the one thing I've noticed is a decline in audio quality! My recording company (which produces steam locomotive and aviation sound recordings) relies very heavily on these scanners. We were reluctant to try Bearcat again after using Radio Shacks alone for the last decade or so. Our reluctance seems to have been justified.

Anyone who has advice regarding civil and military aviation transmissions, please contact me. And if anyone will be attending the EAA convention in Oshkosh this year (the world's largest aviation event), feel free to ask me for a list of UHF freqs that the EAA itself uses.

Gerry

Gerard J. Grzyb
Bitnet - grzyb@oshkoshw Internet - grzyb@vaxa.cis.uwosh.edu
==========
"To me, truth is not some vague, foggy notion. Truth is real. And, at the same time, unreal. Fiction and fact and everything in between, plus some things I can't remember, all rolled into one big "thing." This is truth to me." -- Jack Handey, Deep Thoughts, Saturday Night Live
==========

5313. Re: Sporadic E Opening to New England

Newsgroup: rec.radio.scanner
Date: 1994-06-20 17:33:10 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Jun20.173310.4927@rsg1.er.usgs.gov>
Source record: 272811

In article <771874009@f747.n115.z1>, Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
writes:
|> Yes, I heard the skip a bit last week. I was picking up transmissions
|> from Kentucky. I have occasionally picked up some fire dispatches 10 years
|> ago or so from New York in the 33 Mhz range, I believe.
|>

Wow that is really bizarre, picking up 10 year old transmissions ;-)

--
++
+ Tom Bodoh - Section Manager, Systems Engineering and Management, Hughes STX +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) Amateur radio call; N0YGT +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

5314. Re: Locating Cell phones

Newsgroup: rec.radio.scanner
Date: 1994-06-20 17:46:32 UTC
From: cal@ee.ryerson.ca
Message-ID: <2u4klo$g2f@hermes.acs.ryerson.ca>
Source record: 272813

Ben D. Hernandez (b_hernandez@macsch.com) wrote:
: As I was listening to the O.J. saga unfold I heard a newsreader say that
: they had found O.J. by tracing his cell phone. I have heard for years
: that this was not possible. Have I been wrong all this time? I understand
: that you can trace the number, and you can triangulate the call, but on a
: moving vehicle?

One thing we have heard for sometime is that calling 911 from a cell phone can be problematic if you cannot get your message through verbally. Most 911 systems have a call-trace feature where the operator has a location description on their screen before they even talk to the caller, so if something has happened to the caller, they can still dispatch a unit to the location. With cell calls, this is not possible because the phone number is really a number that the cell phone carrier owns and the number's "address" is that of the location where the cell network connects to the "wired" phone system.

Locating a cell call is possible, but it requires first a court order. The cell network must keep track of what cell site is communicating with the phone and this is the first step in locating the call. Cell sites are geographically smaller where the density of cell phones is greater, such as in a city. The next step that will pinpoint the location to within a few miles, is to check the signal strength. The final step is actual visual sighting (ie: looking for the caller on the road!).

--
Calvin Henry-Cotnam, CATE | "...My brain IBM"
Ryerson Polytechnic University | "So if you see me, acting strangely..."
Toronto, Ontario, Canada | STYX, Mr. Roboto
- -
"We've all been taught, all of us, that blacks and whites can't live together. The reality is that interracial couples are as boring as anybody else. My husband sits around the house and I tell him to pick up his socks. Once you live with someone of another race, it's impossible to think of that race as special or threatening or all that much different."

- Candy Mills, editor of "Interrace" magazine

5315. Re: CNN & cellphone scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-20 17:49:03 UTC
From: tharrell@nmsu.edu
Message-ID: <2u4kqf$gcv@dns1.NMSU.Edu>
Source record: 272812

JWarnick (warnickj@pentagon-hqdadss.army.mil) wrote:
: Did everyone see CNN's coverage of the west-coast murder story and
: subsequent chase? This weekend, CNN was airing a recording of a cellular
: 911 call made from the Bronco the police were following.

: Is cellphone monitoring illegal, or are the laws different for liberal news shows?
: Do press credentials somehow confer more monitoring rights?
: -jw

Did CNN tape the call off of the cell frequencies, or did they acquire a copy
of the 911 tape from the LAPD?

It does seem strange when the press does all these quasi-legal things under
"freedom of the press," yet we're not allowed to listen to their remote links.

T.J.

5316. Re: CNN & cellphone scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-20 17:55:04 UTC
From: ssouva@aol.com
Message-ID: <2u4l5o$g10@search01.news.aol.com>
Source record: 272814

In article <2u48dq$e6a@ams.amsinc.com>,
warnickj@pentagon-hqdadss.army.mil (JWarnick) writes:

> Did everyone see CNN's coverage of the west-coast murder story and
> subsequent chase? This weekend, CNN was airing a recording of a
cellular
> 911 call made from the Bronco the police were following.

> Is cellphone monitoring illegal, or are the laws different for
liberal news shows?
> Do press credentials somehow confer more monitoring rights?

I'd bet they got their recording from the law enforcement
authorities. Are all 911 calls recorded for the records? Check out
the "911" TV shows that always have a recording of the original
conversation.

This must have been scanner heaven! You can bet that my scanner
would have been searching through the "business band" of 800Mhz. :)

Scott Souva
KA2AEW / 7

E-Mail:
SSouva@SwRI.EDU
SSouva@AOL.COM

5317. Going Rate For Used Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-06-20 17:57:05 UTC
From: ceravolo@pegasus.montclair.edu
Message-ID: <ceravolo.772135025@pegasus.montclair.edu>
Source record: 272816

I have a RS Pro-2006 that I'm THINKING, I repeat just THINKING of selling. It's modified for cellular and in mint(never left the house) condition. I haven't seen any for sale recently on this group, so can you suggest a selling price. Remember, I'm not selling it I'm just curious how much they go for used.

Thanks,
Jim C.

5318. Opinions on UNIDEN BearTracker BC2

Newsgroup: rec.radio.scanner
Date: 1994-06-20 18:09:42 UTC
From: mccormac@mprgate.mpr.ca
Message-ID: <mccormac.11.001229EC@mprgate.mpr.ca>
Source record: 272848

Hi all,

I am considering adding a Beartracker to my collection of mobile scanners as I plan to do some major driving in Washington, Oregon, California, and Nevada this summer. I live in Vancouver, BC. I am hoping the Beartracker can do a few things for me (1) Act as claimed regarding its ability to locate police cars and (2) give me access to the aforementioned states, police, highway patrol and DOT frequencies without having to reprogram my main scanner (which is full of Canadian police, emerg, and highways freq.'s).

Does it do the above (2) things well? Could someone who has used this thing actually let me know how function (1) works? I understand it detects the mobile extender freq. but what does it do when it finds it? (ie. does it blare an alarm, flash a light, does it blare the alarm for the whole duration it is in range of the mobile extender, etc.) In other words how annoying is it and how ergonimically friendly is it (ie. am I going to ignore it after a few days because I find it annoyingly useless?).

Other items:
Will it be of any good whatsoever within Canada?
Will it's radar detection circuitry interfere with my Valentine1? (If so, any conjecture on how hard it will be to disable this circuitry?)
How much should I pay?

Thanks for any and all responses...

Chris K. McCormack Advanced Technology Division
mccormac@mprgate.mpr.ca MPR Teltech Ltd

5319. Re: Magnetic mount antenna question...

Newsgroup: rec.radio.scanner
Date: 1994-06-20 18:18:39 UTC
From: steve@acorn.co.uk
Message-ID: <2u4mhv$pls@acorn.acorn.co.uk>
Source record: 272815
Cross-posted to: rec.radio.scanner,rec.radio.cb

Tim (Tim.Stammers@dartmouth.edu) wrote:
: Does anyone out there know of something that can be put in between the
: surface of the vehicle and the magnet mount of the antenna, so that the
: antenna can be removed without damaging the paint? In the past I tried

Rubber boots are available. Or make a disk of thin rubber, I cut one
from an old inner tube which I scrounged from a local garage for the
sum of $0.00. Make sure that the magnet is strong enough to grip
securely through the rubber though. I found that the rubber made no
measurable difference to the SWR or signal from the aerial, but YMMV.

-- Steve
--
Steve Hunt Email: steve@acorn.co.uk IRC handle: Daff
Acorn Computers Ltd, Acorn House, Vision Park, Histon, Cambridge CB4 4AE
Note for the semi-literate: "as well", "in case" and "a lot" are all TWO words!

5320. Re: CNN & cellphone scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-20 19:10:53 UTC
From: lrk@netcom.com
Message-ID: <lrkCrpMM5.B0D@netcom.com>
Source record: 272818

In article <2u48dq$e6a@ams.amsinc.com>,
JWarnick <warnickj@pentagon-hqdadss.army.mil> wrote:
>Did everyone see CNN's coverage of the west-coast murder story and
>subsequent chase? This weekend, CNN was airing a recording of a cellular
>911 call made from the Bronco the police were following.
>
>Is cellphone monitoring illegal, or are the laws different for liberal news shows?
>Do press credentials somehow confer more monitoring rights?
>-jw

The tape you mention was from the police end of the phone. The call was
made to 911 and recorded as normal practice. It's a public record.

-- --
| 73, internet | lrk@k5qwb.lonestar.org |
| Lyn Kennedy | lrk@wb5nrn.cirr.com |
| pony express = P.O. Box 5133, Ovilla, TX, USA 75154 |
---Livin' on an information dirt road a few miles off the superhighway---

5321. Re: CNN & cellphone scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-20 19:58:06 UTC
From: lakeith@robins.af.mil
Message-ID: <2u4sce$pou@wrdis02.robins.af.mil>
Source record: 272825

JWarnick (warnickj@pentagon-hqdadss.army.mil) wrote:

: Is cellphone monitoring illegal, or are the laws different for liberal news shows?
: Do press credentials somehow confer more monitoring rights?

I think CNN got the recording from the police department/911 comm
center where they tape all 911 calls.. That was the impression that I
got from the broadcast..

Larry Keith

5322. Radio Shack 2032

Newsgroup: rec.radio.scanner
Date: 1994-06-20 19:58:45 UTC
From: bwp@netcom.com
Message-ID: <bwpCrpoty.5Jp@netcom.com>
Source record: 272826

Anyone have any information like reviews, general information, mods, etc,
for the Radio Shack 2032?

Thanks,
-abh

5323. Re: CNN & cellphone scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-20 19:58:50 UTC
From: Jon.Spewak@launchpad.unc.edu
Message-ID: <2u4sdq$1n3@samba.oit.unc.edu>
Source record: 272824

In article <2u48dq$e6a@ams.amsinc.com>,
JWarnick <warnickj@pentagon-hqdadss.army.mil> wrote:
>Did everyone see CNN's coverage of the west-coast murder story and
>subsequent chase? This weekend, CNN was airing a recording of a cellular
>911 call made from the Bronco the police were following.

Yeah, I saw it too..

I don't think they were airing the call recorded by cellular. Doing that
would be illigal. Since all 911 calls are recorded, I suppose they bought
the 911 call, similar to those Rescue 911 type shows where they reinact
and broadcast the actual 911 call.
--
-- --
Launchpad is an experimental internet BBS. The views of its users do not
necessarily represent those of UNC, OIT, the SysOps or Captain Picard.
-- --

5324. Re: Computer control?

Newsgroup: rec.radio.scanner
Date: 1994-06-20 20:01:08 UTC
From: terzon@metronet.com
Message-ID: <Crpoxw.Mn9@metronet.com>
Source record: 272830

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>>>>I use a program called 801SCAN for my R7000.
>>>Could you post contact information for the manufacturer?

>>It is offered by Terzon Systems Inc. You can contact the author (me :-)
>>at bert@terzon.com for more info. Thanks for the plug, Brett!

>Nice to hear from you. I was just going to say I didn't know if you were
>still in the software business. I haven't seen any Terzon ads lately. You

I don't advertise any more but still sell the program now and then from appearances on CD-ROMs and referrals.

I would really love to do a killer Windows program (since that's what we (Terzon) do here anyway) but have to find the time. A couple of years ago I asked several users and no-one wanted Windows. I knew that would change :-)

Bert Campbell Terzon Systems Inc. bert@terzon.com

5325. NASCAR Freq needed

Newsgroup: rec.radio.scanner
Date: 1994-06-20 20:06:15 UTC
From: riggs@acd4.acd.com
Message-ID: <1994Jun20.200615.9568@acd4.acd.com>
Source record: 272837

Hello, this is my first post to this group. I just found out my brother is going to let me borrow his scanner for some upcoming NASCAR races I am going to attend. If someone could post or email the driver freqs to me I would appreciate it. Thanks in advance.

--

Jim Riggs (email riggs@acd4.acd.com) "I may have been born at night, but it
ACD Inc/100 S Campus Dr/TH, IN 47802 wasn't last night."-unknown. The above
"If you follow me long enough we opinions belong to me, not to ACD Inc.
will probably end up at a racetrack." Go Rusty & Rahal-MGD#2 & #4! Da Bears!

5326. Re: Listening in the car

Newsgroup: rec.radio.scanner
Date: 1994-06-20 20:19:46 UTC
From: jdavis@csid.gmeds.com
Message-ID: <2u4tl2$pgj@pascal.csid.gmeds.com>
Source record: 272827

bunce@L14H13.jsc.nasa.gov (Thomas J Bunce) writes:
: In article <H.eg.nZcXBGMT5YQ@yonder.equinox.gen.nz>,
: craig@yonder.equinox.gen.nz (Craig Shore) wrote:
:
: > In <1994Jun10.135327.2512@arrl.org>, Jim Kearman (KR1S writes:
: > >What'll do when manufacturers stop putting cigarette lighters
: >
: > It'll never happen. I've noticed some Honda's even have 2 lighter
: > sockets fitted now, one with the lighter in it, the other with a lid -
: > specifically there for plugging in accessories.
: >
: I'll double that feeling. My Ford F150 had a second plug with a lid too. It

I just bought a 94 Chevy S-10... They've gone so far as to put a
cigarette lighter socket and TWO accessory sockets below with spring
lids... It works REALLY nice... One for scanner, other for radar
detector...

And I don't even smoke, so maybe I'll hook up a TV or something to the
lighter...

++Jason C. Davis++

5327. NY City Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-20 20:44:24 UTC
From: netowns@netowns.bcsc.gov.bc.ca
Message-ID: <1994Jun20.134424.4396@vmsmail.gov.bc.ca>
Source record: 272829

I am travelling to New York City this summer and am looking for some freqs for my Pro-43. If someone can either point me in the direction of a FAQ or E-Mail me that would be great. Thanks in advance.

*
*Disclaimer:
*Material and opinions contained within are solely those of the author and do
*not represent, in whole or in part, those of BC Systems Corporation.
*
E-Mail: NETOWNS@NETOWNS.BCSC.GOV.BC.CA

5328. Re: Who sells Yupi's,anyone in U.S.?

Newsgroup: rec.radio.scanner
Date: 1994-06-20 20:46:16 UTC
From: habu@gate.net
Message-ID: <2u4v6o$gni@tequesta.gate.net>
Source record: 272828

Michael Schuster (schuster@panix.com) wrote:

: No US dealer carries this scanner to my knowledge. ACE Communications
: tried to get FCC approval for a cell-blocked version but failed. (This did
: not stop them from tkaing orders for same, with indefinite waiting
: period).

: EDCO (EEB) has a cell-blocked AR8000 in the lab. They may distribute it
: here this fall; if the scanner proves to be as good as it looks on paper,
: you might pass by the MVT-7100 anyway.

Thanks for the info,I was hoping there might be at least one place
with a few for sale.

Mike

5329. Re: FD Frequencies for SE Mass

Newsgroup: rec.radio.scanner
Date: 1994-06-20 20:57:31 UTC
From: kleite@sentry.ndhm.gtegsc.com
Message-ID: <kleite-200694155731@157.176.175.2>
Source record: 272823

In article <94170.200913AJC100U@ODUVM.BITNET>, <AJC100U@ODUVM.BITNET>
wrote:

> I'm looking for new FD frequencies for SE Mass, specifcally for:
> New Bedford
> Acushnet
> Fairhaven
> Dartmouth
> Westport
> Fall River
>
> Thanx for the assist...

> Well from the top of my head Fall River FD is 33.820 Mhz, hope thats helps out
> a little ....

Keith Leite

kleite@sentry.ndhm.gtegsc.com

5330. Fox BMP10/60 Modifications

Newsgroup: rec.radio.scanner
Date: 1994-06-20 21:36:58 UTC
From: lmart@boi.hp.com
Message-ID: <2u525q$7pf@hpscit.sc.hp.com>
Source record: 272831

Does anyone have any modification info for the Fox BMP10/60 scanner
to obtain the blocked out freq's? Appreciate any help.

5331. Magnetic mount antenna qu

Newsgroup: rec.radio.scanner
Date: 1994-06-20 21:53:00 UTC
From: tom.lackamp@vidgame.com
Message-ID: <ce.5535.696@vidgame.com>
Source record: 272835

T>Does anyone out there know of something that can be put in between the
T>surface of the vehicle and the magnet mount of the antenna...

Tim,

Hams have been using Saran Wrap and waxed paper for years.

73,

Tom Lackamp AB9B
San Mateo, Ca
tom.lackamp@vidgame.com

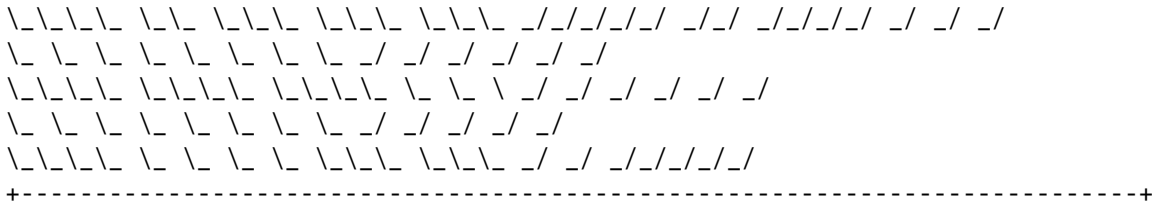
• CMPQwk #1.4• UNREGISTERED EVALUATION COPY

5332. Yupiteru MVT 7100

Newsgroup: rec.radio.scanner
Date: 1994-06-20 21:58:48 UTC
From: s_shefet@unity.ncsu.edu
Message-ID: <2u53eo$7ui@taco.cc.ncsu.edu>
Source record: 272833

Does it cover the FULL range ??
Please E-mail me.
Thanks

----------------+---------------------------------------+----------------------
Sarid M. Shefet | Food Sci. North Carolina State Univ. | sarid_shefet@ncsu.edu
----------------+---------------------------------------+----------------------



5333. Re: Italy/Israel/Michigan Scanner Freq's?

Newsgroup: rec.radio.scanner
Date: 1994-06-20 22:09:18 UTC
From: eric@garnet.msen.com
Message-ID: <2u542emvn1@garnet.msen.com>
Source record: 272834

In article <Cro4MF.BGD@freenet.carleton.ca>,
Bob Beresh <an648@FreeNet.Carleton.CA> wrote:
>
>
>Hey there!
>
> I hope someone can help me out. I am going to Italy and
>Israel this summer and I always like to be up on what's going on.
>If anyone has frequencies for these two countries, I would be
>grateful if you could send them to me at:
> an648@freenet.carleton.ca
>Thanks in advance-
>
> Bob Beresh
>

Bob-
FYI, you'd not want to get caught bringing a scanner into Israel.
Penalties aren't light, and the fines aren't low. You'd be taking a
big, no, *very big* chance by just trying to bring one in, in your
luggage. Having been in the police there, I definitely wouldn't recommend
it to you.
- - Eric

--
------------------<Golan Security/Defense Policy Studies>--------------------
eric@golan.org | The HOWITZER of truth on the | Holyland Harley-
72000.1256@compuserve.com | battlefield of propoganda. | Davidson Club
----

5334. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-20 22:36:55 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2u55m7$71k@samba.oit.unc.edu>
Source record: 272836

In article <2u47fl$18no@hermes.acs.ryerson.ca>,
Calvin Henry-Cotnam <cal@ee.ryerson.ca> wrote:
>I just heard an interview on the radio with a representitive from the
>"umbrella group" that represents the cellular industry. He explained
>how position tracking is done, and stated that call content is not
>involved. A court order is needed to track position, but another court
>order, presumably one more difficult to get, is needed to intercept the
>conversation. The location tracking basically locates which cell site
>the call is being picked up by plus monitoring of actual signal strength
>which usually can get to within a mile of the location.

Excuse me for interjecting, but isn't anybody with a scanner able to track siganl strenght without a court order? A simple signal strength meter and a Yagi will do wonders, and tell you pretty well where the source of the transmission is coming from. And No, it wouldn't be illegal to track the signal strength, because all you have to do is monitor the presence of a radio frequency, not the content or modulation of that frequency. In other words, turn down your volume and track away. Now as to the legalities of using that information to monitor the conversation or to present as evidence in court for commision of a crime, I don't know. But the police might be able to simply monitor the presence of the signal for solely determining the location of a subject. This brings to mind the discussion a few months ago about the technicalites of using a frequency counter to find the frequency a cell phone is operating on.

Sherrod
--
-- --
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-- --

5335. Re: CNN & cellphone scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-20 22:45:20 UTC
From: glyle@marie.seas.ucla.edu
Message-ID: <1994Jun20.224520.640@enterprise.rdd.lmsc.lockheed.com>
Source record: 272843

In article <2u48dq$e6a@ams.amsinc.com>, warnickj@pentagon-hqdadss.army.mil (JWarnick) writes:
|> Did everyone see CNN's coverage of the west-coast murder story and
|> subsequent chase? This weekend, CNN was airing a recording of a cellular
|> 911 call made from the Bronco the police were following.
|>
|> Is cellphone monitoring illegal, or are the laws different for liberal news shows?
|> Do press credentials somehow confer more monitoring rights?
|> -jw

Well, If the call was recorded by lawful authorities who had
the proper warrents...

They can probably distribute it at will.

Another thought: 911 calls are always taped and are probably
part of the public record for legal purposes. They didn't
have to monitor the cell transmission at all.

The OJ story represents a new low (IMO) in telejournalism. The
whole circus was created by the media who couldn't keep their
mouths shut long enough for the cops to apprehend the suspect.

It's pure luck that no one was hurt or killed in the incident,
what with all the bizarre driving, dozens of helicopters flying
about, crowds, etc.

Yes, the public has the right to know, but do we have the right
to know in real time when that knowlege may endanger others?

At least Scanner users don't chase the ambulances, etc.

Food for thought...

George

5336. Re: Question

Newsgroup: rec.radio.scanner
Date: 1994-06-20 22:50:37 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Jun20.225037.23323@alw.nih.gov>
Source record: 272838

mpaul@sad.hp.com (Michael Paul) writes:
>
> Hello everyone,
>
> I know that this might not be the best group to post this question in,
> but I figured some of you might be able to help me. I've heard of a
> device that you can hook up to your telephone line that will tell you
> the phone number of the last person that called you. Here in Calif.
> the device is illegal, although Pac Bell will sell you a service called

No, the device is not illegal. The public utilities commission (I've forgotten what CA calls it) that regulates the local phone companies made California an undesirable place to offer such a service. For this reason, PAC*BELL doesn't offer Caller ID in CA. They decided that it wouldn't be worth it.

> 'CALL RETURN', but it won't tell you the number. The local Radio
> Shack guy said that Radio Shacks in other states (he didn't specify
> which states) sell such a device.
> Can anyone tell me which states (hopefully one that neighbors CA) sell
> something like this? Approx. cost? Works with any phone system? Any
> other details.

As far as I know, the box itself isn't illegal to buy or sell, there is just no way to use it in California. This is probably why no one sells it there. The box works by decoding a special signal that the phone company's central office sends between (I think) the first and second ring. In states that have Caller ID, this only works for people who subscribe to the service and are sent that special signal.

A lot of modems now have the ability to decode caller id signals, but again, you have to subscribe to it and your phone co has to offer it.

--Neil

p.s. -- more info on comp.dcom.telecom or comp.dcom.telecom.tech if you get Usenet.

--
Neil Weisenfeld, Computer Engineer Internet: weisen@nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: +1 301 402 4030
Bethesda, MD 20892 Fax: +1 301 402 2867

5337. Legal rights to see FCC license?

Newsgroup: rec.radio.scanner
Date: 1994-06-20 22:52:26 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2u56ja$7ee@samba.oit.unc.edu>
Source record: 272842

Here's a question for the more knowledgable of you out there:

What are the rights of the citizens to walk into a police station and ask to see the FCC frequency licenses issued to the station? I'm under the impression that the Freedom of access to information act (or whatever it's called) gives citizens the rights to public documents, and I'm also under the impression that FCC licenses must be displayed in a prominant location visible to people who may enter the building.

The few times I've tried asking the local PD chiefs this, they've given me the cold shoulder and said they're not allowed to reveal that information, and "Why don't you just go down the road to Rat Shack and look at their books?" type comments. I've had better success talking to local cops sitting around in their cruisers waiting for a call, who like the fact that citizens are interested in their work, etc.

Any legal documents you can point me to would be nice, and If I could quote the pertinant information to the local PD force, they might be a little more cooperative.

Sherrod

--
-- --
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-- --

5338. Re: Am I ham licensed?

Newsgroup: rec.radio.scanner
Date: 1994-06-20 22:57:54 UTC
From: dwillson@pcwizard.almaden.ibm.com
Message-ID: <2u56ti$eto@juniper.almaden.ibm.com>
Source record: 272839

In <Crp51E.D8x@inmet.camb.inmet.com>, leber@panther.warm.inmet.com (Thomas Leber) writes:
>Does a Restricted Radiotelehone Operator Permit really allow you to operate
>a Commercial radio station? I got mine when I was taking flying lessons -
>at the time, it was necessary to operate an air band two-way for some
>reason (don't remember why).
>
>I always loved the 'this allows you to operate any radio which may be operated
>by someone holding this' language.

No,
There are other Radiotelephone permits for operating a commercial station.
The Restricted Radiotelephone was use for Aircraft radios (by pilots), marine
band and these type of services. The requirement for Pilots to have one to
operate an aircraft radio has be dropped. I don't know about the other services.

Dennis

5339. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-20 23:01:19 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Jun20.230119.23544@alw.nih.gov>
Source record: 272840

Neil Weisenfeld (weisen@alw.nih.gov) wrote:
: listeing to cellular as it's illegal. With regard to the comment that
: someone else made about OJ being tracked by his cellular transmissions,
: I *think* that you misunderstood. The *police*, apparently with
: cooperation from the cell service company, tracked OJ. It seems

Uh, my point here was that the police and cell phone co did it and not the
CNN guy's friend.

--neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: +1 301 402 4030
Bethesda, MD 20892 Fax: +1 301 402 2867

5340. Re: Italy/Israel/Michigan Scanner Freq's?

Newsgroup: rec.radio.scanner
Date: 1994-06-20 23:27:48 UTC
From: eric@garnet.msen.com
Message-ID: <2u58lk$t83$1@garnet.msen.com>
Source record: 272841

In article <Cro4MF.BGD@freenet.carleton.ca>,
Bob Beresh <an648@FreeNet.Carleton.CA> wrote:
>
>
>Hey there!
>
> I hope someone can help me out. I am going to Italy and
>Israel this summer and I always like to be up on what's going on.
>If anyone has frequencies for these two countries, I would be
>grateful if you could send them to me at:
> an648@freenet.carleton.ca
>Thanks in advance-
>
> Bob Beresh
>

Bob-
FYI, you'd not want to get caught bringing a scanner into Israel.
Penalties aren't light, and the fines aren't low. You'd be taking a
big, no, *very big* chance by just trying to bring one in, in your
luggage. Having been in the police there, I definitely wouldn't recommend
it to you.
- - Eric
--
------------------<Golan Security/Defense Policy Studies>--------------------
eric@golan.org | The HOWITZER of truth on the | Holyland Harley-
72000.1256@compuserve.com | battlefield of propoganda. | Davidson Club
----

5341. Computer control?

Newsgroup: rec.radio.scanner
Date: 1994-06-21 00:18:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <772269483.AA06779@rochgte.fidonet.org>
Source record: 272774

> From: pthompson@walnut.prs.k12.nj.us (Peter Thompson)
> Organization: Princeton Schools

> Of course, those are the features I am looking for- a Pro2006 with
> Opt456 features, but will keep working in a stand alone mode.

> The closest I have found is a product from AIE (Automated Industrial
> Electronics) which did most of this, but without the computer
> interface, and no longer in production.

I'd be happy to sell you my PRO-2004 with AIE TCF-4 tone finder/decoder attached. The scanner also has 6,400 channels, LED center tune and S-meter indicators. Price is $400 - I ship.

Email replies to: david.stark@rochgte.fidonet.org

5342. Ottawa, Canada Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-21 00:31:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <772269483.AA06780@rochgte.fidonet.org>
Source record: 272676

> From: ad607@FreeNet.Carleton.CA (Darrell A. Larose)
> Organization: The National Capital FreeNet

> 155.7000 N.Y. State Police? Watertown area

Not NYSP but NYSPP (NY State Park Police).

> 89) 288.2 DRAGNET VICTOR

NORAD AWACS mission callsign.

Email replies to: david.stark@rochgte.fidonet.org

5343. Re: This a Great Newsgroup!

Newsgroup: rec.radio.scanner
Date: 1994-06-21 00:56:42 UTC
From: as779@yfn.ysu.edu
Message-ID: <2u5dsa$jvf@news.ysu.edu>
Source record: 272845

In article <brett_miller.332.000ABCF7@ccm.hf.intel.com> brett_miller@ccm.hf.intel
.com (Brett Miller - N7OLQ) writes:

>>Also, I heard there is a packet radio group but I don't know the name. Could
>>someone please forward that info?

rec.radio.amateur.packet is obsolete, the correct newsgroup pertaining
to packet radio and other digital modes has been
rec.radio.amateur.digital.misc for the past year or so.

Chuck Reti WV8A Detroit,MI
aa010@detroit.freenet.org
as779@yfn.ysu.edu

5344. New Net

Newsgroup: rec.radio.scanner
Date: 1994-06-21 01:00:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <772269483.AA06781@rochgte.fidonet.org>
Source record: 272675

Announcing the creation of a new amateur radio net for scanner and shortwave enthusiasts. This net serves the western NY state area and the Finger Lakes Region on all of the frequencies listed below.

Net Manager and NCS is me, NF2G.

Rochester, NY 442.800 WNY SWL & Scanner Net Monday 20:00 ET
" 146.925 " " " " "
" 224.580 " " " " "
" 53.330 " " " " "
Mendon, NY 444.700 " " " " "
S Bristol, NY 442.900 " " " " "

These repeaters, comprising a system known locally as the Megaplex, are normally in carrier squelch mode. If any are placed into CTCSS mode due to local noise conditions, try using 110.9 Hz for access.

==========

The Finger Lakes Alert Group, a new scanner club serving the Finger Lakes Region, now has an Email address on the Internet. Messages to FLAG can be addressed to:

FLAG@rochgte.fidonet.org

==========
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
==========

5345. Tech. Question Pool wanted

Newsgroup: rec.radio.scanner
Date: 1994-06-21 01:01:02 UTC
From: 2575brooksr@vms.csd.mu.edu
Message-ID: <009803FF.B52A1EC0@vms.csd.mu.edu>
Source record: 272846

I was wondering if anyone has the most recent tech. question pool.
Also, does the tech. no code test include the novice test?

Thanks for the info,
Ryan Brooks 2575brooksr@vms.csd.mu.edu
.

5346. REQ: Scanner Freqs for SW MI

Newsgroup: rec.radio.scanner
Date: 1994-06-21 01:12:24 UTC
From: ryder@sun.com
Message-ID: <2u5epo$pik@orion.cc.andrews.edu>
Source record: 272847

I'm looking for scanner freqs for the Berrien Springs, MI area. If anyone has any could you post them or e-mail to me? Thanks!

Later,
Richard Ryder / KA1ZGA

5347. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-06-21 01:23:09 UTC
From: steven@sgb.oau.org
Message-ID: <Crq3un.99n@sgb.oau.org>
Source record: 272855

Dave Rogers (dave@rsd.dl.nec.com) wrote:
: In talking to the Icom folks at HAM-COM two weeks ago, they indicated
: that they were all sold. Icom shipped them all out to dealers several

Are these units available OVERSEAS in their original coverage???
That is where you should be able to get them... Someone needs to
inquire of ICOM where they can be bought OUTSIDE of the U.S. and
post the results here. I would call them myself if I had the
phone number...

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5348. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-21 02:02:37 UTC
From: milcom@netcom.com
Message-ID: <milcomCrq5oD.7sB@netcom.com>
Source record: 272851

Bud_Jamison@f1010.n202.z1.fidonet.org wrote:

: L.A. PD is in the first stages of installing a new 800 mhz trunked
: radio system, that will have DIGITAL voice comms. Try monitoring
: THAT...

Thankyou, I will.

Is this how the LA city is spending their money while the cops are on strike?

--
POP: Persistant Online Procrastination milcom@netcom.com

5349. Re: Frequencies Wanted - Motorola Bicycle Racing

Newsgroup: rec.radio.scanner
Date: 1994-06-21 02:14:02 UTC
From: scan911@aol.com
Message-ID: <2u5ida$o5f@search01.news.aol.com>
Source record: 272849

In article <940610185927.202067a9@argos5.argosinc.com>,
CESTES@argos5.argosinc.com (Chris Estes) writes:

>I'm an avid scanner listener and bike race fan. For the past couple
of years,
>the Motorola bike team has been "wired for sound." The riders all
carry
>radios so they can communicate with their coaches during the race.
Does
>anyone know the frequencies that they are using with these radios?

I'd be willing to bet you should check 151.625 or 151.505, which
appears in a lot of Moto stuff.

Chuck
scan911@aol.com

5350. Re: Anyone remember the Regency HX-1000?

Newsgroup: rec.radio.scanner
Date: 1994-06-21 02:17:04 UTC
From: scan911@aol.com
Message-ID: <2u5ij0$o70@search01.news.aol.com>
Source record: 272850

Nothing will ever come close to the HX-1000, unless you use commercial land mobile equipment, which I do. I wish I never got rid of my HX-1000 years ago. The Uniden stuff just never comes close to what Regency was doing.

scan911@aol.com

5351. More FCC license info (on disk)

Newsgroup: rec.radio.scanner
Date: 1994-06-21 03:13:15 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <2u5lsb$g7q@samba.oit.unc.edu>
Source record: 272852

Picked up a flyer from work the other day that was being thrown out...
Thought some of you out there might like to know about it.

Action Data Processing inc.
817 Silver Spring Avenue
Silver Spring, Maryland 20910
(301) 587-0558 (800) 526-8270

(I'll try to quote the brochure as best as I can)

Two Way Radio Licenses Data
-Action Data Processing maintains a data base of all FCC two-way radio
licenses, which is taken directly from ythe FCC files.
-All services for state and local government, as well as services for
private industry are included, from the lowest frequency range to the
highest frequency range.
-Listings of all licenses within a state, county, or geographic area are
available.

First type of order: By state.
Here they list all 50 states, some broken into subregions, and the prices
for the various listings offered. They have 1)computer printouts and
2)Magnetic tape or Diskette (high density), and in each of 1) and 2) they
have three sorts of information: a)Under 800MHz & over 935MHz, b)800-935MHz,
and c)Combined (whole frequency range).

Second type of order: By county.
-Select any county or series, ecen if they cross state borders.
-County Data inclueds all licenses and services within your selected area.

Cost for County Selection
# of Counties Computer Listing Diskette
1-5 $75.00 $125.00
6-10 130.00 190.00
11-15 180.00 260.00
If more than 15 Counties: consider radius search below.

Thrid type of order: By geographic Area.
-Select either a 50 mile, 75 mile, or 100 mile radius of a selected city
or geographic area (lat/long).
-All licenses and services are included.

Cost for geographic Radius
Radius Computer listing Diskette
50 mi 140.00 190.00
75 mi 210.00 290.00
100 mi 290.00 390.00

Description of Files shown on previous pages:
Listings are available either in Short Record or Long Record formats.

Short Record
-Frequency -Expiration Date of the License -Lat/Long of transmitter
-License Name -Type -xmitter State County and City
-Call Sign -Number of Mobiles
-Service -Zip Code

Long Record: Everything in Short Record plus...
-License address, city, state -Phone number -Emission -Azimuth
-Antenna Height -Polarization -ERP
-Elevation of antenna -Power -Mobile Totals by Mobile type

The Long Record is double the cost of the prices listed on previous pages.

Services Included:
AA AC AD AF AG AR AX BA BF BI
BS BT CA CC CD CF CG CI CL CM
....etc... You name it, it's there.

Cost: The prices above are COD prices. Pre-pay and take 10% discount.
S/H: UPS Ground: $9.00
UPS blue: $9.00, plus 4% of order
UPS red: $$10.00, plus 10% of order

The disk prices are based on High-density disks. The format is ASCII,
Fixed Fields. Operating Software is not provided. All diskettes will be
3.5" unless specified. All sales final. Prices subject to change without
notification. Call 1-800-526-8270 for a mailing list price quote.

[end brochure paraphrasing/quoting]

The reason I didn't copy the state prices is that there are 6 for each
state, and I'm not typing in that many. But an idea is that VA, with
~52000 records and 8 HD disks, costs are as follows:

Computer listing Diskette or Magnetic Tape
Under 800&over 935 800-935 Comb. Under 800&>935 800-935 Combined
$148 $74 $184 $278 $154 $334

Short record is 118 characers/record, and Long record is 241 char/record.
Figure on about double the number of disks for the long record.

This service provided to you in the interests of the public good. ;-)

BTW, if anyone is interested in chipping in to get the state of Virginia,
e-mail me and let's talk details. The more, the better (read, CHEAPER)
for everyone...

Sherrod Munday

--
-- --
Launchpad is an experimental internet BBS. The views of its users do not
necessarily represent those of UNC, OIT, the SysOps or Captain Picard.

-- --

5352. Bearcat 100xlt Mod

Newsgroup: rec.radio.scanner
Date: 1994-06-21 06:01:24 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9406211302.AA150437@f217.n202.z1.fidonet.org>
Source record: 272740

DS> Could someone out there please email instructions on how to
modify a
DS> bearcat 100xlt scanner to pickup cellular phones

Since the 100 doesn't have ANY 800 mhz capability, you can't get
cellphones on it. You'll need a 200 instead.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

5353. Re: Sorry for asking: Pro-2006 mods...

Newsgroup: rec.radio.scanner
Date: 1994-06-21 06:30:30 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun21.063030.21426@hpcvaac.cv.hp.com>
Source record: 272858

Jerry.Smith@f747.n115.z1.fidonet.org (Jerry Smith) writes:
: -=> Quoting briskin@binah.cc.brandeis.edu to All <=-
:
: br> From: briskin@binah.cc.brandeis.edu
: br> Reply-To: briskin@binah.cc.brandeis.edu
: br>
: br> I sincerely apologize for being a newbie and not reading the FAQ
: br> (where th' heck is it, anway?) but I'm about to get a Pro-2006 and
: br> humbly request for someone to tell me where I can FTP the, er,
: br> "coverage restoration" mod instructions from. Thank you.
:
: Hi, Jeff...Piece of cake...Open up the unit...look behind the #3 key for
: a diode (looks like glass with a band on the first 1/3 of it), clip one of
: the wires and separate. Mod complete.

There are two diodes there. The one to clip is D-502 - the lower one.

Bill

5354. Re: CNN & cellphone scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-21 06:33:01 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun21.063301.21654@hpcvaac.cv.hp.com>
Source record: 272859

glyle@marie.seas.ucla.edu (George Lyle (233789)) writes:
:
: The OJ story represents a new low (IMO) in telejournalism. The
: whole circus was created by the media who couldn't keep their
: mouths shut long enough for the cops to apprehend the suspect.

Almost a new low. The Waco Incident that was orchestrated by the
BATF was even lower.

Bill

5355. Weird Frequency

Newsgroup: rec.radio.scanner
Date: 1994-06-21 06:37:14 UTC
From: mstone@nyx10.cs.du.edu
Message-ID: <2u61qq$f0e@nyx10.cs.du.edu>
Source record: 272856

Just wondering if someone can help me identify this frequency .. 154.7550 Mhz. I am in Richmond HIll, Ontario and I was just listening to my scanner early this evening while talking on the phone. Well I got my friend to verify its existance and he heard it too (he's in Burlington, Ontario).. Well I looked in the haruteq book and the only listing for that freq is somewhere up in Salt Ste Marie, Ontario... I have a Radio Shack Pro 43 and my friend in Burling has a Bearcat 2500 ... Anyone out there know what this is. Oh yeah in both cities we heard it loud and clear...

Matthew

5356. Re: Legal rights to see FCC license?

Newsgroup: rec.radio.scanner
Date: 1994-06-21 06:38:30 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun21.063830.21723@hpcvaac.cv.hp.com>
Source record: 272861

Sherrod.Munday@launchpad.unc.edu (Sherrod Munday) writes:
:
: What are the rights of the citizens to walk into a police station and ask
: to see the FCC frequency licenses issued to the station? I'm under the
: impression that the Freedom of access to information act (or whatever it's
: called) gives citizens the rights to public documents, and I'm also under

I don't know about that. However, you can obtain the frequencies that were assigned to the police department from the FCC. Of course, you will have to pay for that privilege.

: the impression that FCC licenses must be displayed in a prominant location
: visible to people who may enter the building.

Nope. The license must be displayed on close proximity to the transmitter. It may not be anywhere close to the police station, and usually isn't. It will be at the top of the building or hill where the antenna is located. It must be available for inspection by the FCC, on demand - but there is no requirement to make it available to the public.

: The few times I've tried asking the local PD chiefs this, they've given me
: the cold shoulder and said they're not allowed to reveal that information,
: and "Why don't you just go down the road to Rat Shack and look at their
: books?" type comments. I've had better success talking to local cops
: sitting around in their cruisers waiting for a call, who like the fact
: that citizens are interested in their work, etc.

The chiefs are either lying, or are misinformed. Take your pick - the odds are about 50/50. That is, assuming they have the slightest idea of even the band on which the radios operate.

: Any legal documents you can point me to would be nice, and If I could
: quote the pertinant information to the local PD force, they might be a
: little more cooperative.

There is no law requiring them to tell you the frequencies. On the other hand, you might ask them what they have to hide, if they are unwilling to disclose the frequencies used.

Bill

5357. Re: Tech. Question Pool wanted

Newsgroup: rec.radio.scanner
Date: 1994-06-21 06:46:36 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun21.064636.21842@hpcvaac.cv.hp.com>
Source record: 272860

2575brooksr@vms.csd.mu.edu writes:
: I was wondering if anyone has the most recent tech. question pool.
: Also, does the tech. no code test include the novice test?

The no code tech written contains two parts - one of them is the
Novice element - the 30 question written portion.

Then, if you decide to later upgrade to Tech+, all that is required is
that you pass element 1A - the 5 wpm code test. This gives you all the
HP Novice privileges.

Bill

5358. Re: Magnetic mount antenna question...

Newsgroup: rec.radio.scanner
Date: 1994-06-21 08:05:40 UTC
From: jmm5h@Virginia.EDU
Message-ID: <1994Jun21.080540.19786@Virginia.EDU>
Source record: 272857
Cross-posted to: rec.radio.scanner,rec.radio.cb

gary@ke4zv.atl.ga.us writes:
> In article <2u3v9b$bmo@dartvax.dartmouth.edu> Tim.Stammers@dartmouth.edu (Tim) writes:
> >Does anyone out there know of something that can be put in between the
> >surface of the vehicle and the magnet mount of the antenna, so that the
> >antenna can be removed without damaging the paint? In the past I tried
> >a piece of leather and another time a piece of felt, but neither one
> >worked very well. Please post any ideas that you may have. Thanks in
> >advance!
>
> Carnuba wax. Most materials you try will unacceptably reduce the required
> capacitance coupling of the magmount to the vehicle body. This is what
> gives the antenna it's necessary groundplane. A good heavy coat of carnuba
> wax will prevent the bare *clean* magmount from scratching your car without
> greatly affecting the capacitive coupling of the base to the vehicle.
>
> Gary
> --
> Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
> Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
> 534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
> Lawrenceville, GA 30244 | |
Try the internal disk from a floppy disk. Sacrifice an
old 3.5 or 5 1/4" disk by breaking it open and removing the
magnetic medium. Like a previous poster suggested, a coat of
carnuba wax (applied and not removed) at the site of the mount
is a good idea.

5359. CNN & cellphone scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-21 08:06:56 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9406211302.AA150438@f217.n202.z1.fidonet.org>
Source record: 272741

```
J> This weekend, CNN was airing a recording of a cellular
J> 911 call made from the Bronco the police were following.

They got the tape FROM the PD, so it was totally legal.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)
```

5360. Re: ANTENNA (HORIZ VS VERTICAL)

Newsgroup: rec.radio.scanner
Date: 1994-06-21 08:10:44 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.337.00082E14@ccm.hf.intel.com>
Source record: 272868

In article <9406201100.0FGH001@chrysalis.org> jeff.wright@chrysalis.org writes:

>The question is does mounting the antenna horizontally greatly reduce
>the number of signals I will see? I seem to remember something from my
>college physics classes about waves and how they travel...either vertically
>or horizontally oriented.

It won't reduce the number of signals, just the signal strength. However most
local signals you may monitor are strong enough where this sholdn't matter.
The weak signals will probably be undetectable now.

>Also, does the metal in the cab of the truck knock out a lot of signals?
>I wouldn't think so...the cab is enclosed on all four sides by glass.

Yes it will. I once stuck a mag mount vertically behind the seat of my
pick-up and could hardly receive anything (it was mounted below the rear
window). Mounted near the window like yours will work ok, but you may get
some directional effects as the car blocks some signals from certain
directions.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5361. Re: This a Great Newsgroup!

Newsgroup: rec.radio.scanner
Date: 1994-06-21 12:13:45 UTC
From: pschleck@cwis.unomaha.edu
Message-ID: <pschleck.772200825@cwis>
Source record: 272864

In <brett_miller.332.000ABCF7@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>In article <2u1ig0$ovl@sun.cais.com> bass@cais.cais.com (Tim Bass) writes:

>>Of the 50 technical newsgroups that I enjoy, this one is one of the best.

>>Question:

>>Can someone provide a list of other good technical newsgroup that relate to
>>electronics?

>>Also, I heard there is a packet radio group but I don't know the name. Could
>>someone please forward that info?

>Try: sci.electronics
>and rec.radio.amateur.packet

You might note that .packet has been superseded by .digital.misc, and
the Ham-Digital Mailing List (been that way since September of '93).

--
Paul W. Schleck, KD3FU
pschleck@unomaha.edu

5362. Skip

Newsgroup: rec.radio.scanner
Date: 1994-06-21 12:26:24 UTC
From: Brian_Johnson@f1010.n202.z1.fidonet.org
Message-ID: <9406211302.AA150439@f217.n202.z1.fidonet.org>
Source record: 272742

Phyllis, this is probably due, partially, to the inversion layer. The hot weather you folks have been getting back there is another factor. What you might have been hearing was VHF ducting which could be considered a form of skip. Don't quote me on this, though, as I'm no expert in that field. Happy Monitoring...Brian.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

5363. Re: Need freqs for United Airlines

Newsgroup: rec.radio.scanner
Date: 1994-06-21 12:41:18 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.338.000CB09C@ccm.hf.intel.com>
Source record: 272736

In article <2u75ls$61n@samba.oit.unc.edu> Jon.Spewak@launchpad.unc.edu (Jon Spewak) writes:
>In article <Lee_Hines.M1-210694085312@m11003.esl.com>,
>Lee Hines <Lee_Hines.M1@SMTP.esl.com> wrote:
>>I will be flying on UA on Thursday from SFO to Orlando and would like to
>>have freqs. to keep me entertained. :-)

>The frequencies airlines use are the frequencies of the air traffic
>controllers at the airport. Getting a pilot's map will show the
>frequencies for the airports.

There are business frequencies that airlines use also:
460.650 to 460.875 in 25KHz steps (and also 465.650 to 465.875)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5364. Pioneer Data

Newsgroup: rec.radio.scanner
Date: 1994-06-21 12:42:00 UTC
From: sita@ecf.toronto.edu
Message-ID: <CrqzA0.B6F@ecf.toronto.edu>
Source record: 272863

Has anyone had any dealings with a company in Oregon called Pioneer Data? I'm considering a purchase from them and would appreciate any feedback anyone has to offer.

Thanks!

5365. Re: Magnetic mount antenna question...

Newsgroup: rec.radio.scanner
Date: 1994-06-21 13:05:18 UTC
From: Tim.Stammers@dartmouth.edu
Message-ID: <2u6oie$9hp@dartvax.dartmouth.edu>
Source record: 272865
Cross-posted to: rec.radio.scanner,rec.radio.cb

In article <1994Jun20.144904.15019@ke4zv.atl.ga.us>
gary@ke4zv.atl.ga.us (Gary Coffman) writes:

> Carnuba wax. Most materials you try will unacceptably reduce the required
> capacitance coupling of the magmount to the vehicle body. This is what
> gives the antenna it's necessary groundplane. A good heavy coat of carnuba
> wax will prevent the bare *clean* magmount from scratching your car without
> greatly affecting the capacitive coupling of the base to the vehicle.

This sounds like a good idea. Where is carnuba wax sold?

- Tim \\\|///
\\|// Tim.Stammers@Dartmouth.edu
0 0
-----uuu--U--uuu-----

5366. Re: Chicago 406.6 MHz WHatiz?

Newsgroup: rec.radio.scanner
Date: 1994-06-21 13:33:24 UTC
From: wbloss@delphi.com
Message-ID: <Zo6RwK0.wbloss@delphi.com>
Source record: 272862

Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:

> I have no idea what it is. I receive it here loud and clear. (30 miles
>west of Chicago) I have a CARMA meeting at noon...I'll ask and see if
>anyone can give me a clue.

Hi Jerry,
I did receive one e-mail response regarding a radiation sensor at Fermi
labs. I was located in the Tinley park area, but I believe it could be
heard all over. Not sure the Fermi Lab raditaion monitor makes sense
for this one...let me know what he club has!
Thanks

If you're ever in St Joe, Mo or Kansas City, let me know, I got many
frequencies!

Wally Bloss
WB0BAV
A Human

5367. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-21 13:56:38 UTC
From: cal@ee.ryerson.ca
Message-ID: <2u6rim$111n@hermes.acs.ryerson.ca>
Source record: 272866

Sherrod Munday (Sherrod.Munday@launchpad.unc.edu) wrote:

: Excuse me for interjecting, but isn't anybody with a scanner able to track
: siganl strenght without a court order?

Yes, but you couldn't go to the cell company and get them to do it for you,
as the police did. :-)

Plus, they can also narrow it down to the cell site first, and know when
it switches cell sites, and know what frequency it is on on the next site
instantly instead of having to search for it....

The bottom line is, you can do it yourself, but by getting a court order,
the cell company can do it more efficiently and quickly.

--
Calvin Henry-Cotnam, CATE | "...My brain IBM"
Ryerson Polytechnic University | "So if you see me, acting strangely..."
Toronto, Ontario, Canada | STYX, Mr. Roboto
- -
"We've all been taught, all of us, that blacks and whites can't live together.
The reality is that interracial couples are as boring as anybody else. My
husband sits around the house and I tell him to pick up his socks. Once you
live with someone of another race, it's impossible to think of that race as
special or threatening or all that much different."

- Candy Mills, editor of "Interrace" magazine

5368. Pro2006 Computer Control

Newsgroup: rec.radio.scanner
Date: 1994-06-21 14:12:59 UTC
From: richardc@Emass.Esy.COM
Message-ID: <9406211410.AA00654@tigger.esy.com>
Source record: 272867

Does anyone know where I can find a simple way to interface my Realistic PRO 2006 scanner to the RS-232 port on my IBM PC?

I'd prefer to find a do-it-yourself method (I could write the software myself). But a commercial solution would be okay.

I've seen vague references to an HB-232, but can't find who makes it or how much it costs. I did finally find an ad for the OptScan 456, which does this, but it has alot of extras I'm not sure I can afford to get.

Thanks in advance,
==========
Rich Cannizzaro | EMASS Computer Support

5369. Re: Need freqs for United Airlines

Newsgroup: rec.radio.scanner
Date: 1994-06-21 14:21:57 UTC
From: withrow@lims01.lerc.nasa.gov
Message-ID: <withrow.416.000E5E1F@lims01.lerc.nasa.gov>
Source record: 272739

In article <2u78l1$4v7@usenet.INS.CWRU.Edu> el124@cleveland.Freenet.Edu (Mike Wilson) writes:
>From: el124@cleveland.Freenet.Edu (Mike Wilson)
>Subject: Re: Need freqs for United Airlines
>Date: 21 Jun 1994 17:39:45 GMT

>In a previous article, Jon.Spewak@launchpad.unc.edu (Jon Spewak) says:

>>Just to let you know, when you enter the plane they'll say "use of portable
>>electronic or cellular equipment is prohibited..." They will allow portable
>>computers, gameboys, discmans, walkmans, pacemakers, etc. Radios, TVs,
> ~~~~~~~~~
>>cellular phones/modems, etc. are not allowed.

> Don't think so. Portable computers are one of the main things they
>do NOT allow. I'm pretty sure that the other things you mention are
>not allowed on commercial flights...except for the pacemaker!
> It all depends on the carrier. Each have a different policy.
>Just ask the captain about your scanner when you board the airplane. If
>you ask the flight attendant, most likely you'll get a 'no!'.
>On my last trip, the captain let me use my bc200xlt. However, on the
>return trip, the captain said 'no'.
>--

The FAR's (91.21) specifically allow:
Portable voice recorders
Hearing aids
Heart pacemakers (The FAA is being nice here!)
Electric Shavers

or

Any other portable electronic device that the operator of the aircraft
has determined will not cause interference with the navigation or
communication system of the aircraft on which it is to be used.

The FAR's go on to say that determination shall be made by the operator of
the aircraft (in this case United Airlines). (Technically the United pilot
could not make this determination.)

5370. Re: FD Frequencies for SE Mass

Newsgroup: rec.radio.scanner
Date: 1994-06-21 14:49:03 UTC
From: ptbast@wpi.edu
Message-ID: <2u6ukv$puf@bigboote.WPI.EDU>
Source record: 272869

AJC100U@ODUVM.BITNET wrote:
: I'm looking for new FD frequencies for SE Mass, specifcally for:
: New Bedford
154.130
154.340
460.575
460.6125

: Acushnet
45.600
46.180 Bristol County Fire Net

: Fairhaven
46.180

: Dartmouth
46.180
46.340
453.5375 Mobile Repeater

: Westport
46.180

: Fall River
33.820
33.740
463.950 Mobile repeater
462.950

: Thanx for the assist...

All Freqs from _Scanner Master_ 5th ed MA, RI, & NH Pocket Guide
Addr: Scanner Master
PO Box 428
Newton Highlands, MA 02161
(800) 722-6701

5371. Anything bad about a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-06-21 15:00:38 UTC
From: gah@ccd.harris.com
Message-ID: <1994Jun21.150038.21580@ccd.harris.com>
Source record: 272703
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I just bought a Pro-43. I'm not sure it's worth the money.

Anybody got any negative or positive things to say about it.

Thanks
George

5372. Re: Legal rights to see FCC license?

Newsgroup: rec.radio.scanner
Date: 1994-06-21 15:09:49 UTC
From: doc@webrider.central.sun.com
Message-ID: <2u6vrt$ok8@cronkite.Central.Sun.COM>
Source record: 272871

At least for most frequencies, just buy one of the scanner freq. books that
are out. "Scanner Master" is an excellent buy (regional) which good explanations
as well as the freqs.. Also Radio Shack has "Police Call" which isn't bad. Lots
of easily obtained frequencies available at your local Ham or Electronics Shops.

Enjoy,

Steve

In article 21723@hpcvaac.cv.hp.com, billn@hpcvaac.cv.hp.com (bill nelson) writes:
> Sherrod.Munday@launchpad.unc.edu (Sherrod Munday) writes:
> :
> : What are the rights of the citizens to walk into a police station and ask
> : to see the FCC frequency licenses issued to the station? I'm under the
> : impression that the Freedom of access to information act (or whatever it's
> : called) gives citizens the rights to public documents, and I'm also under
>
> I don't know about that. However, you can obtain the frequencies that were
> assigned to the police department from the FCC. Of course, you will have to
> pay for that privilege.
.
.
.

--
-- Steve Bunis, Sun Microsystems ***DoD 0795*** 93-ST1100
-- Itasca, IL ***AMA 682049*** ***STOC 008***
-- ***HRCA HM125617** "This Space for Rent"
-- *** N9VLP ***
--

5373. Cellular/Cordless Phone frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-06-21 15:12:29 UTC
From: snichol2@csc.com
Message-ID: <2u700t$b2s@explorer.csc.com>
Source record: 272870

Can anyone recommend a scanner that will receive both sets of the above frequencies that can still be purchased? I am sure that it will need some mods, but thats ok. The Cheaper the better...

snichol2@csc.com

5374. Re: Magnetic mount antenna question...

Newsgroup: rec.radio.scanner
Date: 1994-06-21 15:41:04 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1994Jun21.154104.20217@ke4zv.atl.ga.us>
Source record: 272733
Cross-posted to: rec.radio.scanner,rec.radio.cb

In article <2u6oie$9hp@dartvax.dartmouth.edu> Tim.Stammers@dartmouth.edu (Tim) writes:
>In article <1994Jun20.144904.15019@ke4zv.atl.ga.us>
>gary@ke4zv.atl.ga.us (Gary Coffman) writes:
>
>> Carnuba wax. Most materials you try will unacceptably reduce the required
>> capacitance coupling of the magmount to the vehicle body. This is what
>> gives the antenna it's necessary groundplane. A good heavy coat of carnuba
>> wax will prevent the bare *clean* magmount from scratching your car without
>> greatly affecting the capacitive coupling of the base to the vehicle.
>
>This sounds like a good idea. Where is carnuba wax sold?

This is the high quality paste wax used on cars before the advent
of the silicone marvels that just spray on and wipe off. It's the
old yellow wax that takes all afternoon to apply and laborously
rub off. It's still available under the Classic and Meggar labels.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

5375. Need freqs for United Airlines

Newsgroup: rec.radio.scanner
Date: 1994-06-21 15:49:38 UTC
From: Lee_Hines.M1@SMTP.esl.com
Message-ID: <Lee_Hines.M1-210694085312@m11003.esl.com>
Source record: 272872

I will be flying on UA on Thursday from SFO to Orlando and would like to
have freqs. to keep me entertained. :-)

--
Lee Hines - Builder/Owner
Gator's Golf

Views expressed here are not necessarily those of my employer.

Go Gators - '91&'93 SEC Champs
Go Dolphins

(FSU.........just go
away)
Work is for people who don't fish, hunt or play
golf.

5376. Re: Magnetic mount antenna question...

Newsgroup: rec.radio.scanner
Date: 1994-06-21 15:51:07 UTC
From: gary@ke4zv.atl.ga.us
Message-ID: <1994Jun21.155107.20337@ke4zv.atl.ga.us>
Source record: 272734
Cross-posted to: rec.radio.scanner,rec.radio.cb

In article <1994Jun21.080540.19786@Virginia.EDU> jmm5h@Virginia.EDU (Jason M. Michaels) writes:
>gary@ke4zv.atl.ga.us writes:
>> Carnuba wax. Most materials you try will unacceptably reduce the required
>> capacitance coupling of the magmount to the vehicle body. This is what
>> gives the antenna it's necessary groundplane. A good heavy coat of carnuba
>> wax will prevent the bare *clean* magmount from scratching your car without
>> greatly affecting the capacitive coupling of the base to the vehicle.
>
> Try the internal disk from a floppy disk. Sacrifice an
>old 3.5 or 5 1/4" disk by breaking it open and removing the
>magnetic medium. Like a previous poster suggested, a coat of
>carnuba wax (applied and not removed) at the site of the mount
>is a good idea.

This is not a good idea. Placing a conductive sheet between the mount and the car body creates two capacitors in series. As the formula for series capacitance will show [C=1/(1/C1+1/C2)], this *halves* the capacitance between the antenna and the car body. A layer of non-conductive wax only reduces the capacitance by the small amount that it increases spacing, a negligible change in this case as the wax only adds a few thousanths of an inch to the spacing, which is primarily determined by the paint thickness.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

5377. Pro-2024

Newsgroup: rec.radio.scanner
Date: 1994-06-21 16:16:03 UTC
From: slightbo@encore.com
Message-ID: <Crr96s.89D@encore.com>
Source record: 272874

I need a Owners manual for a 2024. And any mods that may be
available. I will pay any photocoping and mailing costs.
Thanks.

--
slightbo@encore.com
Sam

5378. Re: Magnetic mount antenna question...

Newsgroup: rec.radio.scanner
Date: 1994-06-21 16:39:16 UTC
From: Bob Fielder <rfielder@dsd1post.daytonoh.NCR.COM>
Message-ID: <CrrA9H.FEB@wtc35a.DaytonOH.NCR.COM>
Source record: 272737
Cross-posted to: rec.radio.scanner,rec.radio.cb

I have used duct tape on the base of magnetic mounts. It works very well. Just put a few strips across to cover it, then cut off the excess.

Bob

5379. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-21 16:48:53 UTC
From: erobins@cs.utah.edu
Message-ID: <2u75ll$di4@magus.cs.utah.edu>
Source record: 272726

In article <2u55m7$71k@samba.oit.unc.edu>, Sherrod.Munday@launchpad.unc.edu (Sherrod Munday) writes:

|> Excuse me for interjecting, but isn't anybody with a scanner able to track
|> siganl strenght without a court order? A simple signal strength meter and
|> a Yagi will do wonders, and tell you pretty well where the source of the
|> transmission is coming from. And No, it wouldn't be illegal to track the
|> signal strength, because all you have to do is monitor the presence of a
|> radio frequency, not the content or modulation of that frequency. In other
|> words, turn down your volume and track away. Now as to the legalities of

Yes, but how would you know which frequency his cellphone was using? HMMM??

|>
|> Sherrod
|> --
|> --
|> Launchpad is an experimental internet BBS. The views of its users do not
|> necessarily represent those of UNC, OIT, the SysOps or Captain Picard.
|> --

5380. Re: Need freqs for United Airlines

Newsgroup: rec.radio.scanner
Date: 1994-06-21 16:49:00 UTC
From: Jon.Spewak@launchpad.unc.edu
Message-ID: <2u75ls$61n@samba.oit.unc.edu>
Source record: 272725

In article <Lee_Hines.M1-210694085312@m11003.esl.com>,
Lee Hines <Lee_Hines.M1@SMTP.esl.com> wrote:
>I will be flying on UA on Thursday from SFO to Orlando and would like to
>have freqs. to keep me entertained. :-)

The frequencies airlines use are the frequencies of the air traffic
controllers at the airport. Getting a pilot's map will show the
frequencies for the airports.

Just to let you know, when you enter the plane they'll say "use of portable
electronic or cellular equipment is prohibited..." They will allow portable
computers, gameboys, discmans, walkmans, pacemakers, etc. Radios, TVs,
cellular phones/modems, etc. are not allowed.
--
-- --
Launchpad is an experimental internet BBS. The views of its users do not
necessarily represent those of UNC, OIT, the SysOps or Captain Picard.
-- --

5381. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-06-21 16:56:49 UTC
From: joerger@rd1.racal.com
Message-ID: <CrrB2q.81J@rd1.racal.com>
Source record: 272729

steven@sgb.oau.org (Steven Bradley) writes:

>Kenneth J Morrill (kmorrill@brahms.udel.edu) wrote:
>: Please e-mail me if you know of a source in the United States that
>: still sells the full-coverage Icom R-7100. Thank you heartily.
>: Sincerely,

> Does anyone knew if the R-7100 has a D.C. jack for 13.8v (mobile
>type power)?

> If so, you may be better off checking an overseas supplier and only
>purchase the (not banned) 13.8v D.C. to 120v A.C. mains adapter in the U.S.
>This would permit 800-900mhz reception, uninterrupted.

Yes, the 7100 can run from 13 vdc. As a matter of fact, it runs MUCH
cooler from 13vdc than from the 115vac supply. I recommend you run
from the 13vdc if you operate for extended periods.

73

--
+===+
| Richard Joerger |
| joerger@rd1.racal.com |
| Racal-Datacom, Sunrise FL |

5382. JDT

Newsgroup: rec.radio.scanner
Date: 1994-06-21 17:15:50 UTC
From: PER4442@DRAPER.COM
Message-ID: <PER4442.49.000C438E@DRAPER.COM>
Source record: 272873

HI JIM. KEEP SCANNING HHL.

5383. TAPING Conversations is ILLEGAL

Newsgroup: rec.radio.scanner
Date: 1994-06-21 17:17:20 UTC
From: r_egeland@cc.colorado.edu
Message-ID: <2u77b0$r00@lace.Colorado.EDU>
Source record: 272727

There seems to be some debate here about whether it is illegal to tape conversations heard on scanners. Fedral law (c. 1934) specifically prohibits the media or anyone else from recording any conversation not specifically intended for the receiving audience (the scanner listener). Any other actions such as playing back a recording are subsequently illegal.

As an ardent supporter of scanner rights, I favor this law. Listening to a scanner should be legal - using information from your scanner for your own benefit should not.

RDE

5384. Mobile Antenna Recommendations

Newsgroup: rec.radio.scanner
Date: 1994-06-21 17:28:48 UTC
From: llorance@netcom.com
Message-ID: <lloranceCrrCK2.38I@netcom.com>
Source record: 272732

I have a AOR AR1500 scanner and would like to connect this equipment to an external mobile antenna; any recommendations?

I contacted Grove and they recommended the Grove NoTenna (uses car chassis as antenna). Am somewhat skeptical....
--
llorance@netcom.com

5385. Re: Need freqs for United Airlines

Newsgroup: rec.radio.scanner
Date: 1994-06-21 17:39:45 UTC
From: el124@cleveland.Freenet.Edu
Message-ID: <2u78l1$4v7@usenet.INS.CWRU.Edu>
Source record: 272728

In a previous article, Jon.Spewak@launchpad.unc.edu (Jon Spewak) says:

>Just to let you know, when you enter the plane they'll say "use of portable
>electronic or cellular equipment is prohibited..." They will allow portable
>computers, gameboys, discmans, walkmans, pacemakers, etc. Radios, TVs,
~~~~~~~~~
>cellular phones/modems, etc. are not allowed.

Don't think so. Portable computers are one of the main things they
do NOT allow. I'm pretty sure that the other things you mention are
not allowed on commercial flights...except for the pacemaker!
It all depends on the carrier. Each have a different policy.
Just ask the captain about your scanner when you board the airplane. If
you ask the flight attendant, most likely you'll get a 'no!'.
On my last trip, the captain let me use my bc200xlt. However, on the
return trip, the captain said 'no'.
--
Mike Wilson COM-ASEL-IA
Spirit of St. Louis, MO
Email: Internet--wilson@sluvca.slu.edu ----------------------
Compuserve--75163,45
~~~~~~~~~

5386. Re: OJ Manhunt Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-06-21 17:41:39 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Jun21.094139.4188@cmkrnl>
Source record: 272770

In article <CrMn7I.F73@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley) writes:
> Wrong, a person can listen to the tape and hear the same first hand
> information you taped from the scanner. You are not attempting to
> profit from it, therefore since you are not "interpreting it" for
> someone and they are hearing the same info from the same source you
> did -- no law broken.

Izzat so??? Please note that the Communications Act of 1934 made no reference to tape recorders, nor to "interpreting" the information, nor to making a profit. It simply says that it's illegal to "divulge" the contents of the communication to a third party. Whether you do this by oral, written, or electronic transcription is not significant.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

5387. MAGNETIC MOUNT ANTENNA QUESTION...

Newsgroup: rec.radio.scanner
Date: 1994-06-21 17:43:04 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9406211743.0OW2A03@chrysalis.org>
Source record: 272678

there are commercially available mag mount "pads" available. something i use is a paper towel or a thin plastic bag type of plastic. use your imagination and see what holds well that you hve available. heck, even a piece of paper works.
73. b.

5388. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-21 17:47:06 UTC
From: glyle@marie.seas.ucla.edu
Message-ID: <1994Jun21.174706.25141@enterprise.rdd.lmsc.lockheed.com>
Source record: 272735

In article <2u55m7$71k@samba.oit.unc.edu>, Sherrod.Munday@launchpad.unc.edu (Sherrod Munday) writes:
|> In article <2u47fl$18no@hermes.acs.ryerson.ca>,
|> Calvin Henry-Cotnam <cal@ee.ryerson.ca> wrote:
|> >I just heard an interview on the radio with a representitive from the
|> >"umbrella group" that represents the cellular industry. He explained
|> >how position tracking is done, and stated that call content is not
|> >involved. A court order is needed to track position, but another court
|> >order, presumably one more difficult to get, is needed to intercept the
|> >conversation. The location tracking basically locates which cell site
|> >the call is being picked up by plus monitoring of actual signal strength
|> >which usually can get to within a mile of the location.
|>
|>
|> Excuse me for interjecting, but isn't anybody with a scanner able to track
|> siganl strenght without a court order? A simple signal strength meter and
|> a Yagi will do wonders, and tell you pretty well where the source of the
|> transmission is coming from. And No, it wouldn't be illegal to track the
|> signal strength, because all you have to do is monitor the presence of a
|> radio frequency, not the content or modulation of that frequency. In other
|> words, turn down your volume and track away. Now as to the legalities of
|> using that information to monitor the conversation or to present as
|> evidence in court for commision of a crime, I don't know. But the police
|> might be able to simply monitor the presence of the signal for solely
|> determining the location of a subject. This brings to mind the discussion
|> a few months ago about the technicalites of using a frequency counter to
|> find the frequency a cell phone is operating on.
|>
|> Sherrod

This idea would work if the cellphone of interest was the only phone using the frequency at the time. A key advantage of cellular technology is that one frequency can be used by several users at the same time. In the LA basin, having more than one user on a frequency is more the rule than the exception. The cell sites are somewhat directional and the system keeps track of what frequencies are in use (and where) to prevent intereference.

Also, cell phones can change frequencies on their own. If the phone moves from one cell to another, and the freq. in use would cause interference in the new cell, the phone automatically switches to a clear frequency.

This is good and bad. You can't easily track a cell phone with normal t-hunt techniques, but the cell-phone company can tell immediately

what cell a particular phone is in (as long as the phone is turned on).

In short, if you're on the lam, turn off the cell-phone!

George

5389. Blue Angels

Newsgroup: rec.radio.scanner
Date: 1994-06-21 17:48:50 UTC
From: griff@blue.weeg.uiowa.edu
Message-ID: <2u7962$m9d@blue.weeg.uiowa.edu>
Source record: 272731

Does anyone know what freq.s the Blue Angels use during their
shows? They will be here Saturday and I would love to listen in.
Thanks,
Dave
david-griffiths@uiowa.edu

5390. Re: Going Rate For Used Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-06-21 18:14:50 UTC
From: steven@sgb.oau.org
Message-ID: <CrrEos.2B0@sgb.oau.org>
Source record: 272761

James M. Ceravolo (ceravolo@pegasus.montclair.edu) wrote:
: I have a RS Pro-2006 that I'm THINKING, I repeat just THINKING of
: selling. It's modified for cellular and in mint(never left the house)
: condition. I haven't seen any for sale recently on this group, so
: can you suggest a selling price. Remember, I'm not selling it I'm just
: curious how much they go for used.

: Thanks,
: Jim C.

So what will we start the bidding at? $350? $400? $425? $450?
This is a rare piece of equipment, the risk of jail time if you are
caught importing it... possibility of felony conviction...

(some of the above was said sarcastically...)

Seriously, I know I can buy one at Radio Shack right now for $399,
as I just spoke to them on the phone. No shortage, not discontinued.
The change is one of the easiest available. From mail order, I think
that drops down to $350, maybe $340. If its in mint condition, I
would suggest $325 to $340. Not a penny over $375. Now add the
Opto-456 to it and it could become twice the value...

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5391. Re: Who sells Yupi's,anyone in U.S.?

Newsgroup: rec.radio.scanner
Date: 1994-06-21 18:17:52 UTC
From: steven@sgb.oau.org
Message-ID: <CrrEtt.2Cq@sgb.oau.org>
Source record: 272762

Michael Fink (habu@gate.net) wrote:
: Michael Schuster (schuster@panix.com) wrote:

: : No US dealer carries this scanner to my knowledge. ACE Communications
: : tried to get FCC approval for a cell-blocked version but failed. (This did
: : not stop them from tkaing orders for same, with indefinite waiting
: : period).

: : EDCO (EEB) has a cell-blocked AR8000 in the lab. They may distribute it
: : here this fall; if the scanner proves to be as good as it looks on paper,
: : you might pass by the MVT-7100 anyway.

: Thanks for the info,I was hoping there might be at least one place
: with a few for sale.

: Mike

Mike, there ARE some places in the U.S., they generally purchase a
single unit or two or three units, keep them a few weeks, use them,
and then resell them in the classifieds in the back of PopComm. That
is the only legal way they can resell them in the U.S. (using all
of the loopholes to do so). Do not expect a low price due to them
being used. It would appear to be a personal sale of used equipment.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5392. Re: JDT

Newsgroup: rec.radio.scanner
Date: 1994-06-21 18:34:24 UTC
From: PER4442@DRAPER.COM
Message-ID: <PER4442.50.000D92DB@DRAPER.COM>
Source record: 272730

In article <PER4442.49.000C438E@DRAPER.COM> PER4442@DRAPER.COM writes:
>From: PER4442@DRAPER.COM
>Subject: JDT
>Date: Tue, 21 Jun 1994 17:15:50 GMT

>HI JIM. KEEP SCANNING HHL.

Jim,

I accept no responsibilty for this posting.

Phil

P.S. but keep scanning

5393. Utah Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-21 19:22:06 UTC
From: james_zinn@byu.edu
Message-ID: <james_zinn-210694122206@128.187.26.143>
Source record: 272745

I'm in the Salt Lake City-Provo/Orem area and am searching for a good source of freqs. I have picked up a copy of Police Call and Beyond Police Call, however, I'm a little disappointed at their Utah listings (e.g. very little local media freqs, local universities, etc.). Can anyone help me? Or at least point me in the right direction? Also, what about local clubs or organizations?

--
James Zinn
EDP Auditor
Brigham Young University
email: james_zinn@byu.edu

5394. Re: Weird Frequency

Newsgroup: rec.radio.scanner
Date: 1994-06-21 20:07:56 UTC
From: soliver@vertigo.helix.net
Message-ID: <2u7has$7tn@vertigo.helix.net>
Source record: 272743

In article <2u61qq$f0e@nyx10.cs.du.edu>,
Matthew Stone <mstone@nyx10.cs.du.edu> wrote:
>
>Just wondering if someone can help me identify this frequency .. 154.7550
>Mhz. I am in Richmond HIll, Ontario and I was just listening to my scanner
>is somewhere up in Salt Ste Marie, Ontario... I have a Radio Shack Pro 43
>and my friend in Burling has a Bearcat 2500 ... Anyone out there know what
>this is. Oh yeah in both cities we heard it loud and clear...

You can start by describing what you heard on that frequency...

--
+---+
Sean R. Oliver <soliver@vertigo.helix.net>
* PGP KEY BY FINGER OR PGP SERVERS *
+---+

5395. Help wanted

Newsgroup: rec.radio.scanner
Date: 1994-06-21 20:11:52 UTC
From: grove@mercury.interpath.net
Message-ID: <2u7hi9$mer@redstone.interpath.net>
Source record: 272738

NTED: Prominent scanner and shortwave equipment and accessory company needs technical product support representative to answer customer telephone questions.

Applicant must be radio enthusiast familiar with scanners, shortwave receivers and accessories, willing to relocate to the beautiful, quiet mountains of North Carolina. Salary negotiable.

Send resume to Bob Grove at Grove Enterprises via BBS (Grove Systems BBS, 5 PM-8 AM Eastern, 704-837-7081/9200/5183/5957), U.S. Mail (PO Box 98, Brasstown, NC 28902), or FAX (704-837-2216)

5396. Reply to Tim Dobbins

Newsgroup: rec.radio.scanner
Date: 1994-06-21 20:33:32 UTC
From: grove@mercury.interpath.net
Message-ID: <2u7iqs$n23@redstone.interpath.net>
Source record: 272744

DATE: June 20, 1994
TO: Tim Dobbins
FROM: Bob Grove

Dear Tim:
I read the posting of 27 May which was laid on my desk today and was astounded by the naivete pervayed in it. Someone up there is working overtime embarassing himself!
It IS against the law to import into or market in the United States cellular-capable scanner and converters, although there are still some folks out there doing it. Javiation, a former MT advertiser and a British firm, was warned officially by the FCC not to advertise the MVT-7100; apparently Atlantic has not yet been notified. It is not unlawful for us to accept the advertising because we are not doing the marketing.
The FCC's Form 740, which allows an individual to import up to three non-type-accepted devices for his personal use, no longer applies to cellular-capable scanners.
As of about a month ago we were unaware of any U.S. Customs inspectors who had been officially notified of the contraband, but if they recognize the package, they have the right to confiscate it.
I was amused by the reference that we might have "sold out to the FCC." The FCC is regulatory agency, directed by Congress to enact certain rules and regulations. Did you "sell out to the IRS" by paying your taxes this year?
The availability of cellular-capable scanners IS drying up! We have watched as several models have fallen out of production, replaced by non-cellular-restorable follow-ons. As the cellular- capable PRO2006s are sold out (and they're going fast!), the new, non-restorable model, indistinguishable on the outside from the former model, is filling the void--but it isn't cellular- restorable.
Say what you wish about Grove Enterprises, me, and MT, but keep it accurate, not as misinformed as what was propagated in the 27 May disservice to your newsgroup.

5397. Re: 10 cordless freqs. ?

Newsgroup: rec.radio.scanner
Date: 1994-06-21 21:30:22 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CrrnqM.ItA@freenet.carleton.ca>
Source record: 272746
Cross-posted to: alt.radio.scanner,ncf.sigs.radio-scanner,rec.radio.scanner

In a previous article, mulligan@ACM.ORG (F. Barry Mulligan) says:

>> ... 10 common cordless phone frequencies ... I've since lost them..
>
>From the FAF - Frequently Asked Frequencies file on oak.oakland.edu:
>
>
>Cordless Telephone
>
> Channel Base Handset
>
> 1 46.610 49.670
> 2 B 46.630 49.845 Chs A - E handset
> 3 C 46.670 49.860 frequencies are also
> 4 46.710 49.770 used for baby room
> 5 D 46.730 49.875 monitors and low power
> 6 A 46.770 49.830 handie-talkies
> 7 E 46.830 49.890
> 8 46.870 49.930
> 9 46.930 49.990
> 10 46.970 49.970
>

BTW... I find monitoring the base stations is better as you can get both
sides of the call, The base also usually has a stronger signal...

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

5398. Re: Need freqs for United Airlines

Newsgroup: rec.radio.scanner
Date: 1994-06-21 21:45:53 UTC
From: kenw@col.hp.com
Message-ID: <2u7n2h$17u@hp-col.col.hp.com>
Source record: 272747

As a frequent United flyer and scanner enthusiast; here's what I do:

First, United has several business band frequencies; the most common being 460.675 (or thereabouts) and 460.725. There are also "company" frequencies of 129.3 and 129.5 MHz.

Probably the most fascinating frequencies would be the ground control and in-flight frequencies. For these, you won't even need a scanner, as United typically feeds all this stuff into channel 9 of their entertainment system. Be sure and ask a flight attendent to have the captain patch the flight comms into their system as you board.

Use of scanners and two-way radios (including cellular) is not allowed during flight per United policy. However, you are free to bring them aboard. At worst, a flight attendent will remind you of their policy. Obviously, you are free to listen from the terminal areas.

5399. Re: Weird Frequency

Newsgroup: rec.radio.scanner
Date: 1994-06-21 21:48:01 UTC
From: kenw@col.hp.com
Message-ID: <2u7n6h$1bu@hp-col.col.hp.com>
Source record: 272748

154.755 MHz is a police frequency allocation.

5400. Re: Am I ham licensed?

Newsgroup: rec.radio.scanner
Date: 1994-06-21 22:04:18 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.772236258@constellation.ecn.purdue.edu>
Source record: 272749

leber@panther.warm.inmet.com (Thomas Leber) writes:

>Does a Restricted Radiotelehone Operator Permit really allow you to operate
>a Commercial radio station? I got mine when I was taking flying lessons -
>at the time, it was necessary to operate an air band two-way for some
>reason (don't remember why).

I used to work in the Radio Business and was required to get
a Restricted Radiotelephone in order to keep the job. That was actually
a *relaxation*, since the Restricted required NO TEST, just fill out
a form and send it in. Prior to that you had to have minimally a Third
Class (back when there was First, Second and Third - I think now there
is just "General Radiotelephone").....which DID require a test..

Duane

5401. Re: TAPING Conversations is ILLEGAL

Newsgroup: rec.radio.scanner
Date: 1994-06-21 22:07:17 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.772236437@constellation.ecn.purdue.edu>
Source record: 272750

r_egeland@cc.colorado.edu writes:

>There seems to be some debate here about whether it is illegal to tape
>conversations heard on scanners. Fedral law (c. 1934) specifically prohibits
>the media or anyone else from recording any conversation not specifically
>intended for the receiving audience (the scanner listener). Any other actions
>such as playing back a recording are subsequently illegal.

>As an ardent supporter of scanner rights, I favor this law. Listening to
>a scanner should be legal - using information from your scanner for your own
>benefit should not.

EEyup, I agree. Check out Section 605 of the Communications
Act of 1934. That is essentially what it said, that you can LISTEN to
whatever you want, but you cannot DIVLUGE anything you hear except
for broadcast, Amateur and communications related to ships and planes
in distress.

Kind of makes you wonder why the ECPA (Electronic Communications
Piracy Act, IMHO) was even needed, doesn't it?

Duane

5402. Ham/Macintosh BBS

Newsgroup: rec.radio.scanner
Date: 1994-06-21 22:57:14 UTC
From: peterd@cais2.cais.com
Message-ID: <2u7r8a$ids@sun.cais.com>
Source record: 272773

Gallery's BBS moved to a new phone number at 202-298-6009.
We feature Macintosh shareware for ham radio and other general use
files for the Mac.The system is free and all callers are welcome.No
download/upload ratios or any other restrains.
Settings are standard modem ones and it supports calls up to 9600 bd
Thanks for reading this and hope to see a few more users logging in..
73's de Paulo,N3MGA
paulot@cais2.cais.com

5403. Re: TAPING Conversations is ILLEGAL

Newsgroup: rec.radio.scanner
Date: 1994-06-21 23:13:12 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun21.231312.14482@hpcvaac.cv.hp.com>
Source record: 272751

wb9omc@constellation.ecn.purdue.edu (Duane P Mantick) writes:
: r_egeland@cc.colorado.edu writes:
:
: >There seems to be some debate here about whether it is illegal to tape
: >conversations heard on scanners. Fedral law (c. 1934) specifically prohibits
: >the media or anyone else from recording any conversation not specifically
: >intended for the receiving audience (the scanner listener). Any other actions
: >such as playing back a recording are subsequently illegal.
:
: >As an ardent supporter of scanner rights, I favor this law. Listening to
: >a scanner should be legal - using information from your scanner for your own
: >benefit should not.
:
:
: EEyup, I agree. Check out Section 605 of the Communications
: Act of 1934. That is essentially what it said, that you can LISTEN to
: whatever you want, but you cannot DIVLUGE anything you hear except
: for broadcast, Amateur and communications related to ships and planes
: in distress.

However, none of this has anything to do with recording - and listening
later. Nothing in the Act prohibits doing so.

: Kind of makes you wonder why the ECPA (Electronic Communications
: Piracy Act, IMHO) was even needed, doesn't it?

It wasn't.

Bill

5404. Re: LA Cellular Scanning...

Newsgroup: rec.radio.scanner
Date: 1994-06-21 23:20:50 UTC
From: henniger@crl.com
Message-ID: <2u7ski$5g7@crl.crl.com>
Source record: 272752

domonkos@access.digex.net (Andy Domonkos) writes:

>In article <2tube2$4j7@search01.news.aol.com>, Boothc416 wrote:
>>
>> Hmm, If he was talking on the ol' cell phone, and the LAPD knew it
>> was his, could'nt they pin-point his exact location.... using some
>> variation of triangulation? Seems like it would be pretty easy.
>> --
>Cellular phones have ID's that are picked up by cellular sites. The cellular
>sites change as a person moves out of one site into another. The phone
>company computers monitor these transitions making tracking an easy task.
>No triangulation needed, just watch the site transitions...

>Andy
Keep in mind that you don't have to be talking. The phone just has to be
powered on. The phone's job is to periodically register with the closest
cell site. The information of what commute *EVERY* powered up cellphone
takes is in the computer... of course the cellular carriers would not
look at this information - that might be an invasion of privacy.

Mick
(wb5von)

5405. Re: Weird Frequency

Newsgroup: rec.radio.scanner
Date: 1994-06-21 23:37:23 UTC
From: jwh@kaiwan.com
Message-ID: <2u7tjj$iuk@kaiwan.kaiwan.com>
Source record: 272753

There has been a lot of skip lately, even on frequencies in the 100+ MHz range. Did the transmission content sound like it had to do with the frequency listed? Did you notice any thing special about the conversation?

John Herndon (jwh@kaiwan.com)
--
: ONE STOP TECH SHOP BBS * (310) 421-6766 * 24 Hours * USR 14.4 DS * 8/N/1 :
: Ham Radio * Scanners * Shortwave Listening * CAD/CAM/CAE * Satellites :
: Groom Lake/Area 51/S4 * X-Planes & Black Budgets * 500 Megs + 3 CD-ROMs :
: Call and share your interests & knowledge with others! :

5406. Re: Need freqs for United Airlines

Newsgroup: rec.radio.scanner
Date: 1994-06-22 00:12:06 UTC
From: dwillson@pcwizard.almaden.ibm.com
Message-ID: <2u7vkm$odq@juniper.almaden.ibm.com>
Source record: 272754

In <withrow.416.000E5E1F@lims01.lerc.nasa.gov>, withrow@lims01.lerc.nasa.gov (Jim Withrow) writes:
>The FAR's (91.21) specifically allow:
> Portable voice recorders
> Hearing aids
> Heart pacemakers (The FAA is being nice here!)
> Electric Shavers
>
>or
>
> Any other portable electronic device that the operator of the aircraft
> has determined will not cause interference with the navigation or
> communication system of the aircraft on which it is to be used.
>
>The FAR's go on to say that determination shall be made by the operator of
>the aircraft (in this case United Airlines). (Technically the United pilot
>could not make this determination.)

Actually from a LEGAL FAA standpoint the PIC (Pilot in Command) of the aircraft has the ultimate responsiblity. United may make rules that are 'condition of employment' for that pilot. But if something goes wrong the pilot will be the one at fault.

Every flight I have been on has allowed computers and CD players AFTER reaching cruise altitude. Radios are discouraged by the flight attendants, but if the pilot says OK then it's allowed. Cellular Phones are not permitted by FCC regulations do to the number of Cells affected from an airplane.

Dennis

5407. Re: Magnetic mount antenna question...

Newsgroup: rec.radio.scanner
Date: 1994-06-22 00:32:29 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Jun22.003229.24533@alw.nih.gov>
Source record: 272755
Cross-posted to: rec.radio.scanner,rec.radio.cb

Jason M. Michaels (jmm5h@Virginia.EDU) wrote:
: Try the internal disk from a floppy disk. Sacrifice an
: old 3.5 or 5 1/4" disk by breaking it open and removing the
: magnetic medium. Like a previous poster suggested, a coat of
: carnuba wax (applied and not removed) at the site of the mount
: is a good idea.

Wouldn't you wind up with brown metal oxide glued to your paint job? Do
disks flake apart the same way that tapes do?

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: +1 301 402 4030
Bethesda, MD 20892 Fax: +1 301 402 2867

5408. Re: Blue Angels

Newsgroup: rec.radio.scanner
Date: 1994-06-22 00:46:27 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-210694164622@m12009.esl.com>
Source record: 272757

In article <2u7962$m9d@blue.weeg.uiowa.edu>, griff@blue.weeg.uiowa.edu (David Griffiths) wrote:

> Does anyone know what freq.s the Blue Angels use during their
> shows? They will be here Saturday and I would love to listen in.
> Thanks,
> Dave
> david-griffiths@uiowa.edu

This was posted a while ago on the net, and I have not verified it's accuracy.
I hope you enjoy the show and good listening to you.
MAD

USN BLUE ANGELS FREQS.
======================
Not all frequencies are used at all airshows. During practice, channel usage may not conform to actual airshow usage.

Maintenance / Flightline

142.000 Alpha Maintenance (AM) - rpts. on A-A channel
143.000 Bravo Maintenance (AM) - rpts. on A-A channel
141.560 Charlie Maintenance
142.025 Delta Maintenance (ground support) in
142.625 Delta Maintenance out
143.600 Ch. 10 Maintenance
263.350 Flight Line Common Maintenance
142.260 Unknown
142.2625 Unknown
142.265 Unknown

Flight - Air-to-ground

118.100 Unknown
118.200 Unknown
121.900 Ground Support (refueling, etc.)
123.400 Common Control
123.450 Common Control
251.600 A-A 8 (planes 5-6, the "soloists)
307.700 A-A 16 (All 6 aircraft)
302.150 A-A 17 (All 6 aircraft - alternate)
275.350 A-A (Diamond formation - planes 1-4)
246.400 A-A (Solo/2-Team)
251.800 A-A 19 (planes 5-6)

302.100 Talkback (?)
348.600 Ground Support (?)
360.400 Soloists (?)
362.600 Air Show Control (?)

241.400 A-A 382.500 A-A
245.900 A-A 384.400 A-A
250.800 A-A 391.100 A-A
263.500 A-A 391.900 A-A
318.900 A-A 395.500 A-A
345.900 A-A 395.900 A-A
--
---
originator of this listing:
T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu
Finger weasel@acca.nmsu.edu for PGP public key

The opinions expressed here are | Covering 100KHz to 2GHz contigous.
my own but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

5409. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-22 01:05:24 UTC
From: wsmith@huey.csun.edu
Message-ID: <wsmith.12.2E078E52@huey.csun.edu>
Source record: 272756

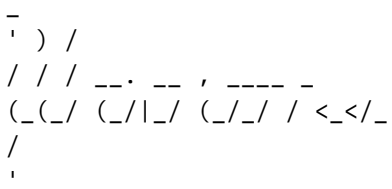
In article <devilCroyE6.CA0@netcom.com> devil@netcom.com (Tom McWilliams) writes:
>From: devil@netcom.com (Tom McWilliams)
>Subject: Re: OJ's Cellular
>Date: Mon, 20 Jun 1994 10:27:42 GMT

>Neil Weisenfeld (weisen@alw.nih.gov) wrote:
>: With regard to the comment that
>: someone else made about OJ being tracked by his cellular transmissions,
>: I *think* that you misunderstood. The *police*, apparently with
>: cooperation from the cell service company, tracked OJ.

>I'm sure the police and PacTel (Airtouch) were on him fast. Tracking a
>cell-phone might not even be considered 'tapping' a phone line if they
>claim they did not listen to the conversation. Maybe OJ will use this in
>court. It's easy to trick that DA, as we've all seen in the past. As
>for tracking a cell phone, I have a PacTel(Airtouch) Teletrac in my car
>which uses the same cell sites as the phones. Pac tel can tell me where
^^^^
No. Teletrac uses many high-altitude (i.e. not cell sites) sites in the
LA Basin. These sites are connected together to a central location in
real-time. I believe Teletrac determines location by minute time
differences in the transmission reception by more than one site.

>my car is down to the cross streets in less than a minute when I call them.
>They definitely know what they're doing!

Wayne



5410. Re: Legal rights to see FCC license?

Newsgroup: rec.radio.scanner
Date: 1994-06-22 01:24:01 UTC
From: wsmith@huey.csun.edu
Message-ID: <wsmith.13.2E0792AF@huey.csun.edu>
Source record: 272758

In article <1994Jun21.063830.21723@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
>From: billn@hpcvaac.cv.hp.com (bill nelson)
>Subject: Re: Legal rights to see FCC license?
>Date: Tue, 21 Jun 1994 06:38:30 GMT

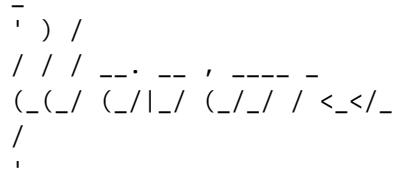
>Sherrod.Munday@launchpad.unc.edu (Sherrod Munday) writes:
>:
>: What are the rights of the citizens to walk into a police station and ask
>: to see the FCC frequency licenses issued to the station? I'm under the
>: impression that the Freedom of access to information act (or whatever it's
>: called) gives citizens the rights to public documents, and I'm also under

>I don't know about that. However, you can obtain the frequencies that were
>assigned to the police department from the FCC.
>Of course, you will have to pay for that privilege.
^^^^^^^^^^^^^^^^^^^^
Whoa! As taxpayers, didn't we already pay for the data collection,
entry, and validation of license applications? I wouldn't mind paying
to *access* the data (the output side of the puzzle). if I didn't
have to pay for the *entry* (the input side of the puzzle) as well.

I believe that we *must* pay for one side of the FCC records puzzle;
however, we shouldn't have to pay for both sides.

<much interesting stuff deleted>

Wayne



5411. Re: CNN & cellphone scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-22 01:27:05 UTC
From: wsmith@huey.csun.edu
Message-ID: <wsmith.14.2E079366@huey.csun.edu>
Source record: 272759

In article <2u4l5o$g10@search01.news.aol.com> ssouva@aol.com (SSouva) writes:
>From: ssouva@aol.com (SSouva)
>Subject: Re: CNN & cellphone scanning
>Date: 20 Jun 1994 13:55:04 -0400

>In article <2u48dq$e6a@ams.amsinc.com>,
>warnickj@pentagon-hqdadss.army.mil (JWarnick) writes:

>> Did everyone see CNN's coverage of the west-coast murder story and
>> subsequent chase? This weekend, CNN was airing a recording of a
>cellular
>> 911 call made from the Bronco the police were following.

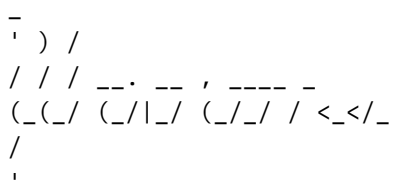
>> Is cellphone monitoring illegal, or are the laws different for
>liberal news shows?
>> Do press credentials somehow confer more monitoring rights?

>I'd bet they got their recording from the law enforcement
>authorities. Are all 911 calls recorded for the records? Check out

In Los Angeles, not only are all 911 calls taped, but you can,
for a small fee, obtain a copy of a 911 call to which you are
a party.

>the "911" TV shows that always have a recording of the original
>conversation.

Wayne



5412. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-22 01:31:07 UTC
From: wsmith@huey.csun.edu
Message-ID: <wsmith.15.2E079459@huey.csun.edu>
Source record: 272760

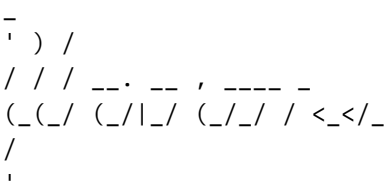
In article <9406200503.AA150433@f217.n202.z1.fidonet.org>
Bud_Jamison@f1010.n202.z1.fidonet.org writes:
>Date: Mon, 20 Jun 94 02:14:56 -0800
>From: Bud_Jamison@f1010.n202.z1.fidonet.org
>Subject: OJ's Cellular

>RMF> BTW:) How long do you think it will be before the LA police
>encrypt
>RMF> their radios, they must have been pissed about everything that
>happened.

>L.A. PD is in the first stages of installing a new 800 mhz trunked
>radio system, that will have DIGITAL voice comms. Try monitoring
>THAT...

As far as I know, LAPD is not pursuing an 800 Mhz trunked system.
They are, however, midway through a transision to the new Motorola
ASTRO handheld radio (that does (grin) have voice encryption). 484 Mhz
and 506 Mhz (non-trunked, by definition> frequencies will be used
in the new LAPD system.

Wayne



5413. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-22 02:57:10 UTC
From: stevenp@connected.com
Message-ID: <2u89a6$o2e@gibeah.connected.com>
Source record: 272765

Previously in Message <1994Jun19.211347.27980@alw.nih.gov>, Neil Weisenfeld wrote:

> Well, if *I* were the CNN reporter, I certainly wouldn't admit on TV to
> listeing to cellular as it's illegal. With regard to the comment that
> someone else made about OJ being tracked by his cellular transmissions,
> I *think* that you misunderstood. The *police*, apparently with
> cooperation from the cell service company, tracked OJ. It seems
> unlikely that the reporter's friend had the equipment to decode the
> control channel and tell where the cell was located. You may be right,
> but I'm guessing that you misheard.

Huh? The chopper is flying in the same site that O.J. was driving in. All he had to do was scan the cell band until he found the call. When the call handed off to the next cell he just would scan until he found it again. Nothing hard about it at all.

We did not mishear. The guy plainly announced to the world that he was listening to O.J.s Cell call on his scanner.

5414. Re: Going Rate For Used Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-06-22 03:05:13 UTC
From: merlin@ripco.com
Message-ID: <Crs38q.DJ5@rci.ripco.com>
Source record: 272763

Steven Bradley (steven@sgb.oau.org) wrote:
: So what will we start the bidding at? $350? $400? $425? $450?
: This is a rare piece of equipment, the risk of jail time if you are
: caught importing it... possibility of felony conviction...

: (some of the above was said sarcastically...)

: Seriously, I know I can buy one at Radio Shack right now for $399,
: as I just spoke to them on the phone. No shortage, not discontinued.
: The change is one of the easiest available. From mail order, I think
: that drops down to $350, maybe $340. If its in mint condition, I
: would suggest $325 to $340. Not a penny over $375. Now add the
: Opto-456 to it and it could become twice the value...

I just got off the phone with Grove. The lady said they have 22 in stock,
with another shipment coming in soon. The price was either 359 or 349, I
don't remember.
--

| Brian Newman |
| merlin@rci.ripco.com |

5415. Re: I changed pro-2006 Xtal to 15MHZ..it works faster

Newsgroup: rec.radio.scanner
Date: 1994-06-22 03:17:10 UTC
From: henniger@crl.com
Message-ID: <2u8afm$q06@crl.crl.com>
Source record: 272764

Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:

> -=> Quoting Mickey R Henniger to All <=-

> MRH> On the microprocessor board (behind the keypad) I found a 3 legged
> MRH> crystal + dual capacitor combo thingie. I unsoldered it and replaced
> MRH> it with a 15 Mhz crystal. It works okay. Scanning speed up to about
> MRH> 38.5 channels / sec.
> MRH>

> Hi, Mick...
> This modification is one that is described in Bill Cheek's Scanning
>Modification books. He recommends not going past 16 Mhz as this will
>overwork the microprocessor.
> Jerry
>

Bill Cheek does not describe a mod for changing the Xtal on the 2006.
He has mods described for the 2004 and 2005 (up to 10 Mhz).

The reason for my post was:
1. The mod also works on the 2006.
2. In at least one case, 15 Mhz (not Bill's recommended 10) worked
3. I wanted to quantify the resultant speed for any who wished to
try it.

Mick
(wb5von)

5416. Re: Legal rights to see FCC license?

Newsgroup: rec.radio.scanner
Date: 1994-06-22 04:16:56 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun22.041656.20645@hpcvaac.cv.hp.com>
Source record: 272767

wsmith@huey.csun.edu (Wayne Smith) writes:
: In article <1994Jun21.063830.21723@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
:
: >I don't know about that. However, you can obtain the frequencies that were
: >assigned to the police department from the FCC.
: >Of course, you will have to pay for that privilege.
: ^^^^^^^^^^^^^^^^^^^
: Whoa! As taxpayers, didn't we already pay for the data collection,
: entry, and validation of license applications? I wouldn't mind paying
: to *access* the data (the output side of the puzzle). if I didn't
: have to pay for the *entry* (the input side of the puzzle) as well.
:
: I believe that we *must* pay for one side of the FCC records puzzle;
: however, we shouldn't have to pay for both sides.

Why not? It costs to produce the reports. There is no reason that the people obtaining the licenses should have to pay that cost. That means that the non-government users should pay for their data. We all pay for the use of it by the government.

Bill

5417. Re: Need freqs for United Airlines

Newsgroup: rec.radio.scanner
Date: 1994-06-22 04:19:10 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun22.041910.20735@hpcvaac.cv.hp.com>
Source record: 272766

dwillson@pcwizard.almaden.ibm.com (Dennis Willson) writes:
: >
: >The FAR's go on to say that determination shall be made by the operator of
: >the aircraft (in this case United Airlines). (Technically the United pilot
: >could not make this determination.)
:
: Actually from a LEGAL FAA standpoint the PIC (Pilot in Command) of the aircraft
: has the ultimate responsiblity. United may make rules that are 'condition of
: employment' for that pilot. But if something goes wrong the pilot will be the
: one at fault.

That only means that the PIC can make more restrictive rules than those imposed by the operator. Thus, if the airline says, "no computers or scanners", then he is breaking the FARs by allowing them.

: Every flight I have been on has allowed computers and CD players AFTER reaching
: cruise altitude. Radios are discouraged by the flight attendants, but if the
: pilot says OK then it's allowed. Cellular Phones are not permitted by FCC
: regulations do to the number of Cells affected from an airplane.

Then, is suspect that the airline allows them.

Bill

5418. motorola HT's

Newsgroup: rec.radio.scanner
Date: 1994-06-22 04:22:01 UTC
From: mpage@netcom.com
Message-ID: <mpageCrs6sp.5w7@netcom.com>
Source record: 272768

I am looking for either the user manuals or tech manuals (or both) for
MOtorola HT600 & MT1000. I would also love to purchase the eans to program
both of them. I know it needs a hardware harness which connects to a computer
and the software...
--
==========
Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
MEDIA PAGE
Internet: mpage@netcom.com Breaking News Stories to
CIS: 71674,1610 the News Media since 1978
==========

5419. Halifax N.S. Freqs...

Newsgroup: rec.radio.scanner
Date: 1994-06-22 06:35:00 UTC
From: steven.barrow@canrem.com
Message-ID: <60.5391.5773.0N1A34FF@canrem.com>
Source record: 272771

I will taking a small vacation in Halifax during the first an second week in July.

Can someone give me a list of the "action" freq. such as police fire and amdulance.

Also any freq. of the ship yards.

Thanks.

---
* OLX 2.1 TD * Internet: steven.barrow@canrem.com Fido: 1:229/15

5420. HANDIC 0050

Newsgroup: rec.radio.scanner
Date: 1994-06-22 07:02:53 UTC
From: gmhaug@cmr.no
Message-ID: <2u8nmt$13e@due.uninett.no>
Source record: 272772

A friend of mine has the HANDIC 0050 scanner, made in Sweden I believe.
Can you out there in netland give me a pointer to where we can find
MODS for this scanner. Perheps it is sold in US with another name.
Information will be greatly appriciated. Thanks.

5421. Re: Anyone remember the Regency HX-1000?

Newsgroup: rec.radio.scanner
Date: 1994-06-22 09:05:05 UTC
From: jmm5h@Virginia.EDU
Message-ID: <1994Jun22.090505.1383@Virginia.EDU>
Source record: 272677

scan911@aol.com writes:
> Nothing will ever come close to the HX-1000, unless you use
> commercial land mobile equipment, which I do. I wish I never got rid
> of my HX-1000 years ago. The Uniden stuff just never comes close to
> what Regency was doing.
>
> scan911@aol.com
>
>
>
I loved that radio too. Press the "push to talk"
switch and the display would light up! It looked so much like
a two-way radio people would often pick it up and try to talk
into it. I wish I still had it. It was one of many scanners
along the evolution to my career in electronics.

5422. Re: Magnetic mount antenna question...

Newsgroup: rec.radio.scanner
Date: 1994-06-22 12:23:58 UTC
From: powell@unislc.slc.unisys.com
Message-ID: <1994Jun22.122358.11128@unislc.slc.unisys.com>
Source record: 272645
Cross-posted to: rec.radio.scanner,rec.radio.cb

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: In article <2u3v9b$bmo@dartvax.dartmouth.edu> Tim.Stammers@dartmouth.edu (Tim) writes:
: >Does anyone out there know of something that can be put in between the
: >surface of the vehicle and the magnet mount of the antenna, so that the
: >antenna can be removed without damaging the paint? In the past I tried
: >a piece of leather and another time a piece of felt, but neither one
: >worked very well. Please post any ideas that you may have. Thanks in
: >advance!

: Carnuba wax. Most materials you try will unacceptably reduce the required
: capacitance coupling of the magmount to the vehicle body. This is what
: gives the antenna it's necessary groundplane. A good heavy coat of carnuba
: wax will prevent the bare *clean* magmount from scratching your car without
: greatly affecting the capacitive coupling of the base to the vehicle.

You will find difficulty getting anything to work. Most of the damage
(scratching) is done by dirt, dust, etc. particles getting under the magnet.
As the antenna vibrates, scratches are formed. I use two mag-mounts, one on
the front and one on the back. I have never been able to stop the "stuff"
from getting under the magnet.
--
|
/_/\ I never met a cat | Frank PoWell
(o.o) I didn't like! | powell@slc.unisys.com
> - < N7KSK __,,,^..^,,,__ |

5423. Re: Skip

Newsgroup: rec.radio.scanner
Date: 1994-06-22 12:35:55 UTC
From: jkearman@arrl.org
Message-ID: <1994Jun22.123555.3953@arrl.org>
Source record: 272649

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: In article <2u2c6g$lar@clarknet.clark.net> phyllis@clark.net () writes:

: >On Saturday I wa slistening to 154-155. I was receiving signals from
: >Pa,Delaware and New Jersey. I live in Baltimore. The time was about 7pm,
: >is this what is known as skip?
: >Thanks, Phil

: In this frequency range, this is called ducting (or troposheric ducting). It
: is different from "skip" or sporadic E, in that the signals are not bouncing
: off the ionosphere but rather "hug" the ground because of realtive
: temperatures and other factors.

Sporadic E propagation has been reported at frequencies higher than 155 MHz; propagation between PA, DE, NJ and MD was probably the result of what's called "tropo." Short for "tropospheric," tropo is often mistaken for ducting. Tropo is often associated with stalled high pressure systems, such as the one that sat on the Northeast last week. The boundary between two air masses of different temperatures refracts vhf and uhf signals. This boundary region may be several thousand feet about the ground.

Ducting is a less-common propagation mode. A tropospheric duct acts like a pipe, channeling radio waves from one point to another. Both transmitting and receiving antennas must be within the duct. Tropo ducting has been credited for allowing vhf and uhf signal propagation between Hawaii and California. Hams on both ends find they can locate the terminal points of the duct by driving up and down the mountains in their respective states.

The American Radio Relay League, a non-profit organization of ham radio operators by whom I am employed, publishes a couple of books on propagation, antennas and related matters. Some of these books may be available in your library. Email your snail mail address for a catalog.

Regards,

Jim Kearman, KR1S

5424. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-22 12:36:18 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Jun22.123618.22111@rsd.dl.nec.com>
Source record: 272679

In article <2u75ll$di4@magus.cs.utah.edu> erobins@cs.utah.edu (Everett Robinson) writes:
>In article <2u55m7$71k@samba.oit.unc.edu>, Sherrod.Munday@launchpad.unc.edu (Sherrod Munday) writes:
>
>|> Excuse me for interjecting, but isn't anybody with a scanner able to track
>|> siganl strenght without a court order? A simple signal strength meter and
>|> a Yagi will do wonders, and tell you pretty well where the source of the
>|> transmission is coming from. And No, it wouldn't be illegal to track the
>|> signal strength, because all you have to do is monitor the presence of a
>|> radio frequency, not the content or modulation of that frequency. In other
>|> words, turn down your volume and track away. Now as to the legalities of
>
> Yes, but how would you know which frequency his cellphone was using? HMMM??
>

Well, it's simple really. Just get real close to his truck and turn on
your freq counter, and... :-)

dave

5425. Re: TAPING Conversations is ILLEGAL

Newsgroup: rec.radio.scanner
Date: 1994-06-22 12:42:50 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Jun22.124250.22179@rsd.dl.nec.com>
Source record: 272680

In article <2u77b0$r00@lace.Colorado.EDU> r_egeland@cc.colorado.edu writes:
>There seems to be some debate here about whether it is illegal to tape
>conversations heard on scanners. Fedral law (c. 1934) specifically prohibits
>the media or anyone else from recording any conversation not specifically
>intended for the receiving audience (the scanner listener). Any other actions
>such as playing back a recording are subsequently illegal.
>
>As an ardent supporter of scanner rights, I favor this law. Listening to
>a scanner should be legal - using information from your scanner for your own
>benefit should not.

I don't believe this is completely correct. There was a modification to
the Communications Act of 1934 in 1951 which speciffically forbade
broadcasters from recording or retransmitting telephone calls or
interviews without the knowledge of the person(s) being recorded. At one
time they were required to send a 1KHz tone over the phone to "inform"
the person that he was being recorded. As far as I know there is nothing
regarding the Act which deals with recording at all. Only divulging the
contentents of certain kinds of transmissions is dealt with.

dave
==========
Dave Rogers Internet: dave@rsd.dl.nec.com
M & R Software, Inc. CIS: 76672,2455

In the absence of leadership, we have decided to follow ourselves.

5426. Re: Anyone remember the Regency HX-1000?

Newsgroup: rec.radio.scanner
Date: 1994-06-22 13:33:16 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CrswBG.A5q@nntpa.cb.att.com>
Source record: 272681

My wife owned a Regency HX-1000, and it was a decent scanner.
Although built with the quality of an industrial grade radio, it was
large and heavy by today's standards and the audio suffered from
a high frequency hiss.

Don't forget the later models -- the HX-1200 and HX-1500.
They were pretty neat, too. All three models were manufactured
by Azden.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5427. Antenna Frustration...

Newsgroup: rec.radio.scanner
Date: 1994-06-22 13:51:58 UTC
From: judice@sulaco.enet.dec.com
Message-ID: <2u9flu$kkb@nntpd.lkg.dec.com>
Source record: 272682

First of all.... $*#*#*#*@!!!!!

Now that I've calmed down... I recently installed a Grove Scantenna on the highest point on my house, with 50' of RG6 (Grove recommended) lead in wire to a RS 2026 scanner. I live in western Jersey in the middle of three NWS transmitters - Allentown, New York and Philadelphia. I now receive Philadelphia very well, New York moderately well and Allentown poorly. My location is on the side of a mountain, so it's not unexpected that reception OVER the mountain would be poor.

BUT... Last night I connected my $15 Radio Shack "Ground Wave" base antenna to the scanner with 3 feet of (RG9 - I think, thick coax with PL259 connectors on both ends), held it in the middle of my living room and got NY, Phil and Allentown perfectly.

Is my problem:

- losses on the 50' of RG6?
- directional problems (the Scantenna is mounted on the chimney, off of a metal mounting mast)?
- The Scantenna itself? (I followed directions putting it together)

Thanks!

Signed,
Frustrated in New Jersey,
judice@sulaco.enet.dec.com

5428. Re: Legal rights to see FCC license?

Newsgroup: rec.radio.scanner
Date: 1994-06-22 13:55:10 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.339.000DEBD6@ccm.hf.intel.com>
Source record: 272712

In article <wsmith.13.2E0792AF@huey.csun.edu> wsmith@huey.csun.edu (Wayne Smith) writes:
> ^^^^^^^^^^^^^^^^^^^
> Whoa! As taxpayers, didn't we already pay for the data collection,
> entry, and validation of license applications? I wouldn't mind paying
> to *access* the data (the output side of the puzzle). if I didn't
> have to pay for the *entry* (the input side of the puzzle) as well.

> I believe that we *must* pay for one side of the FCC records puzzle;
> however, we shouldn't have to pay for both sides.

Unless things have changed, it doesn't cost anything to view the records. I used to go to the FCC office in San Francisco and view the microfiche on their reader. (that was in the early 80's) Bill, did they change the policy?

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5429. Motorola wt mike needed.

Newsgroup: rec.radio.scanner
Date: 1994-06-22 14:08:11 UTC
From: ac409@cleveland.Freenet.Edu
Message-ID: <2u9gkb$9c7@usenet.INS.CWRU.Edu>
Source record: 272683

Does anyone know of a good place to buy mike's for Motorola wts?
My employer refuses to spend 'Big money' on mikes for our wts.
--
John M Thompson
Cleveland Free-Net ID AC409
Inter-Net ID AC409@cleveland.freenet.edu

5430. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-22 14:35:06 UTC
From: rausch@flounder8.Berkeley.EDU
Message-ID: <2u9i6q$j5e@delphinium.cig.mot.com>
Source record: 272701

In article <1994Jun21.174706.25141@enterprise.rdd.lmsc.lockheed.com>,
glyle@marie.seas.ucla.edu (George Lyle (233789)) writes:
|> In article <2u55m7$71k@samba.oit.unc.edu>, Sherrod.Munday@launchpad.unc.edu (Sherrod
Munday) writes:
|> |> In article <2u47fl$18no@hermes.acs.ryerson.ca>,
|> |> Calvin Henry-Cotnam <cal@ee.ryerson.ca> wrote:
|> |> >I just heard an interview on the radio with a representitive from the
|> |> >

[snip}

----> Just a couple of points:

|>
|> This idea would work if the cellphone of interest was the only phone
|> using the frequency at the time. A key advantage of cellular technology
|> is that one frequency can be used by several users at the same time. In
|> the LA basin, having more than one user on a frequency is more the rule
|> than the exception. The cell sites are somewhat directional and the
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
|> system keeps track of what frequencies are in use (and where) to prevent
|> intereference.

----> Omni sites are not directional and sector sites are directional.

|>
|> Also, cell phones can change frequencies on their own. If the phone
^^
|> moves from one cell to another, and the freq. in use would cause
|> interference in the new cell, the phone automatically switches to
|> a clear frequency.
|>

----> cell phones only change frequencies on command from the cellular
----> system. The frequency change is to hand-off the cell phone to a new
----> cell site, not because of interference. As the power level from a
----> cell phone gets weak the cell site will command the cell phone to
----> increase it's power out. Once the power out can not be raised any
----> more and the power received by the cell site is at the minimum
----> allowable (typically -100dbm) the switch will have the surrounding
----> cells measure the cell phone's signal strenght with their scanning
----> receivers. The site with the strongest signal will be the site to
----> which the call will be handed off to.
---->
----> Interference is controlled by the frequency reuse pattern that is
----> inplemented when the system is designed and setup.

```
|> This is good and bad. You can't easily track a cell phone with normal
|> t-hunt techniques, but the cell-phone company can tell immediately
|> what cell a particular phone is in (as long as the phone is turned on).
|>
|> In short, if you're on the lam, turn off the cell-phone!
|>
|> George
```

```
----> David
--
-------------------------------------------------------------------------
David R. Rausch /\ /\ Motorola Cellular Infrastructure
rausch@cig.mot.com / \/ \ (my words, not Motorola's)
-------------------------------------------------------------------------
```

5431. Wanted: ND Frequencies for...

Newsgroup: rec.radio.scanner
Date: 1994-06-22 14:38:27 UTC
From: jomurphy@plains.NoDak.edu
Message-ID: <CrszC3.29po@ns1.nodak.edu>
Source record: 272684

Subject: Wanted: ND Frequencies for...
Newsgroups: rec.radio.amateur
Organization: North Dakota Higher Education Computing Network
Summary:
Keywords:

Subject: Wanted: ND Frequencies for...
Newsgroups: alt.radio.scanner
Organization: North Dakota Higher Education Computing Network
Summary:
Keywords:

Subject: Wanted: ND Frequencies for...
Newsgroups: rec.radio.amateur
Organization: North Dakota Higher Education Computing Network
Summary:
Keywords:

Hi all;
I am interested in compiling a list of all frequencies used in
North Dakota. Included would LF, HF, VHF, UHF, etc. Also if anyone can,
please include amatuer repeater frequencies used in state. This list
will eventually include not just the 'normal' PD/FD/SO etc frequncies,
but private businesses, amatuer freqs, and any other interesting things
that you may have heard.
Once I have completed all this compiling, I plan on posting it to
all news groups that applies for greatest dissemination and accesibility
to anyone who monitors anything.
If anyone has any frequencies thatg may be of interest to others
or is especially interesting, please email me your lists, or whatever.
If you are interested in getting this list as it is updated,
please send me your email address and I will be happy to send them to
you. NOTE: I wil not send via snail mail as this is expensive.
If you are located in the local Minot or Bismarck area, I have
already compiled a list of about 5 pages that you may be interested in.
Let me know.

Happy Monitoring !!!!!!!

John Murphy
email: murphy@warp6.cs.misu.nodak.edu

5432. Re: Q: Why can't I get anything on the CHP mobile frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-22 14:45:54 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Jun22.064554.4192@cmkrnl>
Source record: 272697

In article <1994Jun14.175118.18027@sparc.SanDiegoCA.ncr.com>,
sam@sparc.SanDiegoCA.ncr.com (Scott Michael) writes:
> In the latest edition of Police Call (1994), I have pulled out the
> frequencies for the CHP out of Oceanside - both the base 42.420 and
> the associated mobiles 42.840. I also have the extender channel
> 154.905 loaded up. I get wondeful results on the base channel but
> hardly anything on the mobile channel.
>
> What's up with this ?!

I get nearly the same result, even in the car. You have to be right on top of
a mobile to hear them. I'll bet your antenna isn't cut for 42 MHz (1/4 wave =
5.8 feet); I know my car mag-mount antenna certainly isn't! The CHP uses
correct antennas, mounted on high towers, to hear the mobiles.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

5433. Re: I changed pro-2006 Xtal to 15MHZ..it works faster

Newsgroup: rec.radio.scanner
Date: 1994-06-22 14:52:54 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Jun22.065254.4193@cmkrnl>
Source record: 272696

In article <2u8afm$q06@crl.crl.com>, henniger@crl.com (Mickey R Henniger) writes:
> The reason for my post was:
> 1. The mod also works on the 2006.
> 2. In at least one case, 15 Mhz (not Bill's recommended 10) worked
> 3. I wanted to quantify the resultant speed for any who wished to
> try it.

I always wonder how well these scan speed-ups really work. Sure you can "scan" many channels per second as far as the uP is concerned, but the receiver part of the unit needs time to lock on to the new frequency and see if anything's there. Just counting the channels whizzing by on the display doesn't tell you if the unit really has time to stop on any of them. Do you start hearing fewer comms (presumably only the stronger ones) as you reach the "receiver speed limit", or is there an abrupt cutoff?

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

5434. Re: Weird Frequency

Newsgroup: rec.radio.scanner
Date: 1994-06-22 14:54:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <228_9406221126@blkcat.fidonet.org>
Source record: 272694

S> >Just wondering if someone can help me identify this frequency .. 154
S> >Mhz. I am in Richmond HIll, Ontario and I was just listening to my

For one - 154.755 is the Penna State Police car to car freq.

Fidonet: Tom Eagan 1:109/239
Internet: Tom.Eagan@f239.n109.z1.fidonet.org

5435. Re: LA Cellular Scanning...

Newsgroup: rec.radio.scanner
Date: 1994-06-22 14:57:33 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Jun22.065733.4194@cmkrnl>
Source record: 272698

In article <2u7ski$5g7@crl.crl.com>, henniger@crl.com (Mickey R Henniger) writes:
> Keep in mind that you don't have to be talking. The phone just has to be
> powered on. The phone's job is to periodically register with the closest
> cell site. The information of what commute *EVERY* powered up cellphone
> takes is in the computer... of course the cellular carriers would not
> look at this information - that might be an invasion of privacy.

It would also be a TON of data to sift through. The few records on your particular phone would be scattered among the records for all the other phones. I doubt it stays "in the computer" for long; it's probably "expired" on a regular basis, much like network news. (Except that the cellphone data would be shuffled out to high-density tape as it's expired.)

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

5436. Re: LA Cellular Scanning...

Newsgroup: rec.radio.scanner
Date: 1994-06-22 15:03:41 UTC
From: rausch@flounder8.Berkeley.EDU
Message-ID: <2u9jsd$j5e@delphinium.cig.mot.com>
Source record: 272702

In article <2u7ski$5g7@crl.crl.com>, henniger@crl.com (Mickey R Henniger) writes:
|> domonkos@access.digex.net (Andy Domonkos) writes:
|>
|> >In article <2tube2$4j7@search01.news.aol.com>, Boothc416 wrote:
|> >>
|> >> Hmm, If he was talking on the ol' cell phone, and the LAPD knew it
|> >> was his, could'nt they pin-point his exact location.... using some
|> >> variation of triangulation? Seems like it would be pretty easy.
|> >> --
|> >Cellular phones have ID's that are picked up by cellular sites. The cellular
|> >sites change as a person moves out of one site into another. The phone
|> >company computers monitor these transitions making tracking an easy task.
|> >No triangulation needed, just watch the site transitions...
|>
|> >Andy
|> Keep in mind that you don't have to be talking. The phone just has to be
|> powered on. The phone's job is to periodically register with the closest
|> cell site. The information of what commute *EVERY* powered up cellphone
|> takes is in the computer... of course the cellular carriers would not
|> look at this information - that might be an invasion of privacy.
|>
|> Mick
|> (wb5von)
|>

When a cell phone is first powered up, it will scan the forward control
channels and measure the signal strength on each one. It will then
tune to the strongest one and then decode the overhead control and
paging messages. It will also transmit it's mobile identification
number (NAM). At this point the system knows what cell site the cell
phone is in. The phone will re-scan the control channels and re-transmit
it's NAM every 30 minutes. So the cell phone could move quite a distance
before it's location will be known by the system. The system can also transmit
a page for the cell phone and the cell phone will respond.

...David
--

David R. Rausch /\ /\ Motorola Cellular Infrastructure
rausch@cig.mot.com / \/ \ (my words, not Motorola's)

5437. Re: Q: Why can't I get anything on the CHP mobile frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-22 15:05:01 UTC
From: dgoodman@aol.com
Message-ID: <2u9jut$pl6@search01.news.aol.com>
Source record: 272685

In article <1994Jun14.175118.18027@sparc.SanDiegoCA.ncr.com>,
sam@sparc.SanDiegoCA.ncr.com (Scott Michael) writes:

>In the latest edition of Police Call (1994), I have pulled out the
>frequencies for the CHP out of Oceanside - both the base 42.420 and
>the associated mobiles 42.840. I also have the extender channel
>154.905 loaded up. I get wondeful results on the base channel but
>hardly anything on the mobile channel.
>
>What's up with this ?!

In my CHP district, I hear only a fraction of the mobiles, because
the bulk of the activity takes place on the other side of a mountain
range. Even within a typically smaller metro district, the mobiles
can't necessarily be heard by a scanner all the time, only when
they're at shorter range.

Try listening during a rush hour, and set up a pair of adjacent
memories with the base and mobile freqs. Tune to the base, and be
ready to switch to the mobile after the base puts out a call. In
scanning mode, you almost need a zero scan delay as for trunking,
because you can miss a mobile's response to a base station's call
during the delay.

It has also been my experience that CHP mobiles are less talkative
than most other law enforcement mobile units.

Danny Goodman

5438. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-22 15:05:28 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Jun22.070528.4195@cmkrnl>
Source record: 272699

In article <1994Jun21.174706.25141@enterprise.rdd.lmsc.lockheed.com>,
glyle@marie.seas.ucla.edu (George Lyle (233789)) writes:
> This idea would work if the cellphone of interest was the only phone
> using the frequency at the time. A key advantage of cellular technology
> is that one frequency can be used by several users at the same time.

But only by one user at a time per cell.

> In
> the LA basin, having more than one user on a frequency is more the rule
> than the exception. The cell sites are somewhat directional and the
> system keeps track of what frequencies are in use (and where) to prevent
> intereference.

Uhhh... it's not that they're directional, just very localized.

> Also, cell phones can change frequencies on their own. If the phone
> moves from one cell to another, and the freq. in use would cause
> interference in the new cell, the phone automatically switches to
> a clear frequency.

Actually the phone ALWAYS switches to a new frequency when it's handed off to a
new cell. Freqs for each of the two systems (wireline and non-) are allocated
in 7 blocks of 45 channel pairs each. (Each channel pair = one channel for
repeater to mobile, and one the other way.) Each cell uses a block, and no two
adjacent cells use the same block.

In addition, the channel blocks and assignment of blocks to cells are set up
so that no two physically adjacent cells will use channel blocks on adjacent
frequencies.

See Bill Cheek's _Scanner Modification Handbook_ for a complete description,
with channel tables.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

5439. Re: Q: Why can't I get anything on the CHP mobile frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-22 15:37:19 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun22.153719.2344@hpcvaac.cv.hp.com>
Source record: 272686

sam@sparc.SanDiegoCA.ncr.com (Scott Michael) writes:
:
: In the latest edition of Police Call (1994), I have pulled out the
: frequencies for the CHP out of Oceanside - both the base 42.420 and
: the associated mobiles 42.840. I also have the extender channel
: 154.905 loaded up. I get wondeful results on the base channel but
: hardly anything on the mobile channel.
:
: What's up with this ?!

This is completely normal. The base antenna is up in the air, and the transmitter puts out more power than the mobiles.

Unless the mobiles are relatively close by, you will generally not even hear them, or they will be very weak.

Don't worry about it. Everything is rebroadcast over the repeater, so you will not miss out.

Bill

5440. Re: Antenna Frustration...

Newsgroup: rec.radio.scanner
Date: 1994-06-22 15:43:14 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun22.154314.2518@hpcvaac.cv.hp.com>
Source record: 272687

judice@sulaco.enet.dec.com () writes:
:
: - losses on the 50' of RG6?

Partly, but it shouldn't bad at NWS frequencies. Only about a dB/100ft, if I remember correctly - at 150 MHz.

: - directional problems (the Scantenna is mounted on the
: chimney, off of a metal mounting mast)?

Possible. Vhf and Uhf signals are very strange. Moving the antenna a foot or two - sideways or even up/down can sometimes make a big difference.

: - The Scantenna itself? (I followed directions putting it
: together)

Possible. I cannot judge that.

Bill

5441. REQ: scanner freqs for Myrtle Beach, SC

Newsgroup: rec.radio.scanner
Date: 1994-06-22 15:49:36 UTC
From: jbrackin@news.delphi.com
Message-ID: <2u9mig$e1o@news.delphi.com>
Source record: 272688

I'm looking for scanner freqs for Myrtle Beach, SC.
If anyone has any could you please post them.
Thanks.

jbrackin@delphi.com

5442. Question

Newsgroup: rec.radio.scanner
Date: 1994-06-22 15:57:00 UTC
From: mike.moffit@totembbs.com
Message-ID: <9406230210451295@totembbs.com>
Source record: 272637

MP>I know that this might not be the best group to post this question in, but
>I figured some of you might be able to help me. I've heard of a device
>that you can hook up to your telephone line that will tell you the phone num
>of the last person that called you. Here in Calif. the device is illegal,
>although Pac Bell will sell you a service called 'CALL RETURN', but it won't
>tell you the number. The local Radio Shack guy said that Radio Shacks in
>other states (he didn't specify which states) sell such a device.

What you speak of is Caller ID...it is a service offered by the
telephone company; Radio Shack just sells the display units.

Basically, on the first ring, a burst of data is sent to the display
unit at 1200 baud. The display unit then interprets the data, which
usually means someone's phone number shows up in the display.

It will *not* work on your phone, as your phone company doesn't offer
the service.

• SLMR 2.1a • He's dead, Jim. Kick him if you don't believe me.

5443. US & British Virgin Is. frequencies??

Newsgroup: rec.radio.scanner
Date: 1994-06-22 16:23:15 UTC
From: bmm1@freenet3.scri.fsu.edu
Message-ID: <2u9ohj$6ad@freenet3.scri.fsu.edu>
Source record: 272691

Does anyone have any frequencies of interest for the Virgin Islands? I will be staying on St. John. Also does anyone know any 2M or 70CM repeater frequencies and where they are? I have been going to USVI & BVI for many years but have never taken any radio equipment before.

Thanks,

Bruce N4USH

--
Bruce M. Marshall bmm1@freenet.fsu.edu voice 615 481 0990 fax 615 481 8039

5444. Texas -> Virginia on 162.475 MHz

Newsgroup: rec.radio.scanner
Date: 1994-06-22 16:24:42 UTC
From: jnavary@nyx10.cs.du.edu
Message-ID: <2u9oka$9em@nyx10.cs.du.edu>
Source record: 272689
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Tonight, as a line of severe thunderstorms was approaching here in central Virginia, I decided to punch in the Richmond NOAA Weather Radio broadcast on 162.475 to get the latest watch/warning info. However, I heard nothing but silence.

I opened up the squelch and could hear a faint signal and figured that Richmond must be running on emergency power with reduced output as they do sometimes during a storm.

Rapidly the signal strength increased and within a few seconds it was full-quieting. The announcer was saying that we our total rainfall was "eight inches above average". I thought that was strange since we're currently in a minor drought with the local farmers all in surly moods since the crops are drying up.

The signal faded once again but within a minute or so it was back up to full quieting. It was then that I heard the start of the forecast for "Southeast Texas and the Gulf..." and realized that Toto and I were no longer in Virginia! It faded again and then - again - back up where I heard something about either their location, or weather observations coming from, Jefferson County Airport.

A quick glance at the atlas shows that Jefferson County is, indeed, in SE Texas, encompassing the Port Arthur/ Beaumont area.

The signal started to come back up and, straining through the noise with my ear on top of the ol' PRO-2006 I came to the moment of truth:

"This is NOAA Weather Radio, WX..."

and, at that "Murphy's Law" moment, Richmond came up on frequency with an alert tone (I think I'm deaf in my right ear now) and a severe weather warning for the area. Go figure....

Now, my plea for help:

Does anyone know which NOAA Wx Radio station I was listening to from Jefferson County Airport, Texas? The Galveston/Houston area appears to be too far from Jefferson County to be in the same listening area -- but I don't know for sure.

Does anyone have the callsign?

And if anyone has a mailing address for this station I'd
sure appreciate that info as well. I'd love to QSL this
station as it's the best DX I've heard above 150 MHz.

Any help would be greatly appreciated.

73,
Jim

--
***** A closed mouth gathers no feet. *****
Jim Navary - AA4JN, 914 Conjurers Drive, Colonial Heights, VA 23834
jnavary@nyx.cs.du.edu OR an533@yfn.ysu.edu

5445. Indycar Freqs (including Lights)

Newsgroup: rec.radio.scanner
Date: 1994-06-22 16:59:11 UTC
From: mkeiser@scca.Eng.Sun.COM
Message-ID: <2u9qkv$lpv@engnews2.Eng.Sun.COM>
Source record: 272582

I'm anticipating that this list will be warmly received on this group. It's the "official" list from the Indycar teams, from a race recently run, to facilitate team coordination of radio communication (or, nobody steps on each other's toes). I've held it back awhile, to obfuscate which race it came from. It's presented as printed, including obvious errors.

Indycar:

Car Driver Fqs.

1 Nigel Mansell 461.2875 468.2250
2 E. Fittapaldi 852.1875 855.7875 856.7875 859.8375
858.8375 852.1875 851.0375 463.2250
462.1375 468.5125
3 Paul Tracy 856.9125 858.8375 859.8375 852.1875
855.7875 851.0375 856.7875
4 Bobby Rahal 463.8875 466.3125 467.9375
5 Raul Boesel 462.0875 464.9125
6 Mario Andretti 461.7125 462.6500 468.3525
7 Al Unser Jr. New Team
8 Arie Luyendyk New Team
9 Scott Goodyear 464.2375 463.7375 469.2375 468.7375
10 Robby Gordon 463.2375 461.0625 461.0125
11 Teo Fabi 467.0375 469.8875 464.0375 462.2625
12 Danny Sullivan 452.1375 461.8625 460.7125 473.3125
14 Davey Jones 463.9875 461.8375 457.5875 457.5375
461.4375 456.9125
15 Hiro Matsushita 464.1625 462.1375
16 Stefan Johansson 855.5875 853.4875
18 Jimmy Vasser 467.0875
19 Robbie Buhl 460.6875
20 Buddy Lazier 466.5875 466.2875 464.4625 469.2125
22 Scott Brayton 466.1875 465.0125 462.7250 465.9125
24 Adrian Fernandez 464.5625
25 Mark Smith 468.8125 468.2125 469.9875 468.9875
26 Mike Groff 467.8375
29 Oliver Grouillard 465.2375 461.2375
30 Mario Greco 468.9875 469.9875
39 Ross Bentley 461.7375
45 Scott Pruett 461.2125
50 Dave Kudrave 460.5875 461.0375 464.0625
75 Willy T. Ribbs 463.9625 466.5875
90 Mauricio Gugelmin 461.3875
99 Brian Till 466.3375 463.3375

Indycar No. 1 Race Control 457.0125
Indycar No. 2 Safety 451.7875
Indycar No. 3 Pace Cars 451.5250
Indycar No. 10 Private 463.9375
Indy Radio Network 472.0000

Indy Lights:

1 Jeff Ward 468.8125
1 Harald Huysman 465.8000
2 Pedro Chaves 462.4875 460.4875
3 Frank Freon 462.4125
4 Robbie Groff 462.7250 463.6750
5 Sandy Brody 460.2875 461.5375
6 Buzz Calkins 462.7250 463.6750
6 Scott Schubot 462.8625
7 Eddie Lawson 464.8875 469.2125
9 Scott Schubot 461.3125

5446. Re: Q: Why can't I get anything on the CHP mobile frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-22 17:08:22 UTC
From: wsmith@huey.csun.edu
Message-ID: <wsmith.16.2E087006@huey.csun.edu>
Source record: 272690

In article <1994Jun14.175118.18027@sparc.SanDiegoCA.ncr.com> sam@sparc.SanDiegoCA.ncr.com (Scott Michael) writes:
>From: sam@sparc.SanDiegoCA.ncr.com (Scott Michael)
>Subject: Q: Why can't I get anything on the CHP mobile frequencies
>Summary: Is this user error :-o
>Keywords: CHP
>Date: Tue, 14 Jun 94 17:51:18 GMT

>In the latest edition of Police Call (1994), I have pulled out the
>frequencies for the CHP out of Oceanside - both the base 42.420 and
>the associated mobiles 42.840. I also have the extender channel
>154.905 loaded up. I get wondeful results on the base channel but
>hardly anything on the mobile channel.

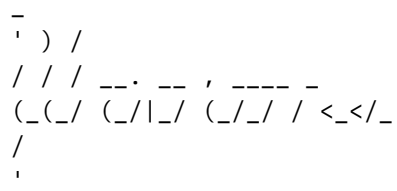
>What's up with this ?!

Oh, the mobiles are most certainly there. My main problem with
listening to CHP in the car is generally poor reception due to length of a
decent antenna for that band.

As you may or may not know, the CHP has picked up nearly all of
the old LA Co. Sheriff (LASD) 39 Mhz frequencies. From what I understand,
these "new" 39 Mhz frequencies will be used as inputs to a new repeater
system (42 Mhz outputs).

The frequencies and (preliminary) geographical uses are listed in the
CPRA-FRQ.TXT file on the CPRA BBS (+1 714 704 7903):

Wayne Smith
N6LHV
RCMA CA-LA-119



5447. Re: Reply to Tim Dobbins

Newsgroup: rec.radio.scanner
Date: 1994-06-22 17:25:14 UTC
From: steven@sgb.oau.org
Message-ID: <Crt723.47x@sgb.oau.org>
Source record: 272636

Bill Grove - Grove Enterprises (grove@mercury.interpath.net) wrote:
: DATE: June 20, 1994
: TO: Tim Dobbins
: FROM: Bob Grove

Was this intended as e-mail? Anyhow carry on...

: Dear Tim:
: I read the posting of 27 May which was laid on my desk today and was
: astounded by the naivete pervayed in it. Someone up there is working
: overtime embarassing himself!

Yes, I can see by this post that Grove Enterprises is apparently
not working overtime in the sales department by the evidence it only
took three plus WEEKS for this response.

: It IS against the law to import into or market in the United States
: cellular-capable scanner and converters, although there are still some
: folks out there doing it. Javiation, a former MT advertiser and a British
: firm, was warned officially by the FCC not to advertise the MVT-7100;

WRONG!!! WRONG!!! It is only against the law to import for USE such
items. If you do not "officially" plan to use it, but merely store
it for trips when overseas and out of the U.S. and its territories,
there is NOTHING illegal in doing so. Other legal applications
would include the import for re-export to places such as Canada and
overseas. There are no export restrictions on cellular capable
scanners! I am glad you indicated there were still some doing it,
hence nothing is stopping such activity. The FCC does not have the
right to tell companies without offices in the U.S. or its territories
what they can or can not do. Interesting comment in any event.

And since what you actually do with it once its here, is your own
private business, the government can not enforce such import bans
for reasons expressed above. Note, the wording of the law stated
manufacture or import for use. Correct me if I am wrong!!! The
very words "for use" left open a door so large a tank could drive
through! This is why nothing is preventing them arriving into the
country. If they stated possession, they could have done somthing
about it (but there were many already in use, therefore that was
not possible).

I can see why you're only a radio dealer and not a lawyer... :(

: apparently Atlantic has not yet been notified. It is not unlawful for us
: to accept the advertising because we are not doing the marketing.

If it is not unlawful to accept such advertising, even though your magazine has become the marketing tool to market the product, I think you had better re-think your legal standing here...

The U.S. can not prevent a company in a foreign country from sending you advertising for the magazine. If it were illegal to market the device here, and they can not touch the company in the other country, who do you think they will touch... the one company who is providing that advertising service, in this case MT, who is in this country, right?

: The FCC's Form 740, which allows an individual to import up to three
: non-type-accepted devices for his personal use, no longer applies to
: cellular-capable scanners.

Well, explain this, since the form no longer applies to cellular capable scanners, does it apply to non-cellular scanners? If so, was that because they were a non-type-accepted device? Now, since we have laid the foundation for this issue, tell me at what point did non-certified, never seen before by the FCC (in some cases) cellular capable scanners become something other than non-type-accepted devices? They most certainly ARE a non type accepted device, since they carry no FCC certification showing otherwise. This is true with the U.S. Customs as it would with anyone else, because you have now indicated the form can be used on non-type-accepted non-cellular capable scanners -- but not on the cellular capable models. Where or how will U.S. Customs make this determination I ask? They look the same, the U.S. Customs are not technical geniuses when it comes to scanners and electronic devices! Even on the models which do not have cellular, but do have 800 mhz, they often omit the locked out ranges on labels, etc. Most new rechargable scanners need a charge before they would function, and the U.S. Customs have better things to do like stopping drugs than to open every package and test the unit for receiver coverage!

I have not even started to attack the issue of "readily alterable" and how the U.S. Customs will test for that situation!!!

Sounds like Grove Enterprises sees some potential sales problems ahead with an invasion of imports.. oh well (here, borrow my hanky). I'd recommend you start lobbying to get the cellular ban reversed since it not "could" but "will" affect your business activity sooner or later... I think Opto Electronics helped you out -- as I read a rumour you were going to carry the Opto-456 which can override the cellular CPU lockout when under computer control.

Thankfully, the FCC has NO jursdiction over the capabilities of personal computer software distributed on disk!!!

: As of about a month ago we were unaware of any U.S. Customs
: inspectors who had been officially notified of the contraband, but if they
: recognize the package, they have the right to confiscate it.

And that is why when you pay by charge card, you can issue a chargeback to recover yourself, since there would be no signature or other proof you ever ordered it. Merely cancelling the order because it failed to arrive is enough to clear the recipient of charges. But, we are forgetting the points I brough out earlier, we would not be importing the scanner for use, we would be importing it for "storage", to carry, to have possession of, not use, as that would be illegal! If they said "importing or manufacture" and stopped there, you would have a point. I will have to dig out the full text of that law... I am centain it said for use. That is the LOOP HOLE, so LARGE, I could drive TWO tanks through it side by side!

: I was amused by the reference that we might have "sold out to the
: FCC." The FCC is regulatory agency, directed by Congress to enact certain
: rules and regulations. Did you "sell out to the IRS" by paying your taxes
: this year?

I think Tim's point here was the issue that you are the only company who is avidly pushing the "you shalt not", "you can not", "that is illegal", name one other company who is being so aggressively legal, ramming it down our throats in every issue of their magazine (except the most recent copy of MT) and every other opportunity they get??

Instead of advertising the holes as I mentioned them above, and how to articles to get the units in the U.S., your company is biased because you can not resell them yourselves. I would have thought you would have been listing the addresses, part numbers of the chips in the international versions, and instructions to upgrade the made for U.S. market units (non modifiable) to the international equivilents!!

I am referring to purchasing the parts that differ between the units from the manufacturers and refitting them yourself. Your magazine should be running how-to articles to do this with a parts list, the prices, address to order them from, etc. Since the law had no affect on a non-modifiable unit modified by the end-user anyhow, why are you not doing this? Please don't bore me with "its not possible". That may apply to the ICOM R7100, but not any scanner WITH 800 mhz still present in the RF section! Heck, you folks, WERE making a receiver at one time! Why are you not making add-on boards for the 2005/6 to override the CPU and receive cellular? These would not need FCC approval, and the boards and instructions would not be considered a scanning receiver of 4 or more channels!!!

: The availability of cellular-capable scanners IS drying up! We have
: watched as several models have fallen out of production, replaced by
: non-cellular-restorable follow-ons. As the cellular- capable PRO2006s are
: sold out (and they're going fast!), the new, non-restorable model,
: indistinguishable on the outside from the former model, is filling the
: void--but it isn't cellular- restorable.

Well, that is why products like the OPTO-456 are becoming VERY PRACTICAL items to design and market. They literally permit you to OVERRIDE the CPU LIMITATIONS via serial interface and SCAN the

cellular section as MUCH as you wish, even in the non-modifiable
versions blessed by the FCC.

Will you be stressing that above device (OPTO456) as much as I did
in its capabilities when you start selling it? I mean you are pushing
that line on the cellular modifiable units in your catalog right now!
I suspect you will overlook such capabilities when you advertise it...

: Say what you wish about Grove Enterprises, me, and MT, but keep it
: accurate, not as misinformed as what was propagated in
: the 27 May disservice to your newsgroup.

I know Tim, and the information he propogated was also collected from
several sources. Some of these were posts made in Usenet, CompuServe,
America Online, electronic mail, local contacts. Believe me, this is
not one (or two) against Grove, there are quite a few disgusted with
your efforts and interest in recent issues.

Do not mistake this to mean we do not feel MT is good, and that we
will not do business with you, but... we would like to see the old
Grove of two years ago. With a few changes in attitude and direction
it would things around pretty quick!

You're a publisher... therefore why are you not publishing how to modify the
non-modifiable units? Do not say "they can not be modified". That is the
easy way out. You have a research department don't you? Why aren't you
putting the modifiable scanners in the lab, along with the newer non-modifiable
versions along with the international versions and comparing them, taking down
notes on what is different, making a parts list and instructions to re-fit the
newer U.S. models, and publishing the information??? That would be an
excellent service to all of us! It is NOT against the law to publish how
to modify a scanner for cellular if it was designed not to be modifiable, is
it??? I doubt it! It is NOT against the law for the companies to sell the
CPUs and other parts as raw materials to end users as replacement parts??? Is
it??? It would not in any manner affect the law and certification since they
only certify complete units, not CPU capabilities!

I think we had a private round on this earlier, I received your response, and
I responded. Either your response to my response was lost in the electronic
jungle, or else you had nothing to say. Now you took on an attack at Tim as
well... Guess, what... your attitude needs an adjustment, or Universal, EEB,
AES, and several places mentioned in Shortwave Magazine will see more of our
scanning / radio $$$ this year.

I hope this one lands on your desk with a loud thump! Hopefully loud enough
it will wake you up before its too late and before three weeks have elapsed!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226

America Online: sgbradley@aol.com | Modem: 407/862-8088

5448. Re: Legal rights to see FCC license?

Newsgroup: rec.radio.scanner
Date: 1994-06-22 17:31:11 UTC
From: lrk@netcom.com
Message-ID: <lrkCrt7C1.LCL@netcom.com>
Source record: 272692

The rules requires the license or a photocopy at every 'control point'.
It doesn't say everyone can go there to look at it.

The law requires every FCC office to have the records available
to the public for inspection free.

I'm not a lawyer so this isn't legal advice, it's what I find by reading.

You should, of course, keep pointing out to your police chief and city
council persons who they work for. If you don't stand up and fight for
your rights, you won't have any.

-- --
| 73, internet | lrk@k5qwb.lonestar.org |
| Lyn Kennedy | lrk@wb5nrn.cirr.com |
| pony express = P.O. Box 5133, Ovilla, TX, USA 75154 |
---Livin' on an information dirt road a few miles off the superhighway---

5449. Wyoming freqs' wanted

Newsgroup: rec.radio.scanner
Date: 1994-06-22 18:12:55 UTC
From: jeff@vicorp.com
Message-ID: <1994Jun22.181255.1416@vicorp.com>
Source record: 272693

I'm lookoing for freqs' for Police in Wyoming. Specifically I would
like freqs' for the state police, the shariffs of Sublette, Teton and
Lincoln Counties, and the city police of Big Piney. Oh yeah, If that isn't
enough if you got the freq's used by the Foresty Service in the Bridger-Teton
and the Shoshone National Forests, that would be much appreciated also.

Thanks alot.
and Please reply by e-mail to:`
jeff@vicorp.com

5450. Monitor Times (Where can I get it)

Newsgroup: rec.radio.scanner
Date: 1994-06-22 18:29:47 UTC
From: djh@shell.portal.com
Message-ID: <2u9vur$qds@news1.svc.portal.com>
Source record: 272695
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Can anyone in the San Jose Bay Area tell me where I can find a source
for Monitor Times? I have looked all over the place with no luck..
(Maybe they were just out of stock, but I have had no luck)

Please advise.

Thanks,
Darryl

--
Darryl Harvey | Webster Computer Corporation
Email: djh@shell.portal.com | 2109 O'Toole Ave, Suite J
Phone: (408) 954 8054 | San Jose, CA 95131-1338
Fax: (408) 954 1832 | U.S.A.

5451. Re: Am I ham licensed?

Newsgroup: rec.radio.scanner
Date: 1994-06-22 18:31:00 UTC
From: Joe_A._Walker@aardvark.bah.rochester.ny.us
Message-ID: <0005BC1C.fc@aardvark.bah.rochester.ny.us>
Source record: 272659

No you are not liscenced for ham radio. You will need to visit your local VE test session to apply for a liscence. However i think wit your liscence you could start your own commercial station say a around 89.5 mhz.
** Via the Aardvark Burrow BBS - 1-716-383-1372**

5452. Re: Scanner recommendations...

Newsgroup: rec.radio.scanner
Date: 1994-06-22 18:32:30 UTC
From: Joe_A._Walker@aardvark.bah.rochester.ny.us
Message-ID: <0005BC1E.fc@aardvark.bah.rochester.ny.us>
Source record: 272660

I had been iven the imression that Radio Shack was planing to replace the 2006
with a similar scanner, but without the ability to restore cellular coverage. Am
i right?
** Via the Aardvark Burrow BBS - 1-716-383-1372**

5453. PRO-46's L4818A264 Chip

Newsgroup: rec.radio.scanner
Date: 1994-06-22 18:41:18 UTC
From: wai@iai.mv.com
Message-ID: <772310478snx@iai.mv.com>
Source record: 272641

Posting for a co-worker... He wants to know the following:
1. What does the Uniden L4818A264 chip do? It has a stamp of UC1489.
2. What are the functions of pins 19, 21-23?

Thanks,

Wai Hom Imaging Automation, Inc.
wai@iai.mv.com (603) 598-3400
FAX: (603) 598-3422

5454. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-22 18:52:24 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Jun22.185224.15679@alw.nih.gov>
Source record: 272700

Coz (stevenp@connected.com) wrote:

: Huh? The chopper is flying in the same site that O.J. was driving in. All
: he had to do was scan the cell band until he found the call. When the
: call handed off to the next cell he just would scan until he found it
: again. Nothing hard about it at all.

You're mixing two different comments together. Let me separate them.

1. Someone said that they heard a CNN guy talking about listening to OJ on
his scanner from the chopper. What I said was that I didn't think a
CNN reporter would say such a thing. My reasoning was that he would
have to be an idiot to admit to a Federal offense on TV. I guess he
was an idiot. I never said that it was hard to listen to cellular.

2. Some ELSE (and I did say "someone else" in the post) mentioned that they
thought that CNN had TRACKED DOWN OJ via the cellphone using the same
voodoo that the police and cellphone company used. My point was that
locating a given car and a given phone number with little clue as to its
whereabouts is beyond the means of most scanner enthusiasts. I believe
that to be "hard" and/or expensive.

: We did not mishear. The guy plainly announced to the world that he was
: listening to O.J.s Cell call on his scanner.

--Neil

--
Neil Weisenfeld, Computer Engineer Internet: weisen@nih.gov
Nat'l Insts. of Health, 12A/2033 Voice: +1 301 402 4030
Bethesda, MD 20892 Fax: +1 301 402 2867

5455. Reply to Bob Grove

Newsgroup: rec.radio.scanner
Date: 1994-06-22 19:14:46 UTC
From: steven@sgb.oau.org
Message-ID: <CrtC4n.4sK@sgb.oau.org>
Source record: 272642

Because Mr Grove appears to have some misinterpretation of the law, I
have included the amendments (changes) below:

Here's the text of the new scanner law.

SEC. 403. INTERCEPTION OF CELLULAR TELECOMMUNICATIONS.

(a) Amendment. - Section 302 to the Communication Act of 1934
(47 U.S.. 302) is amended by adding at the end the following
new subsecton:
(b) (1) Within 180 days after the date of enactment of this
subsection, the Commission shall prescribe and make
effective regulations denying equipment authorization
(underpart 15 of title 4, Code of Federal egulations,
or any other part of that title) for any scnning
receiver that is capable of--
(A) receiving transmission in the frequencies allocated to
the domestic cellular radio telecommunications service,
(B) readily being altered by the user to receive
transmissions in such frequencies, or
(C) being equipped with decodes that convert digital
celllar transmissions to analog voice audio.
(2) Beginning 1 year after the effective date of the
regulations adopted pursuant to paragraph (1, no
receiver having the capabilities described in
subpargraph (A), *B(or (C) of paragraph (1), as such
capabilties are defined in such regulations, shall be
manufactured in the United States or imported for use in
the United States..
(b) Report to Congress.--The Commission shall report to
Congress no later than Jun 1, 1993, on availble
security features for both analog and digtal radio
signals. This report shall include a study of security
technologies currently available as well as those in
development. The study shall assess the caabilities of
such technologies, level of security afforded, and cost,
with wide-spread deployment of such technologies.
(c) Effect on Other Laws.--This section shall not affect
section 2512(2)of title 18, United States Code.

--
I believe you will see in section two, it states imported for use in the
United States. There are other reasons to import than simply for use.
This is why the U.S. Customs can not confiscate them. FCC form 740 states
up to three units for personal use, but does not state in the United States.

If someone has a better text of the full law (an ftp site would help), and not just the changes, I would be most interested...

About the only transgression might be if we were manufacturing them in the U.S.

Also "import for use" could imply the intention of only affecting commercial resale - ie marketing of them in the U.S. by a company located in the U.S. doing the importing. Its sufficiently unclear as to whom the audience was in the wording I could see how import for personal use would not be challenged by the government. I am sure the last thing they want to do right now is to open this can of worms up again (where it could sway the other direction).

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5456. DSP-12 users/programmers

Newsgroup: rec.radio.scanner
Date: 1994-06-22 19:46:49 UTC
From: bmm1@freenet3.scri.fsu.edu
Message-ID: <2ua4f9$c8@freenet3.scri.fsu.edu>
Source record: 272707
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.space,rec.radio.scanner

I have been using an L.L.Grace DSP-12 for about a year now and am
happy with it. It is a very powerful piece of equipment and is under
utilized with it's present firmware. Is anyone doing any programming
for this device? Is firmware version 2.0 the latest? Is the AEA DSP
unit programmable and if so are programs written for it compatible
with the DSP-12? Any info or opinions welcomed.

Thanks
Bruce N4USH
--
Bruce M. Marshall bmm1@freenet.fsu.edu voice 615 481 0990 fax 615 481 8039

5457. DROP

Newsgroup: rec.radio.scanner
Date: 1994-06-22 19:48:00 UTC
From: t.smith@cccbbs.cincinnati.oh.us
Message-ID: <7.573.uupcb@cccbbs.cincinnati.oh.us>
Source record: 272724

```
-- Jabber Control Message --

---
. JABBER v1.2 .
```

5458. New RS Scanners?

Newsgroup: rec.radio.scanner
Date: 1994-06-22 19:49:48 UTC
From: obieone@eskimo.com
Message-ID: <CrtDr5.Iqy@eskimo.com>
Source record: 272709

be making to replace the 2006, 2026, 43, etc...

I especially want to know what will be replacing the 2026 scanner.
Also, when is the new catalog coming out?

Obieone

5459. Re: Texas -> Virginia on 162.475 MHz

Newsgroup: rec.radio.scanner
Date: 1994-06-22 19:55:00 UTC
From: barkman@zeta.is.tcu.edu
Message-ID: <1994Jun22.150232.185@news.tcu.edu>
Source record: 272706
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <2u9oka$9em@nyx10.cs.du.edu>, jnavary@nyx10.cs.du.edu (James Navary) writes...
> "This is NOAA Weather Radio, WX..."
>
>and, at that "Murphy's Law" moment, Richmond came up
>on frequency with an alert tone (I think I'm deaf
>in my right ear now) and a severe weather warning
>for the area. Go figure....
>
>Now, my plea for help:
>
>Does anyone know which NOAA Wx Radio station I was listening
>to from Jefferson County Airport, Texas? The Galveston/Houston
>area appears to be too far from Jefferson County to be in the
>same listening area -- but I don't know for sure.
>
>Does anyone have the callsign?
I'm damned impressed!!! I hardly ever hear that station myself and I'm 160
miles from that station. The Call is WXK-28 in Port Arthur. Sorry I don't
have an address. Your local NWS should be able to help you with that.
If not, the phone number to the airport is (409) 722-0251 and maybe they
can help. Good job!!

myles KG5AI

5460. Re: Legal rights to see FCC license?

Newsgroup: rec.radio.scanner
Date: 1994-06-22 19:55:21 UTC
From: ptbast@wpi.edu
Message-ID: <2ua4v9$ah8@bigboote.WPI.EDU>
Source record: 272704

Steve Bunis SE Southwest Chicago (doc@webrider.central.sun.com) wrote:
: At least for most frequencies, just buy one of the scanner freq. books that
: are out. "Scanner Master" is an excellent buy (regional) which good explanations
: as well as the freqs.. Also Radio Shack has "Police Call" which isn't bad. Lots
: of easily obtained frequencies available at your local Ham or Electronics Shops.

: Enjoy,

: Steve

"Scanner Master" has a 800#, BTW. 800 722-6701

5461. Re: Need freqs for United Airlines

Newsgroup: rec.radio.scanner
Date: 1994-06-22 20:12:37 UTC
From: dwillson@pcwizard.almaden.ibm.com
Message-ID: <2ua5vl$imt@juniper.almaden.ibm.com>
Source record: 272705

In <1994Jun22.041910.20735@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
>: Actually from a LEGAL FAA standpoint the PIC (Pilot in Command) of the aircraft
>: has the ultimate responsiblity. United may make rules that are 'condition of
>: employment' for that pilot. But if something goes wrong the pilot will be the
>: one at fault.
>
>That only means that the PIC can make more restrictive rules than those
>imposed by the operator. Thus, if the airline says, "no computers or
>scanners", then he is breaking the FARs by allowing them.

Not exactly. He may lose is job for allowing them, but he has broken no FARs. This peticular section of the FARs is not specific to commercial operations. Therefor the operator is the pilot, an airline is a carrier. An airline or carriers employee rules or policies are not enforced by the FAA. If the carrier wishes to make more restrictive rules than the called out in the FARs thats OK but the FAA will not enforce the additional restrictions.(E.G. If a pilot breaks a FAR the FAA may fine, send to jail, suspend or revoke his pilots license. If a carrier makes more restrictive rule and the pilot breaks the more restrictive rule but not the FAR then the FAA cannot do anything).

Airline rules and policies are not laws:
FARs are laws.

Dennis

5462. Re: motorola HT's

Newsgroup: rec.radio.scanner
Date: 1994-06-22 20:30:43 UTC
From: rausch@flounder8.Berkeley.EDU
Message-ID: <2ua71j$r9j@delphinium.cig.mot.com>
Source record: 272713

In article <mpageCrs6sp.5w7@netcom.com>, mpage@netcom.com (Thomas J. Kravitz) writes:
|> I am looking for either the user manuals or tech manuals (or both) for
|> MOtorola HT600 & MT1000. I would also love to purchase the eans to program
|> both of them. I know it needs a hardware harness which connects to a computer
|> and the software...
|> --
|> ==
|> Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
|> MEDIA PAGE
|> Internet: mpage@netcom.com Breaking News Stories to
|> CIS: 71674,1610 the News Media since 1978
|> ==

Tom,

You can order whatever you need by calling 1-800-422-4210. Or you can
write to:

Motorola Inc.
Communications Parts Div.
Attn: Order Processing
1313 E. Algonquin Rd.
Schaumburg, Ill 60196

Maunauls for the HT600:

Operating Manual 68-81045C15
Maintenace Manual 68-81045C30
VHF Service Manual 68-81045C20
UHF Service Manual 68-81045C25

Equipment for programming HT600:

Radio Interface Box RLN-4008A
Programming Interface cable RTK-4205A
Computer Interface Cable 30-80369B71 (for IBM Model 30 or 50 or compatible)
or
Computer Interface Cable 30-80369B72 (for IBM AT or compatible)
Programming software on 3.5 RVN-4006C
or
Programming software on 5.25 RVN-4005C

Manuals for the MT1000:

Operating Manual 68-81049C95
Maintenance Manual 68-81050C15

VHF Service Manual 68-81050C05
UHF Service Manual 68-61050C10

Equipment for programming MT1000:

SAME AS ABOVE

Cloning cable NKN-6376A This cable enable the frequency squelch codes
squelch and deviation settings to duplicated
from one radio to another. Only identical models
and sub-models are compatible for cloning.

...David
--

David R. Rausch /\ /\ Motorola Cellular Infrastructure
rausch@cig.mot.com / \/ \ (my words, not Motorola's)

5463. Re: CNN & cellphone scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-22 21:25:53 UTC
From: stujorda@eku.acs.eku.edu
Message-ID: <1994Jun22.162553.2747@eku.acs.eku.edu>
Source record: 272708

In article <2u48dq$e6a@ams.amsinc.com>, warnickj@pentagon-hqdadss.army.mil (JWarnick) writes:
> Did everyone see CNN's coverage of the west-coast murder story and
> subsequent chase? This weekend, CNN was airing a recording of a cellular
> 911 call made from the Bronco the police were following.
>
> Is cellphone monitoring illegal, or are the laws different for liberal news shows?
> Do press credentials somehow confer more monitoring rights?
> -jw

The call they broadcasted was the 911 call that OJ's friend made. All
911 calls made are recorded by the police. I am sure that CNN just
requested the recording from the L.A. Police.
Darrell Jordan--Stujorda@acs.eku.edu

5464. RE: Other band trunking

Newsgroup: rec.radio.scanner
Date: 1994-06-22 22:42:30 UTC
From: johng@ecs.comm.mot.com
Message-ID: <johng-220694174230@johng.comm.mot.com>
Source record: 272628

In article <wsmith.15.2E079459@huey.csun.edu>, wsmith@huey.csun.edu (Wayne Smith) wrote:

>..... 484 Mhz
> and 506 Mhz (non-trunked, by definition> frequencies will be used
> in the new LAPD system.
>
Motorola trunking equipment is available on VHF and UHF bands as well as 800 and 900 MHz in the US. The military commonly uses trunking equipment in the 406-420 MHz region. While an FCC waiver would most likely be required for LAPD, there is no reason that UHF frequencies can not be trunked.

--
John Gilbert johng@ecs.comm.mot.com KA4JMC

5465. Re: SCANNER BAN COMING

Newsgroup: rec.radio.scanner
Date: 1994-06-22 22:48:56 UTC
From: johng@ecs.comm.mot.com
Message-ID: <johng-220694174857@johng.comm.mot.com>
Source record: 272639

> > But some are concerned that scanners capable of decoding digitized
> >voice communications could soon become common in corner electronic
> >stores.

I think that your elected officials are wasting their time and your money proposing legislation to block digital scanners.

Look at the cost of the components required to manufacture a digital scanner. With the DSPs and high speed memory, etc, you won't be selling this thing for a couple of hundred dollars and still be making a profit. Also look at the development costs. It is not hard to guess that the cost of engineering a digital cellular scanner would be MUCH higher than an analog only device. How much extra revenue would this MUCH higher engineering investment generate? I think the economics of the situation are against this ever being done by a major manufacturer. Now a garage shop might be a different story.....

--
John Gilbert johng@ecs.comm.mot.com KA4JMC

5466. Re: motorola HT's

Newsgroup: rec.radio.scanner
Date: 1994-06-22 23:07:15 UTC
From: johng@ecs.comm.mot.com
Message-ID: <johng-220694180715@johng.comm.mot.com>
Source record: 272640

In article <mpageCrs6sp.5w7@netcom.com>, mpage@netcom.com (Thomas J. Kravitz) wrote:

> I am looking for either the user manuals or tech manuals (or both) for
> MOtorola HT600 & MT1000. I would also love to purchase the eans to program
> both of them. I know it needs a hardware harness which connects to a computer
> and the software...

Contact Motorola's parts division. Their number is 800-247-2346.

You will need:
cable RTK4205 to connect to either of the radios
RIB Interface box RLN4008B
Cable from rib to PC (I forgot the number)
MT1000 software
HT600 software

The cost of this equipment is not low, so be prepared.

--
John Gilbert johng@ecs.comm.mot.com KA4JMC

5467. Re: Texas -> Virginia on 162.475 MHz

Newsgroup: rec.radio.scanner
Date: 1994-06-22 23:11:33 UTC
From: tharrell@nmsu.edu
Message-ID: <2uagf5$r2i@dns1.NMSU.Edu>
Source record: 272626
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

James Navary (jnavary@nyx10.cs.du.edu) wrote:
: A quick glance at the atlas shows that Jefferson County
: is, indeed, in SE Texas, encompassing the Port Arthur/
: Beaumont area.

: The signal started to come back up and, straining
: through the noise with my ear on top of the ol' PRO-2006
: I came to the moment of truth:

: "This is NOAA Weather Radio, WX..."

: and, at that "Murphy's Law" moment, Richmond came up
: on frequency with an alert tone (I think I'm deaf
: in my right ear now) and a severe weather warning
: for the area. Go figure....

: Does anyone have the callsign?

I lived in Beaumont for 16 years - used to have one of the old Realistic
WeatherCubes. From memory, I _think_ it's WXJ-28 - "for all your weather
needs" (at least that's what they used to say).

Hope this helps.
T.J.
--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Finger weasel@acca.nmsu.edu for PGP public key |
\--/

5468. Re: TAPING Conversations is ILLEGAL

Newsgroup: rec.radio.scanner
Date: 1994-06-22 23:13:16 UTC
From: steven@sgb.oau.org
Message-ID: <Crtn66.67v@sgb.oau.org>
Source record: 272643

Duane P Mantick (wb9omc@constellation.ecn.purdue.edu) wrote:
: r_egeland@cc.colorado.edu writes:

: >There seems to be some debate here about whether it is illegal to tape
: >conversations heard on scanners. Fedral law (c. 1934) specifically prohibits
: >the media or anyone else from recording any conversation not specifically
: >intended for the receiving audience (the scanner listener). Any other actions
: >such as playing back a recording are subsequently illegal.

: >As an ardent supporter of scanner rights, I favor this law. Listening to
: >a scanner should be legal - using information from your scanner for your own
: >benefit should not.

: EEyup, I agree. Check out Section 605 of the Communications
: Act of 1934. That is essentially what it said, that you can LISTEN to
: whatever you want, but you cannot DIVLUGE anything you hear except
: for broadcast, Amateur and communications related to ships and planes
: in distress.

: Kind of makes you wonder why the ECPA (Electronic Communications
: Piracy Act, IMHO) was even needed, doesn't it?

Gentleman,

I just got back from the Smithonian Institute up in D.C., I was
looking for a tape recorder from the era of 1934. I could not
locate such a beast. Please e-mail me if you have a photograph
of a tape recording device in use at the time this act was created.

Thank you... :(

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5469. Re: Texas -> Virginia on 162.475 MHz

Newsgroup: rec.radio.scanner
Date: 1994-06-22 23:14:23 UTC
From: tharrell@nmsu.edu
Message-ID: <2uagkf$r4f@dns1.NMSU.Edu>
Source record: 272627
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

Myles Barkman (barkman@zeta.is.tcu.edu) wrote:
: In article <2u9oka$9em@nyx10.cs.du.edu>, jnavary@nyx10.cs.du.edu (James Navary)
writes...
: I'm damned impressed!!! I hardly ever hear that station myself and I'm 160
: miles from that station. The Call is WXK-28 in Port Arthur. Sorry I don't
: have an address. Your local NWS should be able to help you with that.
: If not, the phone number to the airport is (409) 722-0251 and maybe they
: can help. Good job!!

Ack - I was close. Slow news feed...
T.J.

5470. Re: Anything bad about a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-06-22 23:16:35 UTC
From: michaeha@soul.tv.tek.com
Message-ID: <2uagoj$f7p@news.tv.tek.com>
Source record: 272710
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Jun21.150038.21580@ccd.harris.com> gah@ccd.harris.com (George A. Hebert(cont)) writes:
>I just bought a Pro-43. I'm not sure it's worth the money.
>
>Anybody got any negative or positive things to say about it.
>
>
>Thanks
>George
>

How much was it? I just ordered one from that Radio Shack place in Katy TX.
It was only $288 which seemed like a good price.

Mike

5471. Re: Anything bad about a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-06-22 23:20:27 UTC
From: ewitmaye@ucssun1.sdsu.edu
Message-ID: <2uagvr$35g@pandora.sdsu.edu>
Source record: 272711
Cross-posted to: alt.radio.scanner,rec.radio.scanner

George A. Hebert(cont) (gah@ccd.harris.com) wrote:
: I just bought a Pro-43. I'm not sure it's worth the money.

: Anybody got any negative or positive things to say about it.
========

Well, it's made by TANDY Corp. ... What is left to be said ?

EW

5472. Re: CNN & cellphone scann

Newsgroup: rec.radio.scanner
Date: 1994-06-22 23:33:58 UTC
From: mike.martin@michaelr.com
Message-ID: <940623043016705@michaelr.com>
Source record: 272646

-> From: glyle@marie.seas.ucla.edu (George Lyle (233789))
-> Newsgroups: rec.radio.scanner
-> Subject: Re: CNN & cellphone scanning
-> Date: Mon, 20 Jun 94 22:45:20 GMT
-> Message-ID: <1994Jun20.224520.640@enterprise.rdd.lmsc.lockheed.com>
-> Organization: seas
->
-> In article <2u48dq$e6a@ams.amsinc.com>, warnickj@pentagon-hqdadss.arm
-> rnick) writes:
-> |> Did everyone see CNN's coverage of the west-coast murder story and
-> |> subsequent chase? This weekend, CNN was airing a recording of a c
-> |> 911 call made from the Bronco the police were following.
-> |>
-> |> Is cellphone monitoring illegal, or are the laws different for lib
-> shows?
-> |> Do press credentials somehow confer more monitoring rights?

Maybe you can clarify this for me...

I recall several different accounts of how the cell phone was involved...Probably these differences can be acredited to the ignorance of the media when it comes to radio technology. Anyway, at first the news people were claiming that the truck OJ was in was found by tracking the cell phone from cell to cell. Then they said the police actually called him and kept up with him that way. Several mentions were made to the effect that the cell phone was crucial to the police's ability to find OJ.

Is this not what the EPCA is supposed to guard against? This sounds like wire-tapping to me...If law enforcement suspects that you may be up to criminal activity, does that give them the right to bug your phone? Does that also give them the right to tap into your cell phone?

Seems to me that the American Double Standard is once again alive and well! Not that it ever went away in the first place!

Please clarify this issue...At the very least you can tell me I have my facts all wrong and if that's the case I just shut-up!

Thanks...

Mike Martin - Tulsa.

5473. Re: Monitor Times (Where can I get it)

Newsgroup: rec.radio.scanner
Date: 1994-06-22 23:41:02 UTC
From: jim@specialix.com
Message-ID: <CrtoGG.KJM@specialix.com>
Source record: 272635
Cross-posted to: alt.radio.scanner,rec.radio.scanner

djh@shell.portal.com (Darryl Harvey) writes:

>Can anyone in the San Jose Bay Area tell me where I can find a source
>for Monitor Times? I have looked all over the place with no luck..
>(Maybe they were just out of stock, but I have had no luck)

>Please advise.

I picked up a copy last night at the Barnes & Nobel at Stevens Creek
and San Tomas. It's in the magazine rack on the wall facing San
Tomas, on the right side, along with other radio type magazines (like
the BBC program guide). They usually also have Popular Communications,
but they were out.

5474. Weird Frequency

Newsgroup: rec.radio.scanner
Date: 1994-06-23 00:00:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <772341781.AA06937@rochgte.fidonet.org>
Source record: 272629

> From: mstone@nyx10.cs.du.edu (Matthew Stone)
> Organization: Nyx, Public Access Unix (sponsored by U. of Denver
> Math/CS dept.)

> Just wondering if someone can help me identify this frequency ..
> 154.7550

It is used by the Niagara and Jefferson County sheriffs in NY. If you
could give me a PL tone or some unit numbers used I could tell you which one
you were hearing.

===
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ
Monroe County Pumpkin Patrol Coordinator
Honorary Member of NYS Troopers Police Benevolent Association
Fidonet 1:2613/333.2 RadioNet 500:10/18
Internet david.stark@rochgte.fidonet.org
===

5475. Utah Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-23 00:05:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <772341781.AA06938@rochgte.fidonet.org>
Source record: 272630

> From: james_zinn@byu.edu (James Zinn)
> Organization: Brigham Young University

> I'm in the Salt Lake City-Provo/Orem area and am searching for a good
> source of freqs. I have picked up a copy of Police Call and Beyond
> Police
> Call, however, I'm a little disappointed at their Utah listings

What do you expect? Utah is not generally a very populous state. No
people = no radios.

5476. Re: Anything bad about a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-06-23 00:29:04 UTC
From: schuster@panix.com
Message-ID: <2ual0g$r82@panix3.panix.com>
Source record: 272714

In article <1994Jun21.150038.21580@ccd.harris.com>,
George A. Hebert(cont) <gah@ccd.harris.com> wrote:
>I just bought a Pro-43. I'm not sure it's worth the money.
>
>Anybody got any negative or positive things to say about it.

From my archives, a couple of years ago, when the PRO-43 came out and everyone was praising it as the ultimate handheld:

As a long-time AR-1000 owner who has looked over the fence at the PRO-43, I must temper the unregulated enthusiasm over the PRO-43 with some personal observations. (Yes, I, too succumbed to the ethic that you can't have too many scanners).

First, the PRO-43 scans faster and obviously has more useable sensitivity than the AR-1000. It also has smaller memory banks which are easier to manage. However, it could use 40 more such banks. Fine. Now for the negatives.

If this is a triple-conversion scanner, why are 160-161 MHz filled with interference from pagers and television audio? I thought this was the scanner which was billed as being free from images.

After using the AR-1000 it's almost impossible to live with only one set of search limits. Furthermore, the PRO-43 doesn't have a "search and STOP" function which will stay on a frequency of interest. Of course you can always turn off the squelch to make it stop searching, or hit the MONITOR button to store it ... but at the rate this radio searches, what if your fingers aren't fast enough? Searching through frequency ranges having birdies is particularly difficult, compared to the AOR or ICOM scanners, because there is no way to lock out individual frequencies during a limit search.

For a modern microprocessor-controlled scanner, the data manipulation facilities are terribly weak. For instance, there is no way to simply punch in and listen to a frequency without entering it into a memory channel. To add insult to injury, you can't manually write into the scratchpad "monitor" channels unless you're in the middle of an automated search. Nor is there a way to clear out the monitor channels without resetting the scanner.

I =really= miss the VFO knob on the AR-1000; in fact I constantly reach for it (non-existent) on the PRO-43 out of habit. And there's no functional equivalent, either. In search mode, even with the squelch open you cannot use the up-down buttons to reliably step through the

search range. Why? "Zero-Matic" keeps intruding, trying to track the center of a signal many kilohertz away.

The squelch makes an annoying thump when it opens, and an even bigger thump when it closes. Unlike other users, though, I don't find the so-called "bassiness" of the audio to be a problem.

The LCD display is pitifully small. Even the ultraminiature ICOM R-1 has bigger numerals! The dial light should be CPU-driven like the R-1. Press the button, it should stay lit for 5 seconds. Press the button again within those 5 seconds, it should go off. Press any OTHER buttons during those 5 seconds, it should continue to stay lit for 5 seconds after you stop pressing other buttons. Does it? No.

The belt clip feels so flimsy I'm afraid to use it for fear it will break off. And why, on their best handheld, do they still use the cheapest type of center terminal for the BNC connector? The buttons are too tiny, too, and their travel when depressed is too short to provide positive feedback (I guess that's what the blasted beep is for, eh?) I also expect the white numerals to fall off the buttons, aided by friction from the walls of The Pouch that I store it in. Thankfully, however, that hasn't happened.

Now don't get me wrong ... I'm basically happy with this scanner and don't intend to return it (especially after microsurgery!) but I really felt it necessary to balance the scales here.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5477. Re: Anything bad about a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-06-23 00:30:12 UTC
From: schuster@panix.com
Message-ID: <2ual2k$rf5@panix3.panix.com>
Source record: 272715

In article <2uagvr$35g@pandora.sdsu.edu>,
A magnet cured WINDOWS <ewitmaye@ucssun1.sdsu.edu> wrote:
>George A. Hebert(cont) (gah@ccd.harris.com) wrote:
>: I just bought a Pro-43. I'm not sure it's worth the money.
>
>: Anybody got any negative or positive things to say about it.
> ========
>
>Well, it's made by TANDY Corp. ... What is left to be said ?

How about accurate information?

It is manufactured by GRE Japan.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5478. Re: I changed pro-2006 Xtal to 15MHZ..it works faster

Newsgroup: rec.radio.scanner
Date: 1994-06-23 00:41:40 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-220694160219@m12112.esl.com>
Source record: 272716

In article <2u8afm$q06@crl.crl.com>, henniger@crl.com (Mickey R Henniger)
wrote:

> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:
>
> > -=> Quoting Mickey R Henniger to All <=-
>
> > MRH> On the microprocessor board (behind the keypad) I found a 3 legged
> > MRH> crystal + dual capacitor combo thingie. I unsoldered it and replaced
> > MRH> it with a 15 Mhz crystal. It works okay. Scanning speed up to about
> > MRH> 38.5 channels / sec.
> > MRH>
>
> > Hi, Mick...
> > This modification is one that is described in Bill Cheek's Scanning
> >Modification books. He recommends not going past 16 Mhz as this will
> >overwork the microprocessor.
> > Jerry
> >
>
> Bill Cheek does not describe a mod for changing the Xtal on the 2006.
> He has mods described for the 2004 and 2005 (up to 10 Mhz).
>
> The reason for my post was:
> 1. The mod also works on the 2006.
> 2. In at least one case, 15 Mhz (not Bill's recommended 10) worked
> 3. I wanted to quantify the resultant speed for any who wished to
> try it.
>
> Mick
> (wb5von)

Bill Cheek does indeed describe the mod for the 2006 in Vol 2 of the
Mod Handbook with the caveat that he hadn't tried it himself at press
time.
I did this mod a few weeks ago, I put the processor from a 2006 into my
2005 along with a 16MHz Xtal and it works very well (40 Chan/sec).
Of course the delay time is reduced by 1/3 but it's hardly noticable
in actual use IMO. I compared the signal captures between my unmodified
12MHz 2006 against the 16MHz 2005>6 while connected to the same antenna
thru a signal splitter and they were identical except on VERY weak signals.

Where either radio would occaisonally miss a signal that the other caught.

I determined that the dwell time per channel was so short that if, at the instant the radio sampled the signal, it was faded out, the radio would not

see the signal and scan right past it. If this is a concern and you are scanning for weak signals then you should scan at the slow scan speed to increase the probabilty of intercepting the signal on the first sweep. If you are sweeping a narrow range when it only takes seconds (ie. <1 Min) to complete a sweep then you should allow the radio to re-visit the freq more often by scanning at the faster rate. This is why there are two scan rates on the radio, with scanning receivers there is a trade off between re-visit rate and dwell time on each freq that must be considered.

Good listening.
MAD

The opinions expressed here are | Covering 100KHz to 2GHz contigous.
my own, but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

5479. Re: Who sells Yupi's,anyone in U.S.?

Newsgroup: rec.radio.scanner
Date: 1994-06-23 01:09:06 UTC
From: amc@cup.portal.com
Message-ID: <115145@cup.portal.com>
Source record: 272723

I got mine from Scanners Unlimited in San Carlos California. Phone
415-573-1624.

5480. Re: Anything bad about a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-06-23 01:25:00 UTC
From: bass@cais.cais.com
Message-ID: <2uao9c$s4e@sun.cais.com>
Source record: 272651
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Well, I bought a Pro-46 and then traded it in of a Pro-43.
I really like it, but I'm not sure it's worth the big bucks
paid.

(but I'll keep it!!)

George A. Hebert(cont) (gah@ccd.harris.com) wrote:
: I just bought a Pro-43. I'm not sure it's worth the money.

: Anybody got any negative or positive things to say about it.

: Thanks
: George

5481. Re: Anything bad about a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-06-23 01:25:25 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun23.012525.19707@hpcvaac.cv.hp.com>
Source record: 272717
Cross-posted to: alt.radio.scanner,rec.radio.scanner

ewitmaye@ucssun1.sdsu.edu (A magnet cured WINDOWS) writes:
: George A. Hebert(cont) (gah@ccd.harris.com) wrote:
: : I just bought a Pro-43. I'm not sure it's worth the money.
:
: : Anybody got any negative or positive things to say about it.
: ========
:
: Well, it's made by TANDY Corp. ... What is left to be said ?

Wrong. It is made for Tandy/Radio Shack. It is also considered to
be one of the best handhelds you can buy. The tabletop PRO-2006 also
is highly rated.

Not everything Rat Shack sells is junk - just a lot of it.

Bill

5482. Re: New RS Scanners?

Newsgroup: rec.radio.scanner
Date: 1994-06-23 01:35:54 UTC
From: gdallal@world.std.com
Message-ID: <Crttrv.28o@world.std.com>
Source record: 272718

Joe Rao (obieone@eskimo.com) wrote:
: Also, when is the new catalog coming out?

mid-August

5483. Re: Anything bad about a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-06-23 01:50:52 UTC
From: gdallal@world.std.com
Message-ID: <CrtuGt.6s0@world.std.com>
Source record: 272719
Cross-posted to: alt.radio.scanner,rec.radio.scanner

A magnet cured WINDOWS (ewitmaye@ucssun1.sdsu.edu) wrote:
: George A. Hebert(cont) (gah@ccd.harris.com) wrote:
: : I just bought a Pro-43. I'm not sure it's worth the money.

: : Anybody got any negative or positive things to say about it.
: ========

: Well, it's made by TANDY Corp. ... What is left to be said ?

That it's made *for* them by GRE. Triple conversion. Many knowledgeable users regard it as one of the best handhelds available. It is one of the best in its price range, without question. My impression (I own one) is that its performace is very good, but its range of features could be better (there's only one pair of frequencies for search ranges, for example).

5484. Re: I changed pro-2006 Xtal to 15MHZ..it works faster

Newsgroup: rec.radio.scanner
Date: 1994-06-23 01:55:12 UTC
From: henniger@crl.com
Message-ID: <2uaq20$am@crl.crl.com>
Source record: 272720

jeh@cmkrnl.com (Jamie Hanrahan, Kernel Mode Systems) writes:

>> 2. In at least one case, 15 Mhz (not Bill's recommended 10) worked

>I always wonder how well these scan speed-ups really work. Sure you can "scan"
>many channels per second as far as the uP is concerned, but the receiver part
>of the unit needs time to lock on to the new frequency and see if anything's
>there. Just counting the channels whizzing by on the display doesn't tell you

The test I did involved the ability to lock on relatively weak as well as
strong signals. If it can't stop on a frequency, it doesn't really work
at that frequency.

Mick
(wb5von)

5485. Re: Weird Frequency?

Newsgroup: rec.radio.scanner
Date: 1994-06-23 02:04:32 UTC
From: mstone@nyx10.cs.du.edu
Message-ID: <2uaqjg$8pt@nyx10.cs.du.edu>
Source record: 272722

2
To: soliver@vertigo.helix.net
Subject: Re: Weird Frequency
Newsgroups: rec.radio.scanner
In-Reply-To: <2u7has$7tn@vertigo.helix.net>
References: <2u61qq$f0e@nyx10.cs.du.edu>
Organization: /usr/lib/news/organi[sz]ation
Cc:
Bcc:

Well I identified what the frequency was. It's the Niagara County (NY)
Sheriff's Office.. I forogt to mention in my last message that I thought
it sounded like police operations. Well I finally identified it today after
hearing something about "county court" and yup it was the NCSO.. Does anyone
have any other frequencies for the Niagara County region?

Matthew

5486. Re: LA Cellular Scanning...

Newsgroup: rec.radio.scanner
Date: 1994-06-23 02:05:15 UTC
From: henniger@crl.com
Message-ID: <2uaqkr$si@crl.crl.com>
Source record: 272721

rausch@flounder8.Berkeley.EDU (David R Rausch) writes:

>In article <2u7ski$5g7@crl.crl.com>, henniger@crl.com (Mickey R Henniger) writes:
>|> domonkos@access.digex.net (Andy Domonkos) writes:

>|> cell site. The information of what commute *EVERY* powered up cellphone
>|> takes is in the computer... of course the cellular carriers would not
>|> look at this information - that might be an invasion of privacy.

>When a cell phone is first powered up, it will scan the forward control
>channels and measure the signal strength on each one. It will then
>tune to the strongest one and then decode the overhead control and
>paging messages. It will also transmit it's mobile identification
>number (NAM). At this point the system knows what cell site the cell
>phone is in. The phone will re-scan the control channels and re-transmit
>it's NAM every 30 minutes. So the cell phone could move quite a distance
^^^^^^^^^^
>before it's location will be known by the system. The system can also transmit
>a page for the cell phone and the cell phone will respond.

Where does this 30 minute figure come from? It's not in the spec. It
certainly can't be the rate of control channel re-scan if you're moving on
a freeway.

mick
(wb5von)

>--
>David R. Rausch /\ /\ Motorola Cellular Infrastructure
>rausch@cig.mot.com / \/ \ (my words, not Motorola's)
>--

5487. Re: Am I ham licensed?

Newsgroup: rec.radio.scanner
Date: 1994-06-23 02:09:41 UTC
From: bbsuser@kd3bj.uucp
Message-ID: <CrtvC5.1zt@kd3bj.uucp>
Source record: 272632

The Restricted Radiotelephone Permit is good for operating AM/FM broadcast stations, and other two-way services such as aircraft radios, taxi radios, etc. It is an operator-only permit. No maintenance or repair is allowed under the provisions of the permit.

If you plan to do more than the basics in broadcasting, take the exam for the General Radiotelephone Certificate, which is now for life, and carries privileges such as maintenance.

To operate any Amateur Radio station, you need an amateur radio operator's
license of the appropriate class for the frequency/mode being used.

Robert.Garland@kd3jb.ampr.org

--
Robert Garland

5488. Re: Legal rights to see FCC license?

Newsgroup: rec.radio.scanner
Date: 1994-06-23 02:12:40 UTC
From: bbsuser@kd3bj.uucp
Message-ID: <CrtvH4.21D@kd3bj.uucp>
Source record: 272633

Check 47 CFR and I'll bet that even the cops need to post a copy of the license at the control point. The only difference for them is that they only need a station license. The operators don't each need an operator's license as long as they are employees of the station licensee.

47 CFR can be found on the bookshelf at any good college library, and at most large city libraries. Check the government documents section.

--
Robert Garland

5489. Re: DSP-12 users/programmers

Newsgroup: rec.radio.scanner
Date: 1994-06-23 02:40:05 UTC
From: hansen@jane.cs.fredonia.edu
Message-ID: <1994Jun23.024005.14683@penny.cs.fredonia.edu>
Source record: 272625
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.space,rec.radio.scanner

Bruce M. Marshall (bmm1@freenet3.scri.fsu.edu) wrote:
: I have been using an L.L.Grace DSP-12 for about a year now and am
: happy with it. It is a very powerful piece of equipment and is under
: utilized with it's present firmware. Is anyone doing any programming
: for this device?

There have been some interesting applications developed but they are few and far between. I have an oscilloscope program that Brooks gave me a year or so ago (but I don't know whether it is available for public distribution). Also right now there are some audio filters posted on Ko-23. I've not tried them yet but they look interesting.

: Is firmware version 2.0 the latest?

yes
: Is the AEA DSP
: unit programmable and if so are programs written for it compatible
: with the DSP-12? Any info or opinions welcomed.

They are not compatible... if I'm not mistaken it even uses a different DSP chip.

You may or may not know that LL Grace has a developer's kit for sale for $25. I know Brooks has been puzzled as to why there has not been more development activity. One reason, I think, is that there is no way to upload additional programs to the unit. If you upload new firmware it replaces what is in ROM, it doesn't augment it. So you go through an upload proceedure to put an additional program in, but the next time you want a 9600 baud modem you have to default to the ROM, but if you want the new program you have to upload it again. You really have to think twice before deciding to upload

73, John

5490. Re: Magnetic mount antenna question...

Newsgroup: rec.radio.scanner
Date: 1994-06-23 03:16:13 UTC
From: cobra@coyote.datalog.com
Message-ID: <q0Rcoc2w165w@coyote.datalog.com>
Source record: 272638
Cross-posted to: rec.radio.scanner,rec.radio.cb

Tim.Stammers@dartmouth.edu (Tim) writes:

> Does anyone out there know of something that can be put in between the
> surface of the vehicle and the magnet mount of the antenna, so that the
> antenna can be removed without damaging the paint? In the past I tried
> a piece of leather and another time a piece of felt, but neither one
> worked very well. Please post any ideas that you may have. Thanks in
> advance!
>
>
>
> - Tim \\\|///
> \\|// Tim.Stammers@Dartmouth.edu
> 0 0
> -----uuu--U--uuu-----

The best item that I can think of is a piece of 0.050" Teflon(tm) - it's not cheap, but that *will* work, provided you have an exceptionally strong magnetic mount (e.g. Wilson's mount, the K40 mount, the big-dollar RS mag mount)

You'd need to tune the antenna with the Teflon in place - it could make a difference in the VSWR readings...

I've never tried it; but it should work...

Ken Thompson - cobra@coyote.datalog.com - cobra@jab.tucson.az.us

5491. Improve Listening on Handheld??

Newsgroup: rec.radio.scanner
Date: 1994-06-23 04:50:05 UTC
From: robhall@bu.edu
Message-ID: <2ub49t$56h@news.bu.edu>
Source record: 272631

Hi!! I have a Realistic PRO-37 Handheld scanner. I have enjoyed many hours of listening to many different things. I wish to increase the number of things
that I can listen to especially in the 30 to 50 Mhz bands. I already know about cordless phones and baby monitors. Also if anyone has any tips on antennas for handhelds i'd appreciate you mailing me them as well. Thanks..

--
Robert Hall
robhall@bu.edu

5492. Re: Wyoming freqs' wanted

Newsgroup: rec.radio.scanner
Date: 1994-06-23 05:38:59 UTC
From: jwh@kaiwan.com
Message-ID: <2ub75j$j14@kaiwan.kaiwan.com>
Source record: 272634
Cross-posted to: rec.radio.scanner,alt.radio.scanner

If possible.. look about 70 messages back. I posted a truck load of frequencies for that area. If you can't find it (its still in my message list) I can email them to you.

Good day.. John Herndon (jwh@kaiwan.com)
--
: ONE STOP TECH SHOP BBS * (310) 421-6766 * 24 Hours * USR 14.4 DS * 8/N/1 :
: Ham Radio * Scanners * Shortwave Listening * CAD/CAM/CAE * Satellites :
: Groom Lake/Area 51/S4 * X-Planes & Black Budgets * 500 Megs + 3 CD-ROMs :
: Call and share your interests & knowledge with others! :

5493. Car Window antenna for Air Band Yupiteru VT-225??

Newsgroup: rec.radio.scanner
Date: 1994-06-23 07:05:43 UTC
From: yc23@uk.co.gec-mrc
Message-ID: <4652@mrcu>
Source record: 272579

I'm about to have delivered a Yupiteru VT-225 Airband receiver and wonder whether the unused carphone antenna on my cars rear window would be of any use for this band or whether changing the screw in antenna to another of presumably a different and correct length would work. The current unit is a "Panorama"...any ideas?

Trevor Wright
--
Trevor Wright,Computer Resources | Tel: +44 245 473331 x 3224 + Answerphone
GEC-Marconi Research Centre | Fax: +44 245 475244 or 478639
GEC-Marconi Ltd, Great Baddow | uucp: <world>!uknet!gec-mrc!wright
Chelmsford,Essex. UK CM2 8HN | Other: wright@gec-mrc.co.uk

5494. Need 2004 parts

Newsgroup: rec.radio.scanner
Date: 1994-06-23 07:44:00 UTC
From: barkman@zeta.is.tcu.edu
Message-ID: <1994Jun23.025556.189@news.tcu.edu>
Source record: 272644

The old PRO-2004 is getting a bit old. Besides trying Radio Shack, anyone have some ideas where I could look for a replacement EL701 or GE part GE-85D-6011 (electro luminescence or back light) and keypad panel GE-86D-6358? A friend of mine went to RS for the backlight (which I see is also referenced as GE-85D-6067) and they said they do not stock them anymore. They did order something and it turned out to be smaller (possibly for the 2005 or 6. You could see the PC board around the strip when installed. He returned it. My keypad is wearing out too. The radio is modded so having one of those 400 channel pads would be OK too. Seven years plus and still kickin'. Guess the easy way out would be to get ahold of GE. Anyone have a phone number for them?

myles KG5AI

5495. Re: Utah Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-23 08:51:32 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.340.0008DC29@ccm.hf.intel.com>
Source record: 272653

In article <772341781.AA06938@rochgte.fidonet.org>
David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:

> > I'm in the Salt Lake City-Provo/Orem area and am searching for a good
> > source of freqs. I have picked up a copy of Police Call and Beyond
> > Police
> > Call, however, I'm a little disappointed at their Utah listings

> What do you expect? Utah is not generally a very populous state. No
>people = no radios.

I have enough radios for about half the population :-)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5496. Re: Skip

Newsgroup: rec.radio.scanner
Date: 1994-06-23 09:07:09 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.341.00091ED3@ccm.hf.intel.com>
Source record: 272655

In article <1994Jun22.123555.3953@arrl.org> jkearman@arrl.org (Jim Kearman (KR1S)) writes:
>Sporadic E propagation has been reported at frequencies higher than
>155 MHz; propagation between PA, DE, NJ and MD was probably the
>result of what's called "tropo." Short for "tropospheric," tropo is
>often mistaken for ducting. Tropo is often associated with stalled
>high pressure systems, such as the one that sat on the Northeast
>last week. The boundary between two air masses of different
>temperatures refracts vhf and uhf signals. This boundary region
>may be several thousand feet about the ground.

>Ducting is a less-common propagation mode. A tropospheric duct
>acts like a pipe, channeling radio waves from one point to another.

Well, maybe you should update the ARRL Handbook since it describes what you call "tropo" as tropospheric ducting (although I realize that there are many such weather related phenomenon and rigid terminology falls short of quantifying the many variables involved). The main problem with calling something just tropo or tropospheric, is that this is an adjective that is not modifying any noun. I would think anyone familiar with the english language would feel a bit awkward using this as a technical term to describe a scientific phenomenon.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5497. Re: Antenna Frustration...

Newsgroup: rec.radio.scanner
Date: 1994-06-23 09:14:21 UTC
From: jmm5h@Virginia.EDU
Message-ID: <1994Jun23.091421.17429@Virginia.EDU>
Source record: 272648

judice@sulaco.enet.dec.com writes:
>
> First of all.... $*#*#*#*@!!!!!
>
> Now that I've calmed down... I recently installed a Grove Scantenna
> on the highest point on my house, with 50' of RG6 (Grove recommended)
> lead in wire to a RS 2026 scanner. I live in western Jersey in the
> middle of three NWS transmitters - Allentown, New York and Philadelphia.
> I now receive Philadelphia very well, New York moderately well and
> Allentown poorly. My location is on the side of a mountain, so it's
> not unexpected that reception OVER the mountain would be poor.
>
> BUT... Last night I connected my $15 Radio Shack "Ground Wave" base
> antenna to the scanner with 3 feet of (RG9 - I think, thick coax with
> PL259 connectors on both ends), held it in the middle of my living room
> and got NY, Phil and Allentown perfectly.
>
> Is my problem:
>
> - losses on the 50' of RG6?
> - directional problems (the Scantenna is mounted on the
> chimney, off of a metal mounting mast)?
> - The Scantenna itself? (I followed directions putting it
> together)
>
>
> Thanks!
>
> Signed,
> Frustrated in New Jersey,
> judice@sulaco.enet.dec.com
Check to see if there is a short between themain
conductor and the braid, perhaps the cable is defective or
something is touching something it shouldn't.

5498. Re: New Radio Shack mag: Radio!

Newsgroup: rec.radio.scanner
Date: 1994-06-23 09:37:03 UTC
From: henryb1275@aol.com
Message-ID: <2ubl3v$cr9@search01.news.aol.com>
Source record: 272647

My local Radio Shack did not have the mag last time I checked. They claim that they have to buy a minimum number of copies and don't think they can sell all of them. Everyone's complaining about the ads-I can't even get a copy to evaluate.

73,
Henry B.

5499. Legal US Cellular Scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-23 11:11:08 UTC
From: steven@sgb.oau.org
Message-ID: <CruKEM.9y8@sgb.oau.org>
Source record: 272576

In reading alt.2600, I found these instructions regarding cellular monitoring and scanning with legally available equipment. I guess this means that as of April 26, 1995, you will no longer be allowed to manufacture or import for use in the United States any cellular telephone:

From: Byron_Ng@mindlink.bc.ca (Byron Ng)
Newsgroups: alt.2600
Subject: Oki 900 Cell phone (can scan or transmit on any cell channeL
Date: Tue, 21 Jun 94 21:55:44 -0700 (PDT)
Organization: MIND LINK! - British Columbia, Canada
Lines: 38
Distribution: world
Message-ID: <47321@mindlink.bc.ca>
NNTP-Posting-Host: mindlink.bc.ca

this is the number for the OKI 900 Model cell phone:
NOTE: the AT&T model 3730 cell phone is also the SAME thing)

1. turn on the phone
2. press 7 + 9 keys simultaneously.
3. press MENU
4. press SEND
5. press END
6. press RCL
7. press STO
8. press CLR

if you typed #1-8 properly, the telephone will say "good timing" on its display screen.

then:
9. press CLR
10. press 1+3 simultaneously to activate test mode. the display will clear., and all the lights will turn on.

11. now you can enter any of the test commands.

the format is "command" then "SND"
example

(do not enter the # sign)
24 = displays ESN
09Xxxxx=<--- XXXX is the channel frequenc
12= enables receive on the specicfied channel
14= enables transmit on the specified channel
22= displays NAM info.

--

Notice the last part... Transmit and receive capability. I guess it is now
time to purchase one of these for my monitoring collection!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5500. Re: Reply to Bob Grove

Newsgroup: rec.radio.scanner
Date: 1994-06-23 12:09:30 UTC
From: bkobb@newsignals.com
Message-ID: <netnewsCrun3u.8Ez@netcom.com>
Source record: 272650

>I believe you will see in section two, it states imported for use in the
>United States. There are other reasons to import than simply for use.

The actual regulation does not say "imported for use," it just says
"the manufacture or importation of scanning receivers, and frequency
converters designed or marketed for use with scanning receivers, that
do not comply with the provisions [that ban cellular coverage]
shall cease on or before April 26, 1994."

I'm not aware of anyone who has tried to import scanners not certified for
use in the U.S. on the pretext that they will not use them in the U.S.
Have you done this successfully?

>This is why the U.S. Customs can not confiscate them.

Customs can bar importation. If the products are imported and the FCC
finds
a violation, the FCC can issue a fine or request Customs to issue
redelivery notice. If the importer doesn't redeliver, Customs can fine
them.

5501. Re: La Cellular Scanning...

Newsgroup: rec.radio.scanner
Date: 1994-06-23 14:13:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <30d_9406231105@blkcat.fidonet.org>
Source record: 272663

H> >it's NAM every 30 minutes. So the cell phone could move quite a dist

Isn't that more like every 5 minutes!!??

Fidonet: Tom Eagan 1:109/239
Internet: Tom.Eagan@f239.n109.z1.fidonet.org

5502. Pro-44 on Sale $129

Newsgroup: rec.radio.scanner
Date: 1994-06-23 14:25:35 UTC
From: gah@ccd.harris.com
Message-ID: <1994Jun23.142535.2267@ccd.harris.com>
Source record: 272621
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I just saw that RS has the Pro-44 on sale for $129 (reg $169).
I know it doesn't have 800 Mhz.
Anybody got one?

Want do you think?

Thanks
George

5503. Re: For Sale : Bearcat 2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-06-23 14:48:37 UTC
From: g.a.guarry@larc.nasa.gov
Message-ID: <g.a.guarry.15.001BEB8B@larc.nasa.gov>
Source record: 272665

In article <2ucj41$7rd@pendragon.jsc.nasa.gov> kerr@ftp.jsc.nasa.gov (Ted Kerr) writes:

>For Sale: Bearcat 2500xlt handheld scanner
> 3 months old
> Perfect condition, not a scratch
> Cellular restored

What is Cellular restored?

Greg -- I don't use SIG's.

Opps. well I guess this is one.

5504. Re: Improve Listening on Handheld??

Newsgroup: rec.radio.scanner
Date: 1994-06-23 15:00:27 UTC
From: horak@convex.com
Message-ID: <horak.772383627@convex.com>
Source record: 272654

In <2ub49t$56h@news.bu.edu> robhall@bu.edu (Rob Hall) writes:

>Hi!! I have a Realistic PRO-37 Handheld scanner. I have enjoyed many
>hours of listening to many different things. I wish to increase the
>number of things that I can listen to especially in the 30 to 50 Mhz
>bands. I already know about cordless phones and baby monitors. Also
>if anyone has any tips on antennas for handhelds i'd appreciate you
>mailing me them as well. Thanks..
>
>Robert Hall
>robhall@bu.edu

An easy way to improve your 30-50 scanning experience is to make a 10 foot dipole (468/frequency in MHz = length in feet, so 468/46.8MHz which is in the cordless phone base band, equals 10 feet) out of Radio Shack speaker wire (24 feet of #42-2478 on page 23 of the 1994 catalog). Also, get a RCA to BNC adapter. Take one end of the wire and cut off the BNC, leaving a few inches of wire on it (you'll use it later). Take the 23 feet or so of wire and seperate the cut ends about five feet apart so that it stretches ten feet end to end. Mount this dipole on the wall, ceiling, or somewhere up off the ground. You may find slightly more signal strength if you mount it vertically. The rest of the length is so you have plenty of wire to run from the antenna to your scanner. Of course, if you need a longer wire run, use the 50 foot wire. Since 30-50 is a pretty low frequency, cable losses are minimum. You'll be amazed at the improvement in low band performance from this inexpensive antenna. Now, for that other BNC end piece you cut off, seperate the wires until you have about three inches of wire on each side. Use an ohm meter to determine which wire is the center lead. Completely cut off the ground wire and leave two or three inches of the center conductor wire. Get another RCA to BNC adapter and you have an average antenna for cellular and more importantly, a good antenna for very strong signal situations where a regular antenna gives you overload. Since this short antenna is almost worse than a rubber duck, it is ideal for use at concerts, finding wireless mikes, etc. without picking up other interference.

David Horak

5505. Re: Anything bad about a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-06-23 15:05:51 UTC
From: RWH@CCCS.UMN.EDU
Message-ID: <RWH.234.092531E4@CCCS.UMN.EDU>
Source record: 272652
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Jun21.150038.21580@ccd.harris.com> gah@ccd.harris.com (George A. Hebert(cont)) writes:
>From: gah@ccd.harris.com (George A. Hebert(cont))
>Subject: Anything bad about a Pro-43
>Date: Tue, 21 Jun 1994 15:00:38 GMT

>I just bought a Pro-43. I'm not sure it's worth the money.

>Anybody got any negative or positive things to say about it.

The only negative that I've experienced is that it seems to have real intermod problems on the VHF-HI frequencies (150 MHz - 170 MHz) that has made it very annoying to use for listening to the local police/fire activity. The railroad monitoring types on Compuserve seem to have pretty well written on the Pro-43 for their purposes because of the IM problems.

On the positive side, it is a really well designed unit that seems born to listen to 800 MHz -- not that I would do that of course :-) Given a choice, I would buy it again.

--rick

+---+
| Richard Hoffbeck, Sr Analyst e-mail: rwh@cccs.umn.edu |
| Prostate, Lung, Colorectal & Ovarian cis: 72406,521 |
| Cancer Screening Trial voice: (612) 627-4151 |
| University of Minnesota fax: (612) 627-4158 |
| 212 Ontario St SE, Suite 202 |
| Minneapolis, MN 55414 |
+---+

5506. Re: Anything bad about a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-06-23 15:31:00 UTC
From: yyjdb@jzola.lerc.nasa.gov
Message-ID: <2uc9rk$4e3@sulawesi.lerc.nasa.gov>
Source record: 272656

In article <2ual0g$r82@panix3.panix.com>,
Michael Schuster <schuster@panix.com> wrote:
>However, it could use 40 more such banks.
Yes, it could use more banks.

>If this is a triple-conversion scanner, why are 160-161 MHz filled
No matter how many IF's it has, there will be always be this
condition, the number of IF's only place the problem into
different ranges.

>After using the AR-1000 it's almost impossible to live with only one
>set of search limits. Furthermore, the PRO-43 doesn't have a "search
>and STOP" function which will stay on a frequency of interest. Of
Yes, I agree.

>For instance, there is no way to simply
>punch in and listen to a frequency without entering it into a memory
Yes, I agree.

>I =really= miss the VFO knob on the AR-1000; in fact I constantly
Yes, I agree.

>The squelch makes an annoying thump when it opens, and an even bigger
>thump when it closes.
I really agree, I tried to run the audio into an amp (into a
speaker) and the DC Thump was most damaging.

>The LCD display is pitifully small. Even the ultraminiature ICOM R-1
I don't know about this one.

The dial light should be CPU-driven like the R-1.
>Press the button, it should stay lit for 5 seconds. Press the button
This one I know about, it would be nice.

>The belt clip feels so flimsy I'm afraid to use it for fear it will
>break off. And why, on their best handheld, do they still use the
Same here, you have seen what it screws into.

>The buttons
>are too tiny, too, and their travel when depressed is too short to
>provide positive feedback (I guess that's what the blasted beep
>is for, eh?) I also expect the white numerals to fall off the buttons,
>aided by friction from the walls of The Pouch that I store it in.
>Thankfully, however, that hasn't happened.
I don't know about this one.

>Now don't get me wrong ... I'm basically happy with this scanner and
>don't intend to return it (especially after microsurgery!) but I
>really felt it necessary to balance the scales here.
Yup, may I concur whole heartedly with you.

*It was the best choice for my budget, and application!
John.

5507. Troutdale OR airshow

Newsgroup: rec.radio.scanner
Date: 1994-06-23 15:32:41 UTC
From: mjohnson@wv.mentorg.com
Message-ID: <2uc9up$qmm@hpcan240.mentorg.com>
Source record: 272657

Can anyone give me the frequencies that will be used for
the airshow this weekend at Troutdale, OR? What are the
normal approach, tower and ground frequencies, both
civilian and military?

Please reply via e-mail to

mark_johnson@mentorg.com

since I don't get much chance to read news these days.

Regards, Mark.
--
Mark A. Johnson -- Mentor Graphics Corp.
mark_johnson@mentorg.com 8005 S.W. Boeckman Road
(503)685-1321 Wilsonville, OR 97070-7777

5508. Re: Question

Newsgroup: rec.radio.scanner
Date: 1994-06-23 15:38:31 UTC
From: dbashaw@synoptics.com
Message-ID: <Cruws9.Lz1@synoptics.com>
Source record: 272658

Mike Moffit wrote:
>What you speak of is Caller ID...it is a service offered by the
>telephone company; Radio Shack just sells the display units.
>
>Basically, on the first ring, a burst of data is sent to the display
>unit at 1200 baud. The display unit then interprets the data, which
>usually means someone's phone number shows up in the display.
>
>It will *not* work on your phone, as your phone company doesn't offer
>the service.

I was asked by a previous employer to develop a CID product to
complement our network security product line. When I told him it
was'nt supposed to be legal here in Ca he replied "B--- S---. So That night
while scanning through the latest copy of Nuts And Volts I found
an advert by some company who thought this evil technology should
be exposed and it listed a phone number to call to allow you to
verify if your phone company provided it. So I called the number
(sorry, I cant find it :>( ) And a voice answered the call with a
response like " I know who you are _insert your pho # here_. "
This was followed by a pitch for a product I cant remember.

It may or may not be legal in Ca, but ITS HERE :-(

Dave Bashaw

5509. Re: LA Cellular Scanning...

Newsgroup: rec.radio.scanner
Date: 1994-06-23 16:50:21 UTC
From: rausch@flounder8.Berkeley.EDU
Message-ID: <2ucegd$fl6@delphinium.cig.mot.com>
Source record: 272591

In article <2uaqkr$si@crl.crl.com>, henniger@crl.com (Mickey R Henniger) writes:
|> rausch@cig.mot.com (David R Rausch) writes:
|>
|> >In article <2u7ski$5g7@crl.crl.com>, henniger@crl.com (Mickey R Henniger) writes:
|> >|> domonkos@access.digex.net (Andy Domonkos) writes:
|>
|> >|> cell site. The information of what commute *EVERY* powered up cellphone
|> >|> takes is in the computer... of course the cellular carriers would not
|> >|> look at this information - that might be an invasion of privacy.
|>
|> >When a cell phone is first powered up, it will scan the forward control
|> >channels and measure the signal strength on each one. It will then
|> >tune to the strongest one and then decode the overhead control and
|> >paging messages. It will also transmit it's mobile identification
|> >number (NAM). At this point the system knows what cell site the cell
|> >phone is in. The phone will re-scan the control channels and re-transmit
|> >it's NAM every 30 minutes. So the cell phone could move quite a distance
|> ^^^^^^^^^^^
|> >before it's location will be known by the system. The system can also transmit
|> >a page for the cell phone and the cell phone will respond.
|>
|> Where does this 30 minute figure come from? It's not in the spec. It
|> certainly can't be the rate of control channel re-scan if you're moving on
|> a freeway.
|>
|> mick
|> (wb5von)
|>

I believe the the re-scan rate is different for different vendors. But I
believe that Motorola phones re-scan every 30 minutes. And yes, the cell
phone could be many cells away from where it was when it was first powered
up. If there is a call for that cell phone, the system will page in the last
known cell. If there is no response from the cell phone the system will
page over the entire system.

...David

--

David R. Rausch /\ /\ Motorola Cellular Infrastructure
rausch@cig.mot.com / \/ \ (my words, not Motorola's)

5510. pro-2024 cellular mods.

Newsgroup: rec.radio.scanner
Date: 1994-06-23 17:24:40 UTC
From: boejaker@packard.win.net
Message-ID: <17@packard.win.net>
Source record: 272666

I've read the postings for mods to other pro models. Can someone tell me if they would be the same for the 2024, or would it be different in modification? Thanks for any help!

5511. Re: CNN & cellphone scann

Newsgroup: rec.radio.scanner
Date: 1994-06-23 17:27:30 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2ucgm2$lic@dancer.cc.bellcore.com>
Source record: 272672

In article <940623043016705@michaelr.com>,
Mike Martin <mike.martin@michaelr.com> wrote:
>Maybe you can clarify this for me...
>I recall several different accounts of how the cell phone was
>involved...Probably these differences can be acredited to the ignorance
>of the media when it comes to radio technology. Anyway, at first the
>news people were claiming that the truck OJ was in was found by tracking
>the cell phone from cell to cell. Then they said the police actually
>called him and kept up with him that way. Several mentions were made to
>the effect that the cell phone was crucial to the police's ability to
>find OJ.

One item mentioned recently was that the fleeing vehicle was described
over the radio and several people called the police with their cell
phones and reported the location of the white bronco as they drove
in close proximity to it or if it had passed them on the highway.

That'd certainly be a legitammate way for cell phones to
have helped in the locating of the vehicle.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

5512. Re: Q: Why can't I get anything on the CHP mobile frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-23 17:29:57 UTC
From: alf@kaiwan.com
Message-ID: <j4L2kClg1OBK066yn@kaiwan.com>
Source record: 272661

In article <1994Jun14.175118.18027@sparc.SanDiegoCA.ncr.com>, you wrote:
> In the latest edition of Police Call (1994), I have pulled out the
> frequencies for the CHP out of Oceanside - both the base 42.420 and
> the associated mobiles 42.840. I also have the extender channel
> 154.905 loaded up. I get wondeful results on the base channel but
> hardly anything on the mobile channel.

Well the 154.905 is a low power vehicle extender. You have to be
rather close to hear them. I have heard them before. If USENET
is to be trusted, this extender is automatically turn OFF once
the vehicle starts rolling.

--
Alfred Lee
Fountain Valley, CA, U.S.A.
alf@kaiwan.com

5513. For Sale : Bearcat 2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-06-23 18:09:05 UTC
From: kerr@ftp.jsc.nasa.gov
Message-ID: <2ucj41$7rd@pendragon.jsc.nasa.gov>
Source record: 272662

```
For Sale: Bearcat 2500xlt handheld scanner
3 months old
Perfect condition, not a scratch
Cellular restored
In box with manuals
$310.00 UPS delivered to you
Please Email or call kerr@killerbee.jsc.nasa.gov
or
713-474-9569
```

5514. Scanners by mail

Newsgroup: rec.radio.scanner
Date: 1994-06-23 18:33:55 UTC
From: jwierzbicki@melpar.esys.com
Message-ID: <Crv4wJ.37x@melpar.esys.com>
Source record: 272664

Does anyone have Grove's phone number handy? They sell scanners through the mail, right? Could someone e-mail their number?

Thanks in advance,

John L. Wierzbicki
jwierzbicki@melpar.esys.com

5515. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-06-23 18:54:42 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Jun23.105442.4199@cmkrnl>
Source record: 272668

In article <Crq3un.99n@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley) writes:
> Dave Rogers (dave@rsd.dl.nec.com) wrote:
> : In talking to the Icom folks at HAM-COM two weeks ago, they indicated
> : that they were all sold. Icom shipped them all out to dealers several
>
> Are these units available OVERSEAS in their original coverage???
> That is where you should be able to get them... Someone needs to
> inquire of ICOM where they can be bought OUTSIDE of the U.S. and
> post the results here. I would call them myself if I had the
> phone number...

If you were serious about wanting to buy one, you'd find the phone number yourself! Getting the number of the main U.S. office of a large company like ICOM is just not that difficult.

You could start with the fine print in their ads in the ham and monitoring magazines. Or, if you have an electronics reference library nearby, check the Electronic Industry Telephone Directory, or the Thomas Registry, or the EIA Member Directory, or any of half a dozen other sources.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

5516. Re: Opinions on UNIDEN BearTracker BC2

Newsgroup: rec.radio.scanner
Date: 1994-06-23 18:55:38 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Jun23.105538.4200@cmkrnl>
Source record: 272669

In article <mccormac.11.001229EC@mprgate.mpr.ca>, mccormac@mprgate.mpr.ca (Chris K. McCormack) writes:
> Hi all,
>
> I am considering adding a Beartracker to my collection of mobile scanners as I
> plan to do some major driving in Washington, Oregon, California, and Nevada
> this summer.

It won't do much for you in California.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

5517. Re: TAPING Conversations is ILLEGAL

Newsgroup: rec.radio.scanner
Date: 1994-06-23 20:22:09 UTC
From: jeh@cmkrnl.com
Message-ID: <1994Jun23.122209.4201@cmkrnl>
Source record: 272671

In article <Crtn66.67v@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley) writes:
> : EEyup, I agree. Check out Section 605 of the Communications
> : Act of 1934. That is essentially what it said, that you can LISTEN to
> : whatever you want, but you cannot DIVLUGE anything you hear except
> : for broadcast, Amateur and communications related to ships and planes
> : in distress.
>
> I just got back from the Smithonian Institute up in D.C., I was
> looking for a tape recorder from the era of 1934. I could not
> locate such a beast. Please e-mail me if you have a photograph
> of a tape recording device in use at the time this act was created.

The section of the 1934 act under discussion did not mention recording, tape or otherwise, at all. But sound recording technology WAS available at the time, Edison's phonograph being many years earlier. I think there may even have been wire recorders in commercial use by 1934.

In any case the restriction on "divulging" the contents of a radio transmission has been interpreted as applying to all means of subsequent "relaying", whether written, by word of mouth, or by an actual audio recording.

(When did the Germans invent the Magnetophon? (First widely used tape recorder.) I know they were using it early in WW II, but I don't remember when they got started with it...)

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CompuServe: 74140,2055

5518. Re: Anything bad about a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-06-23 20:25:44 UTC
From: veith@cherokee.nsuok.edu
Message-ID: <1994Jun23.202544.20554@cherokee.nsuok.edu>
Source record: 272584
Cross-posted to: alt.radio.scanner,rec.radio.scanner

gah@ccd.harris.com (George A. Hebert(cont)) writes:

>I just bought a Pro-43. I'm not sure it's worth the money.

>Anybody got any negative or positive things to say about it.

>Thanks
>George

I've had my '43 for several months now. I think (and it seems
to be consensus) that it is a very good handheld.

Good Points:
Triple conversion resulting in fewer images.
Military air band coverage.
Key missing 800 mhz ranges can be restored.

Not-So-Good Points:
I have experienced pager images in spite of the triple conversion
circuitry. To be fair, though, my main listening site is only a
proverbial stone's throw from the pager tower. Another irk that
some others have experienced (but not me yet) is an apparent
fragility of the finish. Again, in all fairness, I am SUPER
careful with mine not to let it drop, etc.

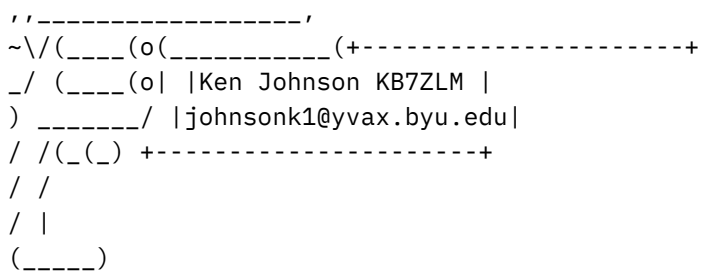
Charles (KG5TV) veith@cherokee.nsuok.edu Tahlequah, OK

5519. Re: Utah Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-23 20:36:37 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994Jun23.133637.8229@yvax.byu.edu>
Source record: 272667

In article <772341781.AA06938@rochgte.fidonet.org>,
David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:
> > From: james_zinn@byu.edu (James Zinn)
> > Organization: Brigham Young University
>
> > I'm in the Salt Lake City-Provo/Orem area and am searching for a good
> > source of freqs. I have picked up a copy of Police Call and Beyond
> > Police
> > Call, however, I'm a little disappointed at their Utah listings
>
> What do you expect? Utah is not generally a very populous state. No
> people = no radios. ^^^^^^^^^
>

We get a few skiers in the winter and a few national park visitors in the
summer, but when is Utah _ever_ populous? ;^)



5520. Re: Who sells Yupi's,anyone in U.S.?

Newsgroup: rec.radio.scanner
Date: 1994-06-23 20:57:22 UTC
From: habu@gate.net
Message-ID: <2ucsvi$idp@tequesta.gate.net>
Source record: 272670

Alan - Crawley (amc@cup.portal.com) wrote:
: I got mine from Scanners Unlimited in San Carlos California. Phone
: 415-573-1624.

Thanks Alan I'll try them.

5521. Houston- NBA Champs!

Newsgroup: rec.radio.scanner
Date: 1994-06-23 21:28:06 UTC
From: john@aio.jsc.nasa.gov
Message-ID: <2ucup6$90t@pendragon.jsc.nasa.gov>
Source record: 272673

Listening to the Houston Police frequencies on the 'ol scanner after the Rockets won the NBA championship was quite interesting. Many reports came through about people shooting off their guns and rifles. Lots of reports of people starting fires, although none of these reports could be substatiated. Also, lots of reports of people just stopping their cars in the middle of the road, getting out, and running around. It was pretty wild in Houston last night.

With all this said, the party crowds were relatively well behaved.

5522. NJ Police Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-23 21:51:20 UTC
From: (unknown)
Message-ID: <1994Jun23.215120.4013@erenj.com>
Source record: 272674

Anyone out there have a listing of the frequencies used by the NJ State Police cars on the interstates in Central NJ? Thanks.

5523. Scanner Database

Newsgroup: rec.radio.scanner
Date: 1994-06-23 22:01:01 UTC
From: steved8419@aol.com
Message-ID: <2ud0mt$llv@search01.news.aol.com>
Source record: 272575

Hi... I am about to start writing a program that will store frequencies and what they are and stuff like that for probably up to 10 different scanners. It will also be able to generate reports based on frequencies, frequency discription, and channel number on the scanner. I am interested in what options you would like this to have. It will be a MS-DOS program written in FoxPro, and if it is a good program then the conversion to Windows will be under way. Please e-mail me on your ideas that you would want. How many channels should I make this program capable of per scanner. Also could someone email me all the information on Grove, phone, address, and if they have a catalog. Thanks.

Steve
SteveD8419@aol.com
Awaiting Call Sign

5524. Re: TAPING Conversations is ILLEGAL

Newsgroup: rec.radio.scanner
Date: 1994-06-23 22:08:53 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.772409333@constellation.ecn.purdue.edu>
Source record: 272577

steven@sgb.oau.org (Steven Bradley) writes:

>Duane P Mantick (wb9omc@constellation.ecn.purdue.edu) wrote:
>: r_egeland@cc.colorado.edu writes:

>: >There seems to be some debate here about whether it is illegal to tape
>: >conversations heard on scanners. Fedral law (c. 1934) specifically prohibits
>: >the media or anyone else from recording any conversation not specifically
>: >intended for the receiving audience (the scanner listener). Any other actions
>: >such as playing back a recording are subsequently illegal.

>: >As an ardent supporter of scanner rights, I favor this law. Listening to
>: >a scanner should be legal - using information from your scanner for your own
>: >benefit should not.

>: EEyup, I agree. Check out Section 605 of the Communications
>: Act of 1934. That is essentially what it said, that you can LISTEN to
>: whatever you want, but you cannot DIVLUGE anything you hear except
>: for broadcast, Amateur and communications related to ships and planes
>: in distress.

>: Kind of makes you wonder why the ECPA (Electronic Communications
>: Piracy Act, IMHO) was even needed, doesn't it?

> Gentleman,

> I just got back from the Smithonian Institute up in D.C., I was
> looking for a tape recorder from the era of 1934. I could not
> locate such a beast. Please e-mail me if you have a photograph
> of a tape recording device in use at the time this act was created.
>
> Thank you... :(

>Steven

Hey Steven, lighten up. I was addressing the original posters
comment " Listening to
>: >a scanner should be legal - using information from your scanner for your own
>: >benefit should not."

Isofar as what that has to do with TAPING, it seems to me that
if you can listen to something legally, you should be able to TAPE
it legally. NOW, what you DO with the tape after the fact is entirely
another story.

Sorry that I had to explain what I thought the connection between
them might be.....

Duane

5525. Re: SCANNER BAN COMING

Newsgroup: rec.radio.scanner
Date: 1994-06-23 22:14:15 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.772409655@constellation.ecn.purdue.edu>
Source record: 272578

johng@ecs.comm.mot.com (John Gilbert) writes:

>> > But some are concerned that scanners capable of decoding digitized
>> >voice communications could soon become common in corner electronic
>> >stores.

>I think that your elected officials are wasting their time and your money
>proposing legislation to block digital scanners.

IMHO, so what else is new? They have already wasted our time and
money creating the ECPA (Electronic Communications Piracy Act, IMHO) and
the silly-ass scanner ban thing. Sheeeit, why not waste some more time
and taxpayers money?

To borrow part of a great .sig I saw earlier today.....

"When buying and selling are controlled by legislation, the first
things to be bought and sold are the legislators." - P.J. O'Rourke

Duane

5526. Pro 2004 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-06-24 00:46:26 UTC
From: nettech@crl.com
Message-ID: <2udad2$f9c@crl.crl.com>
Source record: 272188
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Radio Shack Pro 2004 for sale $150.00 firm. MODIFIED.

Unit is older and works. It does not have the internal speaker.

Handy-Dandy scanner.

e-mail only nettech@crl.com
--
Joseph Stroup

5527. Controlling Pro2006 with a Mac

Newsgroup: rec.radio.scanner
Date: 1994-06-24 00:46:57 UTC
From: Lindy Williams <willi087@maroon.tc.umn.edu>
Message-ID: <CrvMB1.o0@news.cis.umn.edu>
Source record: 272580

Does anyone know of a program that will permit controlling Pro2006 with a Mac. All I have ever seen advertised is for IMB compatible.

5528. Re: Scanner Database

Newsgroup: rec.radio.scanner
Date: 1994-06-24 00:56:46 UTC
From: dwillson@pcwizard.almaden.ibm.com
Message-ID: <2udb0e$mdb@juniper.almaden.ibm.com>
Source record: 272581

In <2ud0mt$llv@search01.news.aol.com>, steved8419@aol.com (SteveD8419) writes:
>Hi... I am about to start writing a program that will store
>frequencies and what they are and stuff like that for probably up to
>10 different scanners. It will also be able to generate reports
>based on frequencies, frequency discription, and channel number on
>the scanner. I am interested in what options you would like this to
>have. It will be a MS-DOS program written in FoxPro, and if it is a
>good program then the conversion to Windows will be under way.
>Please e-mail me on your ideas that you would want. How many
>channels should I make this program capable of per scanner. Also
>could someone email me all the information on Grove, phone, address,
>and if they have a catalog. Thanks.

It's a great Idea, I would make the number of frequencies tracked as unlimited as possible. However as far as the number of scanners and channels why only 10 scanners? If you make a field that is a 16 bit unsigned integer then that allows 65535 scanners, same for the channels. While I don't specifically know FoxPro if it supports rational database operations then you could have a database for the frequencies, and one for each scanner. Each entry in the scanner database would represent a channel. I would reference an entry in the frequency database and display the information from both. This would allow the limit of frequencies, scanners, and channels to be limited only by the amount of disk space you have.

Also MS-DOS is a good practice plateform.... But skip Windows and go right for OS/2!

Dennis

5529. Re: CNN & cellphone scann

Newsgroup: rec.radio.scanner
Date: 1994-06-24 01:11:37 UTC
From: smb@research.att.com
Message-ID: <CrvnBD.EC7@ulysses.homer.att.com>
Source record: 272583

In article <940623043016705@michaelr.com>, mike.martin@michaelr.com (Mike Martin) writes:
> Is this not what the EPCA is supposed to guard against? This sounds
> like wire-tapping to me...If law enforcement suspects that you may be up
> to criminal activity, does that give them the right to bug your phone?
> Does that also give them the right to tap into your cell phone?
>
> Seems to me that the American Double Standard is once again alive and
> well! Not that it ever went away in the first place!

Your facts aren't *all* wrong -- just incomplete...

First of all, you don't mean the ECPA per se. It was (mostly) a set of amendments to the older wiretap act, generally known as Title III of the Omnibus Safe Streets and Crime Control Act of 1968, and formally known as 18 USC 2510 et seq. The main thrust of the ECPA was to extend the protections of the wiretap law to non-voice communications. The older law protected phone calls only. I confess that I don't recall if the wording of that statute would have covered cellular calls or not, though I could look it up if anyone cared enough.

Second -- Title III was passed in response to a 1967 U.S. Supreme Court decision. The Court held that people making phone calls did indeed have an expectation of privacy; as such, the provisions of the Fourth Amendment applied. Thus, the police could not place wiretaps -- unless they had a warrant from a judge.

So -- the wiretap law does not bar police eavesdropping. Rather, it sets the same standard as is required for any other sort of police search: probable cause, as demonstrated to a judge. Much of Title III is not concerned with prohibiting wiretaps, but rather, with setting forth the conditions under which wiretap warrants may be granted. The standards turn out to be pretty high; the cops can only get such warrants for a specific set of serious crimes, and only if they can show that other forms of investigation are likely to fail.

In this case, according to at least one posting to this newsgroup, a warrant was indeed issued. To be sure, there are also provisions for short-term emergency wiretaps, where they have to talk to the judge within 48 hours; I don't think that was needed here. They knew he was in that car for several hours before they found him.

--Steve Bellovin

5530. Re: DSP-12 users/programmers

Newsgroup: rec.radio.scanner
Date: 1994-06-24 01:53:52 UTC
From: fmitch@netcom.com
Message-ID: <fmitchCrvp9s.4tD@netcom.com>
Source record: 272586
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.space,rec.radio.scanner

there is a aea dsp-2232 mailing list... you might want to subscribe to it if
you are interested in dsp modems...

mitch
wa4osr

* * * I collect telegraph equipment (mostly bugs - Vibroplex) * * *

Email: fmitchell@rd.qms.com or, second choice, fmitch@netcom.com
Felton "Mitch" Mitchell, WA4OSR, 11 Midtwon Park, E., Mobile, AL 36606 USA
205-342-7259 home, 205-476-4100 work, 205-476-0465 FAX
co-sysop for W4IAX bbs running fbb ... sysop for WA4OSR DXCluster in Mobile..

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5531. Tucson, AZ Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-24 02:28:03 UTC
From: shaman@indirect.com
Message-ID: <2udgbj$343@herald.indirect.com>
Source record: 272585

Does anyone have the frequencies around for the Tucson police department?

Thanks...

Anne

5532. Re: Texas -> Virginia on 162.475 MHz

Newsgroup: rec.radio.scanner
Date: 1994-06-24 02:55:00 UTC
From: st4j9@jane.uh.edu
Message-ID: <23JUN199421551938@jane.uh.edu>
Source record: 272587
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

In article <2u9oka$9em@nyx10.cs.du.edu>, jnavary@nyx10.cs.du.edu (James Navary) writes...
>Tonight, as a line of severe thunderstorms was approaching
>here in central Virginia, I decided to punch in the Richmond
>NOAA Weather Radio broadcast on 162.475 to get the latest
>watch/warning info. However, I heard nothing but silence.
>
>I opened up the squelch and could hear a faint signal and
>figured that Richmond must be running on emergency power
>with reduced output as they do sometimes during a storm.
>
>Rapidly the signal strength increased and within a few
>seconds it was full-quieting. The announcer was saying
>that we our total rainfall was "eight inches above average".
>I thought that was strange since we're currently in a minor
>drought with the local farmers all in surly moods since
>the crops are drying up.
>
>The signal faded once again but within a minute or so it
>was back up to full quieting. It was then that I heard
>the start of the forecast for "Southeast Texas and the
>Gulf..." and realized that Toto and I were no longer in
>Virginia! It faded again and then - again - back up
>where I heard something about either their location, or
>weather observations coming from, Jefferson County
>Airport.
>
>A quick glance at the atlas shows that Jefferson County
>is, indeed, in SE Texas, encompassing the Port Arthur/
>Beaumont area.
>
>The signal started to come back up and, straining
>through the noise with my ear on top of the ol' PRO-2006
>I came to the moment of truth:
>
> "This is NOAA Weather Radio, WX..."
>
>and, at that "Murphy's Law" moment, Richmond came up
>on frequency with an alert tone (I think I'm deaf
>in my right ear now) and a severe weather warning
>for the area. Go figure....
>
>Now, my plea for help:
>

>Does anyone know which NOAA Wx Radio station I was listening
>to from Jefferson County Airport, Texas? The Galveston/Houston
>area appears to be too far from Jefferson County to be in the
>same listening area -- but I don't know for sure.
>
>Does anyone have the callsign?
>
>And if anyone has a mailing address for this station I'd
>sure appreciate that info as well. I'd love to QSL this
>station as it's the best DX I've heard above 150 MHz.
>
>Any help would be greatly appreciated.
>
>73,
>Jim
>
>--
>***** A closed mouth gathers no feet. *****
>Jim Navary - AA4JN, 914 Conjurers Drive, Colonial Heights, VA 23834
>jnavary@nyx.cs.du.edu OR an533@yfn.ysu.edu

The callsign for the NWR station you DXed is WXK28 and is serviced by the Beaumont NWS office which is soon to be absorbed into the Lake Charles office. The Houston/Galveston area is serviced by two stations; KHB68 162.550 (Galveston) and KGG68 162.400 (Houston). The office for the Houston/ Galveston area is the Houston/Galveston NWS Office located in Dickinson.

Unfortunately, I do not have the address for the Beaumont office, but a telephone directory for Beaumont should have the office listed under "Government- Federal".

Hope this helps!

73's de kb5pgy

5533. Request: Baltimore MD Area Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-24 02:57:07 UTC
From: cjwalt@clark.net
Message-ID: <2udi23$36n@explorer.clark.net>
Source record: 272588

Hello. I am new to the Baltimore area and would greatly appreciate any frequencies for this new area. Please email at the address below.

Thanks!

Gregory V. Harrison
cjwalt@clark.net

5534. Pro 43 carry case (where can I buy one in Ontario?)

Newsgroup: rec.radio.scanner
Date: 1994-06-24 03:51:33 UTC
From: vitamvas@hookup.net
Message-ID: <vitamvas.79.2E0A5845@hookup.net>
Source record: 272589

I am looking for a carry case that has a belt clip on it. It's for a Pro 43.
I live in Ontario.

regards,
Karel

E-mail: vitamvas@hookup.net

5535. Re: Am I ham licensed?

Newsgroup: rec.radio.scanner
Date: 1994-06-24 05:09:17 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun24.050917.22485@hpcvaac.cv.hp.com>
Source record: 272593

Joe_A._Walker@aardvark.bah.rochester.ny.us (Joe A. Walker) writes:
: No you are not liscenced for ham radio. You will need to visit your local VE
: test session to apply for a liscence. However i think wit your liscence you
: could start your own commercial station say a around 89.5 mhz.
: ** Via the Aardvark Burrow BBS - 1-716-383-1372**

Well, yes and no. Anyone can start a station - after they receive an FCC
license for that station. All the Restricted Class license allows you to
do is act as a DJ. You cannot install or maintain the transmitter. Nor are
you allowed to adjust the output power, frequency or modulation level.

Bill

5536. Re: Legal rights to see FCC license?

Newsgroup: rec.radio.scanner
Date: 1994-06-24 05:12:14 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun24.051214.22551@hpcvaac.cv.hp.com>
Source record: 272597

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
: In article <wsmith.13.2E0792AF@huey.csun.edu> wsmith@huey.csun.edu (Wayne Smith) writes:
: > Whoa! As taxpayers, didn't we already pay for the data collection,
: > entry, and validation of license applications? I wouldn't mind paying
: > to *access* the data (the output side of the puzzle). if I didn't
: > have to pay for the *entry* (the input side of the puzzle) as well.
:
: > I believe that we *must* pay for one side of the FCC records puzzle;
: > however, we shouldn't have to pay for both sides.
:
:Unless things have changed, it doesn't cost anything to view the records. I
:used to go to the FCC office in San Francisco and view the microfiche on their
:reader. (that was in the early 80's) Bill, did they change the policy?

Not as far as I know. You do have to pay, if you want a copy of the database,
which is usually supplied on magnetic tape.

Bill

5537. Re: Need freqs for United Airlines

Newsgroup: rec.radio.scanner
Date: 1994-06-24 05:17:01 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun24.051701.22621@hpcvaac.cv.hp.com>
Source record: 272594

dwillson@pcwizard.almaden.ibm.com (Dennis Willson) writes:
: >
: >That only means that the PIC can make more restrictive rules than those
: >imposed by the operator. Thus, if the airline says, "no computers or
: >scanners", then he is breaking the FARs by allowing them.
:
: Not exactly. He may lose is job for allowing them, but he has broken no FARs.
: This peticular section of the FARs is not specific to commercial operations.
: Therefor the operator is the pilot, an airline is a carrier. An airline or
: carriers employee rules or policies are not enforced by the FAA. If the carrier

Your understanding of the term "operator" differs from mine.

: wishes to make more restrictive rules than the called out in the FARs thats
: OK but the FAA will not enforce the additional restrictions.(E.G. If a pilot
: breaks a FAR the FAA may fine, send to jail, suspend or revoke his pilots
: license. If a carrier makes more restrictive rule and the pilot breaks the more
: restrictive rule but not the FAR then the FAA cannot do anything).

The FAA rules specifically prohibit most electronic devices - "unless the
operator has determined that they are not a hazard". If the airline is
the operator, then the pilot WOULD be breaking the FAR by allowing any
device prohibited by the airline.

: Airline rules and policies are not laws:
: FARs are laws.

Actually, FARs are bureaucratic rules/regulations - not laws. Few, if any
of them, were passed by congress.

Bill

5538. Re: Reply to Tim Dobbins

Newsgroup: rec.radio.scanner
Date: 1994-06-24 05:30:09 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun24.053009.22716@hpcvaac.cv.hp.com>
Source record: 272598

steven@sgb.oau.org (Steven Bradley) writes:
:
: Sounds like Grove Enterprises sees some potential sales problems
: ahead with an invasion of imports.. oh well (here, borrow my hanky).
: I'd recommend you start lobbying to get the cellular ban reversed
: since it not "could" but "will" affect your business activity sooner
: or later... I think Opto Electronics helped you out -- as I read a
: rumour you were going to carry the Opto-456 which can override the
: cellular CPU lockout when under computer control.
:
: Thankfully, the FCC has NO jursdiction over the capabilities of
: personal computer software distributed on disk!!!

No, but they could consider that to be "readily capable of modification".
The interpretation is left up to the FCC. As such, they could remove the
certification of the 456, and will - if there is enough noise made about
it. I suggest that Grove and Opto tread very softly here - or we will
lose yet another scanner.

Bill

5539. Re: Has anyone cracked Uniden 9100 900MHz cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-06-24 05:37:07 UTC
From: edginsf@aol.com
Message-ID: <2udre3$s2j@search01.news.aol.com>
Source record: 272590

In article <mballCor8x0.GAs@netcom.com>, mball@netcom.com (Mark Ball) writes:

Both phones say "digital" only Uniden claims "spread spectrum". Any way to tell? What scanners can receive it?

I got the Uniden 9100 and used it next to my Icom R7100 and Grove SDU. The transmissions are most assuredly digital, and are not NFM, but spread out over about a 4 MHz range. I could tell when it was in use, but no way to monitor the audio. I love it, and use mine at work each day.

Edward

5540. Re: Odd Signal and a Question

Newsgroup: rec.radio.scanner
Date: 1994-06-24 06:05:05 UTC
From: edginsf@aol.com
Message-ID: <2udt2h$t0n@search01.news.aol.com>
Source record: 272592

In article <djc.4kui@terapin.com>, djc@terapin.com (Don Coco) writes:

I have been hearing a strange signal here in North
Oakland on 167.700. It is someone beeping touchtones all day.
It is not a ham from what I could gather and it is not on a
repeater but I hear them loud and clear with voices behind the
touchtones.

I belive that would be the FBI.

Edward

5541. Re: St Louis 419.15 MHz Whatiz?

Newsgroup: rec.radio.scanner
Date: 1994-06-24 06:45:03 UTC
From: edginsf@aol.com
Message-ID: <2udvdf$dt@search01.news.aol.com>
Source record: 272596

In article <Jk4wAcF.wbloss@delphi.com>, wbloss@delphi.com writes:

Is this a VA hospital or what is it?

My reference shows this as a VA Hosp freq.

Edward

5542. Re: New Radio Shack mag: Radio!

Newsgroup: rec.radio.scanner
Date: 1994-06-24 07:05:15 UTC
From: lthomas@nyx10.cs.du.edu
Message-ID: <2ue0jb$ja8@nyx10.cs.du.edu>
Source record: 272595

>My local Radio Shack did not have the mag last time I checked. They
>claim that they have to buy a minimum number of copies and don't
>think they can sell all of them. Everyone's complaining about the
>ads-I can't even get a copy to evaluate.

Ah, the infamous "they should give it free" magazine. Where
everyone thinks just because they have their own ads in there it should
be free. It sound like the radio shack you went to is not a company owned
store but a privately owned one. In company owned they are automatically
sent them so try another Radio Shack.

btw. has anyone tried that new dsp sound filter thing they just got in? I
think it's 79.99.

-Layne

5543. Re: Public Perception of Scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-24 08:13:21 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.342.0008393B@ccm.hf.intel.com>
Source record: 272605

In article <CrwIvA.2J5@zcias2.ziff.com> David Harpe <david_harpe@mm.cobb.ziff.com> writes:
>Hey, I know the monitoring restrictions stink. I sent my letters, called
>my congressmen, etc., and it still didn't work. It's frustrating. I'm
>not saying that we should ignore this radical deprivation of rights. But
>at the same time, we need to rethink our attack plan. With the large
>manufacturing lobbies pressing for restrictions, along with the carving
>up of the spectrum for commercial interests, our hobby is going to have a
>hard time staying afloat. We need more support, and that support can
>only be gained by presenting a positive image to those outside the hobby.

>When scanners are outlawed.....

The heart of the problem (looking at it from the other side of the fence) is
that mobile communications (i.e. PDAs, cell phones, palmtop computers, mobile
e-mail etc. etc.) is big business on the horizon. Millions of people want it,
and big companies want to provide it. This causes people (businesses and
politicians) to re think the existing laws on communication privacy. Many of
the new mobile communication technologies will fail if providers can not
guarantee privacy. As scanner enthusiests we say "if the airwaves can pass
through my body, I have a right to know what information they contain" and
"freedom of the airwaves". We will soon be dinosaurs. The demand for new
technology is going to cause the laws to change. Since there will always be
people like us that monitor everything from DC to daylight, companies are
forced to use digital, spread spectrum, encrypted, and trunked communications
to try to provide personal, private, mobile communications for their
customers. The bottom line is: that's what the majority wants (well, at least
the upper-middle class :-)).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5544. Antenna Question

Newsgroup: rec.radio.scanner
Date: 1994-06-24 08:17:54 UTC
From: popllama@u.washington.edu
Message-ID: <2ue4ri$58b@vixen.cso.uiuc.edu>
Source record: 272599
Cross-posted to:
rec.audio,rec.radio.noncomm,rec.audio.misc,rec.audio.tech,rec.radio.amateur.antenna,rec.radio.scanner,rec.radio.broadcasting

I'm writing an article for my station here in Washington. What I want to know is if there is a "better" design for an antenna than the "Sterba Curtain" antenna. What I'm looking for is an antenna that can be built by the average joe/jane that is tuned to a specific frequency that can be used to pick up a station say, thirty or fourty miles away (we're only a 100 watt station, soon to upgrade to a 500 watt transmitter). From what I've read, the best design is this "sterba curtain" design, with the base measurement of 62.5 inches (our frequency is 89.9 FM). But this design may be a bit to large for some people to build.

I'm also curious as to the effect of grounding. That is, where placement of an antenna is adversely affected by its enviorment (i.e. putting your antenna on the outside of your aluminum-sided house!). How could these effects be canceled, and how far should an antenna be away from these "grounded" materials before the signal will come in? How far up should an antenna be from the ground? How far away from your reciever can the antenna be?

A lot of questions I realize. But what the hell, I'm curious! If anyone could direct me towards a good book on the subject I'd like that too.

popllama@stein.u.washington.edu

5545. Re: CNN & cellphone scann

Newsgroup: rec.radio.scanner
Date: 1994-06-24 09:33:46 UTC
From: alf@kaiwan.com
Message-ID: <tGg2kClg1W2M066yn@kaiwan.com>
Source record: 272600

I have not followed the following on news reports etc. But I monitored
police band in So. Cal. Here's what I can add. Please e-mail me if I
did something inappropriate here.

In article <940623043016705@michaelr.com>, Mike Martin wrote:
> Maybe you can clarify this for me...
>
> I recall several different accounts of how the cell phone was
> involved...Probably these differences can be acredited to the ignorance
> of the media when it comes to radio technology. Anyway, at first the
> news people were claiming that the truck OJ was in was found by tracking
^^^^^^^^
At or around 5:20 pm that day I heard this word on the Police radio.
And that was the first time I turned my radio that afternoon.

> the cell phone from cell to cell. Then they said the police actually
> called him and kept up with him that way. Several mentions were made to
> the effect that the cell phone was crucial to the police's ability to
> find OJ.
>
> Please clarify this issue...At the very least you can tell me I have my
> facts all wrong and if that's the case I just shut-up!
>

Don't know if you knew about this. Someone said that the Police had
obtained court paper to have the co-operation of the cell phone company.

--
Alfred Lee
Fountain Valley, CA, U.S.A.
alf@kaiwan.com

5546. Re: Need 2004 parts

Newsgroup: rec.radio.scanner
Date: 1994-06-24 10:19:13 UTC
From: mulligan@ACM.ORG
Message-ID: <2uebv2$4lg@hopper.acm.org>
Source record: 272601

>... a replacement EL701 or GE part GE-85D-6011 ...

The part number is actually GRE's, the Japanese firm that made the radio. GE would appear to indicate a unique GRE specification and 85 the year of the design spec. Based on the number, GE-85D-6067 would seem to be a related part (mounting bracket, wire harness, etc), rather than a replacement ELP.

You might want to try Radio Shack Natl Parts yourself, rather than relying on a salesman to understand exactly what's needed and relaying that to Natl Parts. Call
Tandy National Parts
900 E. Northside Dr.
Fort Worth TX 76102
(800) 442-2425

and give them the catalog nbr of the radio. With the part nbr and the reference (EL701), they will be able to tell you if it's in stock, if there's a replacement part, and the price (probably $10-15). Natl Parts is probably the best organized division in Radio Shack (and how's that for damning with faint praise <g>).
/* barry /&

5547. Re: Anything bad about a Pro-43

Newsgroup: rec.radio.scanner
Date: 1994-06-24 11:01:17 UTC
From: dvss!jtroy@udel.edu
Message-ID: <940624.060117.6C6.rusnews.w165w@dvss.UUCP>
Source record: 272603
Cross-posted to: alt.radio.scanner,rec.radio.scanner

gah@ccd.harris.com (George A. Hebert(cont)) writes:

> I just bought a Pro-43. I'm not sure it's worth the money.

> Anybody got any negative or positive things to say about it.

I've had one for about a year. I think it's great. I've moded mine
so that it picks up the whole 800Mhz range (celluar et al), and that adds
a whole new dimension to it. I also bought a different whip antenna
for it, that helps in certain freq ranges. It's a nice radio, and
a good performing handheld. The only think I wish it did was WFM so
that I could use it as a regular FM radio.

--
Jay Troy
Internet: ...!udel.edu!dvss!jtroy (jtroy@dvss.UUCP)

5548. Cell phone Laws are bogus!!

Newsgroup: rec.radio.scanner
Date: 1994-06-24 11:04:07 UTC
From: devil@netcom.com
Message-ID: <devilCrwEqw.F9D@netcom.com>
Source record: 272602

Yeah, so much for the people controlling the government. The phone companies with all their lobbying power (money) managed to, for the first time, re-write the FCC's long time poilicy in which the airwaves are free to be monitored. Well, I have'nt heard of any case in which these recent laws have been tested (ie: the scanner police break in to your home and start scanning your scan banks) but, if any case arises, I hope that the defense points out one interesting fact about Cell phones...
You can scan cells with your old UHF TV!
Yes it is fact, every American can now listen in to Cell phone conversations to their heart's content. Simply tune to UHF (not cable!) channel 80-83.
All 3 of my TV's can monitor the Cells, and my Misubishi with digital tuning can even pull out a single conversation with the touch of a button. Yeah,sure sometimes it gets kinda hard to isolate 1 conversation with the TV's wide band reception, but if your cells are not too crowded it's no problem.

5549. Re: New RS Scanners?

Newsgroup: rec.radio.scanner
Date: 1994-06-24 11:06:03 UTC
From: steven@sgb.oau.org
Message-ID: <CrwEu5.3Ku@sgb.oau.org>
Source record: 272622

Joe Rao (obieone@eskimo.com) wrote:
: be making to replace the 2006, 2026, 43, etc...
^^^^
No present "replacement" as the unit is not on the discontinued list. Spoke to Radio Shack yesterday. Same $399 price, same availability, no apparent plans to discontinue it. Since mid august is like 6-7 weeks away, normally the employees know ahead of time if something is going to get dropped.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5550. Public Perception of Scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-24 12:33:10 UTC
From: David Harpe <david_harpe@mm.cobb.ziff.com>
Message-ID: <CrwIvA.2J5@zcias2.ziff.com>
Source record: 272604

Since the enactment of the ECPA and the subsequent ban on manufacturing of equipment for cellular monitoring, many megabytes have been written touting the unjustness of this legislation. Unfortunately, many new scanner listeners are getting the impression that if you can't listen to cellular calls, then why bother buying a scanner? Looking at this newsgroup is enough to discourage any newbie from buying a non-modifiable scanner. The popular scanning rags are just as guilty.

As scanner listeners, we need to provide a better image of the hobby. We need to encourage as many individuals as possible to buy scanners and use them. This will accomplish two major goals: 1) Provide us with a larger voice, so that as more goofy legislation is presented, we will have more people who can oppose it. 2) Keep prices down on equipment, and encourage the development/manufacture of new equipment.

Not only do we need to attract new listeners, but we also need to alter the public perception of our hobby. Lets face it, when the public sees something like the 20/20 story on cellphone listening, they get the image of a bunch of perverted radio geeks huddled up around a speaker in a basement somewhere spying on their private conversations. It's hard to generate sympathy and support with that type of image. It's also hard to defend the right to spy on people's phone calls. We all know that it's not about that.

It's hard to explain to a non-technical person the right to monitor communications on the shared public airwaves. The media doesn't do much to help our cause. And it's our own fault for giving them basis for their propaganda (i.e. anonymous submissions of cellular phone call tapes, agreeing to on-camera interviews showing how to monitor things, etc.).

Okay, so what do I suggest we do? Tone down the emphasis on monitoring phone calls. All of us here know it's possible and most know how to do it. By continually stirring up the issue, we provide a bad image for people looking in from the outside. Emphasize the benefits of other forms of monitoring, such as public safety, amateur radio and police monitoring. Encourage new people to purchase scanners. When they ask about cellular, tell them that yeah, cellular monitoring is illegal and hard to do without a modifiable scanner, but that there's a lot more stuff out there to hear. Deny access to the media unless they are doing a story on something positive. Don't do silhouetted interviews in your radio shed, demonstrating how easy it is to listen to phone calls. It doesn't do us any good, they don't usually pay people for that stuff, and you could end up in legal trouble besides.

Hey, I know the monitoring restrictions stink. I sent my letters, called my congressmen, etc., and it still didn't work. It's frustrating. I'm not saying that we should ignore this radical deprivation of rights. But at the same time, we need to rethink our attack plan. With the large manufacturing lobbies pressing for restrictions, along with the carving up of the spectrum for commercial interests, our hobby is going to have a hard time staying afloat. We need more support, and that support can only be gained by presenting a positive image to those outside the hobby.

When scanners are outlawed.....

David Harpe

david_harpe@mm.cobb.ziff.com
daveharpe@aol.com

5551. Re: Unauthorized use of ham radio

Newsgroup: rec.radio.scanner
Date: 1994-06-24 13:08:23 UTC
From: powell@unislc.slc.unisys.com
Message-ID: <1994Jun24.130823.24337@unislc.slc.unisys.com>
Source record: 272528

Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) wrote:
: -=> Quoting John Ross to All <=-

: JR> From: jdross@sdcc13.ucsd.edu (John Ross)
: JR>
: JR>
: JR> the people on the repeater. The hams referred to him as a
: JR> boot-legger a few times, and then one said "He's using a Radio Shack
: JR> hand talkie, and we have the serial number. We know where he lives
: JR> and we'll have the police knocking down his door soon now." A
: JR> little while later, the same ham said, "We've been able to
: JR> triangulate his position, and I'll be making my call about him
: JR> shortly".
: JR> My question is, were they bluffing just to scare the guy off
: JR> of the repeater for the night? Is it possible to get the serial
: JR> number off of the ham rig that someone is transmitting from? I've
: JR> heard about triangulate someone's position before, but is it
: JR> accurate enough for hams to do on their own, like this ham was
: JR> talking about? Any info would be great!

: Hi, John...It would be pretty far-fetched to know the serial number and
: the type of unit he is using to make the offending broadcasts.
: Triangulating someone is not impossible. Matter of fact, about 6 months
: ago, someone had broken into a police frequency in the 470 range. They
: were carrying on and making abusive statements on the radio. An officer,
: who is also a ham, was called in to track them down. They were making
: broadcasts on a handheld radio while driving around in their car. They
: happened to be parked when the ham/officer was able to catch them in the
: act. The suspects were apprehended and charged with improper use of a ham
: radio and making broadcasts on an unauthorized frequency.
: Some hams can afford expensive equipment. It's what they enjoy doing, so
: I would believe that these operators were able to pinpoint his location.

Getting the serial number this way is impossible. If you look
at my tag line, you will see that I am an amateur operator.
One of my hobbies is tracking transmitters. I can tell you
that you do not need multiple people or vehicles to track a
transmitter. I have a directional finding system installed in
my car that allows me to drive right to the transmitting antenna.
I do not need any other trackers to find the antenna, only myself.
If I can hear the signal, in 15 to 20 minutes, tops, I have found
the location. The directional I use was inexpensive, I built it.
Frank
--
|

/_/\ I never met a cat | Frank PoWell
(o.o) I didn't like! | powell@slc.unisys.com
> - < N7KSK __,,,^..^,,,__ |

5552. Re: What was that thing?

Newsgroup: rec.radio.scanner
Date: 1994-06-24 14:06:24 UTC
From: reda@gandalf.rutgers.edu
Message-ID: <Jun.24.10.06.24.1994.4404@gandalf.rutgers.edu>
Source record: 272607

My $.02:

I snagged one too. It's a great idea, but, here are some observations.

I've used it in my car, and noticed that the transmitter drifts around the set frequency. It's set by turning a dial, so its not real precise.

If you use a Pro-43 and keep the priority feature on, you'll hear an annoying buzz-humm-click (choose your favorite) every time it checks channel 1.

Other than that, it delivers much clearer audio (thanks to my car's tuner and speakers).

Another hint: the buzz-hum-click is less pronounced if you turn the bass down.

Enough pennies from heaven....
FRank

--
Frank J. Reda, Assistant Director, Rutgers University Computing Services
reda@gandalf.rutgers.edu

5553. USAir says 'NO' to scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-24 15:33:44 UTC
From: scsavett@acad.ursinus.edu
Message-ID: <009806DD.69F7B440.4734@acad.ursinus.edu>
Source record: 272606

Hello. I have seen posts here before regarding scanners on aircraft. On a recent flight from Philadelphia to Indianapolis, I asked the USAir flight attendent to check with the captain about using my scanner at cruising altitude to listen to fire and EMS broadcasts. He came back and said 'NO'. I was displeased, but understanding. Is this a company-wide thing or just the preference of this USAir pilot?

Thanks. Please post/email replies.
Scott
scsavett@acad.ursinus.edu

5554. Advice Wanted for Beginner Scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-24 15:57:56 UTC
From: jpsmith@umcc.umcc.umich.edu
Message-ID: <2uevq4$p3l@umcc.umcc.umich.edu>
Source record: 272608

Hello, all. I've recently dug an old, 10-channel crystal scanner out of the closet and have had enough fun with it that I'd like to buy something that's a little more versatile! I would like a handheld scanner, and really don't want to spend more than $200...under $150 would be nice. I'm just a beginner, so I figure I can graduate to bigger and better scanners in the future. I'm guessing that most of the basic scanners will cover the freq ranges that I'm most interested in - police, fire, rescue, etc. How about cordless phones? (Aren't they somewhere around 49Mhz?) That may be fun as well....

Any advice would be greatly appreciated. Reply via email is preferred, but I'll try to check back here as well.

Jim
jpsmith@umich.edu

5555. Phoenix Az.

Newsgroup: rec.radio.scanner
Date: 1994-06-24 16:22:42 UTC
From: davion28@netcom.com
Message-ID: <davion28CrwtHu.JBM@netcom.com>
Source record: 272611

Does anyone have the freqs for the Phoenix police, DPS and Sheriff.

5556. Vacaville / Travis freq's

Newsgroup: rec.radio.scanner
Date: 1994-06-24 16:30:56 UTC
From: nstrauss@netmare.corp.sgi.com
Message-ID: <CrwtvM.4ox@odin.corp.sgi.com>
Source record: 272612

Yes, another request for frequencies of interest.

I'm going to be up visiting my folks for a weekend. They live in
Vacaville, CA (if you didn't guess that already), near Travis AFB.

Solano county, also sort of between Fairfield and Davis. By the
Nut Tree. That's how every one from CA knows Vacaville.

Any one know of any good scanning frequencies in the area? I sort
of want to show them what this scanning stuff is all about. Watching
the OJ chase has got them interested...

Big thanks to any one who can help!

--Nick

--

____
\ \ _ ______ |
\ NICHOLAS STRAUSS \ / ___-=O`/|O`/__|
\ Silicon Graphics-Network Operations _______\ / | /)
/ nstrauss@netmare.corp.sgi.com / `/-==__ _/__|/__=-|
/ pilot@leland.stanford.edu / * \ | |
/_____________________________________/ (o)

5557. Seattle killer caught by scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-24 16:40:09 UTC
From: michaeha@soul.tv.tek.com
Message-ID: <2uf299$af0@news.tv.tek.com>
Source record: 272609

There was a story on the news last night about a guy who got caught bragging about killing somebody over his cell phone. They actually reported that someone was listening to it on a scanner and they tape recorded it. They caught the killer but can they actually use information obtained illegally to prosecute him? The story didn't mention anything about it being illegal to listen to cellular calls. What is the penalty for listening to cell phones with a scanner?

Mike

5558. Scanner database

Newsgroup: rec.radio.scanner
Date: 1994-06-24 17:01:02 UTC
From: scott@redstorm.nawc-ad-indy.navy.mil
Message-ID: <199406241700.MAA18449@news.cs.utexas.edu>
Source record: 272610
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I have already written a scanner database program for DOS. Right now I am fine tuning it to add more features and streamline the functions. It allows an unlimited number of frequencies and an unlimited number of scanners (actual number is limited by hard disk space). Each frequency is stored only once in the database and is connected to whichever scanner it is entered into through a separate record which contains the channel number for that scanner. This saves a lot of space in that you do not have duplicate records for the same frequency (although you may enter the same frequency again for a different user).

You can also store other information for each scanner such as your search limit frequencies and description for each search limit (i.e. the PRO-2006 has 10 pairs of search limits). There is also an area for a description of what each frequency bank contains. There is no limit to the number of banks or search limit pairs that can be added for each scanner.

The following are the reports that are generated at this point (I may generalize it later so that the user can define which fields he wants on the report):

1. List of the current frequencies for a given scanner by channel #
2. List of the current frequencies for a given scanner by frequency
3. List all frequencies in the database by group
4. List all frequencies in the database by subgroup
5. List all frequencies in the database by county (or city, or state)
6. List all frequencies in the database by frequency
7. View/print search limit pairs for scanner
8. View/print bank information for scanner

There is also a separate record for notes for each frequency that can be added as desired.

The program is written in C and uses the dB_Vista libraries for the database portion of the program (I HATE dBASE, FOXPRO, etc.). This method gives much less overhead and faster execution.

If anyone wants any more info please e-mail me and I'll put together a more detailed list of features. I'm planning on releasing this as shareware once I have it completed and documented. Right now I have approximately 1100 frequencies in the database and 2 scanners (I use a PRO-2006 and a PRO-34).

| Scott Richardson |
| scott@redstorm.nawc-ad-indy.navy.mil |
| 72237.2420@compuserve.com |

5559. Scanner Mod books, Which ones?

Newsgroup: rec.radio.scanner
Date: 1994-06-24 17:32:46 UTC
From: djh@shell.portal.com
Message-ID: <2uf5bu$quk@news1.svc.portal.com>
Source record: 272613
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Hi, I just bought a Pro-2006 and love it dearly.. I want to get the most out of the unit and would like to start adding lots of nice features to it. I know about the simple Cellular mod, the speed increase mod etc, but I would like to know what else people have done (or can do) to the 2006..

I have heard about some Scanner mod books around (Vol 1 & Vol2), but how much of these books relates to the 2006? (If at all?)

So should I buy one of these books ? If so, which one?

Last Q. I would love to hear from anyone that has the OptoScan 456 interface. Pro's, con's, value etc...

Looking forward to your responses.

Aveagoodn
Darryl

--
Darryl Harvey | Webster Computer Corporation
Email: djh@shell.portal.com | 2109 O'Toole Ave, Suite J
Phone: (408) 954 8054 | San Jose, CA 95131-1338
Fax: (408) 954 1832 | U.S.A.

5560. Re: Need freqs for United Airlines

Newsgroup: rec.radio.scanner
Date: 1994-06-24 17:34:06 UTC
From: reece@eco.twg.com
Message-ID: <2uf5ee$af4@scoop.eco.twg.com>
Source record: 272614

In article <2ua5vl$imt@juniper.almaden.ibm.com>, dwillson@pcwizard.almaden.ibm.com (Dennis Willson) writes:
|>In <1994Jun22.041910.20735@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
|>>: Actually from a LEGAL FAA standpoint the PIC (Pilot in Command) of the aircraft
|>>: has the ultimate responsiblity. United may make rules that are 'condition of
|>>: employment' for that pilot. But if something goes wrong the pilot will be the
|>>: one at fault.
|>>
|>>That only means that the PIC can make more restrictive rules than those
|>>imposed by the operator. Thus, if the airline says, "no computers or
|>>scanners", then he is breaking the FARs by allowing them.
|>
|>Not exactly. He may lose is job for allowing them, but he has broken no FARs.
|>This peticular section of the FARs is not specific to commercial operations.
|>Therefor the operator is the pilot, an airline is a carrier. An airline or
|>carriers employee rules or policies are not enforced by the FAA. If the carrier
|>wishes to make more restrictive rules than the called out in the FARs thats
|>OK but the FAA will not enforce the additional restrictions.(E.G. If a pilot
|>breaks a FAR the FAA may fine, send to jail, suspend or revoke his pilots
|>license. If a carrier makes more restrictive rule and the pilot breaks the more
|>restrictive rule but not the FAR then the FAA cannot do anything).

Sorry, you are wrong.

The FARs clearly state that the PIC of an air carrier flight is NOT the operator. The operator is the holder of the air carrier operating certificate, which would be United Air Lines, not the pilot. The PIC is responsible for compliance with the FARs, thus he or she WOULD be held responsible.

The FARs basically say that with the exception of the items listed in 91.21(b), everything is illegal unless the holder of the operating certificate wants to step out on a limb and permit something else.

If you don't believe me, contact your local Flight Standards District Office (FSDO) and ask them, but please stop making up your own interpretations of the FARs.

5561. Re: Public Perception of Scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-24 18:38:48 UTC
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Message-ID: <1994Jun24.183848.4421@mixcom.mixcom.com>
Source record: 272615

In <CrwIvA.2J5@zcias2.ziff.com> David Harpe <david_harpe@mm.cobb.ziff.com> writes:

>Emphasize the benefits of other
>forms of monitoring, such as public safety, amateur radio and police
>monitoring. Encourage new people to purchase scanners.

I agree with this (and everything else in the original post). Talk up
scanning! Put emphasis on what you can hear legally!

- Weather Radio (yes I know cheap weather radios are available)
- Amateur radio 2-meter band. (Even if your not a ham, there is
a wealth of traffic-related info during the rush hour. Especially
during bad weather. Severe weather nets are VERY COMMON when those
tornados and thunderstorms hit the mid-West!)
- Sheriff/State patrol (also usefull to detect those traffic jams and
know what to avoid).
- UHF/VHF Police/Fire (be informed of crime in your neighborhood, the
media does NOT catch it all)
- GMRS block watches and other activities
- Listen to the security force at the local shopping mall.
- Hear the local news as it happens. You can even catch those TV news
reporters on UHF as they talk back to the studio.
- And a wealth of hobby-related stuff for your kids and you such as
railroad and aircraft monitoring.

If we talked up a CLEAN (as above) rather than DIRTY (the clandestine
monitoring aspect) hobby, we would be MUCH better off. Start doing this
NOW, before it's too late!!

--
/`-_ kevin.jessup@mixcom.com | Vote Libertarian!
{ }/ |
\ / N9SQB, ARRL, Amateur Radio | Call 1-800-682-1776
|__*| N9SQB @ WA9POV.#MKE.WI.USA.NA | for more information.

5562. uniden 'sportcat' 150

Newsgroup: rec.radio.scanner
Date: 1994-06-24 19:42:30 UTC
From: rjw@four-h.purdue.edu
Message-ID: <Crx2qu.B1s@mozo.cc.purdue.edu>
Source record: 272617

anyone have one? comments? cost?
mods?
please email!

5563. Re: Scanner Mod books, Which ones?

Newsgroup: rec.radio.scanner
Date: 1994-06-24 19:54:11 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun24.195411.8540@hpcvaac.cv.hp.com>
Source record: 272616
Cross-posted to: alt.radio.scanner,rec.radio.scanner

djh@shell.portal.com (Darryl Harvey) writes:
:
: Hi, I just bought a Pro-2006 and love it dearly.. I want to get the
: most out of the unit and would like to start adding lots of nice
: features to it. I know about the simple Cellular mod, the speed
: increase mod etc, but I would like to know what else people have done
: (or can do) to the 2006..
:
: I have heard about some Scanner mod books around (Vol 1 & Vol2), but
: how much of these books relates to the 2006? (If at all?)

Most of the material may be applied to the 2006.

: So should I buy one of these books ? If so, which one?

I would recommend getting both. If you must get just one, get Vol 2.

Bill

5564. Re: Seattle killer caught by scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-24 20:07:23 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun24.200723.9027@hpcvaac.cv.hp.com>
Source record: 272618

michaeha@soul.tv.tek.com (Mike Harris) writes:
:
: There was a story on the news last night about a guy who got caught bragging
: about killing somebody over his cell phone. They actually reported that
: someone was listening to it on a scanner and they tape recorded it. They
: caught the killer but can they actually use information obtained illegally
: to prosecute him? The story didn't mention anything about it being illegal
: to listen to cellular calls. What is the penalty for listening to cell phones
: with a scanner?

Certainly. As long as it was a private citizen, and not the police who did
the monitoring and recording illegally.

Of course, the citizen might be tried for the federal offense. I do not
recall the allowed penalty. I suspect it is substantial.

Bill

5565. Re: Cops can't crypto?! REALITY CHECK

Newsgroup: rec.radio.scanner
Date: 1994-06-24 21:11:13 UTC
From: <>
Message-ID: <B0FEDA64@csrnet-bbs.com>
Source record: 272623

NOTE: This message was originally addressed to ALL
and was forwarded to you by DARREN LAVALLEE

Path:
planet!isdnlin.mtsu.edu!darwin.sura.net!howland.reston.ans.net!agate!library
.ucla.edu!psgrain!nntp.cs.ubc.ca!newsxfer.itd.umich.edu!montego!not-for-mail
From: tim@umcc.umcc.umich.edu (Tim Tyler)
Newsgroups: rec.radio.scanner,alt.law-enforcement
Subject: Re: Cops can't crypto?! REALITY CHECK
Message-ID: <2q202q$klg@umcc.umcc.umich.edu>
Date: 2 May 1994 00:37:46 -0400
References: <2pf14d$l0r@umcc.umcc.umich.edu> <2pl4kn$7tf@sagan.nps.navy.mil>
<2pmtacINN7d0@charnel.ecst.csuchico.edu> <nagleCp0Cpq.Lvu@netcom.com>
Organization: UMCC, Ann Arbor, MI, USA
Lines: 30
NNTP-Posting-Host: umcc.umcc.umich.edu

In article <nagleCp0Cpq.Lvu@netcom.com>, John Nagle <nagle@netcom.com>
wrote:
>nomad@ecst.csuchico.edu (Michael Larish) writes:
>
> Actually, I suspect that the main reason most departments don't
>encrypt is that 1) the equipment is expensive and 2) key management
>for a big group of radio users is a pain.
>
> Key management is a big issue. If somebody loses a handheld, do
>you re-key every radio in the system? Even routine key updates are a
>headache. Does everybody have the same key, or are there communities of
>interest? The military has struggled with this problem for decades, and
>it's messy. Public-key doesn't work for broadcast systems.

OTAR -- Over The Air Rekeying. Selective Disable --
automatically disabling a radio, 'zeroizing' the crypto key & in some
cases, frequency info.

Cipher key management problems have been reduced greatly over the
years,
thanks to OTAR & field deployment of (cipher) key variable loaders.

> John Nagle

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735

Ypsilanti MI "I'm just an innocent little frog, trying to
48197 hop my way across the Information Superhighway"
###
The Collosus Soo Resource Network - CSRNet - Gated InterNet Newsgroups
40,000 + Files Online - 6 Lines - 1-705-942-5370 (16.8 USR DS)
File Request CSRNET or FILES from 1:222/21 or 11:11/0
###

5566. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-06-25 02:05:59 UTC
From: steven@sgb.oau.org
Message-ID: <CrxKI1.7qn@sgb.oau.org>
Source record: 272551

Jamie Hanrahan, Kernel Mode Systems (jeh@cmkrnl.com) wrote:
: In article <Crq3un.99n@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley) writes:
: > Dave Rogers (dave@rsd.dl.nec.com) wrote:
: > : In talking to the Icom folks at HAM-COM two weeks ago, they indicated
: > : that they were all sold. Icom shipped them all out to dealers several
: >
: > Are these units available OVERSEAS in their original coverage???
: > That is where you should be able to get them... Someone needs to
: > inquire of ICOM where they can be bought OUTSIDE of the U.S. and
: > post the results here. I would call them myself if I had the
: > phone number...

: If you were serious about wanting to buy one, you'd find the phone number
: yourself! Getting the number of the main U.S. office of a large company like
: ICOM is just not that difficult.

: You could start with the fine print in their ads in the ham and monitoring
: magazines. Or, if you have an electronics reference library nearby, check the
: Electronic Industry Telephone Directory, or the Thomas Registry, or the EIA
: Member Directory, or any of half a dozen other sources.

I was referencing the fact that if the number was readily available,
or referenced here, I'd call them. I was *not* the person who was
doing the asking. I was the person commenting on the options. I am
always willing to research the options, if someone else gives me the
basic data -- ie phone number in this case. After that, I'd call
and report back any useful findings. But, since I have no personal
need for such a unit, I have no need to go searching for the phone
number.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5567. OJ Manhunt Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-06-25 02:10:25 UTC
From: dabasap@netcom.com
Message-ID: <dabasapCrxKpD.6zv@netcom.com>
Source record: 272619

i first heard the pursuit on 154.905, which is the CHP Extender frequency
(i guess that means there was a CHP cruiser within say a mile of my location)

when the cruiser headed towards the pursuit a few minutes later, the signal got
weaker and i continued scanning & came across the pursuit on OC RED 460.025 Rptr
i was amazed that the Station 18 units were able to reach the Orange County
repeater sites from LAX . . . maybe they have powerful transmitters in the
trunk of the Sheriff's unit. all the more reason why 460.025 makes a great
clemars frequency! even LASO helicipters were communicating w/ CONTROL ONE
on RED.

greg griffin
dabasap@netcom.com

5568. Re: DSP-12 users/programmers

Newsgroup: rec.radio.scanner
Date: 1994-06-25 02:32:49 UTC
From: chris@zl2tpo.actrix.gen.nz
Message-ID: <66@zl2tpo.actrix.gen.nz>
Source record: 272620
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.space,rec.radio.scanner

In article <1994Jun23.024005.14683@penny.cs.fredonia.edu>, John Hansen (hansen@jane.cs.fredonia.edu) writes:
>You may or may not know that LL Grace has a developer's kit for sale for
>$25. I know Brooks has been puzzled as to why there has not been more
>development activity.
The developers kit was more expensive when I purchased it. Also, it doesn't include any modems (except for a test one I think). The only sample code is the V40 code, not DSP code.

Chris ZL2TPO

5569. Re: Question

Newsgroup: rec.radio.scanner
Date: 1994-06-25 04:19:52 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9406242113.AA151790@f217.n202.z1.fidonet.org>
Source record: 272624

DB> (sorry, I cant find it :>( ) And a voice answered the call with
a
DB> response like " I know who you are _insert your pho # here_. "
DB> This was followed by a pitch for a product I cant remember.
DB>
DB> It may or may not be legal in Ca, but ITS HERE :-(

First, did you try entering any OTHER number beside the one you were
really using? I suspect ANY number would get the same sales pitch.
Second, no residential or normal business phone in Ca. can receive the
Caller-ID code, it just is NOT transmitted. 800, 900, 976, and other
'special' lines, do get them, however.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

5570. Re: USAir says 'NO' to scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-25 04:22:43 UTC
From: domonkos@access.digex.net
Message-ID: <b5w2kiubGwbH067yn@access.digex.net>
Source record: 272525

In article <009806DD.69F7B440.4734@acad.ursinus.edu>,
scsavett@acad.ursinus.edu (Scott C. Savett) wrote:
> Hello. I have seen posts here before regarding scanners on aircraft. On
> a recent flight from Philadelphia to Indianapolis, I asked the USAir flight
> attendent to check with the captain about using my scanner at cruising
> altitude to listen to fire and EMS broadcasts. He came back and said 'NO'.
> I was displeased, but understanding. Is this a company-wide thing or just
> the preference of this USAir pilot?
>
> Thanks. Please post/email replies.
> Scott

Scott,

The scanner can actually interfere w/navigation and comm systems on board.
All receivers have low power oscillators that cover a wide frequency range
and the pilot didn't want your scanner 'sweeping' the critical frequencies.

Andy

5571. Freeks in SD & Montana

Newsgroup: rec.radio.scanner
Date: 1994-06-25 05:00:41 UTC
From: nds@world.std.com
Message-ID: <CrxsL6.M0D@world.std.com>
Source record: 272526

I'm driving through South Dakota and Montana on I-90 and thereabouts, and
I'm listening to...what? Anybody got a list of useful frequencies in SD
and Monatana?

neal sacon >>> nds@world.std.com

5572. Re: Question

Newsgroup: rec.radio.scanner
Date: 1994-06-25 05:06:57 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun25.050657.19334@hpcvaac.cv.hp.com>
Source record: 272530

Bud_Jamison@f1010.n202.z1.fidonet.org writes:
:
: Second, no residential or normal business phone in Ca. can receive the
: Caller-ID code, it just is NOT transmitted. 800, 900, 976, and other
: 'special' lines, do get them, however.

The 800 numbers do not get CID. They receive the number by a different
route. I don't know about the 9xx numbers.

Bill

5573. Re: New RS Scanners?

Newsgroup: rec.radio.scanner
Date: 1994-06-25 05:10:07 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun25.051007.19400@hpcvaac.cv.hp.com>
Source record: 272531

steven@sgb.oau.org (Steven Bradley) writes:
: : be making to replace the 2006, 2026, 43, etc...
: ^^^^
: No present "replacement" as the unit is not on the discontinued list. Spoke
: to Radio Shack yesterday. Same $399 price, same availability, no apparent
: plans to discontinue it. Since mid august is like 6-7 weeks away, normally
: the employees know ahead of time if something is going to get dropped.

Maybe someone at RS used their heads, about a year ago, and stocked the company up on a few tens of thousands of the 2006. T'would be nice if they did.

Bill

5574. helping buy a scanner....

Newsgroup: rec.radio.scanner
Date: 1994-06-25 05:19:35 UTC
From: gbagnell@uxa.ecn.bgu.edu
Message-ID: <2ugep7$m93@uxa.ecn.bgu.edu>
Source record: 272527

I'm in the market to buy a new scanner. I want to pay under $200.00 and
I want something that will cover around 25-1.2 or 1.3.......Any ideas on
what I should get? Did I mention it must be modifiable for the better
freqs.....

Please respond to email since I don't always have news access.

Thanks,

Brent
gbagnell@uxa.ecn.bgu.edu

5575. Re: Pioneer Data

Newsgroup: rec.radio.scanner
Date: 1994-06-25 06:57:52 UTC
From: coyote@clt.fx.net
Message-ID: <2ugkhg$ffv@clt.fx.net>
Source record: 272529

SIT ANDREW (sita@ecf.toronto.edu) wrote:
: Has anyone had any dealings with a company in Oregon called Pioneer
: Data? I'm considering a purchase from them and would appreciate any feedback
: anyone has to offer.

: Thanks!

About a month a go I ordered a PRO 43 ($269) from them. I put it on the Visa card, and it arrived here in S.C. about a week later via UPS with no problems. They also included a set of cell mod instructions with it. They seem to have a little bit lower prices on the PRO 43 than US Radio and Marymac. Si B.

5576. Re: Pro 43 carry case (where can I buy one in Ontario?)

Newsgroup: rec.radio.scanner
Date: 1994-06-25 08:26:36 UTC
From: ezager@ctdws59.NoSubdomain.NoDomain
Message-ID: <2ugpns$cb1@inews.intel.com>
Source record: 272532

I am looking for one also, as well as anything else that might be
useful with a PRO-43. Please post replys and addresses.

5577. Re: Pro 43 carry case (where can I buy one in Ontario?)

Newsgroup: rec.radio.scanner
Date: 1994-06-25 11:43:33 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <772544613snz@javiaton.demon.co.uk>
Source record: 272533

In article <vitamvas.79.2E0A5845@hookup.net>
vitamvas@hookup.net "Karel Vitamvas" writes:

> I am looking for a carry case that has a belt clip on it. It's for a Pro 43.
> I live in Ontario.
>
>
> regards,
> Karel

Don't know aboout Ontario or about the belt clip but the only two places
I have heard mentioned are Howard Bornsteins Company Design EQ who produce a
leather case, I'm not sure on the price but you might want to
check with him on CompuServe 76174,637 and I think he still has
an ad in th back of MT. I have heard other people mention "Pouch"
case available from somewhere.

--
Cheers, I'll have a Taylors Landlord please.....
JC
/---\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
\---/

5578. Re: Seattle killer caught by scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-25 13:08:40 UTC
From: smb@research.att.com
Message-ID: <CryF6H.9Is@ulysses.homer.att.com>
Source record: 272534

In article <1994Jun24.200723.9027@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
> michaeha@soul.tv.tek.com (Mike Harris) writes:
> : They actually reported that
> : someone was listening to it on a scanner and they tape recorded it. They
> : caught the killer but can they actually use information obtained illegally
> : to prosecute him?
>
> Certainly. As long as it was a private citizen, and not the police who did
> the monitoring and recording illegally.

In fact, that isn't clear. Here's the wording of the relevant law, from Title 18 of the U.S. Code:

{ 2515. Prohibition of use as evidence of intercepted wire, oral, or electronic communications

Whenever any wire, oral, or electronic communications has been intercepted, no part of the contents of such communication and no evidence derived therefrom may be received in evidence in any trial, hearing, or other proceeding in or before any court, grand jury, department, officer, agency, regulatory body, legislative committee, or other authority of the United States, a State, or a political subdivision thereof if the disclosure of that information would be in violation of this chapter.

Not that it does not say that the illegal interception must be done by a police officer for the evidence to be barred! I seem to recall reading some law review articles stressing this point; I may have the pointers lying around.

5579. Re: USAir says 'NO' to scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-25 13:57:01 UTC
From: copeland@metronet.com
Message-ID: <CryHF1.29E@metronet.com>
Source record: 272535

In article <b5w2kiubGwbH067yn@access.digex.net>,
Andy Domonkos <domonkos@access.digex.net> wrote:
>In article <009806DD.69F7B440.4734@acad.ursinus.edu>,
>scsavett@acad.ursinus.edu (Scott C. Savett) wrote:
>> Hello. I have seen posts here before regarding scanners on aircraft. On
>> a recent flight from Philadelphia to Indianapolis, I asked the USAir flight
>> attendent to check with the captain about using my scanner at cruising
>> altitude to listen to fire and EMS broadcasts. He came back and said 'NO'.
>> I was displeased, but understanding. Is this a company-wide thing or just
>> the preference of this USAir pilot?
>>
>
>The scanner can actually interfere w/navigation and comm systems on board.
>All receivers have low power oscillators that cover a wide frequency range
>and the pilot didn't want your scanner 'sweeping' the critical frequencies.
>

My PRO-43 triggers my cars radar detector (in hi-way mode only),
but only when scanning a certain area (~800mhz).

--

| copeland@metronet.com |

5580. Re: Advice Wanted for Beginner Scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-25 16:14:11 UTC
From: j4dice@aol.com
Message-ID: <2uhl4j$bjq@search01.news.aol.com>
Source record: 272539

In article <2uevq4$p3l@umcc.umcc.umich.edu>,
jpsmith@umcc.umcc.umich.edu (Jim Smith) writes:

>Hello, all. I've recently dug an old, 10-channel crystal scanner
out of
>the closet and have had enough fun with it that I'd like to buy
something
>that's a little more versatile! I would like a handheld scanner,
and
>really don't want to spend more than $200...under $150 would be
nice.
>I'm just a beginner, so I figure I can graduate to bigger and better

>scanners in the future. I'm guessing that most of the basic
scanners
>will cover the freq ranges that I'm most interested in - police,
fire,
>rescue, etc. How about cordless phones? (Aren't they somewhere
around
>49Mhz?) That may be fun as well....

Try your local Radio Shack(s). They may still have some of the
Pro-46 (Handheld - 100 channels VHF-Lo/Hi,UHF,800) around at a good
price. I have one as a second scanner and am more or less happy with
it. It'll pick up all the things you mention.

Jim Fordyce
jim4dice@aol.com
Coram, NY

5581. Re: Antenna Frustration...

Newsgroup: rec.radio.scanner
Date: 1994-06-25 17:07:06 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-250694091036@m12112.esl.com>
Source record: 272495

In article <2u9flu$kkb@nntpd.lkg.dec.com>, judice@sulaco.enet.dec.com ()
wrote:

> First of all.... $*#*#*#*@!!!!!
>
> Now that I've calmed down... I recently installed a Grove Scantenna
> on the highest point on my house, with 50' of RG6 (Grove recommended)
> lead in wire to a RS 2026 scanner. I live in western Jersey in the
> middle of three NWS transmitters - Allentown, New York and Philadelphia.
> I now receive Philadelphia very well, New York moderately well and
> Allentown poorly. My location is on the side of a mountain, so it's
> not unexpected that reception OVER the mountain would be poor.
>
> BUT... Last night I connected my $15 Radio Shack "Ground Wave" base
> antenna to the scanner with 3 feet of (RG9 - I think, thick coax with
> PL259 connectors on both ends), held it in the middle of my living room
> and got NY, Phil and Allentown perfectly.
>
> Is my problem:
>
> - losses on the 50' of RG6?
> - directional problems (the Scantenna is mounted on the
> chimney, off of a metal mounting mast)?
> - The Scantenna itself? (I followed directions putting it
> together)
>
>
> Thanks!
>
> Signed,
> Frustrated in New Jersey,
> judice@sulaco.enet.dec.com

Dear Frustrated

The difference between getting a signal poorly and getting it perfectly
can be only a matter of a few dB. A 10dB signal-to-noise-ratio (SNR)
is considered the minimum for an intelligible signal. The signal will
sound very weak and you will hear a LOT of static. However a 20dB SNR
will give you a very clear signal with only a little static and a
30dB SNR will give you a clear signal with no static. The most likely
cause of your problem is multipath distortion, caused by many different
phases of the signal hitting your antenna at slightly different phase
angles. This can cause some wave fronts to cancel out others and create

nulls on your antenna when placed in certain locations in/on the house. You have probably experienced this on your FM stereo as you move the antenna around. The mountain close to your house creates shadows in the signal and prevents you from getting a signal directly from the transmitter by masking the line-of-sight path. Your signal path MUST come from reflections and/or from beam spreading thus leaving you vulnerable to multipath distortion. I'll bet that if you walk around your living room with the "Ground Wave" antenna you will find many places where you can't receive the signals in question.

Good listening
MAD

The opinions expressed here are | Covering 100KHz to 2GHz contigous.
my own but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

5582. Pittsburgh freqs?

Newsgroup: rec.radio.scanner
Date: 1994-06-25 18:05:34 UTC
From: nelsoncb+@pitt.edu
Message-ID: <2uhrle$9us@usenet.srv.cis.pitt.edu>
Source record: 272536

I am looking for Pittsbught police freqs and U of Pitt campus police
freqs. Local state police and lcb freqs would be nice too...

--
---
nelsoncb+@pitt.edu
Sanity is overrated
Finger me for my pgp public key...

5583. Public Perception of Scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-25 18:07:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <772585851.AA07231@rochgte.fidonet.org>
Source record: 272552

> From: David Harpe <david_harpe@mm.cobb.ziff.com>
> Organization: The Cobb Group

> As scanner listeners, we need to provide a better image of the hobby.

I very much enjoyed your posting and could not have phrased it better
myself. I have forwarded the article into the Fidonet SCANRADIO echo.

5584. Re: USAir says 'NO' to scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-25 18:28:06 UTC
From: ericd@pacifier.rain.com
Message-ID: <Crytyx.4vy@pacifier.rain.com>
Source record: 272544

Scott C. Savett (scsavett@acad.ursinus.edu) wrote:
--> Hello. I have seen posts here before regarding scanners on aircraft. On
--> a recent flight from Philadelphia to Indianapolis, I asked the USAir flight
--> attendent to check with the captain about using my scanner at cruising
--> altitude to listen to fire and EMS broadcasts. He came back and said 'NO'.
--> I was displeased, but understanding. Is this a company-wide thing or just
--> the preference of this USAir pilot?

To just kind of piggy-back with this, I recently (i.e. last week) flew
via DELTA to Las Vegas and back. Durring the pre-flight breafing, the
flight attendants told us a list of the "approved" P.E.D.'s (Personal
Electronic Devices) with in the SKY magazine (put in the Liturature
pocket in front of us). On the list of devices that could be used
durring level flight (i.e. NOT durring taxi, approach, take off, or
initial climb) was VHF scanners. I pulled mine out (PRO-46) and asked
the flight attendant to ask the captain what frequency the flight was on
so I could listen in. (I was thinking that by being on the target for the
air Traffic Controlers, I would be able to hear what was going on...not
the case, but another story.) The flight attendant came back and said
"They are on 128.55, but you can't use that on this flight," and the
reasoning behind it was that it had a VOR in it. (I know that VOR stands
for VHF Omni-directional Range finder, but I didn't tell her this). I
told her that VHF scanners were listed as approved equipment for use
durring regular flight, and, in short, that the company and the captain
should be using the same rule book. She checked back with the captain
(telling me something about having to check a log) and then came back
shortly telling me that it was o.k. to use it. Durring the beverage
service (it was a short flight) a second flight attendant came to me,
asking me what I wanted to drink, and said "What is that?" (refereing to
my scanner). I told her, and had to reasure her about 3 times that Yes,
I had checked with the Captain, and YES, it was o.k. to use, and YES, he
knew I had it.

I guess the moral of this story is _check with the captain BEFORE
the plane leaves the ground_.

--
------------------------------+
Eric J. Dahlquist | Vote for Ed Schermerhorn
a.k.a. ericd@pacifier.rain.com | "Tough Choices from a tough name"
| These are my opinions, so NYAH! (-:

5585. Re: Seattle killer caught by scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-25 18:30:30 UTC
From: domonkos@access.digex.net
Message-ID: <Yo63kiubG6p8067yn@access.digex.net>
Source record: 272553

In article <CryF6H.9Is@ulysses.homer.att.com>,
smb@research.att.com (Steven Bellovin) wrote:
>
> Whenever any wire, oral, or electronic communications has
> been intercepted, no part of the contents of such communication
> and no evidence derived therefrom may be received in evidence in
> any trial, hearing, or other proceeding in or before any court,
> grand jury, department, officer, agency, regulatory body, legis-
> lative committee, or other authority of the United States, a
> State, or a political subdivision thereof if the disclosure of
> that information would be in violation of this chapter.
>
> Not that it does not say that the illegal interception must be done
> by a police officer for the evidence to be barred! I seem to recall
> reading some law review articles stressing this point; I may have the
> pointers lying around.

There's no saying one can't 'anonymously' deliver a taped recording of
an illegal activity caught on a scanner, the police will take ANY tips
they can get...

Andy

5586. Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-06-25 19:07:27 UTC
From: johnnyrock@delphi.com
Message-ID: <Js9QAvn.johnnyrock@delphi.com>
Source record: 272537

I was told by a RS employee that the 2006 is now the "new" 2006 and
can not be modified. There is no way of knowing if it is a "new" 2006 or
an old one except by manufacture date.

5587. Re: Public Perception of Scanning

Newsgroup: rec.radio.scanner
Date: 1994-06-25 19:16:47 UTC
From: steven@sgb.oau.org
Message-ID: <Cryw81.CA9@sgb.oau.org>
Source record: 272559

David Harpe (david_harpe@mm.cobb.ziff.com) wrote:
: cellular calls, then why bother buying a scanner? Looking at this
: newsgroup is enough to discourage any newbie from buying a non-modifiable
: scanner.

<<<APPLAUSE APPLAUSE>>> ...

Newbies need to buy them from overseas and let the U.S. dealers sit on their non-modifiable heaps of trash! It's only when american business starts hurting that they will realize they either repeal the law or let the U.S. scanner business see a decline in sales.

I was reading the AOR-8000 uses plug in modules, therefore it may be possible to buy the cellular blocked model from EDCO/EBB when released and buy replacement module (contains the CPU etc) for an international version to get the full coverage. This was a good move!

Next, the OPTO-456 will permit cellular monitoring on ANY 2005/6, including any blocked in the CPU (IF they ever make any) as it bypasses the CPU and will permit scanning via serial interface to computer with cellular included. Not being a scanning receiver of four or more channels, more to the affect a third party kit, the FCC can jump in the lake at any attempts to regulate it. I hope to see the 456 made for other scanners, it would totally solve (ie kill) the problems of cellular lockout on base units as long as you have a computer nearby. I guess the stupid FCC had overlooked this situation -- not that they could have done anything to prevent it.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5588. Re: Has anyone cracked Uniden 9100 900MHz cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-06-25 19:18:18 UTC
From: steven@sgb.oau.org
Message-ID: <CrywAJ.CB3@sgb.oau.org>
Source record: 272558

Ed G in SF (edginsf@aol.com) wrote:
: In article <mballCor8x0.GAs@netcom.com>, mball@netcom.com (Mark Ball)
: writes:

: Both phones say "digital" only Uniden claims "spread spectrum". Any
: way to tell? What scanners can receive it?

: I got the Uniden 9100 and used it next to my Icom R7100 and Grove
: SDU. The transmissions are most assuredly digital, and are not NFM,
: but spread out over about a 4 MHz range. I could tell when it was in
: use, but no way to monitor the audio. I love it, and use mine at
: work each day.

: Edward

Sounds like an acceptable cordless for me... What is the price range
on this beast? How long does a charge last? How about range?

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5589. motorola scrambled phone

Newsgroup: rec.radio.scanner
Date: 1994-06-25 19:18:49 UTC
From: ritchie@cs.uwp.edu
Message-ID: <2uhvup$3f0@cs.uwp.edu>
Source record: 272541

What do you scanner guys do about the Motorola scrambled phone? Is it possible to get something that allows listening?

5590. test please ignore

Newsgroup: rec.radio.scanner
Date: 1994-06-25 19:32:49 UTC
From: frankjm@sd2.af.mil
Message-ID: <1994Jun25.193249.10140@afit.af.mil>
Source record: 272542

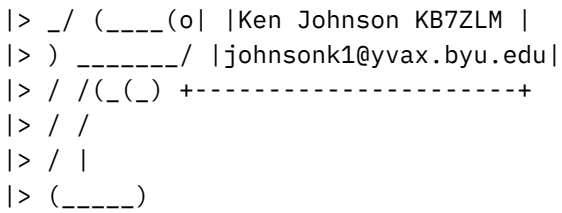
just wanted to see if this would work.

5591. Re: What was that thing?

Newsgroup: rec.radio.scanner
Date: 1994-06-25 19:37:00 UTC
From: frankjm@sd2.af.mil
Message-ID: <1994Jun25.193700.10242@afit.af.mil>
Source record: 272543

In article <1994Jun25.124857.8257@yvax.byu.edu>, johnsonk1@yvax.byu.edu writes:
|> In article <Jun.24.10.06.24.1994.4404@gandalf.rutgers.edu>, reda@gandalf.rutgers.edu (Frank J. Reda) writes:
|> > My $.02:
|> >
|> > I snagged one too. It's a great idea, but, here are some observations.
|> >
|> > I've used it in my car, and noticed that the transmitter drifts around the set frequency. It's set by turning a dial, so its not real precise.
|>
|> I haven't noticed any drift with mine.
|>
|> > If you use a Pro-43 and keep the priority feature on, you'll hear an annoying buzz-humm-click (choose your favorite) every time it checks channel 1.
|> >
|> > Other than that, it delivers much clearer audio (thanks to my car's tuner and speakers).
|> >
|> > Another hint: the buzz-hum-click is less pronounced if you turn the bass down.
|> >
|> > Enough pennies from heaven....
|> > FRank
|> >
|> > --
|> > Frank J. Reda, Assistant Director, Rutgers University Computing Services
|> > reda@gandalf.rutgers.edu
|>
|> I really like this Silent Play gadget now that I've used it for a couple
|> weeks. I've also used it to transmit the audio from my Pro-2006 so that
|> I can listen on a radio in another room. This can also give the 2006 a
|> great audio boost. I've also used it to copy part of a recording on a
|> microcassette tape to a regular tape when I didn't have a cable. I'm sure
|> there are other interesting uses for this thing. I tried to have it
|> transmit my voice by plugging in one of those little microphones, but I
|> could barely hear myself speak with the radio on full blast. Does anyone
|> out there know why?

could be the mic you were using.
|>
|> Also, am I breaking the law when I retransmit police from my scanner via
|> this Silent Play gadget? What about NOAA weather, military, private air-
|> craft?
|> ,,__________________,
|> ~\/(____(o(___________(+----------------------+


|> _/ (____(o| |Ken Johnson KB7ZLM |
|>) _______/ |johnsonk1@yvax.byu.edu|
|> / /(_(_) +----------------------+
|> / /
|> / |
|> (_____)

5592. PRO 2024 Does anyone have it?

Newsgroup: rec.radio.scanner
Date: 1994-06-25 19:43:41 UTC
From: boejaker@packard.win.net
Message-ID: <29@packard.win.net>
Source record: 272549

I'm a new subscriber to this group. There seem to be many postings about other pro models, but not this one. How come? Is it junk, or what? Any comments or modification ideas are welcome.

boejaker@packard.win.net

5593. Re: What was that thing?

Newsgroup: rec.radio.scanner
Date: 1994-06-25 19:48:57 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994Jun25.124857.8257@yvax.byu.edu>
Source record: 272538

In article <Jun.24.10.06.24.1994.4404@gandalf.rutgers.edu>, reda@gandalf.rutgers.edu (Frank J. Reda) writes:
> My $.02:
>
> I snagged one too. It's a great idea, but, here are some observations.
>
> I've used it in my car, and noticed that the transmitter drifts around the set frequency. It's set by turning a dial, so its not real precise.

I haven't noticed any drift with mine.

> If you use a Pro-43 and keep the priority feature on, you'll hear an annoying buzz-humm-click (choose your favorite) every time it checks channel 1.
>
> Other than that, it delivers much clearer audio (thanks to my car's tuner and speakers).
>
> Another hint: the buzz-hum-click is less pronounced if you turn the bass down.
>
> Enough pennies from heaven....
> FRank
>
> --
> Frank J. Reda, Assistant Director, Rutgers University Computing Services
> reda@gandalf.rutgers.edu

I really like this Silent Play gadget now that I've used it for a couple weeks. I've also used it to transmit the audio from my Pro-2006 so that I can listen on a radio in another room. This can also give the 2006 a great audio boost. I've also used it to copy part of a recording on a microcassette tape to a regular tape when I didn't have a cable. I'm sure there are other interesting uses for this thing. I tried to have it transmit my voice by plugging in one of those little microphones, but I could barely hear myself speak with the radio on full blast. Does anyone out there know why?

Also, am I breaking the law when I retransmit police from my scanner via this Silent Play gadget? What about NOAA weather, military, private aircraft?

,,_____,
~\/(____(o(__________(+----------------------+
_/ (____(o| |Ken Johnson KB7ZLM |
) _______/ |johnsonk1@yvax.byu.edu|
/ /(_(_) +----------------------+
/ /
/ |

(_____)

5594. Re: <None>

Newsgroup: rec.radio.scanner
Date: 1994-06-25 20:01:05 UTC
From: domonkos@access.digex.net
Message-ID: <AT83kiubGcwN067yn@access.digex.net>
Source record: 272548

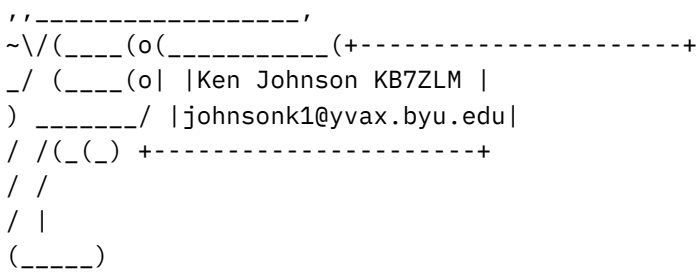
In article <1994Jun25.130136.8258@yvax.byu.edu>, johnsonk1@yvax.byu.edu wrote:
> Does anyone know the address for the cellular company in the Salt Lake
> City area? I'd like to write for a QSL card.
>
> Just kidding!
> ,,__________________,
> ~\/(____(o(___________(+----------------------+
> _/ (____(o| |Ken Johnson KB7ZLM |
>) _______/ |johnsonk1@yvax.byu.edu|
> / /(_(_) +----------------------+
> / /
> / |
> (_____)

5595. <None>

Newsgroup: rec.radio.scanner
Date: 1994-06-25 20:01:36 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994Jun25.130136.8258@yvax.byu.edu>
Source record: 272540

Does anyone know the address for the cellular company in the Salt Lake City area? I'd like to write for a QSL card.

Just kidding!



5596. Wanted : BC 800XLT Mods

Newsgroup: rec.radio.scanner
Date: 1994-06-25 20:28:25 UTC
From: trudeau@cs.uwp.edu
Message-ID: <2ui419$7n4@cs.uwp.edu>
Source record: 272545

[Article crossposted from alt.radio.scanner]
[Author was Nick Trudeau]
[Posted on 24 Jun 1994 23:56:32 -0500]

Hello,
Does anyone know of any modifications for the Bearcat 800XLT(memory
expansion, etc..).
Replies Appreciated
Thanks,
trudeau@.cs.uwp.edu

5597. cell sites

Newsgroup: rec.radio.scanner
Date: 1994-06-25 20:38:50 UTC
From: writer@netcom.com
Message-ID: <writerCrz00r.2tE@netcom.com>
Source record: 272547

```
--
writer@netcom.com
```

5598. Re: Skip

Newsgroup: rec.radio.scanner
Date: 1994-06-25 21:28:44 UTC
From: Augusta Eller <aeller@delphi.com>
Message-ID: <B09TA9k.aeller@delphi.com>
Source record: 272546

On summer nights I used to hear stations in Elyria and Cleveland, OH coming
in on my local Macomb County 460 frequencies here in MI. I also have
icked up Los Angeles, CA in the 37 MZ band in late Fall. My mother's
scanner in Warren, MI really picked up the Los Angeles PD on the 37 MZ
band. It was just like being in the area. I haven't heard this
for several years recently. Is that because the skip in not good or what?
Augusta in MI

5599. Clearing memory on a BC-890XLT

Newsgroup: rec.radio.scanner
Date: 1994-06-25 21:41:33 UTC
From: Bob Armstrong <rla@rahul.net>
Message-ID: <Crz2x9.A5E@rahul.net>
Source record: 272567

Is there a magic sequence to clear all the memories on the BC-890 ?
The usual 2-9-MAN/power-on sequence doesn't seem to work on this radio.

Thanks,

--
Bob Armstrong <rla@rahul.net>

5600. Third party Radio Shack mail order

Newsgroup: rec.radio.scanner
Date: 1994-06-25 22:11:57 UTC
From: bmm1@freenet3.scri.fsu.edu
Message-ID: <2uia3d$c7r@freenet3.scri.fsu.edu>
Source record: 272550

I seem to remember that there are retailers of Radio Shack scanners other than radio shack and that they discount below Radio Shack's list price. Does anybody have an address for any of these suppliers and can they ship oversees?

Bruce.
--
Bruce M. Marshall bmm1@freenet.fsu.edu voice 615 481 0990 fax 615 481 8039

5601. USFS REPEATER Freqs Moved! Where?

Newsgroup: rec.radio.scanner
Date: 1994-06-26 00:16:11 UTC
From: woodman@rain.org
Message-ID: <woodman.772589261@coyote>
Source record: 272554

I used to monitor the US Forest Service repeaters 415.225, .325, .425.
Now it seems, they are using some other method. When I asked at the
local Los Padres main office they treated my request like espionage.
(We've owned land in the Forest since before it was the Forest, 1893)

Now, I know it's weed season and all that. But, where did they go?

--
--- |
Michael Woodill | You can do everything with bayonets
| except sit on them.
woodman@coyote.rain.org | N. Bonaparte

5602. Re: motorola HT's

Newsgroup: rec.radio.scanner
Date: 1994-06-26 02:51:54 UTC
From: mpage@netcom.com
Message-ID: <mpageCrzHAJ.EDt@netcom.com>
Source record: 272555

John Gilbert (johng@ecs.comm.mot.com) wrote:
: In article <mpageCrs6sp.5w7@netcom.com>, mpage@netcom.com (Thomas J.
: Kravitz) wrote:

: > I am looking for either the user manuals or tech manuals (or both) for
: > MOtorola HT600 & MT1000. I would also love to purchase the eans to program
: > both of them. I know it needs a hardware harness which connects to a computer
: > and the software...

: Contact Motorola's parts division. Their number is 800-247-2346.

: You will need:
: cable RTK4205 to connect to either of the radios
: RIB Interface box RLN4008B
: Cable from rib to PC (I forgot the number)
: MT1000 software
: HT600 software

: The cost of this equipment is not low, so be prepared.

: --
: John Gilbert johng@ecs.comm.mot.com KA4JMC
Thanks to both of you for the information. I had found the parts Div and
ordered the books. David, do you have any idean how much the hardware &
software is? Thanks again. Your reply can go to my e-mail mpage@netcom.com
--
==========
Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
MEDIA PAGE
Internet: mpage@netcom.com Breaking Stories to the
CIS: 71674,1610 News Media since 1978
==========

5603. Re: OJ's Cellular

Newsgroup: rec.radio.scanner
Date: 1994-06-26 03:22:01 UTC
From: bug68@aol.com
Message-ID: <2uis8p$jen@search01.news.aol.com>
Source record: 272557

In article <2u9i6q$j5e@delphinium.cig.mot.com>,
rausch@flounder8.Berkeley.EDU (David R Rausch) writes:

|> This idea would work if the cellphone of interest was the only
phone
|> using the frequency at the time. A key advantage of cellular
technology
|> is that one frequency can be used by several users at the same
time. In
|> the LA basin, having more than one user on a frequency is more the
rule
|> than the exception. The cell sites are somewhat directional and
the
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
|> system keeps track of what frequencies are in use (and where) to
prevent
|> intereference.

Maybe I missed it, but did anyone mention searching the repeater
inputs? This would have worked great if you were close to the Bronco.
Just search 823-850, the cars only output 3 watts, would have been
easy to find him. Then add 45 meg to freq and you get both sides.
Would have been rough in the copter, his altitude would cause him to
get lots of car freqs. When they were parked in front of the house,
it would have been a snap, not a t-hunt.

5604. Buying a Used Scanner Radio

Newsgroup: rec.radio.scanner
Date: 1994-06-26 03:39:52 UTC
From: parnass@ihlpf.att.com
Message-ID: <CrzJIG.E9G@nntpa.cb.att.com>
Source record: 272556
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed June 25, 1994 |

BUYING A USED SCANNER RADIO

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

Anybody with enough money can buy a brand new scanner, but you can save lots of money if you get a good deal on a used scanner. Hamfests are probably the best place to find used radios, but you must be familiar with the equipment. Hamfests are repleat with older radios you won't see in today's catalogs.

At last count, there were over 70 scanners and monitor receivers of various brands in my collection. I purchase most of my receivers at hamfests or horsetrade with other radio hobbyists. This article describes a few of the FM receivers in my collection, and is not meant to be complete.

A Used Scanner May be a Broken Scanner

Getting a bargain is not without some risk. I have had sellers look me square in the eye and tell me their radio worked fine -- when it really didn't.

Buying a used portable scanner is riskier than buying a mobile or base model. Portable scanners are subject to more physical abuse and many have been dropped. If a radio has been dropped, the laws of probability dictate that the first point of impact was probably a corner, so be sure to examine each corner for evidence of trauma.

Scanners used in mobile service are subject to vibration, dust, and temperature extremes. This shouldn't dissuade you from buying a used mobile scanner, but be aware of possible complications.

You should have some recourse if the radio you buy turns out to be defective.

If you can't fix the radio yourself, you can pay to have the manufacturer or a service clinic repair it for you. Several people have been pleased with Electronic Repair Center, in Franklin Park, IL, which repairs scanners for a flat fee. Call them at (708)455-5105 to find out their current rates. G & G Communications (telephone 716-768-8151) is another scanner repair company. This family owned company repairs scanners and stocks parts for several older models. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Evolution of the Scanner

It helps to understand some scanner history before shopping for a used scanner. You will likely see radios from many vintages at a hamfest, and should avoid buying early units unless you are a scanner collector.

One of the earliest ancestors to the scanner was the converter. Manufactured by Tompkins (Tuneaverter), Petersen, Bearcat (Lil Tiger), Midland, and others, converters were made to operate in conjunction with AM radios. Then came wide band monitor receivers, in both tunable and crystal control models, like the Radio Shack PRO-2B. Truthfully, converters and tuneable FM receivers are interesting but don't work well by today's standards.

While tuneable receivers were in vogue, solid state technologies supplanted tubes. Better performing, narrow band crystal controlled units, like the Sonar FR-105, followed. These units did not scan, rather channel selection was accomplished using a simple rotary switch. | Sonar even made a 24 channel unit, model FR-2513, in which | crystals were held in a rotary "turret."

The earliest scanners, like the first Bearcat models, did not provide individual channel lockout capability. Other models, like the SBE Sentinel, employed a "Channel 1 Bypass" switch so a user could lockout channel 1.

The first scanners came in single band models, followed by multiband models. As two-way radio users started to populate the 450 - 470 MHz band, consumers were forced to pay a premium for UHF scanner coverage. Some multiband scanners, like the Electra's Bearcat III, required an optional circuit board for each band.

There were scanner mutations, designs which never evolved -- odd combinations of AM broadcast receivers with VHF-FM | receive capability, like the flamboyant turquoise Sonar | Sentry FR-103 portables, Electra's Jolly Roger, and GE's Surveyor series. Lafayette Radio Electronics offered a few CB transceivers with VHF receiver capability. These poor

performers didn't interest consumers of that era and you should avoid these models unless you are a scanner collector.

The first programmable (crystal-less) scanners were difficult to program. Users had to look up frequencies in a code book and tediously program the information into the scanner in binary form. Some models, like the Bearcat BC-101, Radio Shack COMP 100, and Tennelec MCP-1, resembled Altair or PDP-8 computers, with a row of 16 or so toggle switches. Instead of toggle switches, the Regency WHAMO-10 was programmed by breaking teeth from metal combs. The SBE Optiscan (and its Sears clone) required poking a series of holes in plastic cards which were then inserted into a slot on the front panel.

More Modern Scanners

Both Bearcat and Regency, as well as Radio Shack offer some good models. I would avoid the Bearcat 100, and scanners made by AOR, JIL, Fox, Tennelec, and Robyn.

Scanner features often differ not only by model but by manufacturer. For instance, most Radio Shack and Bearcat programmables allow enable/disable of the delay function on a per-channel basis. Older Regency units permit the delay to be enabled/disabled only globally, that is, for all the channels at one time.

Radio Shack scanners contain a reasonable number of features. All the older Radio Shack scanners were made by | General Research Electronics (GRE). Uniden began making | scanner models for Radio Shack in the late 1980s, and now | supplies about half the Radio Shack scanners. The older GRE-made models scan a bit slowly and have a higher level of synthesizer noise. Most have too much hysteresis in the operation of the squelch control, but this can be fixed completely by replacing one resistor. Good, detailed shop manuals are available for Radio Shack units for $5 - $12.

In the name of cost cutting, some models have done away with the concept of a "channel bank", i.e. the ability to select/deselect a group of channels at a time. The bank concept was a good one. It may be inconvenient to operate a 30 channel scanner without banks (e.g. Regency MX3000, HX1000) if you operate the way many scanner hobbyists do.

If you want to buy an American-made scanner, you will have to buy an old model. A few years ago, the Regency and Bearcat scanner lines were purchased by Uniden, a Japanese company, and production was moved to Asia.

My favorite VHF/UHF receivers are the 300 channel Radio Shack PRO-2004, the newer 400 channel PRO-2005 and PRO-2006, and the ICOM R7000 and R7100. The ICOM models are more "communications receiver" than a conventional scanner.

Other favorites include the Bearcat 300 and 760XLT, Regency M400, and the Regency K500 (predates the M400), all of which include a "service search" feature.

For portable use, I prefer the Radio Shack PRO-43 and Uniden/Bearcat 200XLT.

ICOM

R-7000: At about $1000, this was once the top VHF/UHF receiver. 99 channel, multi mode coverage from 25-2000 MHz with a small gap at 1000-1025 MHz. Memory can be expanded to 198 channels by adding simple switch to pin 19 of memory IC8. Tuning knob lets you tune through parts of the spectrum much easier than using the SEARCH mode on conventional scanners. Selectable USB/LSB allows reception of new amplitude compandored sideband (ACSB) stations. S-meter doubles as discriminator meter to aid tuning. Useful search and store feature, reminiscent of the the Bearcat 250, searches between 2 limits and automatically stores new frequencies into channels 80-99. Audio and control interface for tape recorder. Noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Searches and scans slowly but can be sped up to about 12 cps by adding a resistor. Too big for permanent mobile use, but too nice to leave alone in the car. If you don't want to spend $1000, get a Radio Shack PRO-2004/5/6 instead.

R-7100: At about $1300, this is the Cadillac of VHF/UHF receivers. 900 channel, multi mode continuous coverage from 25-2000 MHz. The radio RF/IF/AF portions of the R7100 are similar to the older R7000, but the R7100 is constructed using surface mount parts. Both the R7000 and R7100 are much more immune to intermod than the Uniden/Bearcat 760XLT and the portable PRO-43. The firmware in the R7100 is much more sophisticated. 9 banks of 100 channels. Further, you can associate each channel with 1 of 10 groups. Many possible ways to scan. 10 pairs of search limits. Search and store ("memory write") scan mode lets you store 100 frequencies instead of the 20 in R7000. Another R7100 improvement is that you can program up to 100 channels for the R7100 to skip while searching. R7100 has 2 VFOs ("windows"). Both the R7000 and R7100 scan slowly compared with PRO-2004 and PRO-2006, and that's a drawback. Both the R7100 and R7000 employ a noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Scanning a mixture of VHF and UHF frequencies

serenades the Icom user with a very annoying clickety-clack, clickety-clack!

UNIDEN/Bearcat and Electra/Bearcat

Bearcat III (Electra): 8 channel crystal controlled scanner. Requires optional front-end circuit board for VHF-low, VHF-high, and UHF bands, but only 2 boards can be installed within the radio at the same time. Two crystal filters. No aircraft band coverage nor rescan delay. Front mount speaker sounds good. Strong local oscillator radiation often causes interference with other scanners in the same house.

Bearcat IV (Electra): 8 channel crystal controlled scanner. Newer version of Bearcat III but has better IF filtering and contains front-end circuitry for VHF-low, VHF-high, and UHF bands. No aircraft band coverage. Three crystal filters. Front mount speaker sounds good. No rescan delay.

Bearcat 12 (Electra): One of the last decent crystal controlled scanners. 10 channels. Variable scan speed up to 20 ch/sec. Single delay on/off switch. Front mount speaker sounds good. Manual contains schematic. Selectivity is poorer than programmable models, like the 300, allowing adjacent channel interference. Covers VHF-low, VHF-high, and UHF bands but no aircraft band coverage. Crystal positions must be arranged by band.

BC101 (Electra): First Bearcat synthesized unit. 16 channels, no priority. Frequency programmed in binary by setting toggle switches on front panel after looking up code in code book. No frequency readout. Uses custom IC for CPU, now discontinued, so factory authorized service is no longer available. I have four of these units. DC operation requires optional mobile power supply. *

BC100 (Electra): First programmable portable scanner. Be prepared for at least one repair in the first year. Early units, with threaded antenna connector, have high frequency of repair, particularly LCD readout, keyboard, and battery holder. No battery backup. Poor case design in early units caused battery to disconnect from radio, resetting microprocessor and clearing memories. No priority channel or aircraft band. Some people swear by the BC100, others swear at them.

BC220 (Electra): 20 channels. Reasonable number of features but 20 channels doesn't seem enough. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC20/20 (Electra): A BC220 but with 40 channels. A maximum of 20 channels can be scanned at one time. Reasonable number of features. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC250 (Electra): 50 channel model, rich in features, but | lacks aircraft band and 144-146 MHz. Search and Store feature extremely useful for finding federal frequencies. Clock. High frequency of repair. Power transistors not heat sinked adequately, causing heat damage to surrounding components and circuit board. Failure of Q204 on the feature board known to cause odd display readings. Digital circuitry very sensitive to glitches caused by static and AC line spikes. Avoid 1978 or earlier vintage units. All BC250s use custom ICs (e.g., IC6, a divider chip, mfd. by Exar), which are now discontinued, so factory service is no longer available from Uniden.

BC260 (Electra): Super heavy duty metal cabinetry and lit controls, aimed at mobile use for firemen, police, etc. Few frills, only 16 channels, no aircraft, but generous coverage of federal bands omitted in the older Bearcat scanners. Good sensitivity. Lots of audio. Good internal construction. Backlit keyboard allows operation in the dark, but the keyboards on some units require high pressure to operate. Brightness control for display and keyboard, but multiplexor circuitry for vacuum fluorescent display produces audible whine which may be annoying in a quiet room. Backlighting may fail in some units due to poor contact on connector used to fasten light panel to front circuit board. 9 volt regulator transistor Q28 (TIP29) may fail, causing blank display while leaving audio intact. Method of connecting an external speaker is awkward.

BC300 (Electra): 50 channel top of the line scanner. Service Search feature contains 11 ROM banks of preprogrammed channels. Switching power supply failure noted in early units due to insufficient capacitance - component value was changed in newer units. Schematics show at least 100 components changed between earliest and later units. Preset squelch pot, mounted internally on circuit board, misadjusted in new units - adjustment usually required after burn-in period. Good sensitivity. Built in clock. I leave it on 24 hours a day. This is a favorite.

BC350 (Electra): 50 channels in 5 banks. Includes aircraft. Used to be Bearcat's top of the line, overpriced scanner but never very popular. Dual use keyboard and | display allowed 8 text characters to be associated with each channel, a feature clumsily implemented, and awkward to use. Units plagued with various hardware problems

including bad memory ICs and short life power transformers. Firmware bugs without cures. The BC300 is a much better scanner than the BC350, and at a lower price.

800XLT (Uniden): 40 channels in two banks. Covers 806-912 MHz, as well as of vhf, uhf, and aircraft bands. Receives 10 meter fm and all of 6 meters, as well as federal portions of vhf and uhf bands. Fewer birdies on vhf-lo band than other scanners. Scans and searches very fast. Clean, robust audio output. Extremely sensitive, but very prone to overload by strong signals when connected to outdoor antenna. Too much play (hysteresis) in squelch adjustment - can be improved by changing one resistor. Positive terminal in memory backup battery holder installed backwards in early units, allowing memory loss when scanner unplugged from AC outlet. Tunes in increments of 12.5 KHz on 800 MHz band, whereas cellular telephones are on 30 KHz channels.

BC100XLT (Uniden): Excellent 100 channel portable with 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Generous coverage of conventional bands, including commercial aircraft, but no 800 MHz. Decent leather-like case. Slide-on 550 mAH NiCd battery pack.

BC200XLT (Uniden): Excellent 200 channel version of BC100XLT portable scanner but includes 800 MHz band. 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Decent leather-like case. Slide-on NiCd battery pack.

Regency

TMR series: First generation crystal scanners. Come in all varieties of band coverage. Models with both UHF and VHF bands must use separate antennas for each band (disadvantage in mobile installations, but can be overcome by connecting two front ends via a capacitor). Not sensitive enough to cover the entire 30 - 50 MHz range in a single model. There three versions of VHF-low band coverage depending on the part of the 30 - 50 MHz band covered (LL, LM. and LH). TMR scanners use unsocketed incandescent bulbs for channel indicators which require periodic replacement. Easy to crystal: Radio Shack crystals work well. TMRs usually $2 and up ad hamfests, often in poor condition. Don't pay more than $50, even if mint. Front ends must be tuned for selected portions within the bands for best sensitivity. Wide IF selectivity troublesome in urban/suburban areas. Primitive digital scanning circuitry may become confused at times. but power off/on restores sanity. Replace aging capacitors in the

scanning circuits. You can find a TMR8H eight channel high | band unit most often.

TME series: The base versions of the TMR models. Both the | TME and TMR models share many common circuits but the base | versions contain speakers mounted on the front panel. The | most common TME model is the TME8 H/LM eight channel dual | band scanner in a metal cabinet with wood coloring. |

ACTR series: Replaced the Regency TMR units. By the time | Regency made the ACTR units, they no longer offered | different models for different parts of the 30 - 50 MHz | band. Look for the later ACT series, e.g., ACTR-106 (10 | channel tri band) or ACTR20/6 (20 channel tri band), used | light emitting diodes for channel indicators instead of incandescent bulbs. Available in 1 to 20 channel models - most are multi band receivers. Somewhat wide selectivity. Not all that bad a deal if cheap.

ACTE series: The base versions of the ACTR series. The | ACTE and ACTR circuitry is similar, although the base | versions contain speakers mounted on the front panel. The | most common ACTE model is the ACTE8 H/L eight channel dual | band scanner in a black metal cabinet. |

WHAMO-10: Regency's first synthesized scanner. Appearance | more like a crystal scanner, with a single LED per channel. User has to break off teeth on a metal 'comb' for each channel according to a code book. External frequency control unit DFS-5K optional. UHF VCO reference oscillator drifts on some units. Soldered sheet metal shields around some circuitry make access to some components difficult for servicing. Comb sockets prone to bad connections after moderate use. Not recommended due to maintenance difficulties.

K500: Nice wood-like cabinet. 40 channel model with every | feature Regency could dream of in one scanner, except aircraft band. Idle tone bypass feature for mobile phone stations works about 50% of the time. Weather alert feature. Service Search in several banks. Search and Store facility not implemented as well as BC250, but better than none. Built in clock when radio off or in manual mode. Can be programmed out of band. Reasonable performance, but sensitivity could be better. Spring contacts on membrane keyboard may need soldering after prolonged use.

K100: Bare bones version of the K500. 10 channels, no priority feature. Same wood-like cabinet and reasonable performance as K500. Spring contacts on membrane keyboard may need soldering after prolonged use.

M400: 30 channel replacement for K500. Service Search, but |
no aircraft. Easily programmable out of band. Built in
clock when radio off or in manual mode. Backlit keyboard
good for night viewing and mobile use but generates RFI
into nearby SW receivers. A favorite.

MX3000: 30 channel replacement for M400, but basic features |
only. Nice lit keyboard, but may cause RFI into nearby SW
receivers. Easily programmable out of band, but no
aircraft. All 30 channels are in a single bank, and lack of
direct channel access make this model more difficult to
operate. Good first scanner.

M100: 10 channel unit. Same as MX3000 except different |
color and fewer channels. Nicely lit keyboard, but may
cause RFI into nearby SW receivers.

HX1000: Good, fairly rugged, 30 channel handheld
synthesized unit. Generous out of band coverage but no AM
aircraft coverage. Built by Azden. Very sensitive on UHF,
but annoying audio hiss leaks through speaker when
squelched. Belt clip chintzy, but can be directly replaced
with better clip from Kenwood TR2600A. Like the MX3000, all
30 channels are in a single bank, and lack of direct
channel access make this model more difficult to operate.
Low discount price makes this best choice for programmable
portable.

HX650/H604: 6 channel crystal portable. Likely made by
Sanyo. Same as Fannon and Bearcat Thin Scan units, (except
that Bearcat has 10.8 MHz IF frequency, and is harder to
get crystals for), but scans faster. Small size and common
crystals (available at Radio Shack), make this 1st choice
for bare bones portable scanner.

Radio Shack |

PRO2004: Top of the line, wide band scanner for 1987.
After a diode is cut, enjoy continuous coverage from 25-520
and 760-1300 MHz, AM, NBFM, and WBFM. Has 300 channels in
10 banks of 30, backed up by conventional 9 volt alkaline
battery. Any channel can be designated the priority
channel. Scans and searches fast. Lots of well designed
features, like 10 pairs of search limits, Lockout Review,
default search increment and emission mode. Sound Squelch
allows skipping dead carriers during search or scan. Metal
cabinet, good internal construction and shielding, but no
mobile mounting bracket or DC power cord. Soft touch
membrane keyboard. Good sensitivity and selectivity. Very
good radio.

PRO2005: Radio Shack's top of the line scanner for 1989 and
scanner of choice. Essentially a size reduced PRO-2004

with surface mount components and 400 channels. Some people think the small knobs, smaller display, and plastic cabinet are a setback from the 2004. The smaller size, real rubber keyboard, and vertical front panel make it easer to use mobile, although there is no mobile mounting bracket available and the keyboard is not backlit. More sensitive than the PRO-2004 but 800 MHz signals leak through into the commercial aero band. Highly recommended.

PRO2006: Radio Shack's 1994 top of the line scanner. Essentially the same as PRO-2005 but scans faster. Probably the best scanner made to date. Highly recommended.

PRO34: Portable scanner with 200 channels and 800 MHz coverage. Ten "monitor" channels. Operates from AA cells. Slow scanning, low audio output, and chintzy plastic case detract from an otherwise good performance. No decent leather case available from Radio Shack. If you need a portable with 800 MHz, get a Bearcat 200XLT. If you can't get a 200XLT, get a PRO-34.

PRO2021: Base/mobile scanner. 200 channels in 10 banks, LCD display and raised rubber keys. Lots of memory but scans too slowly and lacks 800 MHz. Ten "monitor" channels. Radio Shack seemed to have an overstock of 2021s as they were on sale for such a long time. Close out price dipped to about $200, which made it a nice scanner for beginners.

PRO2001: Early, single bank 16 channel programmable. | Reasonable coverage of the 3 traditional bands, minus aircraft band. LED digital display as well as an LED per channel. Mechanical lockout switch for each channel. Delay is either on or off for all channels at a time. High synthesizer noise level. Troublesome plated through holes on digital board in some units renders radio virtually unfixable. Could never get mine to work more than a few days in a row; always another bad connection. Some owners have no trouble.

PRO52: 8 channel VHF-Lo/Hi base unit. No UHF band or | provision for mobile operation. Good little scanner despite limited frequency coverage and Spartan lack of frills. Crisp squelch action and good audio, helped by a | front mounted, vertical speaker.

PRO2003: Radio Shack's 1986 top of line. 50 channels + 10 FM commercial broadcast band channels. Includes aircraft. Good frequency coverage and functionality, but at a high price. Poor human engineering: difficult to read keyboard makes the PRO2003 hard to operate unless in a well lit

room. Keyboard label coloring improved on newer units. Rather slow scan rate and high price. Although there are provisions for 12VDC operation, the cabinet shape and lack of mounting bracket makes mobile operation impractical. Scan rate only 8 channels/sec vs. 15/sec in Regency and Bearcat. Causes RFI: Plastic case permits scanner to radiate signals into nearby receivers.

PRO30: 16 channel programmable portable with aircraft band. Good frequency coverage. Extra controls on top allow control of SCAN, MANUAL, and PRIORITY functions while worn on belt. Good belt clip. Low audio output. Plastic case prone to break at BNC antenna connector under severe use, vs. metal frame in Regency HX1000. High price, no discounts or sales yet. I had 6 or 7 PRO30s, having to return them several times during the 1 year warranty, although other owners have had little or no trouble. Troubles included oscillation in IF stage, no UHF band reception, case broken around base of antenna connector, etc.

PRO24: Only 4 channels in this crystal controlled portable. Covers the three basic bands, but no aircraft. Easy to obtain batteries and crystals. Characteristic Radio Shack squelch problem, fixable by changing one resistor. All-plastic case larger than Bearcat Thin Scan and clones.

Craig (division of Pioneer) |

4530: Japanese 10 channel crystal controlled 3 band unit. | Also available under Plectron name but in different cabinet. No aircraft band. Deluxe features like priority, trimmer capacitors for netting each channel, front panel speaker, and rugged metal cabinet make this unit a winner. Channel lockout slide switches have finite life. Replacing burned out incandescent channel lamps not fun. Grab a 4530 if you find one in good condition. |

Sonar: |

Sonar made several crystal controlled scanners and | channelized monitor receivers which shared the same RF | circuitry. Each radio was housed in the same size metal | case and worked on both 120 VAC and 12 VDC. The models | differed in the number of channels, the band coverage, and | whether individual channels could be locked out. |

Although they used a 10.7 MHz first IF, Sonar radios | require parallel resonant crystals different than the | common series resonant crystals used in Regency and Radio | Shack scanners. Sometimes, Radio Shack crystals will work | in Sonar units, but more often they oscillate a few kHz off |

frequency and are unsuitable unless changes are made to the |
oscillator circuitry. Therefore, beginners should avoid |
these radios. Typical Sonar squelch has long time constant |
causing a long noise burst at the end of each transmission. |

FR-104, FR-105: 6 channel monitor receivers covering 25 - |
50 MHz or 150 - 175 MHz. Manual channel selection, i.e., |
no scanning. Early models are identified by an 11 pin |
connector on the rear and they could be used with an |
optional NiCd battery pack and charger which bolted to the |
rear panel. Later models used Cinch Jones connectors with |
flat contacts. Optional tone decoder board. |

FR-2512, FR-2513: 24 channel versions of the FR-104 and |
FR-105 monitor receivers. Manual channel selection, i.e., |
no scanning. |

FR-2514, FR-2515: 8 channel scanners. Channel 1 priority. |
Recommend you avoid these models as there is no way to |
lockout a channel from the scan sequence. |

FR-2526, FR-2526, FR-2528: 10 channel scanners covering |
various combinations of 3 bands. Each channel could be |
locked out. Channel 1 priority. |

Sonar #chan- VHF VHF UHF lock- |
Model nels low high scans? outs? |
_____ |
FR104 6 X no |
FR105 6 X no |
FR2512 24 X no |
FR2513 24 X no |
FR2514 8 X yes no |
FR2515 8 X yes no |
FR2526 10 X yes yes |
FR2526 10 X X yes yes |
FR2528 10 X X yes yes |

Table 1. Summary of Sonar base/mobile monitor and scanner |
receivers |

Tennelec

Manufactured the first synthesized scanners. Company went
out of business several years ago. Schematics and parts
difficult to obtain. Radios reputed to be poor performers.
Got my MS-2 and MCP-1 basket cases for free and sometimes
regret taking them. Not worth fixing unless you have
access to DTL/RTL chips and circuit diagrams.

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5605. Re: New RS Scanners?

Newsgroup: rec.radio.scanner
Date: 1994-06-26 10:05:52 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9406260901.AA152619@f217.n202.z1.fidonet.org>
Source record: 272563

bn> Maybe someone at RS used their heads, about a year ago, and
stocked the
bn> company up on a few tens of thousands of the 2006. T'would be
nice if
bn> they did.

Nah, never happen. Latest report in the Fido Scanradio echo, from a RS manager, is that there are no more 2006's in the warehouses. Several new triple-conversion units will make their debuts any day now (probably before the new catalog is officially released).

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

5606. OJ Manhunt Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-06-26 13:04:46 UTC
From: Brian_Johnson@f1010.n202.z1.fidonet.org
Message-ID: <9406260901.AA152620@f217.n202.z1.fidonet.org>
Source record: 272564

Greg, the same stuff was heard down here. I live in the San Diego area which is about 160 (give or take a few miles) from the Los Angeles region. They must have been using several repeaters on UHF CLEMARS. I was surprised at how clear everything on that frequency sounded down here during the entire chase. Happy Monitoring...Brian.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

5607. Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-06-26 13:33:42 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9406261701.AA152621@f217.n202.z1.fidonet.org>
Source record: 272475

j> I was told by a RS employee that the 2006 is now the "new" 2006
and
j> can not be modified. There is no way of knowing if it is a "new"
2006 or
j> an old one except by manufacture date.

If they DID change it, they'd have to have it re-certified, and that
would involve a NEW part number (not the 2006, but the 20-145 on the
back on a little tag).

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

5608. Re: USAir says 'NO' to scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-26 15:15:36 UTC
From: gilles@well.sf.ca.us
Message-ID: <2uk62o$igo@nkosi.well.com>
Source record: 272560

Over the past few years I have noticed that many flights have one channel on the radio (assuming they provide you with free headphones) where you can monitor the freq the pilot is using. Last week on a United flight they actually announced this and encouraged folks to listen in. One friend on the flight kept his earphones on for the whole flight and caught occasional traffic as we were crusing.

5609. AOR scanners - What is wrone with them?

Newsgroup: rec.radio.scanner
Date: 1994-06-26 15:29:09 UTC
From: scollin@sapphire.win-uk.net
Message-ID: <11@sapphire.win-uk.net>
Source record: 272561

I have just got started with Internet, but in the short time
I have been subscribing to this group I have noticed a distinct
disinterest in AOR scanners. No one seems to mention this brand
much. The only mentionings I can find so far are negative.

I am quite a fan of these radios. They are readily available here
in the UK and have good back up service via the importer. They have
good performance and even my old AR-3000 (AR-3000A predecessor)
leaves my ICOM R-7100 standing still as far as scan speed is
concerned. Is there something wrong with AOR scanners from other
user's point of view?

Any comments would be welcome.

Simon

5610. Re: Has anyone cracked Uniden 9100 900MHz cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-06-26 16:06:26 UTC
From: lemson@ux1.cso.uiuc.edu
Message-ID: <2uk922$mo3@vixen.cso.uiuc.edu>
Source record: 272562

>Ed G in SF (edginsf@aol.com) wrote:
>: In article <mballCor8x0.GAs@netcom.com>, mball@netcom.com (Mark Ball)
>: writes:

>: Both phones say "digital" only Uniden claims "spread spectrum". Any
>: way to tell? What scanners can receive it?

>: I got the Uniden 9100 and used it next to my Icom R7100 and Grove
>: SDU. The transmissions are most assuredly digital, and are not NFM,
>: but spread out over about a 4 MHz range. I could tell when it was in
>: use, but no way to monitor the audio. I love it, and use mine at
>: work each day.

Note that 99% of the current cordless listeners (read: people with
plain old scanners) can't pick these up, but don't think that it's
secure - these cordless phones aren't really "TRUE" spread spectrum,
as used in secure military applications. They don't change their
frequency all the time, as they should to be secure. They tend to
pick a spectrum and stick with it. Therefore, someone with the
appropriate receiver could receive it pretty easily. (what do you
want to bet that a receiver could be made from another unit? :-)

When they come out with a frequency agile, DES-encoding cordless
unit, THEN it will be more interesting.
--
David Lemson
University of Illinois Computing & Comm Services Office System Administrator
Internet : lemson@uiuc.edu UUCP :...!uiucuxc!uiucux1!lemson
NeXTMail & MIME accepted BITNET : LEMSON@UIUCVMD

5611. Re: Chicago 406.6 MHz WHatiz?

Newsgroup: rec.radio.scanner
Date: 1994-06-26 16:12:02 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <772668879@f747.n115.z1>
Source record: 272326

-=> Quoting wbloss21 Jun 94 08:33:24elphi.com to All <=-

wb> From: wbloss@delphi.com
wb>
wb> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:

> I have no idea what it is. I receive it here loud and clear. (30 miles
>west of Chicago) I have a CARMA meeting at noon...I'll ask and see if
>anyone can give me a clue.
wb>
wb> Hi Jerry,
wb> I did receive one e-mail response regarding a radiation sensor at
wb> Fermi labs. I was located in the Tinley park area, but I believe it
wb> could be heard all over. Not sure the Fermi Lab raditaion monitor makes
wb> sense for this one...let me know what he club has!

It is from the Fermi Lab property in Warrenville/Batavia. Nobody seemed
to know exactly what it was for, but radiation monitor makes sense.
Some CARMA members even heard synthesized voices on the system that
sounded eerie. <g>

Jerry

5612. Re: Going Rate For Used Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-06-26 16:17:11 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <772668880@f747.n115.z1>
Source record: 272325

SB> Seriously, I know I can buy one at Radio Shack right now for $399,
SB> as I just spoke to them on the phone. No shortage, not discontinued.
SB> The change is one of the easiest available. From mail order, I think
SB> that drops down to $350, maybe $340. If its in mint condition, I
SB> would suggest $325 to $340. Not a penny over $375. Now add the
SB> Opto-456 to it and it could become twice the value...

Steven...
From several RS people that hang out in CompuServe and Fido Scanradio,
this unit is being discontinued. On the horizon is a replacement that will
have 1000 channels, 100 / bank. Judging by the response of this unit, the
'2006 could be an excellent unit in holding it's value.
The new unit will also be cheaper in construction and have no cellular
modifiable capability. That's the word.

Jerry

5613. Re: I changed pro-2006 Xtal to 15MHZ..it works faster

Newsgroup: rec.radio.scanner
Date: 1994-06-26 16:19:31 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <772668881@f747.n115.z1>
Source record: 272424

> -=> Quoting Mickey R Henniger to All <=-

MRH> Bill Cheek does not describe a mod for changing the Xtal on the 2006.
MRH> He has mods described for the 2004 and 2005 (up to 10 Mhz).
MRH>
MRH> The reason for my post was:
MRH> 1. The mod also works on the 2006.
MRH> 2. In at least one case, 15 Mhz (not Bill's recommended 10) worked
MRH> 3. I wanted to quantify the resultant speed for any who wished to
MRH> try it.

No problem. <g>
Jerry

5614. Re: Seattle killer caught by scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-26 16:26:10 UTC
From: smb@research.att.com
Message-ID: <Cs0Izn.7A1@ulysses.homer.att.com>
Source record: 272566

In article <Yo63kiubG6p8067yn@access.digex.net>, domonkos@access.digex.net (Andy Domonkos) writes:

> In article <CryF6H.9Is@ulysses.homer.att.com>,
> smb@research.att.com (Steven Bellovin) wrote:
> >
> > Whenever any wire, oral, or electronic communications has
> > been intercepted, no part of the contents of such communication
> > and no evidence derived therefrom may be received in evidence in
> > any trial, hearing, or other proceeding in or before any court,
> > grand jury, department, officer, agency, regulatory body, legis-
> > lative committee, or other authority of the United States, a
> > State, or a political subdivision thereof if the disclosure of
> > that information would be in violation of this chapter.
> >
> > Not that it does not say that the illegal interception must be done
> > by a police officer for the evidence to be barred! I seem to recall
> > reading some law review articles stressing this point; I may have the
> > pointers lying around.
>
> There's no saying one can't 'anonymously' deliver a taped recording of
> an illegal activity caught on a scanner, the police will take ANY tips
> they can get...

Maybe. Read the part about ``no evidence derived therefrom'', and about the legal doctrine of the ``fruit of the poisoned tree''. Something like that could very easily get the case thrown out of court, if the defense attorney knew what had happened. For that matter, I suspect that the prosecuting attorney would be obliged to tell the defense.

5615. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-06-26 17:03:05 UTC
From: steven@sgb.oau.org
Message-ID: <Cs0Kp6.HtL@sgb.oau.org>
Source record: 272570

johnnyrock@delphi.com wrote:
: I was told by a RS employee that the 2006 is now the "new" 2006 and
: can not be modified. There is no way of knowing if it is a "new" 2006 or
: an old one except by manufacture date.

Well that dumb stupid RS employee has just created a mess in saying that.

Now since they have admitted there is no difference outside the unit, we need someone to purchase a new unit (with the changes) who also has an old one. You have a 30 day return policy on all RS equipment, no questions asked. Lack of cellular would be a good reason which could not be questioned.

Now, compare the new unit to the old unit, if you are real careful, you may even want to play with the diodes and see what happens to the scanner. Check and compare the CPU and other significant chip numbers, and TAKE NOTES!

Now, armed with these notes, call National Parts, ask them for the part number and the cost of the parts (that were changed, such as MPU/CPU), as yours inadvertantly got blown in a modification and you need to repair it. Use the chip numbers from the old, modifiable scanner. Now, post these results here for the rest of us. If I could find one of these new ones locally, I'd do it myself. So far, its all been hot air.

Think of it this way, if they have left the diode configuration in place, or hardwired it such that ONLY the CPU/MPU is blocking the signals, that is GREAT, since changing the chip would instantly unblock it, with no other "components" to change, move, swap, etc (ala Uniden).

Of course, if this is being used as a base scanner, the Opto-456 board installed and use of serial interface on your computer will always be able to override the CPU blockage anyhow, as it electrically disconnects and replaces the CPU when installed an operational, permitting you to search/scan from your computer. It costs $299.

Anyhow, back to dumb RS salesman, the reason I said dumb earlier, is any returned new 2006 units probably will have been probed, prodded, dissected, etc, prior to reassembly and return, meaning they will be selling used equipment for a while -- due to this stupidity. They might as well poly bag the changed parts - stamp a part number on the kit, and hang them on a peg next to the scanner shelf -- with a short "how to upgrade your new FCC approved scanner to cellular capability insert!". It would be illegal for RS to do the mods, ie, chip swaps, but NOT illegal to sell the components to do so.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley

steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5616. Re: PRO 2024 Does anyone have it?

Newsgroup: rec.radio.scanner
Date: 1994-06-26 17:14:36 UTC
From: kbarger@cellar.org
Message-ID: <23eJoc3w164w@cellar.org>
Source record: 272568

boejaker@packard.win.net (Gerald M. Baker) writes:

> I'm a new subscriber to this group. There seem to be many
> postings about other pro models, but not this one. How
> come? Is it junk, or what? Any comments or modification
> ideas are welcome.

I had one as my first scanner, that I've since sold. Radio Shack has discontinued it, but replaced it with a similar model in a fancy black box, rather than the 2024's tasteful imitation walnut grain. There was nothing wrong with it, if you didn't mind no 800MHz (I didn't) and only 60 channels (got to be quite cramped after a while). I never ran across any modifications for it.

--
Kyle Barger
kbarger@cellar.org

5617. Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-26 17:30:36 UTC
From: steven@sgb.oau.org
Message-ID: <Cs0Lz1.Hwu@sgb.oau.org>
Source record: 272571

I'm looking for some opinions on which scanner is considered the best scanner available for monitoring cellular phone calls. I already use a cellular telephone portable antenna -- which actually does help. I'd like to know which scanner seems to do this job best.

Please do not quote such items as "illegal to intercept, import, manufacture", etc... as I really do not care about such dumb laws and obviously do not obey them. Such trash as the April 26th stuff and the ECPA mean little to nothing to me. About the only aggrivation is Congress has forced me to go overseas for my monitoring equipment.

Anyhow, having said that, which scanners seem to do the best job for cellular monitoring? Keep in mind such discussions are NOT illegal, since I have been told by numerous people (in places where they should know), to enforce the ECPA, you must be violating it in the presence of a law enforcement official, or display of evidence of directly having done so, for example, making a tape, and playing that tape in the presence of a law enforcement person. Getting a search warrant on the grounds "you are suspected of listening to cellular calls" would be pretty hard to do, since turning the scanner off (something I normally do when answering the door) would kill any evidence they may have been hoping for.

BTW, WHICH congress members were responsible for this stupid law in the first place? Who do we NOT want to re-elect on the next election???

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Don't you think its
America Online: sgbradley@aol.com | time we FIRED the FCC?

5618. BC200XLT mobile? wire to 12v?

Newsgroup: rec.radio.scanner
Date: 1994-06-26 17:47:24 UTC
From: twise@shell.portal.com
Message-ID: <2ukevc$4e5@news1.svc.portal.com>
Source record: 272565

I have a fairly small car, and am interested in putting a scanner in my car. I like the BC200XLT because of its range and because it is small and portable...but can I wire it to 12v so that I don't have to keep worrying about the battery?

Travis
--

Travis A. Wise
Supervisor, Photo Drive Up Voice Mail/Pager: (408) 383-8570
Freshman, San Jose State University

5619. Re: Skip

Newsgroup: rec.radio.scanner
Date: 1994-06-26 18:36:06 UTC
From: alf@kaiwan.com
Message-ID: <LQS3kClg1eML066yn@kaiwan.com>
Source record: 272569

In article <B09TA9k.aeller@delphi.com>, Augusta Eller wrote:
> On summer nights I used to hear stations in Elyria and Cleveland, OH coming
> in on my local Macomb County 460 frequencies here in MI. I also have
> icked up Los Angeles, CA in the 37 MZ band in late Fall. My mother's
> scanner in Warren, MI really picked up the Los Angeles PD on the 37 MZ
> band. It was just like being in the area. I haven't heard this
> for several years recently. Is that because the skip in not good or what?
> Augusta in MI

Skips are dependent on sun spot activity and if you ever read anything
about ham radio you will discover that sun spot activity is *LOW* now.

--
Alfred Lee Fountain Valley, CA, U.S.A. alf@kaiwan.com

5620. Re: AOR scanners - What is wrone with them?

Newsgroup: rec.radio.scanner
Date: 1994-06-26 20:44:43 UTC
From: schuster@panix.com
Message-ID: <2ukpbr$8ff@panix.com>
Source record: 272572

In article <11@sapphire.win-uk.net>,
Simon Collings <scollin@sapphire.win-uk.net> wrote:
>I have just got started with Internet, but in the short time
>I have been subscribing to this group I have noticed a distinct
>disinterest in AOR scanners. No one seems to mention this brand
>much. The only mentionings I can find so far are negative.
>
>I am quite a fan of these radios. They are readily available here
>in the UK and have good back up service via the importer. They have
>good performance and even my old AR-3000 (AR-3000A predecessor)
>leaves my ICOM R-7100 standing still as far as scan speed is
>concerned. Is there something wrong with AOR scanners from other
>user's point of view?

Actually the AR3000a is probably the best they have produced. But the older tabletop models (2515, 2800, etc) have had problems. But AOR has a tarnished name because of uneven quality control, problems with early versions of many models, arcane user interface, and lack of availability of service information. Here in the US, AOR was further tarnished by the reputation of ACE Communications, who used to be their exclusive distributor.

Because of the above, there are few mods/upgrades around, and people like Bill Cheek won't touch 'em.

I've owned AOR/Nissei scanners. They have lots of features and good performance, expecially for their size and price. But they've made some turkeys, too. And it's that uncertainty, perhaps, that keeps people away.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5621. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-26 20:46:36 UTC
From: schuster@panix.com
Message-ID: <2ukpfc$8lp@panix.com>
Source record: 272573

In article <Cs0Lz1.Hwu@sgb.oau.org>, Steven Bradley <steven@sgb.oau.org> wrote:
>I'm looking for some opinions on which scanner is considered the best scanner
>available for monitoring cellular phone calls. I already use a cellular
>telephone portable antenna -- which actually does help. I'd like to know
>which scanner seems to do this job best.

IMHO the unblocked PRO-43 has the best combination of scanning speed,
sensitivity, skipping over data channels (data squelch), and proper
bandwidth to produce non-scratchy audio.

Of course, I don't actually =use= it for that.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

5622. Re: AOR scanners - What is wrone with them?

Newsgroup: rec.radio.scanner
Date: 1994-06-26 22:51:58 UTC
From: Kevin Martinez <lps@rahul.net>
Message-ID: <Cs10un.ExG@rahul.net>
Source record: 272487

schuster@panix.com (Michael Schuster) writes:

>In article <11@sapphire.win-uk.net>,
>Simon Collings <scollin@sapphire.win-uk.net> wrote:
>>I have just got started with Internet, but in the short time
>>I have been subscribing to this group I have noticed a distinct
>>disinterest in AOR scanners. No one seems to mention this brand
>>much. The only mentionings I can find so far are negative.
>>
>>I am quite a fan of these radios. They are readily available here
>>in the UK and have good back up service via the importer. They have
>>good performance and even my old AR-3000 (AR-3000A predecessor)
>>leaves my ICOM R-7100 standing still as far as scan speed is
>>concerned. Is there something wrong with AOR scanners from other
>>user's point of view?

>Actually the AR3000a is probably the best they have produced. But the
>older tabletop models (2515, 2800, etc) have had problems. But AOR has a
>tarnished name because of uneven quality control, problems with early
>versions of many models, arcane user interface, and lack of availability
>of service information. Here in the US, AOR was further tarnished by the
>reputation of ACE Communications, who used to be their exclusive
>distributor.

>Because of the above, there are few mods/upgrades around, and people like
>Bill Cheek won't touch 'em.

>I've owned AOR/Nissei scanners. They have lots of features and good
>performance, expecially for their size and price. But they've made some
>turkeys, too. And it's that uncertainty, perhaps, that keeps people away.

I am really happy with my AOR-3000A. I am even happier with it because I
got it in Hong Kong and didn`t pay Ace a penny.

Keep in mind that for every unhappy post concerning some product, there
could be 10 - 100 satisified users. The satisifed people rarely resort to
broadcasting their happiness. They are to busy having fun!

Kevin Martinez
lps@rahul.net

--

Kevin Martinez lps@rahul.net Member of the Julie Kangas Fan Club
Work: 1 800 50 SATAN Home: 1 510 676 1111

5623. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-26 23:08:42 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jun26.180842.2531@hnrc.tufts.edu>
Source record: 272574

In article <Cs0Lz1.Hwu@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley) writes:
[snipped and rearranged]

> I'm looking for some opinions on which scanner is considered the best scanner
> available for monitoring cellular phone calls. I'd like to know
> which scanner seems to do this job best.

> Keep in mind such discussions are NOT illegal

I am not a lawyer and suspect you are not one either, but I would be inclined to agree, barring evidence to the contrary, that such discussions are probably okay. I'm not sufficiently knowledgeable to pick a winner. One thing I've noticed is that many so-called cellular restorable scanners have only 12.5 MHz steps in that region.

> I already use a cellular
> telephone portable antenna -- which actually does help.
> Please do not quote such items as "illegal to intercept, import, manufacture",
> etc... as I really do not care about such dumb laws and obviously do not obey
> them.

You may disagree, I may disagree, many may disagree, but the law is the law, like it or not. It is inappropriate--some might say dangerous to the continued existence of the newsgroup--for a cadre of individuals to use USENET to admit publicly to flouting the law and imply others do likewise.

If this is a flame, it is a flame against the position, not against the poster.

5624. Re: Pro 43 carry case (where can I buy one in Ontario?)

Newsgroup: rec.radio.scanner
Date: 1994-06-27 00:39:00 UTC
From: jimz@infinet.com
Message-ID: <2ul734$ro9@rigel.infinet.com>
Source record: 272476

Radio Shack sells a leather-ette pouch type case that works well with the '43. It doesn't give access to the keypad, but the belt loop is securely fastened. I've got one, and it cost about 10 bucks. Sorry, I don't have the part number, but it should be VERY common.

Oh yeah, I think they've got two different sizes, and the smaller one is the right fit for the '43.

--

```
/+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-\
| jimz@infinet.com | What's better than roses on your piano? |
| Call me Wookie; | Finger me for the answer. |
| everyone else | |
| does. | Disc: Don't even bother listening to me. |
\-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-/
```

5625. Re: Pro 43 carry case (where can I buy one in Ontario?)

Newsgroup: rec.radio.scanner
Date: 1994-06-27 00:58:55 UTC
From: vitamvas@hookup.net
Message-ID: <vitamvas.82.2E0E244F@hookup.net>
Source record: 272477

In article <2ul734$ro9@rigel.infinet.com> jimz@infinet.com (James M. Ziogas) writes:
>From: jimz@infinet.com (James M. Ziogas)
>Subject: Re: Pro 43 carry case (where can I buy one in Ontario?)
>Date: 27 Jun 1994 00:39:00 GMT

>Radio Shack sells a leather-ette pouch type case that works well with the
>'43. It doesn't give access to the keypad, but the belt loop is securely
>fastened. I've got one, and it cost about 10 bucks. Sorry, I don't have
>the part number, but it should be VERY common.

>Oh yeah, I think they've got two different sizes, and the smaller one is
>the right fit for the '43.

My local RS has only the large pouch :-(Any info about which RS have the
smaller ones?

Regards,
Karel

5626. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-06-27 01:27:35 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-260694182534@lisaraip7.llnl.gov>
Source record: 272478

In article <Js9QAvn.johnnyrock@delphi.com>, johnnyrock@delphi.com wrote:
>
> I was told by a RS employee that the 2006 is now the "new" 2006 and
> can not be modified. There is no way of knowing if it is a "new" 2006 or
> an old one except by manufacture date.

I think you will find the RS employee does not know what he is talking
about. There is no new 2006, and won't be.

Gary

The above opinions are mine, not those of LLNL.

Gary Ross
Shot Director ROSS@NOVAX.LLNL.GOV
Nova Laser Operations ROSSMAN@AOL.COM
Lawrence Livermore National Lab ROSSMAN@EWORLD.COM
P.O. Box 808 L-489
Livermore, CA 94551

5627. Re: USAir says 'NO' to scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-27 02:53:02 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun27.025302.22231@hpcvaac.cv.hp.com>
Source record: 272479

ericd@pacifier.rain.com (Eric Dahlquist) writes:
: the case, but another story.) The flight attendant came back and said
: "They are on 128.55, but you can't use that on this flight," and the
: reasoning behind it was that it had a VOR in it. (I know that VOR stands
: for VHF Omni-directional Range finder, but I didn't tell her this). I

This was a bogus claim. ALL commercial aircraft have VOR receivers, and
they use them so that they can follow the airways. (with required deviations
as directed by inflight services)

That flight was no different than any other.

However, the pilot is in charge. He/she is totally free to prohibit any
such electronic equipment, even if the company policy states otherwise.

Bill

5628. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 02:53:23 UTC
From: NADO000 <LNADEAU@UNB.CA>
Message-ID: <26JUN94.24720963.0073@UNBVM1.CSD.UNB.CA>
Source record: 272490

In article <1994Jun26.180842.2531@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
>In article <Cs0Lz1.Hwu@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley) writes:
>[snipped and rearranged]
>
>> I'm looking for some opinions on which scanner is considered the best scanner
>> available for monitoring cellular phone calls. I'd like to know
>> which scanner seems to do this job best.
>
>> Keep in mind such discussions are NOT illegal
>
>I am not a lawyer and suspect you are not one either, but I would be inclined
>to agree, barring evidence to the contrary, that such discussions are probably
>okay. I'm not sufficiently knowledgeable to pick a winner. One thing I've
>noticed is that many so-called cellular restorable scanners have only 12.5
>MHz steps in that region.
>
>> I already use a cellular
>> telephone portable antenna -- which actually does help.
>> Please do not quote such items as "illegal to intercept, import, manufacture",
>> etc... as I really do not care about such dumb laws and obviously do not obey
>> them.
>
>You may disagree, I may disagree, many may disagree, but the law is the law,
>like it or not. It is inappropriate--some might say dangerous to the continued
>existence of the newsgroup--for a cadre of individuals to use USENET to
>admit publicly to flouting the law and imply others do likewise.

Hold it there! For your information, *millions* of Americans visit
Canada every year. Over here you can listen to cellular calls 24
hours a day if it makes you happy, legally. Just remember *not* to
discuss what you hear with anyone except the parties whose
conversation you heard.

Luis
VE9LN
>
>If this is a flame, it is a flame against the position, not against the poster.
>.
>.

5629. Re: What was that thing?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 02:56:52 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun27.025652.22317@hpcvaac.cv.hp.com>
Source record: 272480

johnsonk1@yvax.byu.edu writes:
:
: I really like this Silent Play gadget now that I've used it for a couple
: weeks. I've also used it to transmit the audio from my Pro-2006 so that
: I can listen on a radio in another room. This can also give the 2006 a
: great audio boost. I've also used it to copy part of a recording on a
: microcassette tape to a regular tape when I didn't have a cable. I'm sure
: there are other interesting uses for this thing. I tried to have it
: transmit my voice by plugging in one of those little microphones, but I
: could barely hear myself speak with the radio on full blast. Does anyone
: out there know why?

Yes. The microphone does not have enough output to drive the amplifier to
a decent level. If you ran it through a mixer, you would be able to boost
it to a useable level.

: Also, am I breaking the law when I retransmit police from my scanner via
: this Silent Play gadget? What about NOAA weather, military, private air-
: craft?

Good question - seeing as the toy is a legal unlicensed transmitter. My
guess is that it would be.

Bill

5630. Re: Seattle killer caught by scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-27 03:01:04 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun27.030104.22387@hpcvaac.cv.hp.com>
Source record: 272481

smb@research.att.com (Steven Bellovin) writes:
: In article <1994Jun24.200723.9027@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
: > : caught the killer but can they actually use information obtained illegally
: > : to prosecute him?
: >
: > Certainly. As long as it was a private citizen, and not the police who did
: > the monitoring and recording illegally.
:
: In fact, that isn't clear. Here's the wording of the relevant law, from
: Title 18 of the U.S. Code:

deleted ...

Sorry, I should have been more explicit. The recording would probably be ruled reasonable cause to get a search warrant. Whether they could actually use the contents of the tape would be, as you say, open to argument.

Bill

5631. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 03:13:37 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun27.031337.22656@hpcvaac.cv.hp.com>
Source record: 272482

jerry@hnrc.tufts.edu (Jerry Dallal) writes:
:
: You may disagree, I may disagree, many may disagree, but the law is the law,
: like it or not. It is inappropriate--some might say dangerous to the continued
: existence of the newsgroup--for a cadre of individuals to use USENET to
: admit publicly to flouting the law and imply others do likewise.

Why is it inappropriate, much less dangerous? In the first place, how does anyone know that the person making the claim is actually doing so? How do we know the postings are not forgeries? How would it endanger the existance of the newsgroup?

I suspect that, if a few hundred thousand people up and stated that they listen to the cellular frequencies, that the ban would be ignored as unenforceable - which is exactly what it is. The only way that the cellular industry will secure conversations is to go to either a random root digital encryption, or a varying spread spectrum transmission.

Bill

5632. Re: Reply to Bob Grove

Newsgroup: rec.radio.scanner
Date: 1994-06-27 03:16:03 UTC
From: NADO000 <LNADEAU@UNB.CA>
Message-ID: <26JUN94.25128958.0073@UNBVM1.CSD.UNB.CA>
Source record: 272491

In article <netnewsCrun3u.8Ez@netcom.com> bkobb@newsignals.com (Bennett Z. Kobb) writes:
>>I believe you will see in section two, it states imported for use in the
>>United States. There are other reasons to import than simply for use.
>
>The actual regulation does not say "imported for use," it just says
>"the manufacture or importation of scanning receivers, and frequency
>converters designed or marketed for use with scanning receivers, that
>do not comply with the provisions [that ban cellular coverage]
>shall cease on or before April 26, 1994."
>
>I'm not aware of anyone who has tried to import scanners not certified for
>use in the U.S. on the pretext that they will not use them in the U.S.
>Have you done this successfully?

Can't answer for him, but I have seen ads for ham power amplifiers
for export only

Ham radio gear in Canada, if one shops carefully, is a little
cheaper than it is in the US, with the possible exception of Alinco
products. On the other hand, scanners tend to be a lot more
expensive. I imported mine from the US. Canada, which is visited by
millions of Americans every year btw, has no restrictions on
monitoring cell frequencies, as long as one keeps quiet about what
one hears.

Luis VE9LN
>
>>This is why the U.S. Customs can not confiscate them.
>
>Customs can bar importation. If the products are imported and the FCC
>finds
>a violation, the FCC can issue a fine or request Customs to issue
>redelivery notice. If the importer doesn't redeliver, Customs can fine
>them.
>.
>.

5633. Anyone know why Larry retired in the Radio RT on GEnie?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 03:29:57 UTC
From: steven@sgb.oau.org
Message-ID: <Cs1Dpy.nG@sgb.oau.org>
Source record: 272486

I just found out that Larry Ledlow retired from GEnie on 6/1/94. He was the sysop of the Radio RT. Since I had always thought that function was just the task for a retiree, it made me wonder why he quit. Does anyone know why he threw in the towel?

I was testing their new Windows interface. Pretty discouraged with it. GEnie has under 5 days remaining for me... nothing left to make it worth it anymore... :(

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5634. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 03:50:48 UTC
From: bass@cais.cais.com
Message-ID: <2uliao$gsc@sun.cais.com>
Source record: 272452

It is one thing to discuss electronics, theory, and what-ifs. Not a lawyer, just an engineer, it seems in the US we are free to assemble electronically to discuss ideas, theory, and even challenge the legal system. BUT it is legally dangerous to admit openly that you are breaking the law. A newsgroup is an open discussion. Those who are wise will continue to discuss ideas as theory.

Then again, what the heck do I know.....just a mere computer engineer in the big world trying to do the best I can (and not doing such a good job half the time!)

bill nelson (billn@hpcvaac.cv.hp.com)
wrote: : jerry@hnrc.tufts.edu (Jerry Dallal) writes:
: :
: : You may disagree, I may disagree, many may disagree, but the law is the law,
: : like it or not. It is inappropriate--some might say dangerous to the continued
: : existence of the newsgroup--for a cadre of individuals to use USENET to
: : admit publicly to flouting the law and imply others do likewise.

: Why is it inappropriate, much less dangerous? In the first place, how does
: anyone know that the person making the claim is actually doing so? How do
: we know the postings are not forgeries? How would it endanger the existance
: of the newsgroup?

: I suspect that, if a few hundred thousand people up and stated that they
: listen to the cellular frequencies, that the ban would be ignored as
: unenforceable - which is exactly what it is. The only way that the cellular
: industry will secure conversations is to go to either a random root digital
: encryption, or a varying spread spectrum transmission.

: Bill

5635. Re: Has anyone cracked Uniden 9100 900MHz cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 04:08:54 UTC
From: Bud_Jamison@f1010.n202.z1.fidonet.org
Message-ID: <9406262139.AA152625@f217.n202.z1.fidonet.org>
Source record: 272485

DL> secure - these cordless phones aren't really "TRUE" spread
spectrum,
DL> as used in secure military applications. They don't change their
DL> frequency all the time, as they should to be secure. They tend
to
DL> pick a spectrum and stick with it. Therefore, someone with the

I think you're confusing spread spectrum with frequency hopping.

--- ProBoard v2.01 [Reg]
* Origin: Can YOU handle 28,800 speeds? Call Zoom! (1:202/1010)

5636. Re: Pro 43 carry case (where can I buy one in Ontario?)

Newsgroup: rec.radio.scanner
Date: 1994-06-27 04:22:06 UTC
From: jimz@infinet.com
Message-ID: <2ulk5e$55i@rigel.infinet.com>
Source record: 272483

Karel Vitamvas (vitamvas@hookup.net) wrote:

: My local RS has only the large pouch :-(Any info about which RS have the
: smaller ones?

Can they order the smaller one for you? Since the case is such a common
item, I would imagine suggestions for another Radio Shack would be a hit
and miss situation anyway.

--
/+-\
jimz@infinet.com	What's better than roses on your piano?
Call me Wookie;	Finger me for the answer.
everyone else	
does.	Disc: Don't even bother listening to me.
\-+-/

5637. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-27 05:42:42 UTC
From: nishri@gpu.utcc.utoronto.ca
Message-ID: <Cs1Jv7.J18@gpu.utcc.utoronto.ca>
Source record: 272484
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

In article <CrxDMH.40@newsflash.concordia.ca>,
Andrew Francis <andrew@gmvt4.concordia.ca> wrote:
>In article <Crx4o1.15x@cunews.carleton.ca> swyerxa@superior.carleton.ca
>(Shawn W. Yerxa) writes:
>
>Jim Grant (jimg@gov.nt.ca) wrote:
>
>JG> Reading the minutes of the last advisory council meeting, fills me
>JG> with dread! Somehow under the guise of social impacts they are being
>JG> presented with a recomendation to endorse the position that there should
>JG> be laws preventing private citizens from monitoring communications that
>JG> are broadcast despite being essentially private (cellular phone traffic
>JG> and other sorts of radio communications).
>
>What is wrong with that? Telephone conversations are considered to be
>private and it is illegal for most third parties to easedrop regardless of
>the precautions or lack of precautions the telephone conversationalists
>take. The fact that the conversation takes place via cellular phone, a
>radio broadcast medium, shouldn't matter. It sounds like the government
>is merely harmonizing the existing privacy laws in sections S.183 to S.196
>of the Criminal Code. Consequently, I did find little merit in Mr. Grant's
>line of reasoning.

Perhaps someone with a better understanding of the law in Canada might explain this. It was my understanding that the medium in Canada does make a difference. When I send a letter via Canada Post the medium used (e.g. the envelope, the trucks, etc.) is private even if Canada Post is publically held and regulated. Similiarly if I my telephone conversation is carried by wire (coax, fibre, etc.) then that medium is private, even if the telephone company might be government controlled or regulated. However, radio waves are considered public. This would be more like someone using smoke signals to send messages from one end of Saskatoon to another. Now consider a law to regulate the technology to decode this message (i.e. the knowledge of how messages are encoded into smoke signals) or a ban on reception (i.e. don't look at the smoke signal).

I thought in Canada the current law permits monitoring radio personal communications as long as there is no personal gain and you do not repeat the message. However, for some reason it doesn't seem to be applied; anyone know why? I note that on the highways of Toronto there are many tow trucks on the highway, each with many scanner antennas installed, monitoring cellular and other frequencies for business. I note that in British Columbia a political figure got in trouble after newspaper reporters published a cellular conversation which implied an extra-maritial affair.

Of course, as a user of cellular phones I accept that my calls can and are monitored. And I accept that my cellular phone company sends something to my car phone which makes it announce its location, even when I am not on the phone, allowing anyone with a bit of equipment to chart my car's every movement.

5638. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 07:56:29 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.344.0007F142@ccm.hf.intel.com>
Source record: 272492

In article <Cs0Lz1.Hwu@sgb.oau.org> steven@sgb.oau.org (Steven Bradley) writes:
>I'm looking for some opinions on which scanner is considered the best scanner
>available for monitoring cellular phone calls. I already use a cellular
>telephone portable antenna -- which actually does help. I'd like to know
>which scanner seems to do this job best.

I like the BC2500XLT because of its speed, but by far, the best way to go is a computer controlled scanner like the R7000. I have all input and output frequencies programmed by wireline & non-wireline, with 7 cell (A - G) groupings and 21 cell (1 -21) groupings. Random searching just doesn't cut it.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5639. Re: Legal rights to see FCC license?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 08:25:11 UTC
From: AArnold@gsb-lira.stanford.edu
Message-ID: <gsb-270694011726@gsb-lira.stanford.edu>
Source record: 272488

In article <2u56ja$7ee@samba.oit.unc.edu>, Sherrod.Munday@launchpad.unc.edu
(Sherrod Munday) wrote:
> What are the rights of the citizens to walk into a police station and ask
> to see the FCC frequency licenses issued to the station?

As a radio license manager, I can comment point blank: none.

* Law requires posting of license at control point, and access to
license by FCC officials.
Law does not require public access to control point or to posted
license.

* Radio license applications, unless a matter of state security, are
a matter of public record.
Public access to record information is available through the FCC.
Access to a specific licensee's license is available by
filing a lawsuit or obtaining a court order.

This may sound difficult but that's the way the law works.

-A

5640. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-27 08:49:58 UTC
From: cdshaw@cs.ualberta.ca
Message-ID: <2um3rm$833@scapa.cs.ualberta.ca>
Source record: 272489
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

nishri@gpu.utcc.utoronto.ca (Alex Nishri) writes:
>Similiarly if I my telephone conversation is carried by wire
>(coax, fibre, etc.) then that medium is private, even if the telephone
>company might be government controlled or regulated. However, radio waves
>are considered public.

People should note that a lot of long distance telephone traffic is
sent via point-to-point microwave, so it is "public" according to this
argument. The difference being that you can't buy a cheap box to
eavesdrop with. Also, the oncoming wave of high-bandwidth telephone
technology is wireless, which is to say that fibre is now old hat.

Anyway, this could probably be fixed with appropriate encoding.
--
Chris Shaw University of Alberta
cdshaw@cs.UAlberta.ca CatchPhrase: Bogus as HELL !
http://www.cs.ualberta.ca/~cdshaw

5641. Re: Has anyone cracked Uniden 9100 900MHz cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 12:52:11 UTC
From: hightech@mv.mv.com
Message-ID: <Cs23r3.9sz@mv.mv.com>
Source record: 272493

steven@sgb.oau.org (Steven Bradley) writes:

>Ed G in SF (edginsf@aol.com) wrote:
>: Both phones say "digital" only Uniden claims "spread spectrum". Any
>: way to tell? What scanners can receive it?

>: I got the Uniden 9100 and used it next to my Icom R7100 and Grove
>: SDU. The transmissions are most assuredly digital, and are not NFM,
>: but spread out over about a 4 MHz range. I could tell when it was in
>: use, but no way to monitor the audio. I love it, and use mine at
>: work each day.

> Sounds like an acceptable cordless for me... What is the price range
> on this beast? How long does a charge last? How about range?

The 9100 is/will be selling in the $270+ range shortly.
I purchased the 9200 (2 line) through the Shoppers Advantage
(1-800-835-7407) for $305!! You have to "join" their club ($1.00 for a
trial 3 month membership $49.95/yr after that) The best price I had seen
for the 2 line phone was $399 in the DAK catalogue.

The ONLY thing I don't like about the 9200 is there is a slight echo in
the earpiece when talking. The other advantages far outweigh this slight
fault. (I was told by the factory that the echo was because of the
spread spectrum technology).

I too, have tried to scan this radio and have received nothing!! The
distance is also greatly increased.

The 9200 comes with a battery charger (in addition to the charger in the
cradle) which accepts an additional battery ($36-40..from Uniden If I
remember properly) it serves the dual purpose of having an extra battery
ready for those extended calls and powering the base unit should there be
apower outage.

The 9200 also allows you to make/recieve calls even if the handset is not
at the base unit.

All in all....I LIKE IT......

(not affilliated with UNIDEN or Shoppers Advantage..)

Ron Cooper

5642. Re: What was that thing?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 13:41:24 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.347.000DB110@ccm.hf.intel.com>
Source record: 272429

In article <1994Jun27.025652.22317@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:

>: Also, am I breaking the law when I retransmit police from my scanner via
>: this Silent Play gadget? What about NOAA weather, military, private air-
>: craft?

>Good question - seeing as the toy is a legal unlicensed transmitter. My
>guess is that it would be.

If you can, tune the thing below the FM BCB (88.1 ?). That way, you are less likely to have neighbors pick up your re-transmissions.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5643. Re: BC200XLT mobile? wire to 12v?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 13:54:11 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.348.000DE7A1@ccm.hf.intel.com>
Source record: 272430

In article <2ukevc$4e5@news1.svc.portal.com> twise@shell.portal.com (Travis A. Wise) writes:

> I have a fairly small car, and am interested in putting a scanner in
>my car. I like the BC200XLT because of its range and because it is
>small and portable...but can I wire it to 12v so that I don't have to
>keep worrying about the battery?

You can do a direct wire, but you will need to put in a voltage regulator. Car power can range beteween 10 to 18 volts during operation. You will want to limit the voltage going into the scanner to about 14 volts. Keeping the battery pack plugged in would also work as a "regulator" but the battery probably won't last long that way.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5644. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 14:58:55 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jun27.095855.2536@hnrc.tufts.edu>
Source record: 272494

In article <1994Jun27.031337.22656@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:

> Why is it inappropriate, much less dangerous? In the first place, how does anyone know that the person making the claim is actually doing so? How do we know the postings are not forgeries? How would it endanger the existance of the newsgroup?

For the same reason that it would be inappropriate in *any* newsgroup to openly flout the law and encourage others to do likewise. The newsgroup might be viewed as fostering illegal activity. If some can't see the problems posed by a newsgroup where posters openly speak about committing illegal activity in the area/topic to which the group is dedicated, I'm afraid there's little I can say to help. But if I were personally involved in enforcing of those laws, I'd do all I could to restrict, by any legal means at my disposal, any group that promoted illegal behavior.

Again, I'm not saying the law shouldn't be discussed. I'm firmly in the "it's my body your passing these signals through" camp. But trying to change a law by public admissions of breaking it is not without risk.

5645. balloon tragedy in Illinois

Newsgroup: rec.radio.scanner
Date: 1994-06-27 14:59:39 UTC
From: srbeckle@cbnewse.cb.att.com
Message-ID: <Cs29no.6zM@cbnewse.cb.att.com>
Source record: 272496

I read this group all the time and wondered what the
excitement would be in monitoring hot air balloon traffic
until Saturday when I heard the Geneva, IL police say
that the Maxwell House Coffee balloon was in trouble.
There was a festival launch Saturday morning and the balloon
hit some wires while landing. The crew got dumped 30 feet
to the ground and the balloon went another 7 miles unmanned
with its propane tanks burning until it crashed into some
trees. I just heard the police side of it, but can imagine
that listening to the crew would have been "exciting" to
say the least.

The crew is expected to recover from their broken bones.

Kinda gives new meaning to the Maxwell House slogan "Good
to the last drop".

Steve Beckle
s.r.beckle@att.com
AT&T Bell Laboratories

5646. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 15:04:58 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <Cs29wl.4Lr@cbnewsc.cb.att.com>
Source record: 272497

|Again, I'm not saying the law shouldn't be discussed. I'm firmly in the
|"it's my body your passing these signals through" camp. But trying to
|change a law by public admissions of breaking it is not without risk.

Sometimes the assertion of "rights" in the face of government edicts
is what people need: Courageous Leadership.

There's one NRA Director, TJ Johnston, who advocates widespread
disobedience of California's semi-auto (so-called "Assault Weapon")
ban, who openly flaunts the law. So far the CA government has left
him alone.

Sometime the government will recognize the futility of enforcing
laws in the face of widespread flaunting of it; recall that once,
27 Mhz Citizens Band transceivers required users to be FCC licensed;
the onslaught of massive non-licensed use caused the FCC to drop
the requirement; no way in hell they were ever going to get those
millions of CB set users licensed...

The assertion of "rights" shouldn't automatically be discouraged
because of the implicit threats of governmental action. Remember, a
bunch of fanatics were instrumental in the formenting of the Republic...

5647. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 15:08:18 UTC
From: domonkos@access.digex.net
Message-ID: <Cgj3kiubGU95067yn@access.digex.net>
Source record: 272498

In article <1994Jun27.031337.22656@hpcvaac.cv.hp.com>,
billn@hpcvaac.cv.hp.com (bill nelson) wrote:
> jerry@hnrc.tufts.edu (Jerry Dallal) writes:
> :
> : You may disagree, I may disagree, many may disagree, but the law is the law,
> : like it or not. It is inappropriate--some might say dangerous to the continued
> : existence of the newsgroup--for a cadre of individuals to use USENET to
> : admit publicly to flouting the law and imply others do likewise.
>
> Why is it inappropriate, much less dangerous? In the first place, how does
> anyone know that the person making the claim is actually doing so? How do
> we know the postings are not forgeries? How would it endanger the existance
> of the newsgroup?
>
> I suspect that, if a few hundred thousand people up and stated that they
> listen to the cellular frequencies, that the ban would be ignored as
> unenforceable - which is exactly what it is. The only way that the cellular
> industry will secure conversations is to go to either a random root digital
> encryption, or a varying spread spectrum transmission.
>
> Bill

If a few hundred thousand do simultaneously break the scanner law the
authorities will just early release enough hard criminals to make room
for all those 'bad' scanner boys...(heavy sarcasm)...

Andy

5648. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 15:08:27 UTC
From: domonkos@access.digex.net
Message-ID: <mjj3kiubGMiF067yn@access.digex.net>
Source record: 272499

In article <26JUN94.24720963.0073@UNBVM1.CSD.UNB.CA>,
>
> Hold it there! For your information, *millions* of Americans visit
> Canada every year. Over here you can listen to cellular calls 24
> hours a day if it makes you happy, legally. Just remember *not* to
> discuss what you hear with anyone except the parties whose
> conversation you heard.
>
> Luis
> VE9LN
> >
Yeah Luis, but Canada is still a 'free' country...

Andy

5649. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-27 15:08:33 UTC
From: domonkos@access.digex.net
Message-ID: <3mj3kiubGlYB067yn@access.digex.net>
Source record: 272500
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

In article <2um3rm$833@scapa.cs.ualberta.ca>,
> Also, the oncoming wave of high-bandwidth telephone
> technology is wireless, which is to say that fibre is now old hat.
>
> Anyway, this could probably be fixed with appropriate encoding.
> --
> Chris Shaw University of Alberta
> cdshaw@cs.UAlberta.ca CatchPhrase: Bogus as HELL !
> http://www.cs.ualberta.ca/~cdshaw

Chris,

Fiber, old hat? Fiber still has greater b/w than microwaves. Fiber hasn't made rounds here in the USA due to federal restrictions, that's why we're 10 years behind Europe and the third world. Light waves are higher frequency than radio waves, thus your agregate b/w's will always be higher. The restricting feature of fiber as far as our federal government is concerned: less prone to wire-taping. The clipper chip will take care of this...

Andy

5650. Re: Reply to Bob Grove

Newsgroup: rec.radio.scanner
Date: 1994-06-27 15:08:42 UTC
From: domonkos@access.digex.net
Message-ID: <S$j3kiubGEHS067yn@access.digex.net>
Source record: 272501

In article <26JUN94.25128958.0073@UNBVM1.CSD.UNB.CA>,
NADO000 <LNADEAU@UNB.CA> wrote:
> In article <netnewsCrun3u.8Ez@netcom.com> bkobb@newsignals.com (Bennett Z. Kobb) writes:
>
> Ham radio gear in Canada, if one shops carefully, is a little
> cheaper than it is in the US, with the possible exception of Alinco
> products. On the other hand, scanners tend to be a lot more
> expensive. I imported mine from the US. Canada, which is visited by
> millions of Americans every year btw, has no restrictions on
> monitoring cell frequencies, as long as one keeps quiet about what
> one hears.
>
Luis,

Let me get this straight, if an American goes into Canada, he can buy
a cellular capable scanner, and walk back into the states w/it if he
gets away with it thru customs? Unbelievable...

Andy

5651. What is up with garfield.catt.ncsu.edu?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 15:13:00 UTC
From: prt7u@holmes.acc.Virginia.EDU
Message-ID: <Cs2A9o.Bon@murdoch.acc.Virginia.EDU>
Source record: 272506
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Howdy,

I was just wondering why I can't ftp to garfield.catt.ncsu.edu anymore?
That was the only place I knew of that had a lot of frequency lists.
Have they shut this site down? Is there another places that has this
info now? I found a place in germany, but I haven't been able to get
to it.

Any and all info appreciated - Thanks in advance,

Pete Thorsen
--
<>-----------------Peter R. Thorsen Jr. - ITC Unix Systems-----------------<>
<> Information Technology & Communications <>
<> University of Virginia <>
<>------- pete@Virginia.EDU <> thorsen@Virginia.EDU <> 804-982-4690 -------<>

5652. Re: OJ Manhunt Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-06-27 15:45:53 UTC
From: dtiller@cscsun.rmc.edu
Message-ID: <Cs2BsI.6D4@cscsun.rmc.edu>
Source record: 272504

Bud_Jamison@f1010.n202.z1.fidonet.org wrote:

: JWH> There were MANY violations of the UNIFORM CODE 705. Isn't that
: what
: JWH> media is all about though? ..Do not divulge what you hear to
: anyone who JWH> is not a party to it.. ?? How should we interpret
: this law? Obviously JWH> the media circus choked on this one.

: Lets see... Freedom of the Press is in the Constitution, not
: divulging what you hear on a police radio is JUST a law, you tell ME
: which carries more weight...

But the reporters must still themselves follow that law. Just because
there's freedom of the press doesn't give them free reign to obtain
information illegally. They're prevented from wiretapping, etc just
like you and me - why should they be allowed to (illegally) use the scanner?
--
David Tiller | Network Administrator | Voice: (804) 752-3710 |
dtiller@rmc.edu | n2kau/4 | Randolph-Macon College| Fax: (804) 752-7231 |
Brady Law critique removed | P.O. Box 5005 | ICBM: 37d 42' 43.75" N |
due to liberal PC pressure. | Ashland, Va 23005 | 77d 31' 32.19" W |

5653. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 16:45:45 UTC
From: josephl@clark.net
Message-ID: <2umvnp$sra@clarknet.clark.net>
Source record: 272502

Steven Bradley (steven@sgb.oau.org) wrote:
: I'm looking for some opinions on which scanner is considered the best scanner
: available for monitoring cellular phone calls.

ICOM 7000, 7100 and 9000.

--
Joseph A. Liu Capital Associates, Inc. Hunt Valley, MD USA josephl@clark.net

5654. PRO-46 & PRO-51 Cellular.....

Newsgroup: rec.radio.scanner
Date: 1994-06-27 16:57:11 UTC
From: pdennis@vnet.ibm.com
Message-ID: <19940627.125711.213@vnet.ibm.com>
Source record: 272459

I don't recall seeing this here before so I thought I'd post it. If
anyone knows of harm that this can cause please let me know!

Yes, I know that the PRO-51 cannot be modded to get cellular, but
I found out this little tid bit today and want to pass it on. On
BOTH the PRO-46 and PRO-51 you can load a set of test frequencies
one of which is cellular. From this frequency you can manually scan
up and down the cellular region.

NOTES:

1) THIS WILL CAUSE ALL OF YOUR CHANNELS TO BE ERASED!!!!!

2) I do NOT know if any damage may occur by doing this. It was demo'd
to me at a local radio shop (NOT RADIO SHACK) on a PRO-51 and it also
worked on my PRO-46.

Very simply you hold down the 2, 9 and L/O keys while powering on the
unit. It loads thirty frequencies in the banks 1-3. Channel 23
is in the cellular frequency range (888.???) and you can manually
go to channel 23 and then direct scan up and down from there.

Once you scan into the regular scan range of the scanner (894 Mhz or so)
you cannot get back into cellular without manually going to channel 23
and starting over.

```
************************************************************
*Thanks to the Interstate Highway System, it is now possible*
*to travel across the country from coast to coast without *
*seeing anything. --Charles Kuralt `-_-' *
* 'U` *
*ALL STANDARD DISCLAIMERS APPLY, Next time, *
*PDENNIS@VNET.IBM.COM A.K.A. PHIL DENNIS take the train! *
************************************************************
```

5655. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-27 17:04:34 UTC
From: nishri@gpu.utcc.utoronto.ca
Message-ID: <Cs2FFM.5M4@gpu.utcc.utoronto.ca>
Source record: 272503
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

If I understand this thread, the Canadian Government's National Information Highway Advisory Council is considering (or may have already) recommending the criminalization of monitoring of certain radio waves, and banning the importation or manufacture of digital scanners. The current questions are about the existing (pre-recommendation) situation.

In article <2um3rm$833@scapa.cs.ualberta.ca>,
Chris Shaw <cdshaw@cs.ualberta.ca> wrote:
>nishri@gpu.utcc.utoronto.ca (Alex Nishri) writes:
>>Similiarly if I my telephone conversation is carried by wire
>>(coax, fibre, etc.) then that medium is private, even if the telephone
>>company might be government controlled or regulated. However, radio waves
>>are considered public.
>
>People should note that a lot of long distance telephone traffic is
>sent via point-to-point microwave, so it is "public" according to this
>argument. The difference being that you can't buy a cheap box to
>eavesdrop with. Also, the oncoming wave of high-bandwidth telephone
>technology is wireless, which is to say that fibre is now old hat.

I am not sure what you mean by "public". I simply said that I thought that in Canada they could be monitored legally as long as the information wasn't used for personal gain or shared with anyone else. For example, I believe anyone can go to Radio Shack and buy a shortwave radio for under $100 and then use it to monitor ship to shore phone calls legally. Or you can legally listen in to cellular phone calls by tuning your old TV set around channel UHF 83. Perhaps someone with more knowledge of the law can clarify these legal issues.

Actually another question I have is what does current Canadian law say about decoding satellite TV (such as pay-per-view, CNN, etc) without paying? I thought it was illegal. If so, under what law, and why can this not be extended to other services?

>
>Anyway, this could probably be fixed with appropriate encoding.

I agree--If its my cellular phone (or general wireless) communication, I would rather rely on tilting the encryption versus cost balance in favour of the former--keeping in mind that those with enough money (e.g. governments, large corporations, crooks, etc) will always be able to listen in.

5656. Weather Satellites?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 17:15:41 UTC
From: adammot@io.org
Message-ID: <2un1ft$d6i@ionews.io.org>
Source record: 272516

I have an old RS Pro-34 Handheld scanner.

I am interested in picking up the weather satellites that broadcast in the VHF band (aren't they around 135-145 Mhz)?

What I need to know is what kind of antenna I need to pick these up. Any pointers or plans would be appreciated.

Thanks.

5657. Uniden 890XLT- Any Reviews/Mods/Opinions?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 17:53:31 UTC
From: tbohr1@ed8751.pto.ford.com
Message-ID: <2un3mr$l61@ef2007.efhd.ford.com>
Source record: 272505

I was just wondering if anyone had any reviews/opinions/mods for the Uniden BC890-XLT. I've seen an 890-XLTJ advertised also. Is there any difference between the two?

Are any mods published & available on the FTP sites yet?

I know it is cellular restorable, but once this is done, are the steps in the proper 30Khz spacing?

I'm looking to buy this model and return my RS PRO2032 before Radio Shacks "30 day tryout" period is elapsed.

Thanks for any info.

Tim Bohr

5658. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-27 18:07:28 UTC
From: gould@bnr.ca
Message-ID: <GOULD.94Jun27140728@bmtlh539.bnr.ca>
Source record: 272507
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

In article <2um3rm$833@scapa.cs.ualberta.ca> cdshaw@cs.ualberta.ca (Chris Shaw) writes:
> nishri@gpu.utcc.utoronto.ca (Alex Nishri) writes:
> >Similiarly if I my telephone conversation is carried by wire
> >(coax, fibre, etc.) then that medium is private, even if the telephone
> >company might be government controlled or regulated. However, radio waves
> >are considered public.
>
> People should note that a lot of long distance telephone traffic is
> sent via point-to-point microwave, so it is "public" according to this
^^^^^^^^^^^^^^

Point to point microwave may use the upper radio-frequency bands to
transmit information but it is NOT *public*. Point to point means
just that: It isn't broadcast into the homes and workplaces of
everybody within an X km radius. Because of this, it is a private
information medium and not subject to the same types of
regulation. (Two "side by side" microwave reciever/transmitters may
use the same carrier frequency with interfering with each other.)

> argument. The difference being that you can't buy a cheap box to
> eavesdrop with. Also, the oncoming wave of high-bandwidth telephone
> technology is wireless, which is to say that fibre is now old hat.
> Anyway, this could probably be fixed with appropriate encoding. --
> Chris Shaw University of Alberta cdshaw@cs.UAlberta.ca CatchPhrase:
> Bogus as HELL ! http://www.cs.ualberta.ca/~cdshaw

It's not the bandwidth that makes the difference, it is the method of
transmission. The important distinction is "Is it broadcast, or is it
sent?", AM, FM, shortwave, cellular phones... all (at some point)
are broadcast. Mail, point-to-point microwave, (most) satelite
signals, fibre-optics... are sent to only the intended recievers.

Now, a particular broad-band media service may be declared to be
"public". Internet, and possibly the currently evolving "Information
Superhighway" are examples of this. But that is different story
altogether...

Cheers,

Doug

/* My opinions are not necessarily aproved of by BNR. */
--
Doug Gould - (BNR Montreal)

5659. Re: Controlling Pro2006 with a Mac

Newsgroup: rec.radio.scanner
Date: 1994-06-27 18:26:56 UTC
From: djh@shell.portal.com
Message-ID: <2un5lg$7fo@news1.svc.portal.com>
Source record: 272510

On Fri, 24 Jun 1994 00:46:57 GMT, Lindy Williams wrote:
> Does anyone know of a program that will permit controlling Pro2006 with a
> Mac. All I have ever seen advertised is for IMB compatible.

I just spoke to OptoElectronics (The Makers of the OptoScan 456) and
they tell me that they have someone working on a Mac based S/W for the
board. So all us Mac uses will soon be able to control our 2005/6's..

I am also told that the interface is RS232, so basically any Computer
can control your scanner. You just need to write an interface for it.

Rgds, Darryl

--
Darryl Harvey | Webster Computer Corporation
Email: djh@shell.portal.com | 2109 O'Toole Ave, Suite J
Phone: (408) 954 8054 | San Jose, CA 95131-1338
Fax: (408) 954 1832 | U.S.A.

5660. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-27 18:39:19 UTC
From: cdshaw@cs.ualberta.ca
Message-ID: <2un6cn$5q2@scapa.cs.ualberta.ca>
Source record: 272508
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

domonkos@access.digex.net (andy domonkos) writes:
>In article <2um3rm$833@scapa.cs.ualberta.ca>,
>> Also, the oncoming wave of high-bandwidth telephone
>> technology is wireless, which is to say that fibre is now old hat.
>>
>> Anyway, this could probably be fixed with appropriate encoding.
>> --
>> Chris Shaw University of Alberta
>> cdshaw@cs.UAlberta.ca CatchPhrase: Bogus as HELL !
>> http://www.cs.ualberta.ca/~cdshaw

>Chris,

>Fiber, old hat? Fiber still has greater b/w than microwaves.

Yes. Fibre is getting to be old hat at the bleeding edge of technology,
and digital wireless is the new R&D interest. Fibre has the significant
disadvantages that you must string it over difficult terrain and that it
can be cut. This is what my telco friends tell me, anyway.

I think there are better reasons than the NSA for the reletive
non-proliferation of fiber in the USA, like the large installed base of
copper and/or microwave, and "deregulation" in the 80's.

>The clipper chip will take care of this...
>Andy
--
Chris Shaw University of Alberta
cdshaw@cs.UAlberta.ca CatchPhrase: Bogus as HELL !
http://www.cs.ualberta.ca/~cdshaw

5661. Re: Monitor Times (Where can I get it)

Newsgroup: rec.radio.scanner
Date: 1994-06-27 19:24:12 UTC
From: powell@unislc.slc.unisys.com
Message-ID: <1994Jun27.192412.13674@unislc.slc.unisys.com>
Source record: 272514
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Darryl Harvey (djh@shell.portal.com) wrote:
: Can anyone in the San Jose Bay Area tell me where I can find a source
: for Monitor Times? I have looked all over the place with no luck..
: (Maybe they were just out of stock, but I have had no luck)

I don't know what you mean by "all over". Have you
tried any of the amateur radio supply stores in your
area? I get my copy of Monitor Times at CPI, which
is our local store.

--
| |
| Clyamseuq marhs! | Frank PoWell
/ \ El es ual wilojskysecot. | powell@slc.unisys.com
|

5662. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 19:35:40 UTC
From: steven@sgb.oau.org
Message-ID: <Cs2MFH.54r@sgb.oau.org>
Source record: 272425

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:

: You may disagree, I may disagree, many may disagree, but the law is the law,
: like it or not. It is inappropriate--some might say dangerous to the continued
: existence of the newsgroup--for a cadre of individuals to use USENET to
: admit publicly to flouting the law and imply others do likewise.

: If this is a flame, it is a flame against the position, not against the poster.

In response, I will simply say -- distribution of information on how to monitor, where to monitor, what frequencies to use, what equipment you use, where you can purchase it, makes no legal difference. It is the actual act of application by the user that is the violation, not the information on how to do so. Call it flouting if you want, it is 100% legal to talk about it -- how a person uses the information is another story -- and its also 100% legal to own and possess such equipment.

If you think there could be something wrong here, you have obviously never visited alt.2600. Try it sometime, every known method of making a red box to a tunable cellular telephone can be found there, and many more questionable how to's, its like the darkside of the telecom area.

Steven

5663. Re: What is up with garfield.catt.ncsu.edu?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 19:35:48 UTC
From: sehrlich@dogbert.dac.neu.edu
Message-ID: <2un9mk$8iv@dogbert.dac.neu.edu>
Source record: 272509
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <Cs2A9o.Bon@murdoch.acc.virginia.edu>,
Peter R. Thorsen Jr. <prt7u@holmes.acc.Virginia.EDU> wrote:
>
>Howdy,
>
>I was just wondering why I can't ftp to garfield.catt.ncsu.edu anymore?
>That was the only place I knew of that had a lot of frequency lists.
>Have they shut this site down? Is there another places that has this
>info now? I found a place in germany, but I haven't been able to get
>to it.
>
>Any and all info appreciated - Thanks in advance,
>

Something you may wish to try:

If you are trying to FTP into a machine (i.e. garfield) and get rejected,
replace the machine name with 'ftp' (i.e. ftp.catt.ncsu.edu).

This way, if the ftp site moves from one machine to another, 'ftp' will
mask the machine name, and you will not have to keep track of what
machine it is on.

ftp.catt.ncsu.edu works.

>Pete Thorsen
>--
> <>-----------------Peter R. Thorsen Jr. - ITC Unix Systems-----------------<>
> <> Information Technology & Communications <>
> <> University of Virginia <>
> <>------- pete@Virginia.EDU <> thorsen@Virginia.EDU <> 804-982-4690 -------<>

--
Scott Ehrlich, Amateur Radio Callsign: wy1z
How to reach me: wy1z@neu.edu [Internet], wy1z@wa1phy.ma [Packet]
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio
Boston ARC Web page: http://www.acs.oakland.edu/barc.html

5664. ANTENNA SUGESTIONS

Newsgroup: rec.radio.scanner
Date: 1994-06-27 19:50:05 UTC
From: prynda@esu.edu
Message-ID: <2unahd$gho@jake.esu.edu>
Source record: 272511

I am in the market for an outdoor antenna for my scanner. I
would like to know if anyone has any suggestions. There are two models at
radio shack for about 50-60 dollars, also I saw some units in Grove and
Tucker for sale. Also what is the best cable to run between the antenna
and the scanner. (which size) The total length would be around 60 feet.
Thanks for the info.

Sam Prynda
East stroudsburg

5665. Re: Cell phone Laws are bogus!!

Newsgroup: rec.radio.scanner
Date: 1994-06-27 20:04:00 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2unbbg$9pt@dancer.cc.bellcore.com>
Source record: 272389

In article <devilCrwEqw.F9D@netcom.com>,
Tom McWilliams <devil@netcom.com> wrote:
> I have'nt heard of any case in which these recent laws have
>been tested (ie: the scanner police break in to your home and
>start scanning your
>scan banks) but, if any case arises, I hope that the defense points out one
>interesting fact about Cell phones...
>You can scan cells with your old UHF TV!

Nothing in the current law (ECPA or otherwise) makes it
illegal to have the cellular frequencies programmed into
your scanner. The law prohibits listening to cellular
frequencies...and having cell frequencies programmed in
your scanner wouldn't (IMHO) ever be enough evidence to
convict anyone of actually listening to cellular.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

5666. Re: BC200XLT mobile? wire to 12v?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 20:07:40 UTC
From: jadantin@ndlc.occ.uky.edu
Message-ID: <2unbic$7c6@ndlc.occ.uky.edu>
Source record: 272512

Travis A. Wise (twise@shell.portal.com) wrote:
: I have a fairly small car, and am interested in putting a scanner in
: my car. I like the BC200XLT because of its range and because it is
: small and portable...but can I wire it to 12v so that I don't have to
: keep worrying about the battery?

Grove Enterprises sells a cord for *exactly* this application. It's
around $10.
--
Jim Dantin jadantin@ndlc.occ.uky.edu
Sailing (or wishing to be) on Kentucky Lake in "Serendipity", a Hunter 27.

5667. Re: BC200XLT mobile? wire to 12v?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 20:25:20 UTC
From: "Ben D. Hernandez" <b_hernandez@macsch.com>
Message-ID: <Cs2oq9.Kp4@draco.macsch.com>
Source record: 272513

Subject: BC200XLT mobile? wire to 12v?
From: Travis A. Wise, twise@shell.portal.com
Date: 26 Jun 1994 17:47:24 GMT
In article <2ukevc$4e5@news1.svc.portal.com> Travis A. Wise,
twise@shell.portal.com writes:
> I have a fairly small car, and am interested in putting a scanner in
>my car. I like the BC200XLT because of its range and because it is
>small and portable...but can I wire it to 12v so that I don't have to
>keep worrying about the battery?

Yes you can Travis, call Uniden at 800-297-1023 and ask them for the auto
adapter for your unit. Happy scanning!
-Ben

5668. Penske unscrambles at Portland

Newsgroup: rec.radio.scanner
Date: 1994-06-27 20:40:56 UTC
From: mrosneck@wv.mentorg.com
Message-ID: <2undgo$6vq@hpcan240.mentorg.com>
Source record: 272517
Cross-posted to: rec.radio.scanner,rec.autos.sport

The Oregonian newspaper reported today that the Penske radio transmissions were unscrambled for the Portland GI Joe's 200. "When Roger Penske decided to scramble his Marlboro Team Penske signals this year, he received so many letters of complaint the scrambling was finally stopped in Portland."

Unfortunately, I believed the folks at the scanner rental booth who said that Penske was still scrambling so I never bothered to program the frequencies into my scanner. There are probably multiple lessons to be learned here. Double darn.

Regards,

Mark

mark_rosneck@mentorg.com

5669. Re: USAir says 'NO' to scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-27 21:16:01 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Cs2r2p.6r2@freenet.carleton.ca>
Source record: 272515

In a previous article, billn@hpcvaac.cv.hp.com (bill nelson) says:

>ericd@pacifier.rain.com (Eric Dahlquist) writes:
>: the case, but another story.) The flight attendant came back and said
>: "They are on 128.55, but you can't use that on this flight," and the
>: reasoning behind it was that it had a VOR in it. (I know that VOR stands
>: for VHF Omni-directional Range finder, but I didn't tell her this). I
>
>This was a bogus claim. ALL commercial aircraft have VOR receivers, and
>they use them so that they can follow the airways. (with required deviations
>as directed by inflight services)
>
>That flight was no different than any other.
>
>However, the pilot is in charge. He/she is totally free to prohibit any
>such electronic equipment, even if the company policy states otherwise.
>
The pilot IS IN CHARGE! and any electronic can cause interference to the
nav systems. The VOR antenna of most airliners is on the tail of the a/c.
This restriction applies to a wide variety of electronic equipment such
as laptop computers, radios, scanners and cell phones amongst others. The
Flight Attendant probably was told that the scanner could cause interference
to the a/c VOR equipment, she probably misquoted the Captain. Personally
I am a avid scanner fan....BUT I would rather forego using my scanner on
an a/c if it was going to cause a problem...I would suggest if you don't
like this restriction, you can take the train! (grin)

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

5670. Re: USAir says 'NO' to scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-27 21:16:59 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Jun27.211659.17815@alw.nih.gov>
Source record: 272522

Andy Domonkos (domonkos@access.digex.net) wrote:
: Scott,

: The scanner can actually interfere w/navigation and comm systems on board.
[edited]

From what I've read, newer planes such as the Airbus A320 and the
Boeing 777 have computerized flight controls, too. Yeah, messing up
navigation would be bad, but sending the plane into a nose-dive would be
a real bummer.

--neil

5671. Re: Question

Newsgroup: rec.radio.scanner
Date: 1994-06-27 21:22:11 UTC
From: dbashaw@synoptics.com
Message-ID: <Cs2rD0.87E@synoptics.com>
Source record: 272518

Bud_Jamison@f1010.n202.z1.fidonet.org Wrote:
BJ:First, did you try entering any OTHER number beside the one you were
BJ:really using? I suspect ANY number would get the same sales pitch.
Nope. Just called from my home phone. What worried me was the voice on
the other end repeating my home phone number back to me.

BJ:Second, no residential or normal business phone in Ca. can receive the
BJ:Caller-ID code, it just is NOT transmitted.
Thats fine with me. But if its not xmitted then how did they get
my home phone #? If 800 and such numbers receive them then its time to
shut off the phone and just use snail mail. I get TONS of crap mailings
but at least they dont ring bells when they arrive!
CID should go the way of the deamon dialer.

DB

5672. Re: CNN & cellphone scann

Newsgroup: rec.radio.scanner
Date: 1994-06-27 21:27:36 UTC
From: dbashaw@synoptics.com
Message-ID: <Cs2rM0.893@synoptics.com>
Source record: 272519

Bill Sohl (K2UNK) BELLCORE wrote:
>One item mentioned recently was that the fleeing vehicle was described
>over the radio and several people called the police with their cell
>phones and reported the location of the white bronco as they drove
>in close proximity to it or if it had passed them on the highway.
This may not be scanning related, but I saw the video of the Bronco too.
Why did it take an army of patrol cars following this guy? Wouldnt two
or three have been plenty? Looked more like a light show at a disco
than a car chase!

DB

5673. Re: DANGER the government wants you blind d

Newsgroup: rec.radio.scanner
Date: 1994-06-27 21:43:18 UTC
From: dbashaw@synoptics.com
Message-ID: <Cs2sC7.8Do@synoptics.com>
Source record: 272520

Doug Gould - (BNR Montreal) wrote:
>It's not the bandwidth that makes the difference, it is the method of
>transmission. The important distinction is "Is it broadcast, or is it
>sent?", AM, FM, shortwave, cellular phones... all (at some point)
>are broadcast. Mail, point-to-point microwave, (most) satelite
>signals, fibre-optics... are sent to only the intended recievers.
You mean one microwave dish broadcasting to another is not public? Even
if said microwaves whiz past my location? How about sat bcasters? A friend just scraped
together a sat receiver system and gets a lot of free broadcasts.
Just my opinion, but if it uses the ether to get from one place to another
its a broadcast and its free. I refuse to by decoders though.

DB

5674. VHF marine frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-27 21:52:18 UTC
From: cvm@nauvax.ucc.nau.edu
Message-ID: <27JUN94.21521896@nauvax.ucc.nau.edu>
Source record: 272524

I am looking for a listing of frequencies used for VHF marine and a description
of what each of the channels is used for.

-- Chris

Chris Michels -- Systems Programmer Chris.Michels@nau.edu
Northern Arizona University -- Flagstaff, AZ cvm@nauvax.ucc.nau.edu
Phone: (602) 523-6495 cvm@nauvax.bitnet
"It's the end of the world as we know it, and I feel fine" -- R.E.M.

5675. Skip

Newsgroup: rec.radio.scanner
Date: 1994-06-27 22:37:56 UTC
From: phyllis@clark.net
Message-ID: <2unkc4$3ae@clarknet.clark.net>
Source record: 272521

Today as I was listening to the scanner I heard 2 strange frequencies
that I had not heard before. One was 35.37 and the other was 35.43. It
sounded like it could have been a police frequency but I have no way of
knowing as it was broadcast in a language that I had never heard before-
It wasn't Spanish or French. They were both females and the signal was
loud and clear! I also herad a petroleum co in Kentucky on 30.700.
I had a very interesting morning !
Phil

5676. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-27 23:24:39 UTC
From: AArnold@gsb-lira.stanford.edu
Message-ID: <270694161636@GSB-Lira.stanford.edu>
Source record: 272523
Cross-posted to: can.infohighway,rec.radio.scanner,comp.dcom.telecom.tech

Jim Grant (among others) wrote...[deleted]

See me...Feel me...Touch me...Heal me...
Listening to you, I get opinions;
I get excitement at your freq!

From the subject, I just couldn't resist :)
Feel free to resume serious discussion.

5677. Re: Question

Newsgroup: rec.radio.scanner
Date: 1994-06-27 23:25:57 UTC
From: kentfitz@minerva.cis.yale.edu
Message-ID: <1994Jun27.232557.28242@news.yale.edu>
Source record: 272428

David Bashaw (dbashaw@synoptics.com) wrote:

: Thats fine with me. But if its not xmitted then how did they get
: my home phone #? If 800 and such numbers receive them then its time to
: shut off the phone and just use snail mail. I get TONS of crap mailings
: but at least they dont ring bells when they arrive!
: CID should go the way of the deamon dialer.

In my last phone bill was a leaflet on Caller ID that warned that my number may be available to the receiving party if I call 700, 800, or 900 numbers. I believe that this has always been the case, long before Caller ID was generally available. Also, this info cannot be blocked by Caller ID blocking.

Ain't no such thing as a free phone call!

Kent

5678. Re: New Radio Shack mag: Radio!

Newsgroup: rec.radio.scanner
Date: 1994-06-27 23:35:40 UTC
From: glyle@thor.seas.ucla.edu
Message-ID: <1994Jun27.233540.8226@enterprise.rdd.lmsc.lockheed.com>
Source record: 272431

In article <2ue0jb$ja8@nyx10.cs.du.edu>, lthomas@nyx10.cs.du.edu (Layne Thomas) writes:
|> >My local Radio Shack did not have the mag last time I checked. They
|> >claim that they have to buy a minimum number of copies and don't
|> >think they can sell all of them. Everyone's complaining about the
|> >ads-I can't even get a copy to evaluate.
|>
|>
|> Ah, the infamous "they should give it free" magazine. Where
|> everyone thinks just because they have their own ads in there it should
|> be free. It sound like the radio shack you went to is not a company owned
|> store but a privately owned one. In company owned they are automatically
|> sent them so try another Radio Shack.
|>
|> btw. has anyone tried that new dsp sound filter thing they just got in? I
|> think it's 79.99.
|>
|> -Layne
|>
|>

We had one of these at Field Day saturday. Seemed to quiet noise and
make SSB signals more readable. Didn't get a chance to play with it
too much as I was kinda busy saying "CQ Field Day" a few thousand
times! :-)

George, N7TNJ

5679. Re: What is up with garfield.catt.ncsu.edu?

Newsgroup: rec.radio.scanner
Date: 1994-06-27 23:52:44 UTC
From: jwh@kaiwan.com
Message-ID: <2unooc$c9r@kaiwan.kaiwan.com>
Source record: 272426
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Try FTP.CATT.NCSU.EDU

Directory: /pub/hamradio/scanner

--
: ONE STOP TECH SHOP BBS * (310) 421-6766 * 24 Hours * USR 14.4 DS * 8/N/1 :
: Ham Radio * Scanners * Shortwave Listening * CAD/CAM/CAE * Satellites :
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: Call and share your interests & knowledge with others! :

5680. Re: Pro 43 carry case

Newsgroup: rec.radio.scanner
Date: 1994-06-28 00:05:42 UTC
From: john@aio.jsc.nasa.gov
Message-ID: <2unpgm$her@pendragon.jsc.nasa.gov>
Source record: 272427

I was also concerned about protecting the casing of my new PRO 43 scanner. I went to the local fabric store, bought some black vinyl and made a case. I made cut outs in the case so the display would be visible, and hte keyboard accesible. I installed a clear plastic material over these cut outs so the display and keyboard would be protected. I'm not a professional sewer by any means, but the end result was pretty good.

john@sailsun.jsc.nasa.gov
john@aol.com

5681. USAir says 'NO' to scanne

Newsgroup: rec.radio.scanner
Date: 1994-06-28 01:14:56 UTC
From: JEFF.KELLEY@sable.com
Message-ID: <C34EC376@sable.com>
Source record: 272183

SC>Hello. I have seen posts here before regarding scanners on aircraft. On
SC>a recent flight from Philadelphia to Indianapolis, I asked the USAir flight
SC>attendent to check with the captain about using my scanner at cruising
SC>altitude to listen to fire and EMS broadcasts. He came back and said 'NO'.
SC>I was displeased, but understanding. Is this a company-wide thing or just
SC>the preference of this USAir pilot?

Scott,
Many electronic devices such as scanners, CD players, cellular
phones, etc... disrupt the instruments used by aircraft such as
radar and other things that are kind of important for an
airplane to have.

Jeff Kelley
-jeff.kelley@sable.com

* OLX 2.1 * Mental Floss prevents Moral Decay.

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5682. Scanner database

Newsgroup: rec.radio.scanner
Date: 1994-06-28 01:14:57 UTC
From: JEFF.KELLEY@sable.com
Message-ID: <D68F61B2@sable.com>
Source record: 272184

SC>The program is written in C and uses the dB_Vista libraries for the database
SC>portion of the program (I HATE dBASE, FOXPRO, etc.). This method gives
SC>much
SC>less overhead and faster execution.

SC>If anyone wants any more info please e-mail me and I'll put together a more
SC>detailed list of features. I'm planning on releasing this as shareware once
SC>I
SC>have it completed and documented. Right now I have approximately 1100
SC>frequencies
SC>in the database and 2 scanners (I use a PRO-2006 and a PRO-34).

SC>| Scott Richardson |
SC>| scott@redstorm.nawc-ad-indy.navy.mil |
SC>| 72237.2420@compuserve.com |

Scott,
I am in great need of a program that will store my frequencies
like that. Could you let me know when you finish the program so
I can make sure I'll get a copy some how.

Thanks,

Jeff Kelley
-jeff.kelley@sable.com

* OLX 2.1 * All wiyht. Rho sritched mg kegtops awound?

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5683. Re: Cell phone Laws are bogus!!

Newsgroup: rec.radio.scanner
Date: 1994-06-28 01:41:14 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-270694173559@m12112.esl.com>
Source record: 272432

In article <devilCrwEqw.F9D@netcom.com>, devil@netcom.com (Tom McWilliams)
wrote:

> Yeah, so much for the people controlling the government. The phone
> companies with all their lobbying power (money) managed to, for the first time,
> re-write the FCC's long time poilicy in which the airwaves are free to be
> monitored. Well, I have'nt heard of any case in which these recent laws have
> been tested (ie: the scanner police break in to your home and start scanning your
> scan banks) but, if any case arises, I hope that the defense points out one
> interesting fact about Cell phones...
> You can scan cells with your old UHF TV!
> Yes it is fact, every American can now listen in to Cell phone conversations
> to their heart's content. Simply tune to UHF (not cable!) channel 80-83.
> All 3 of my TV's can monitor the Cells, and my Misubishi with digital tuning
> can even pull out a single conversation with the touch of a button. Yeah,sure
> sometimes it gets kinda hard to isolate 1 conversation with the TV's wide band
> reception, but if your cells are not too crowded it's no problem.

You misunderstand the intent of the law. The law was created to placate
the cellular telephone users, that heard that their conversations could
be listened in on. Now they can feel secure in the knowledge that it is
illegal, so therefore their conversations are safe from prying ears. The
cellular industry doesn't give a rats ass if anyone is actually listening,
as long as they can convince their customers to *FEEL* secure and revenues
aren't affected. The law was created to give the impression of security,
and that is all that is required from the law. Now that you can't buy a
radio that can receive cellular band, cell phone users are happy. The
fact that it will always be possible to modify a radio to pick up cell
calls until they go to some sort of a keyed encryption system isn't
germane to the issue. Ignore the man behind the curtain and everything
will be OK. It will remain so, as long as profits aren't affected.
Well I'm down off my soap box now.

Good listening
MAD

The opinions expressed here are | Covering 100KHz to 2GHz contigous.
my own but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

5684. Re: Reply to Tim Dobbins

Newsgroup: rec.radio.scanner
Date: 1994-06-28 01:43:42 UTC
From: steven@sgb.oau.org
Message-ID: <Cs33Gv.6HC@sgb.oau.org>
Source record: 272445

bill nelson (billn@hpcvaac.cv.hp.com) wrote:
: steven@sgb.oau.org (Steven Bradley) writes:
: :
: : Sounds like Grove Enterprises sees some potential sales problems
: : ahead with an invasion of imports.. oh well (here, borrow my hanky).
: : I'd recommend you start lobbying to get the cellular ban reversed
: : since it not "could" but "will" affect your business activity sooner
: : or later... I think Opto Electronics helped you out -- as I read a
: : rumour you were going to carry the Opto-456 which can override the
: : cellular CPU lockout when under computer control.
: :
: : Thankfully, the FCC has NO jursdiction over the capabilities of
: : personal computer software distributed on disk!!!

: No, but they could consider that to be "readily capable of modification".
: The interpretation is left up to the FCC. As such, they could remove the
: certification of the 456, and will - if there is enough noise made about
: it. I suggest that Grove and Opto tread very softly here - or we will
: lose yet another scanner.

That would be true except as a class b computing device, none of
the cellular trash-like rules apply. It is NOT a scanner capable
of four or more channels. On its own, it is also NOT a receiver.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5685. Re: balloon tragedy in Illinois

Newsgroup: rec.radio.scanner
Date: 1994-06-28 02:07:04 UTC
From: domonkos@access.digex.net
Message-ID: <U1W3kiubGs0O067yn@access.digex.net>
Source record: 272433

In article <Cs29no.6zM@cbnewse.cb.att.com>,
srbeckle@cbnewse.cb.att.com (steven.r.beckle) wrote:
> I read this group all the time and wondered what the
> excitement would be in monitoring hot air balloon traffic
> until Saturday when I heard the Geneva, IL police say
> that the Maxwell House Coffee balloon was in trouble.
> There was a festival launch Saturday morning and the balloon
> hit some wires while landing. The crew got dumped 30 feet
> to the ground and the balloon went another 7 miles unmanned
> with its propane tanks burning until it crashed into some
> trees. I just heard the police side of it, but can imagine
> that listening to the crew would have been "exciting" to
> say the least.
>
> The crew is expected to recover from their broken bones.
>
> Kinda gives new meaning to the Maxwell House slogan "Good
> to the last drop".
>
>
> Steve Beckle
> s.r.beckle@att.com
> AT&T Bell Laboratories

Someone said the last thing they heard was 'aaaaaaahhhhhhhhhhh....'

Andy

5686. Re: Pro 43 carry case (where can I buy one in Ontario?)

Newsgroup: rec.radio.scanner
Date: 1994-06-28 02:46:33 UTC
From: jlw3@cec3.wustl.edu
Message-ID: <2uo2u9$6so@bigfoot.wustl.edu>
Source record: 272434

James M. Ziogas (jimz@infinet.com) wrote:
: Radio Shack sells a leather-ette pouch type case that works well with the
: '43. It doesn't give access to the keypad, but the belt loop is securely
: fastened. I've got one, and it cost about 10 bucks. Sorry, I don't have
: the part number, but it should be VERY common.

He hee... don't mean to be offensive here, but I saw someone wearking one of them--it looked soooo funny! I guess it could have been the RS sales person who looked funny, but I got the impression he was trying to impress the customers by carrying the ht/scanner on his belt. Hmmm. . .I don't remember seeing any antenna sticking out though. I actually looked at the case that my local store had and it was obnoxiously large and awkward looking (IMHO). If I were to get a case, I would probably buy one the next time I go to a ham fest. The ones you find there look a lot more professional.

--jesse

5687. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-28 03:25:03 UTC
From: domonkos@access.digex.net
Message-ID: <KyZ3kiubGgWF067yn@access.digex.net>
Source record: 272435
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

In article <2un6cn$5q2@scapa.cs.ualberta.ca>,
cdshaw@cs.ualberta.ca (Chris Shaw) wrote:

> I think there are better reasons than the NSA for the reletive
> non-proliferation of fiber in the USA, like the large installed base of
> copper and/or microwave, and "deregulation" in the 80's.
>
> >The clipper chip will take care of this...
> >Andy
> --
> Chris Shaw University of Alberta
> cdshaw@cs.UAlberta.ca CatchPhrase: Bogus as HELL !
> http://www.cs.ualberta.ca/~cdshaw

My company was pushing the fiber issue along w/the rest of the fiber
competition and the attornies (yes, lobbies) found that the Fed Govt
was the main blockade, not the copper issue as was popularly believed.

Modern cable is encased in kevlar jackets, which in turn is encased in
a jacket suited for the particular environment (in Hawaii, our installation
was wreaked by rats which had a taste for the jacket we use at the time).
As a matter of physics, light is at a much higher freq than RF, yes?
The total b/w's will always be higher. Microwave is the least expensive
but unfortunately is b/w limited and freq's are becoming cluttered. Now that
there are alternative methods for tapping f/o comm's, f/o installation
is happening. Maryland is wired for single mode f/o thanks to the cable
companies and the teleco's are planning to lease b/w's from them. NJ's
been wired for years now and have been implementing some of the best
performance protocols to date. The next hold up here is the industry
is waiting for the US Gov to cut the checks to fund the 'Info Highway',
we'll see how long that takes...

Andy

5688. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-28 03:25:24 UTC
From: domonkos@access.digex.net
Message-ID: <35a3kiubG2KB067yn@access.digex.net>
Source record: 272437

In article <270694161636@GSB-Lira.stanford.edu>,
AArnold@gsb-lira.stanford.edu (AArnold) wrote:
> Jim Grant (among others) wrote...[deleted]
>
> See me...Feel me...Touch me...Heal me...
> Listening to you, I get opinions;
> I get excitement at your freq!
>
> From the subject, I just couldn't resist :)
> Feel free to resume serious discussion.

Bobbabooey....

5689. radio shack pro-42

Newsgroup: rec.radio.scanner
Date: 1994-06-28 03:27:52 UTC
From: Derle.Paxton@f31.n147.z1.centar.nova.com
Message-ID: <772868794.AA00265@centar.nova.com>
Source record: 272334

hi everyone, does anyone know oof any mods for the rat shack pro-42 scanner?
any and all mods...the most wanted one is a mod for the 800mhz "business"
band.
thanks all, and if you know anyone who does mods on them let me know! thanks!

5690. Cell Phone Hand-off

Newsgroup: rec.radio.scanner
Date: 1994-06-28 03:30:32 UTC
From: dwhansen@panix.com
Message-ID: <2uo5go$909@panix.com>
Source record: 272436

Question:
When a cell phone hands the call off to another cell, how can I tell which new frequency the call was handed off to. More clearly, can I decode the data portion and follow the call without having to scan for the caller's voice on other frequencys. The cost of such a system is not an issue, I am interested in HOW I might go about this.

Thanks... David W. Hansen
dwhansen@panix.com

5691. Re: VHF marine frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-28 03:32:01 UTC
From: strech1@aol.com
Message-ID: <2uo5jh$2cn@search01.news.aol.com>
Source record: 272441

In article <27JUN94.21521896@nauvax.ucc.nau.edu>,
cvm@nauvax.ucc.nau.edu (Chris Michels) writes:

>>I am looking for a listing of frequencies used for VHF marine and a
description
>>of what each of the channels is used for.

Message-Id: <26SEP199310482172@erich.triumf.ca>

Channel 16 (distress and calling) will be quiet, except when pleasure
boats are
active. Commercial vessels rarely use it except to make "safety"
broacasts as
they approach narrow channels, etc.

Commercial vessels will normally communicate with a Vessel Traffic
Management
Center, reporting their position and intentions at specified
calling-in points.
Traffic will then tell them what other vessels they should expect to
meet.
Vancouver Traffic uses channels 11 and 12 locally, and Seattle
Traffic uses 5A
in Puget Sound.

Marine VHF channel frequencies and usage

Chan Ship Tx Ship Rx Area Use

---
01 156.050 160.650 IC Ship/shore - telephone
02 156.100 160.700 IC Ship/shore - telephone
03 156.150 160.750 IC Ship/shore - telephone
04 156.200 160.800 I Ship/shore - telephone
04A 156.200 C Canadian Coast Guard - authorized
stations
05 156.250 160.850 I *Ship/shore - telephone
06 156.300 Intership - Safety
07 156.050 160.650 *Ship/shore - telephone
07A 156.350 Intership-Ship/shore - commercial
08 156.400 Intership - commercial
09 156.450 Intership-Ship/shore
10 156.500 Intership-Ship/shore - commercial
11 156.550 Vessel Traffic Management
12 156.600 Vessel Traffic Management
13 156.650 Bridge to bridge - 1 watt - Safety of

Nav.
14 156.700 Vessel Traffic Management
15 156.750 EPIRB Buoy
16 156.800 International Distress/Safety/Calling
17 156.850 Pilotage - vessel docking/manoeuvers
18 156.900 161.500 I *Port Operation
18A 156.900 Intership-Ship/shore - commercial
19 156.950 161.550 I *Port Operation
19A 156.950 *Port Operation
20 157.000 *Port Operation
21 157.050 161.650 I *Port Operation
21A 157.050 A US Coast Guard - authorized stations
21B 161.650 C Canadian Coast Guard - Weather
Broadcasts
22 157.100 161.700 I *Port Operation
22A 157.100 CA US/Canadian Coast Guard - Public
Working Freq.
23 157.150 161.750 IC Ship/shore - telephone (in Canada)
23A 157.150 *Port Operation (USCG)
24 157.200 161.800 Ship/shore - telephone
25 157.250 161.850 Ship/shore - telephone
26 157.300 161.900 Ship/shore - telephone
27 157.350 161.950 Ship/shore - telephone
28 157.400 162.000 Ship/shore - telephone

60 156.025 160.625 IC Ship/shore - telephone
61 156.075 160.675 I *Ship/shore - telephone
61A 156.075 C Intership-S/S - Can. Coast Guard
Private
62 156.125 160.725 I *Ship/shore - telephone
62A 156.125 C Intership-S/S - Can. Coast Guard
Private
63 156.175 160.775 I *Ship/shore - telephone
63A 156.175 C Intership-Ship/shore - commercial
64 156.225 160.825 IC Ship/shore - telephone
65 156.275 160.875 I *Ship/shore - telephone
65A 156.275 CA Port Operation (Canadian Coast Guard
Private)
66 156.325 160.925 I *Ship/shore - telephone, Port
Operation
67 156.375 Intership-Ship/shore
68 156.425 Intership-Ship/shore - non-commercial
69 156.475 Intership-Ship/shore
70 156.525 Digital Selective Calling - Distress
and Safety
71 156.575 Vessel Traffic Management
72 156.625 Intership
73 156.675 Intership-Ship/shore
74 156.725 Vessel Traffic Management
(75 and 76 not used)

77 156.875 Pilotage - vessel docking/manoeuvers
78 156.925 161.525 *Port Operation
78A 156.925 Intership-Ship/shore - commercial
79 156.975 161.575 I *Port Operation
79A 156.975 Intership-Ship/shore - commercial
79B 161.575 C Commercial Fishing - Receive only
80 157.025 161.625 I *Port Operation
80A 157.025 Intership-Ship/shore - commercial
81 157.075 161.675 I *Port Operation
81A 157.075 A *Port Operation (USCG)(CCG
anti-pollution)
82 157.125 161.725 I *Port Operation, s/s telephone
82A 157.125 A *Port Operation (USCG)(CCG)
83 157.175 161.775 I *Ship/shore - telephone (CCG)
83A 157.225 A *Intership, Port Operation (USCG)
84 157.225 161.825 Ship/shore - telephone
85 157.275 161.875 Ship/shore - telephone
86 157.325 161.925 Ship/shore - telephone
87 157.375 161.975 Ship/shore - telephone
88 157.425 162.025 IC *Ship/shore - telephone
88A 157.425 A *Intership

Weather Channels: (as in Icom IC-M55)
Wx1 162.550
Wx2 162.400
Wx3 162.475
Wx4 161.650 Marine 21B - CCG West Coast Weather Broadcasts
Wx5 162.425
Wx6 162.500
Wx7 162.525
Wx8 162.450
Wx9 161.775 Marine 83B - CCG Great Lakes & East Wx Broadcasts
Wx10 163.275
(Wx5 - Wx10 are not listed in the manual, but are in the radio)

The channel usage marked with an asterisk (*) are from tables in Icom
IC-M2
and IC-M55 marine radio manuals, and are probably fairly "generic",
and
subject to change in different jurisdictions. Other channel usage is
from my
station licence for the Canadian West Coast, and from things
overheard on the
air. "Your usage may vary."

Channels marked (CCG) or (USCG) are for Canadian or US Coast guard
authorized
stations only.

Channel 70 is supposed to be reserved for a future selective calling
distress

and safety system, but is (illegally) being used for intership communications
(even by the RCMP!)

The letters under "area" mean:
I: International only (non-US) according to Icom
C: Canadian usage
A: American usage

Channels with an "A" suffix are simplex operation on the ship transmit
frequency of an international duplex channel.

Canada uses a "B" suffix to denote broadcast (one-way) use of the shore
transmit side of an international duplex channel.

There are no repeaters (as hams know them) in the marine service . If you
are willing to pay for a phone call, the telco might let you place a call
to another vessel on the same (or different) channel, and so get the effect
of a repeater.

5692. Looking for source of MOD's to RS Pro-30

Newsgroup: rec.radio.scanner
Date: 1994-06-28 03:52:04 UTC
From: whiplash@bronze.coil.com
Message-ID: <2uo6p4$d3q@bronze.coil.com>
Source record: 272438

:

Hi,
Just discovered this feed and have a Pro-30. I was told somebody
might be able to inform me of a FTP site holding modification specifications
for my scanner model to allow extended frequency coverage. If so, please
respond via this feed or e-mail to -- whiplash@bronze.coil.com --

Thanx much,

Jaymz

5693. Re: Question

Newsgroup: rec.radio.scanner
Date: 1994-06-28 04:58:45 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun28.045845.24208@hpcvaac.cv.hp.com>
Source record: 272439

kentfitz@minerva.cis.yale.edu (Kent Fitzgerald (GD 1994)) writes:
:
: In my last phone bill was a leaflet on Caller ID that warned that my
: number may be available to the receiving party if I call 700, 800, or 900
: numbers. I believe that this has always been the case, long before Caller
: ID was generally available. Also, this info cannot be blocked by Caller
: ID blocking.

Exactly. It is not CID.

Bill

5694. Re: Reply to Bob Grove

Newsgroup: rec.radio.scanner
Date: 1994-06-28 05:02:53 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun28.050253.24346@hpcvaac.cv.hp.com>
Source record: 272446

domonkos@access.digex.net (andy domonkos) writes:
:
: Let me get this straight, if an American goes into Canada, he can buy
: a cellular capable scanner, and walk back into the states w/it if he
: gets away with it thru customs? Unbelievable...

It is absolutely true. More to the point, even if you are wearing it on your hip - and listening to it, the chances are good that the customs agent will not even question you about where it was purchased.

Bill

5695. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-28 05:19:07 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun28.051907.24427@hpcvaac.cv.hp.com>
Source record: 272447

jerry@hnrc.tufts.edu (Jerry Dallal) writes:
: In article <1994Jun27.031337.22656@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
: >
: > Why is it inappropriate, much less dangerous? In the first place, how does
: > anyone know that the person making the claim is actually doing so? How do
: > we know the postings are not forgeries? How would it endanger the existance
: > of the newsgroup?
:
: For the same reason that it would be inappropriate in *any* newsgroup to
: openly flout the law and encourage others to do likewise. The newsgroup
: might be viewed as fostering illegal activity. If some can't see the
: problems posed by a newsgroup where posters openly speak about committing
: illegal activity in the area/topic to which the group is dedicated, I'm
: afraid there's little I can say to help. But if I were personally involved
: in enforcing of those laws, I'd do all I could to restrict, by any legal
: means at my disposal, any group that promoted illegal behavior.

So, I cannot control what people post. It is the same as drunk drivers, I have no control over their actions either. Should we take away the privilege of driving automobiles, just because some people abuse that privilege? If not, then why would there be any danger to the group?

Well, when you get the right to restrict freedom of speach, then you probably can play "correct speach nazi" to your heart's content. For now, it is not illegal to post such information. In most countries outside the US, it is not even illegal to listen to cellular frequencies.

: Again, I'm not saying the law shouldn't be discussed. I'm firmly in the
: "it's my body your passing these signals through" camp. But trying to change
: a law by public admissions of breaking it is not without risk.

Not much risk. The FCC does not care one whit whether you listen, or not. They do not have the manpower to enforce even more important laws, much less this idiotic one.

Have you ever tried to trace a forged post? It would be extremely difficult for you to tell if my posts actually are from the site in the header. It would require a court order - plus cooperative system administrators.

Bill

5696. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-28 05:23:55 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun28.052355.24493@hpcvaac.cv.hp.com>
Source record: 272448

domonkos@access.digex.net (andy domonkos) writes:

: >
: > Hold it there! For your information, *millions* of Americans visit
: > Canada every year. Over here you can listen to cellular calls 24
: > hours a day if it makes you happy, legally. Just remember *not* to
: > discuss what you hear with anyone except the parties whose
: > conversation you heard.
: >
: > Luis
: > VE9LN
: > >
: Yeah Luis, but Canada is still a 'free' country...

Not really. Try to obtain a firearm there - or, I believe the ban is still on, so-called pornography. The most recent paranoia I encountered was their concern about "switchblade knives". They did not even ask me about firearms, the last time I traveled to BC.

So, both countries have problems. Neither will be "free" until the governments decide to get out of the job of running the personal lives of the populations.

Bill

5697. Re: Has anyone cracked Uniden 9100 900MHz cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-06-28 05:28:02 UTC
From: edginsf@aol.com
Message-ID: <2uocd2$47o@search01.news.aol.com>
Source record: 272443

In article <CrywAJ.CB3@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley) writes:

What is the price range on this beast?

About $300

How long does a charge last?

All day long at work, don't know about multiple days.

How about range?

About a block in any direction minimum.

5698. Re: Has anyone cracked Uniden 9100 900MHz cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-06-28 05:31:08 UTC
From: edginsf@aol.com
Message-ID: <2uocis$49c@search01.news.aol.com>
Source record: 272444

In article <Cs23r3.9sz@mv.mv.com>, hightech@mv.mv.com (HighTech)
writes:

The 9200 comes with a battery charger (in addition to the charger in
the
cradle) which accepts an additional battery ($36-40..from Uniden If I

remember properly)

I picked my spare up for about half that from Grove Enterprises.

Edward

5699. Re: Cell Phone Hand-off

Newsgroup: rec.radio.scanner
Date: 1994-06-28 05:32:24 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jun28.053224.24793@hpcvaac.cv.hp.com>
Source record: 272449

dwhansen@panix.com (David Hansen) writes:
: Question:
: When a cell phone hands the call off to another cell, how can I tell
: which new frequency the call was handed off to. More clearly, can I decode
: the data portion and follow the call without having to scan for the caller's
: voice on other frequencys. The cost of such a system is not an issue, I am
: interested in HOW I might go about this.

Well, there is at least one unit that will allow you to follow cell handoffs.
The price, if I remember correctly, is in excess of $4000.00. That is just a
bit steep for most ofus.

Bill

5700. Looking for AOR 880 parts...

Newsgroup: rec.radio.scanner
Date: 1994-06-28 05:54:23 UTC
From: jnesbitt@cyberspace.com
Message-ID: <2uoduf$jd4@cyberspace.com>
Source record: 272440

Hello all -

I am looking for a replacement battery tray and battery compartment lid. The wires coming from my battery tray are missing the connector which attaches to the board inside the scanner. The battery compartment lid is just plain trashed.

If anyone could recommend a parts supplier (or a qualified AOR repair person in the Seattle area) I would greatly appreciate it.

Thanks.......John

5701. Re: Pro 43 carry case (where can I buy one in Ontario?)

Newsgroup: rec.radio.scanner
Date: 1994-06-28 06:12:51 UTC
From: coyote@clt.fx.net
Message-ID: <2uof13$e55@clt.fx.net>
Source record: 272442

Karel Vitamvas (vitamvas@hookup.net) wrote:
: I am looking for a carry case that has a belt clip on it. It's for a Pro 43.
: I live in Ontario.

If you live near any large discount stores, look in the camera dept. I found a nice padded nylon camera pouch that fit my PRO 43 perfectly. It has flap that covers the top, and a belt loop on the back(with a large lower snap). It has an elastic loop on the under side of the lid for holding a roll of film. Detach the upper elastic connection and fold it over the the radio top, attaching it to the lower velcro. This will hold the radio in when the lid is up. I found my case at Wal-Mart for only...$4.98! They get sold out and restocked, so they must be an item that is normally carried by the store. This is the first case I've found that is a nice fit on the radio, and at this price, I may get another to customize! Till later, Si B.

5702. Cape Cod Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-28 07:35:26 UTC
From: weissmjn@ucbeh.san.uc.edu
Message-ID: <weissmjn.20.00079765@ucbeh.san.uc.edu>
Source record: 272454

I'm planning on spending a few days on the cape over the holiday weekend and would like to listen in on the local activity while I'm there. I'd appreciate it if someone would post or e-mail any frequencies they've discovered in this neck of the woods (particularly around Chatham).

Thanks !

Joe Weissmann, CITS/CCS weissmjn@ucbeh.san.uc.edu
University of Cincinnati (513) 558-3234
Cincinnati, Ohio 45267

5703. motorola scrambled phone

Newsgroup: rec.radio.scanner
Date: 1994-06-28 08:58:15 UTC
From: ritchie@cs.uwp.edu
Message-ID: <2uoon7$aki@cs.uwp.edu>
Source record: 272450

I posted this, saw it on the list, yet it isn't there two days later. So waht gives? Is this some kind of moderated list, and my question was out of line? I'll try it one more time: what do you scanner people do about the Motorola scrambled phone?

5704. Re: BC200XLT mobile? wire to 12v?

Newsgroup: rec.radio.scanner
Date: 1994-06-28 09:20:02 UTC
From: Clough@javiaton.demon.co.uk
Message-ID: <772795202snz@javiaton.demon.co.uk>
Source record: 272451

In article <brett_miller.348.000DE7A1@ccm.hf.intel.com>
brett_miller@ccm.hf.intel.com "Brett Miller - N7OLQ" writes:

> In article <2ukevc$4e5@news1.svc.portal.com> twise@shell.portal.com (Travis A.
> Wise) writes:
>
> > I have a fairly small car, and am interested in putting a scanner in
> >my car. I like the BC200XLT because of its range and because it is
> >small and portable...but can I wire it to 12v so that I don't have to
> >keep worrying about the battery?
>
> You can do a direct wire, but you will need to put in a voltage regulator.
> Car power can range beteween 10 to 18 volts during operation. You will want
> to limit the voltage going into the scanner to about 14 volts. Keeping the
> battery pack plugged in would also work as a "regulator" but the battery
> probably won't last long that way.
>

Be carefull...

Input into battery pack = 12v
Input into BC200XLT from battery pack = 7.2v

Don't direct wire your car battery into the BC200XLT, if you
do **BANG**.

As Brett says 12v nominal into the battery pack will be OK - it
won't do any harm in the short term but over a period of time
it may not do it much good either, just make sure you use it from
the batteries on a regular basis so they get "cycled" (sp?).

--
Cheers, I'll have a Taylors Landlord please.....
JC
/--\
| Jonathan Clough, Compu$erve: 100117,535 |
| Javiation, Internet : Clough@javiaton.demon.co.uk |
| Bradford. U.K ----> Please note the missing "i" ^ in Javiation - Thks |
\--/

5705. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-28 11:05:50 UTC
From: steven@sgb.oau.org
Message-ID: <Cs3tHr.9Br@sgb.oau.org>
Source record: 272472

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: In article <1994Jun27.031337.22656@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
: >
: > Why is it inappropriate, much less dangerous? In the first place, how does
: > anyone know that the person making the claim is actually doing so? How do
: > we know the postings are not forgeries? How would it endanger the existance
: > of the newsgroup?
: >

: For the same reason that it would be inappropriate in *any* newsgroup to
: openly flout the law and encourage others to do likewise. The newsgroup

I WILL R E P E A T WHERE IS IT AGAINST ANY LAW TO DISCUSS, DEBATE, EXCHANGE INFORMATION ON EQUIPMENT, SOURCES, MONITORING OF, THE FREQUENCY RANGES OF CELLULAR MONITORING!?!?!?

The law deals with the listening and reception OF, not the how to, where to, when to, etc. Since the law PERMITS POSSESSION OF, and the EXCHANGE OF INFORMATION is NOT ILLEGAL, please may I ask, WHAT IS YOUR PROBLEM?

I could state I rob banks for a living, guess what, I can legally say that. Now if someone wishes to try and PROVE so, that would take more than just the statement made above. If I were in a jury on the ECPA being broken by someone due only to statements that he/she made stating he/she does so, I would have a hard to to prosecute that case without some live witnesses who had also SEEN AND HEARD monitoring activity being performed FIRST HAND.

I think it's about time we attracted some of our U.S. constitutional friends and supporters of civil liberties over here (if they have not already got here).

I believe the law specifically states specific frequency ranges not to monitor. That law specifically directs a specific action, the ACT of MONITORING. Now, it does NOT state you can not discuss HOW to do it, and we DO have CANADIANS here -- where this legal garbage has no meaning anyhow. Where in ANY of the cellular laws does it state "Thou shalt not speak of this, discuss equipment for transgressing of, discuss methods of import or modification for transgressing of", etc?

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley

steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5706. Re: Reply to Bob Grove

Newsgroup: rec.radio.scanner
Date: 1994-06-28 11:20:46 UTC
From: steven@sgb.oau.org
Message-ID: <Cs3u6n.9E6@sgb.oau.org>
Source record: 272471

andy domonkos (domonkos@access.digex.net) wrote:
: In article <26JUN94.25128958.0073@UNBVM1.CSD.UNB.CA>,
: NADO000 <LNADEAU@UNB.CA> wrote:
: > In article <netnewsCrun3u.8Ez@netcom.com> bkobb@newsignals.com (Bennett Z. Kobb) writes:
: >
: > Ham radio gear in Canada, if one shops carefully, is a little
: > cheaper than it is in the US, with the possible exception of Alinco
: > products. On the other hand, scanners tend to be a lot more
: > expensive. I imported mine from the US. Canada, which is visited by
: > millions of Americans every year btw, has no restrictions on
: > monitoring cell frequencies, as long as one keeps quiet about what
: > one hears.
: >
: Luis,

: Let me get this straight, if an American goes into Canada, he can buy
: a cellular capable scanner, and walk back into the states w/it if he
: gets away with it thru customs? Unbelievable...

CORRECT! PAY THAT MAN, HE JUST WON!

Can someone tell me what the North American Free Trade Agreement is all about? I mean, more specifically, when does it take place? It's my understanding, that if they really mean free trade, this means you will merely pass through customs for purposes of identification, with no checking or interest as to what you are carrying, hence the term FREE TRADE. I mean they may have the drug sniffing dogs around, but as per looking at what you have and assessing duties based on those goods, sounds like it would be in violation of a Free Trade Agreement.

Can someone fill me in one what that "agreement" means?

Also, if needed, you can mail the instructions, box, etc back into the U.S. (not against any law to send packing materials for cellular scanners), and simply state it came with you (along with the camera and binoculars) on vacation. There is no reason to doubt the claim.

Or, you could also say "oh, it needed repair, I just picked it up". Or if you really want to do the job right, you "prepare" a receipt showing U.S. made purchase from a U.S. based dealer (knowing they never check such things), carry it over the border, carry the scanner back -and- if challenged, you produce receipt showing bought in the U.S. That should satisfy even the most curious. The receipt could even be a personal receipt made by a U.S. located "friend" with whom you made a purchase of a "used" scanner from him prior to the

trip. In any event it would show you had it before entry, and they would have a hard time proving otherwise.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5707. Re: Has anyone cracked Uniden 9100 900MHz cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-06-28 11:48:31 UTC
From: hightech@mv.mv.com
Message-ID: <Cs3vGx.5yu@mv.mv.com>
Source record: 272455

edginsf@aol.com (Ed G in SF) writes:

>In article <CrywAJ.CB3@sgb.oau.org>, steven@sgb.oau.org (Steven
>Bradley) writes:

>What is the price range on this beast?

>About $300

>How long does a charge last?

Wal-mart says they will have the 9100 in "a couple of weeks" at
"the $270.00 range".

Shoppers advantage has the 9200 (2 lines plus phone in base) for $305.00.

5708. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-06-28 12:02:19 UTC
From: peter_simpson@3com.com
Message-ID: <2933@bridge2.NSD.3Com.COM>
Source record: 272453

Has anyone opened their 7100? Is the program in a seperate, socketted, PROM?

It would be interesting if people with "old" and "new" 7100s could take a look
at their respective schematics and see whether PROMs can be swapped. I suspect
it's just a matter of time before replacement "old" 7100 firware becomes available.

Peter

Peter Simpson, KA1AXY Peter_Simpson@3com.com
3Com Corporation (508) 836-1719 voice
Northborough, MA 01532 (508) 393-6934 fax

I speak only for myself, 3Com doesn't pay me to speak for them, so I don't.

5709. Re: CNN & cellphone scann

Newsgroup: rec.radio.scanner
Date: 1994-06-28 12:04:33 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.350.000C13C9@ccm.hf.intel.com>
Source record: 272383

In article <Cs2rM0.893@synoptics.com> dbashaw@synoptics.com (David Bashaw) writes:
>This may not be scanning related, but I saw the video of the Bronco too.
>Why did it take an army of patrol cars following this guy? Wouldnt two
>or three have been plenty? Looked more like a light show at a disco
>than a car chase!

I know this is getting off the subject, but my theory is that after the Rodny King event, the police wanted to be extra careful when they arrested OJ to avoid public outcry (riots). On the other hand, being so careful could allow OJ to get away. Thus, lots of police and no real action.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5710. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-28 13:35:56 UTC
From: domonkos@access.digex.net
Message-ID: <Xi14kiubG-DA067yn@access.digex.net>
Source record: 272457

In article <1994Jun28.052355.24493@hpcvaac.cv.hp.com>,
billn@hpcvaac.cv.hp.com (bill nelson) wrote:
> Not really. Try to obtain a firearm there - or, I believe the ban is still
> on, so-called pornography. The most recent paranoia I encountered was their
> concern about "switchblade knives". They did not even ask me about firearms,
> the last time I traveled to BC.
>
> So, both countries have problems. Neither will be "free" until the governments
> decide to get out of the job of running the personal lives of the populations.
>
> Bill

Guns, we don't need no stinkin' guns! As long as you've got 'technology'.
Control communications and you control everything...Any takers?

Andy

5711. AOR8000 available yet?

Newsgroup: rec.radio.scanner
Date: 1994-06-28 13:56:28 UTC
From: ac184@FreeNet.Carleton.CA
Message-ID: <Cs41E5.E3H@freenet.carleton.ca>
Source record: 272458

Read the specs, if they can be believed all I need to convince me is a favorable hands-on report. Has anyone had a chance to use this scanner yet? And, where would you recommend buying a non-crippled version (I heard some company was considering it for FCC certification. That would be...a waste.)

Thanks for your help,

Tim

--
Couldn't I have just one hand free? =|= Tim Murphy
What harm could I do with just... =|= ac184@freenet.carleton.ca
one hand free? =|= (613) 562-1664
---SexBoy =|= Finger me for PGP key...

5712. Cell phone handoff, II

Newsgroup: rec.radio.scanner
Date: 1994-06-28 14:34:09 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jun28.093409.2545@hnrc.tufts.edu>
Source record: 272456

I have two cellular related questions that I'd be grateful if someone could answer.

(1) Is it common for a conversation to change frequency while the caller remains in the cell?

(2) I would guess that
the reason a call changes cells is because the caller is moving. If one is not near the boundary of the new cell, wouldn't the signal from the new cell be too weak to copy most of the time? I'm guessing that even though the same frequencies aren't used within adjacent cells, the signals can't be too strong lest splatter or unwanted capture occur. Thus, is there any point to trying to follow a conversation across cells if one
is not mobile or using high gain, directional equipment?

Just curious. Thanks.

5713. AOR-2500 Receiver

Newsgroup: rec.radio.scanner
Date: 1994-06-28 15:28:49 UTC
From: robertv@mothra.rose.hp.com
Message-ID: <2upfjh$shi@hpchase.rose.hp.com>
Source record: 272460

Hi,

Does anyone out there know of a good control software package for the ACE AOR-2500 Receiver ??

So far I've found some rather "interesting" attempts at control software.

Any help would be appreciated.

Regards,

Robert A. Van Winkle

robertv@netcom.com

5714. Music for the datahighway (was Blind Deaf and Dumb)

Newsgroup: rec.radio.scanner
Date: 1994-06-28 15:43:10 UTC
From: jimg@gov.nt.ca
Message-ID: <1994Jun28.154310.5091@gov.nt.ca>
Source record: 272462

In article <270694161636@GSB-Lira.stanford.edu> AArnold@gsb-lira.stanford.edu (AArnold) writes:
->Jim Grant (among others) wrote...[deleted]
->
->See me...Feel me...Touch me...Heal me...
->Listening to you, I get opinions;
->I get excitement at your freq!
->
->From the subject, I just couldn't resist :)
->Feel free to resume serious discussion.

I can't resist putting in my favorite datahighway tune:

Get your modem dialing . . .
Log on the datahighway . . .
Looking for alt dot culture
in the postings of the day

Yeah Bill is gonna make it happen
Connect the world in ATM enbrace
Wire all your sites at once, and
explore gopher space

Born to be wired, Born to be wired
--
Jim Grant |GAT d?(-) -p+ c++++ l u++ e+(*) m++(*) s+/-
Government of the NWT, Yellowknife|!n(-) h----(*) f? !g w++ t+++(stng-) r y*
jimg@inukshuk.gov.nt.ca |All opinions, views and positions expressed
"Quis custodiet ipsos custodes" |are my own, and not those of my employer

5715. Re: USAir says 'NO' to scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-28 15:45:29 UTC
From: cal@ee.ryerson.ca
Message-ID: <2upgip$118a@hermes.acs.ryerson.ca>
Source record: 272461

Neil Weisenfeld (weisen@alw.nih.gov) wrote:

: From what I've read, newer planes such as the Airbus A320 and the
: Boeing 777 have computerized flight controls, too. Yeah, messing up
: navigation would be bad, but sending the plane into a nose-dive would be
: a real bummer.

Not just that the controls are computerized, but you actually "fly by wire".
Meaning, that instead of pulling a control that is actually attached to
hydralic (sp?) equipment that in turn is tied to the flaps and such, you
are pulling on a joy-stick that is read by the computer. The computer then
sends control signals to the hydralic equipment elsewhere in the plane.
Any electro-magnetic interference (EMI) could screw up this signal.

After all, a man was once KILLED when a ladle on an overhead crane poured
molten steel on him accidently because of EMI!

--
Calvin Henry-Cotnam, CATE | "...My brain IBM"
Ryerson Polytechnic University | "So if you see me, acting strangely..."
Toronto, Ontario, Canada | STYX, Mr. Roboto
- -
"We've all been taught, all of us, that blacks and whites can't live together.
The reality is that interracial couples are as boring as anybody else. My
husband sits around the house and I tell him to pick up his socks. Once you
live with someone of another race, it's impossible to think of that race as
special or threatening or all that much different."
- Candy Mills, editor of "Interrace" magazine

5716. Re: Monitor Times (Where can I get it)

Newsgroup: rec.radio.scanner
Date: 1994-06-28 16:05:10 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.351.00101690@ccm.hf.intel.com>
Source record: 272474
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Jun27.192412.13674@unislc.slc.unisys.com> powell@unislc.slc.unisys.com (Frank Powell) writes:

>Darryl Harvey (djh@shell.portal.com) wrote:
>: Can anyone in the San Jose Bay Area tell me where I can find a source
>: for Monitor Times? I have looked all over the place with no luck..
>: (Maybe they were just out of stock, but I have had no luck)

>I don't know what you mean by "all over". Have you
>tried any of the amateur radio supply stores in your
>area? I get my copy of Monitor Times at CPI, which
>is our local store.

The only place I can think of would be Ham Radio Outlet in Sunnyvale off Lawrence Expwy.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5717. Re: motorola scrambled phone

Newsgroup: rec.radio.scanner
Date: 1994-06-28 16:11:23 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.352.0010310D@ccm.hf.intel.com>
Source record: 272375

In article <2uoon7$aki@cs.uwp.edu> ritchie@cs.uwp.edu (Mary Ritchie) writes:

>I posted this, saw it on the list, yet it isn't there two days later. So
>waht gives? Is this some kind of moderated list, and my question was out
>of line? I'll try it one more time: what do you scanner people do about
>the Motorola scrambled phone?

There is no moderation here. Every news feed keeps its own messages on disk.
The problem may just be that your site dumps old messages as new ones come in.

Moto uses speech inversion on their phones. You can get a speech inversion
kit to decode, or try the SSB tuning method. I recently ran across an
inverted conversation and tried the SSB method on my R7000, but they hung up
before I could fine tune, so I don't know how well it works.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5718. Re: AOR8000 available yet?

Newsgroup: rec.radio.scanner
Date: 1994-06-28 16:18:59 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.353.00105180@ccm.hf.intel.com>
Source record: 272376

In article <Cs41E5.E3H@freenet.carleton.ca> ac184@FreeNet.Carleton.CA (Tim Murphy) writes:

>Read the specs, if they can be believed all I need to convince me is a
>favorable hands-on report. Has anyone had a chance to use this scanner
>yet? And, where would you recommend buying a non-crippled version (I
>heard some company was considering it for FCC certification. That would
>be...a waste.)

EEB is the AOR distributor for the USA and is trying to get FCC approval. The
only hands-on report I have seen was a guy that worked for EEB that said he
played with it for a few hours. Unfortunatly, he didn't have much
constructive to say except that he didn't notice any problems. He didn't have
the instructions with him, so he didn't use many features.

If it has good RF performance, I'll be selling my wife's car to get one. :-)

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5719. Re: Pro 43 carry case (where can I buy one in Ontario?)

Newsgroup: rec.radio.scanner
Date: 1994-06-28 16:44:00 UTC
From: depasses@advtech.uswest.com
Message-ID: <depasses-280694104728@130.13.28.204>
Source record: 272464

In article <2ugpns$cb1@inews.intel.com>,
ezager@ctdws59.NoSubdomain.NoDomain (Edward Zager) wrote:

I bought my case mail order through a shop in Tucson. It was advertised by
someone on CompuServe. WHen I called the guy to order, he said that after
the person posted their availibility, he had received 100+ orrders! I
dont remember the name of the place however!

> I am looking for one also, as well as anything else that might be
> useful with a PRO-43. Please post replys and addresses.

--
Steve DePasse
Member of Technical Staff
Data Communications Architecture and Engineering
U S West Technologies
Boulder, CO
depasses@advtech.uswest.com

5720. WANTED TO BUY: Used Handheld

Newsgroup: rec.radio.scanner
Date: 1994-06-28 16:47:36 UTC
From: jpsmith@umcc.umcc.umich.edu
Message-ID: <2upk78$69e@umcc.umcc.umich.edu>
Source record: 272465

I'm interested in purchasing a used handheld scanner with at least 60 channels. Please reply via E-Mail. Thanks!

Jim

5721. Re: Cell phone Laws are bogus!!

Newsgroup: rec.radio.scanner
Date: 1994-06-28 17:03:06 UTC
From: yanasak@cc.gatech.edu
Message-ID: <2upl4a$1j2@gaia.cc.gatech.edu>
Source record: 272466

In article <mike_diaz-270694173559@m12112.esl.com>,
Mike Diaz <mike_diaz@smtp.esl.com> wrote:
>You misunderstand the intent of the law. The law was created to placate
>the cellular telephone users, that heard that their conversations could
>be listened in on. Now they can feel secure in the knowledge that it is
>illegal, so therefore their conversations are safe from prying ears. The
>cellular industry doesn't give a rats ass if anyone is actually listening,
>as long as they can convince their customers to *FEEL* secure and revenues
>aren't affected. The law was created to give the impression of security,
>and that is all that is required from the law. Now that you can't buy a
>radio that can receive cellular band, cell phone users are happy. The
>fact that it will always be possible to modify a radio to pick up cell
>calls until they go to some sort of a keyed encryption system isn't
>germane to the issue. Ignore the man behind the curtain and everything
>will be OK. It will remain so, as long as profits aren't affected.
>Well I'm down off my soap box now.
>
>Good listening
>MAD

Not to bring up a topic that was pounded almost to death around the
time that the proposed legislation was being discussed, but I think
that there's a bit more to it than just keeping cell phone users
"secure". My memory may be a bit fuzzy, but I recall that a survey by
(some party) suggested that the majority of cell phone users aren't
all that concerned that their calls aren't very secure. The ones
(e.g. corporate users, military) who are probably have had scrambling
systems in place for quite some time.

The impression that I got was that the entire "oh gosh, our 'phones'
can be 'tapped'" emphasis was a red herring invented and publicized by
the cellular providers in order to help railroad the legislation
through. (It helped especially considering the fact that your average
political bureaucrat probably shudders at the thought of his
conversations being overheard.) Sure, one now can't legally listen to
cellular conversations _per_se_, but as I recall the ban does not
specify the conversations, but monitoring the *cellular frequencies*.
Correct me if I'm wrong, but up until now no organization in the U.S.
has had frequencies "given" to them: these were "assigned" by the
FCC (and related entities), and could be removed at a later date. The
cell ban, by specifying the exact "cellular phone frequencies" that
can't be monitored in effect gives them to the cellular companies.

Sure, one might argue that the probability of the frequencies of, say,
the VHF television stations being reallocated is pretty slim. The

problem is not really with reallocation as it is with legal precedent
and with blurring of responsibilities between Congress and the FCC.

Thems who has the bucks makes the rules ...

-Ivan KB5BBD

--

-Ivan Yanasak (yanasak@cc.gatech.edu)

5722. Re: OJ Manhunt Freqs!

Newsgroup: rec.radio.scanner
Date: 1994-06-28 17:08:16 UTC
From: Brian_Johnson@f1010.n202.z1.fidonet.org
Message-ID: <9406280908.AA152983@f217.n202.z1.fidonet.org>
Source record: 272463

The original idea of reporters gathering information from scanners revolved around listening to the scanner for information about an accident or a crime then, following up with a telephone call to the fire station or police station to obtain more details if they were available at the time. Or, they would first hear a call being dispatched on the scanner and then travel to the scene of the incident to obtain more information from investigators or PIO personnel. But, the idea of deliberately recording scanner trafic for re-broadcast sounds preposterous. Happy Monitoring...Brian.

--- ProBoard v2.01 [Reg]
* Origin: Zoom 28.8k, Faster than needed!! (1:202/1010)

5723. Re: Cell phone Laws are bogus!!

Newsgroup: rec.radio.scanner
Date: 1994-06-28 17:20:11 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.772824011@constellation.ecn.purdue.edu>
Source record: 272467

mike_diaz@smtp.esl.com (Mike Diaz) writes:

>You misunderstand the intent of the law. The law was created to placate
>the cellular telephone users, that heard that their conversations could
>be listened in on. Now they can feel secure in the knowledge that it is
>illegal, so therefore their conversations are safe from prying ears. The

Problem is, the law was NOT needed! Section 605 of the Communication
Act of 1934 already made it illegal to divulge contents.

>cellular industry doesn't give a rats ass if anyone is actually listening,
>as long as they can convince their customers to *FEEL* secure and revenues
>aren't affected. The law was created to give the impression of security,
>and that is all that is required from the law. Now that you can't buy a
>radio that can receive cellular band, cell phone users are happy. The
>fact that it will always be possible to modify a radio to pick up cell
>calls until they go to some sort of a keyed encryption system isn't
>germane to the issue. Ignore the man behind the curtain and everything
>will be OK. It will remain so, as long as profits aren't affected.

No, it is NOT ok. Personally, I don't give a rats ass about listening
to peoples boring bullshitting on their cellphone. I am dreadfully
concerned that this law has set a precedent that will allow ANY and
EVERY special interest RF user to attempt the same thing, to wit, make
it illegal for you to listen to that frequency. Combine that with the
idiotic "spectrum auctions" and you have a REAL potential problem.

The law needs to repealed, and cellular manufacturers, sellers,
and users told that if they want security, THEY should pay for it, NOT
the rest of us! Let them pay for digital encryption, and if they bitch that
they were lied to and told the phone was secure, make the COMPANIES pay
for it, NOT the rest of us!

>Well I'm down off my soap box now.

Well I'm NOT. Not by a long shot. These alleged privacy laws on
the PUBLIC airwaves smack of naziism of the worst kind. This isn't about
simple "political correctness" (which is bullshit anyhow), this is
about doing real damage to the citizenry. It is about the corporate
buyoff of public resources and congresscritters. It is a wakeup call
for reform of our governmental offices and officials. It has to START with
you and me screaming bloody murder to those congresscritters and exercising
the ballot box where needed.

Duane

5724. Re: Cell phone handoff, II

Newsgroup: rec.radio.scanner
Date: 1994-06-28 17:58:58 UTC
From: lyd@interaccess
Message-ID: <2upod2$6sh@mailhost.interaccess.com>
Source record: 272469

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:

: (1) Is it common for a conversation to change frequency while the caller
: remains in the cell?

As I understand it, calls are constantly switching frequency both between cells (from one to another) and within cells. The switching within cells is at least partly to average the load, I'd guess, but I don't know this to be fact. I'm sure someone more familiar with the system can provide a much more detailed explanation.

That is, in fact, why I bothered to add my small input... I have a question I wanted to slide into this thread before the experts get involved. :)

I'm in the Chicago area. When I scan the cellular band, being carefull to stay in the freq. range for bases and not mobiles, I generally do not hear the mobile side of the conversation. It would seem that either:

a) I am clue-less. :) (It -is- my first scanner, and only 2 weeks old at that.)

b) The cellular carriers in my area no longer have the base repeating the mobile signal, as I thought was standard practice.

Can anyone offer input on this?

Thank you.

Dave

Here's where I got the freqs to scan. I think this info is correct.
***
Cellular Telephone

Chs Freqs (base) System

800-832 869.040 - 870.000 RCC - voice
1-312 870.030 - 879.360 RCC - voice
313-333 879.390 - 879.990 RCC - data
334-354 880.020 - 880.620 Telco - data
355-666 880.650 - 889.980 Telco - voice
667-716 890.010 - 891.480 RCC - voice
717-799 891.510 - 893.970 Telco - voice
***

5725. Re: Cell Phone Hand-off

Newsgroup: rec.radio.scanner
Date: 1994-06-28 18:21:20 UTC
From: edward@cs.ualberta.ca
Message-ID: <2uppn0$f3p@scapa.cs.ualberta.ca>
Source record: 272468

Your article follows:
billn@hpcvaac.cv.hp.com (bill nelson) writes:

>dwhansen@panix.com (David Hansen) writes:
>: Question:
>: When a cell phone hands the call off to another cell, how can I tell
>: which new frequency the call was handed off to. More clearly, can I decode
>: the data portion and follow the call without having to scan for the caller's
>: voice on other frequencys. The cost of such a system is not an issue, I am
>: interested in HOW I might go about this.

>Well, there is at least one unit that will allow you to follow cell handoffs.
>The price, if I remember correctly, is in excess of $4000.00. That is just a
>bit steep for most ofus.

>Bill

The following was posted by CSI, and you can find a write-up
on the device in the Aug. 93 issue of Nuts & Volts.
It is about $500 CND.

edward@cs.ualberta.ca

PS: I live in Canada :) so....

CELLULAR SURVEILLANCE INTERFACE TEST SET

The Cellular Surveillance Interface (CSI) decodes the data transmitted on
cellular control channels. It interprets the data as cellular commands,
displays it on your PC screen, and tunes your radio.

The CSI will work on cellular systems in North America, Europe, the Middle
East, Southeast Asia, Hong Kong, etc. Anywhere there is a cellular system
using the AMPS, TACS or ETACS standards; including those international systems
that use variable control channel starting points for different countries.

In simple terms, the CSI reads the control channel data in a cell and switches
your radio to the specified voice channel when a cellular call is placed or
received in that cell. This allows you to monitor the call for voice quality,
etc. When the call switches to a new voice channel, your radio now switches as
well. In essence, the CSI turns your radio into an extension of the phone that
you're monitoring. No more partial calls. You get it all.

The CSI is a high tech, low-cost test instrument for the service shop, a
surveillance unit for law enforcement, and a development tool for new cellular
and other radio data applications for the engineer or hobbyist.

SAMPLE SCREEN DISPLAY

CONTROL VOICE

```
ZDDDDDDDDDDDDDDDDDDDDDDDDDDDD? ZDDDDDDDDDDDDDDDDDDDDDDDDDDD?
3 NAC=15 3 3 Ring Phone 3
3 555-4540 (312) Registration3 3 Stop Ringing 3
3 555-4540 (312) GoTo 869.8803 3 Disconnect 3
3 555-4540 (312) GoTo 869.8803 3 3
3 555-3238 (312) Paging 3 3 Ring Phone 3
3 555-0186 (312) Paging 3 3 Change Power to .25 W 3
3 555-8252 (312) Paging 3 3 Change Power to 1.6 W 3
3 555-0186 (312) GoTo 891.0903 3 GoTo 890.220 3
3 555-0186 (312) GoTo 891.0903 3 3
3 3 3 3
@DDDDDDDDDDDDDDDDDDDDDDDDDDDY @DDDDDDDDDDDDDDDDDDDDDDDDDDY
```

The sample display on the left shows a control data channel message indicating that the number of access channels in the system is 15. A GoTo command shows a message for 312-555-4540 to switch to voice channel 869.880. This example also shows the system paging three cellular phones. Upon answering a page, the cellular phone, 312-555-0186 in this example, is instructed to GoTo the voice channel on frequency 891.090. This sample display has a number of filter options selected to avoid displaying numerous repetitive commands. Typical interaction on the voice channel, after a GoTo a voice channel, would be like that in the right box.

The sample display on the right, shows system control messages instructing a cellular to ring; then to stop ringing; and to disconnect. Another session follows, showing the cellular answering and engaged in conversation. During this conversation, the system instructs the phone to change power level twice. Eventually the voice channel is changed to 890.220 as the mobile moves into another cell. This display also has some filtering options selected to reduce the volume and type of commands displayed.

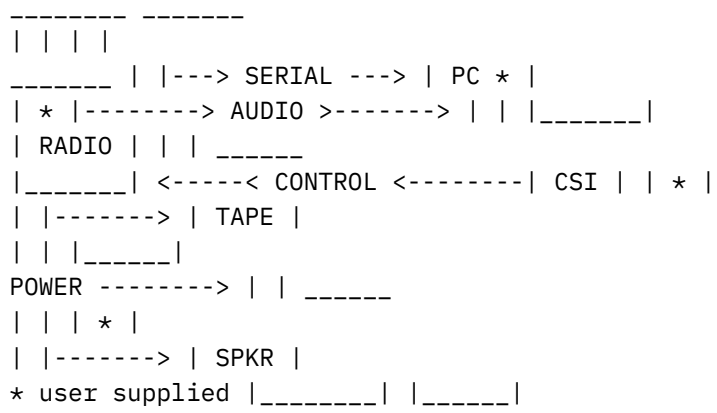
CSI SPECIFICATIONS

The CSI requires audio input from a radio's 455 KHz IF or clean demodulated audio containing the digital data from the cellular control channel. The CSI serial output will connect to any standard 9 pin PC serial port. The output from the CSI is plain text, which is displayed on the PC screen.

The Icom R7000, R7100 and R9000; the AR-2500 and AR-3000A; and the Radio Shack PRO-200x (with the modifications noted later on in this document), can be connected directly to the CSI. The CSI will automatically change the radio frequency in order to follow the call from one voice frequency to another.

The CSI hardware will support future software enhancements such as pager decoding, and trunked radio and MDT surveillance. Preliminary development has commenced, but no firm in-service date is available. When you order your CSI, you'll be on the mailing list for future software enhancements.

The CSI requires 12 volts DC at 300 ma. It is portable for service and surveillance use with a laptop PC.



SOFTWARE

The CSI comes with PC software that can be used to perform advanced tasks. For example, it can be used to wait for specific commands or phone numbers, and take an action only on those commands. It can be configured to keep a log of specific events. A radio that can be controlled over a serial link (Icom, AR, highly modified PRO -200x) may be connected to the CSI and the software will issue frequency change commands to the radio. This will enable you to monitor the audio for voice quality. The following is a list of key software features:

Supports AMPS, TACS, ETACS and international cellular systems.
Two column display to maximize the data displayed.
Separate selection of commands and numbers to display and log.
Select criteria for following frequency changes.
Scans channels based on user criteria (act on specific numbers, etc.).
Automatically tunes and analyses data quality on each control channel.
Auto select active and best control channels.
Display and log DTMF (touchtone) from voice channels.
Presents detailed information on cellular system parameters.
RECC display data includes dialled number and manufacturer's name.
ESN decode and display available to authorized purchasers.
Separate software control of the speaker and tape recorder features.
A general purpose scanning module is included for non-cellular use.
Complete with built-in help menu that you can customize.

RADIO INTERFACE INFORMATION

If you are using an outdoor or attic antenna, use high quality co-axial cable. Common co-ax attenuates 800/900 MHz signals. Belden 9913 is recommended. It has 4 db loss per 100 feet, compared to 20+ db loss for standard RG-58. A small antenna at your radio may perform better than poor co-ax running to a high antenna.

High error rates may be caused by an improperly aligned radio. The recommended radio modifications will make the CSI less sensitive to a radio or cell site that is off frequency. Alignment problems are more noticeable with weak signals when you are on the fringe of a cell site.

An additional software program is included to allow you to tune your radio for maximum data capture efficiency. Once you determine the required frequency offset for your radio, you can enter it in the operating program to automatically adjust all frequency changes to match your radio.

CSI performance is greatly enhanced by an internal connection to your radio. Connection kits, instructions, and schematics, are included with the CSI at no additional charge, when you specify your radio. Soldering is required. Little electronic knowledge is necessary. It's simple. The only exception is the mod to allow the CSI to tune the PRO radios. If you prefer, any radio or electronics shop can perform these modifications for you.

R-7000 / R-7100 / R-9000

Solder a cable with a resistor from a clean audio point to the factory spare jack on the rear of your radio. Replace the existing NFM bandpass filter with a new 20KHz filter. This is a 40 minute job. A parts kit, instructions, and schematics are included with the CSI when you specify an Icom radio.

AR-2500 / AR-3000A

Solder a cable with a resistor from the 455 KHz IF to a new jack mounted on the rear of your radio. This is also a 40 minute job. A parts kit, instructions, and schematics are included with the CSI when you specify an AR-2500 or AR-3000A radio.

PRO-2004 / PRO-2005 / PRO-2006

Solder a cable with a resistor from the 455 KHz IF to a new jack mounted on the rear of your radio. This 30 minute mod allows your radio and PC to interact with the CSI, and read and display the control channel data.

Make a small IC assembly to mount in your radio. Connect 7 wires to a new connector, 8 wires to an existing cable, and 3 wires to other points. This more complex task takes 2.5 to 3 hours, and allows the CSI to control your radio, and tune it to follow cellular calls. It provides the highest scan rate of all radios. This modification is FOR EXPERIENCED KIT BUILDERS ONLY. Mods do not affect your radio's normal operation when the CSI is not in use.

The data read-only parts kit, the computer interface parts kit, instructions and schematics are included with the CSI when you specify a PRO-200x radio.

PRODUCT REVIEWS

We gratefully acknowledge the following published reviews of our previous CSI model:

Swimming the Cellular Data Stream, by Damien THORN,
Nuts & Volts Magazine, August 1993

What's New?, by Larry MILLER,
Monitoring Times Magazine, September 1993

New Products Review, National Scanning Report,
July/August 1993

ORDERING INFORMATION

The CSI commercial test equipment set is assembled, tested, and installed in a case. It is shipped complete with a 12 volt AC adaptor, all cables to connect your radio and IBM compatible PC to the CSI, the latest version of our PC software package, your choice of radio interface kit, and an excellent user's guide. To make your purchase an even more pleasant experience, we pay the shipping on pre-paid orders.

PLEASE NOTE: All overseas orders (Europe, Asia, Africa, etc.) must be pre-paid in US funds. An overseas shipping charge applies. Overseas orders do not include the AC adaptor. You'll need to purchase a 12 volt AC adaptor locally to match your country's electrical supply. We'll ship your assembled and tested CSI unit from the United States. To avoid any last minute surprises, please check for any duties or taxes that your country levies on imports. Most countries classify this equipment as a radio and/or computer interface for duty purposes. We're confident that you'll be pleased with your unit, in spite of the modest additional cost.

ESN decode and display capability is available for service shops. There is no additional charge. Please provide an original letter from your network provider on their letterhead. It should endorse your use of this capability, and must be signed by a management official. ESN capability is also available to government and law enforcement without the letter requirement. Ask for it if you need it. We provide separate surveillance consulting services to law enforcement. Please enquire.

Please allow six to eight business days, from receipt of your order, until delivery. This will allow us time to assemble, thoroughly test, and ship your unit. We use UPS ground. If you prefer another method, please advise.

RETURN POLICY

The CSI may be returned within 14 days for a refund, minus our costs of handling and shipping the unit to you, and US$25, or less, if the parts kit is opened.

ORDER FORM

Complete and Assembled Commercial *** SHIP TO: **********
Test Equipment Set: * *
* _____ *
Until 31 DEC 1993, US$464 * Name^ *
Until 31 MAY 1994, US$484 _____ * *
* _____ *
Icom R7000/R7100 Kit __ * Address^ *
AR-2500 Kit __ * *
AR-3000A Kit __ * _____ *
PRO-200x Kit * City & State or Province^ *
(Experience required) __ * *
* _____ *
(Please specify your radio) * ZIP or Postal Code^ *
* *
C.O.D.: Add US$5 _____ * _____ *

(sorry, no C.O.D. to * Telephone^ *
Europe, Hong Kong, etc.) * *
****
Three to five day shipping
to Europe, Hong Kong, etc.: *** MAIL YOUR MONEY ORDER TO ********
Add US$45 _______ * *
(shipping is included in * E.C.I. *
North America) * 65 - 31 Avenue South West *
* Calgary, Alberta, Canada *
TOTAL US$ _______ * T2S 2Y7 *
* *
****

The CSI is sold as commercial diagnostic test equipment. The buyer assumes all responsibility to determine the legality of a specific application of this product.

E-MAIL

For those of you with e-mail access, we would be pleased to provide additional copies of this brochure, and answer any questions you may have via e-mail. Our INTERNET e-mail address is:

Bill.Fischer@T8000.CUC.AB.CA

Electronic Countermeasures Inc.
65 - 31 Avenue South West
Calgary, Alberta, Canada T2S 2Y7

5726. Re: USAir says 'NO' to scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-28 18:31:01 UTC
From: anand@watson.ibm.com
Message-ID: <Cs4E3p.12ny@hawnews.watson.ibm.com>
Source record: 272377

For what its worth, last year, I was allowed to use my Pro 39
on a British airways flight from London to India. The captain
okayed it right away with no fuss. He just wanted to know
what make it was.

R. Anand

5727. RADIO DIRECTIONAL FINDER

Newsgroup: rec.radio.scanner
Date: 1994-06-28 18:34:55 UTC
From: powell@unislc.slc.unisys.com
Message-ID: <1994Jun28.183455.8795@unislc.slc.unisys.com>
Source record: 272385

I have received a lot of mail requesting information,
and/or a schematic of the directional finder that I
use. Instead of individually responding, I scanned
the schematic and posted it to the net.

The following describes the directional finder that I
use in tracking transmitters on the CB. It can be
modified to work on any frequency by using the
appropriate antennas, delay line, and spacing between
the antennas. It was originally made to work with the
two meter band, and I converted it to work on the CB.

I did not create it, but was given permission to give
out schematics.

The schematic is in four parts. The parts are called:
"FINDER PART 1", "FINDER PART 2", "FINDER PART 3"
and "FINDER PART 4". The parts have been made using
uuencode, and when the uudecode has been done, the
results will be a "PCX" file.

DIRECTIONAL FINDER USED FOR TRACKING TRANSMITTERS.

To begin with, the LM723 is used to develope a VCC
of 9 volts to operate the electronics. The point between
the two resistors (15K and 10K) is used to provide a bias
point for the NE565 and the MC1458.
In operation, the NE555 provides a reference to the
NE565, and also a switch signal to the directional antennas.
The switch signal will cause the antennas to be directional
in one direction, and then reverse direction on the next
half cycle. The received signal is fed from the antennas
thru the 820 pf capacitor to the antenna input of radio
receiver. Thru one modification of the receiver, the "S"
meter is fed back into the directional to the input of the
MC1458. The output of the MC1458 goes to the NE565 which
compares this signal with the reference from the NE555. The
NE565 will provide a signal which will indicate which direction
the signal from the antennas was strongest.
The meter is a 50 ua center zero and the 100 uf capacitor
is used to dampen the meter. The 10K pot is used to zero the
meter with no signal in. The purpose of the LED's is to show
tge corresponding meter direction in the dark.

SWITCHED ANTENNA ARRAY.

The most important thing to remember is that the two antennas, indicated as antenna 1 and antenna 2, must be identical! Preferably they are to be made by the same manufactorer, and should be 109 inches long, if possible. Under no circumstances should the trucker type antennas be used as these antennas do not have the correct impedance, and in order for the system to work at its best, the antennas should be resonant. The length of coaxial cable indicated by "X" in the diagram is dependant upon individual choice, but the lengths must be the same both antennas. The input at the left hand side of the antennas in the dotted lines comes from the directional finder output. Use coaxial cable to hook up the antennas, the delay line, and the input to this part of the finder. If possible, put everything except the antennas into one box for ease of handling.

--
| |\ /|
/_/\ I never met a cat | O.O Frank PoWell
(o.o) I didn't like! | =(___)= powell@slc.unisys.com
> - < N7KSK __,,,^..^,,,__ | U

5728. Re: Has anyone cracked Uniden 9100 900MHz cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-06-28 18:58:27 UTC
From: thomas@venice.sedd.trw.com
Message-ID: <1994Jun28.185827.20150@venice.sedd.trw.com>
Source record: 272470

In article <2uk922$mo3@vixen.cso.uiuc.edu> lemson@uiuc.edu writes:

>When they come out with a frequency agile, DES-encoding cordless
>unit, THEN it will be more interesting.
>--
>David Lemson

A DES-encoding cordless unit should be interesting enough! Frequency agility wouldn't really be required ... unless your scanner's got enough computational capability to break the DES encryption ;-)

Rob

5729. Re: Cell Phone Hand-off

Newsgroup: rec.radio.scanner
Date: 1994-06-28 19:37:34 UTC
From: henniger@crl.com
Message-ID: <2upu5u$d2s@crl.crl.com>
Source record: 272182

billn@hpcvaac.cv.hp.com (bill nelson) writes:

>dwhansen@panix.com (David Hansen) writes:
>: Question:
>: When a cell phone hands the call off to another cell, how can I tell
>: which new frequency the call was handed off to. More clearly, can I decode
>: the data portion and follow the call without having to scan for the caller's
>: voice on other frequencys. The cost of such a system is not an issue, I am
>: interested in HOW I might go about this.

>Well, there is at least one unit that will allow you to follow cell handoffs.
>The price, if I remember correctly, is in excess of $4000.00. That is just a
>bit steep for most ofus.

>Bill

You need a few things to do this:

1. you need a radio receiver which can receive the voice channel,
but does not have the high frequency components of the audio attenuated.
The "BZZZT" just before handoff has the information you want to know, and
it is a 10,000 bit per second data stream (manchester encoded) so the
audio freqency of this bit stream is between 5000 Hz, and 10000 Hz. Most
receivers will attenuate this frequencies since most radios are optimized
for the 'normal' audio below 3000 Hz. Sometimes you can find a point on
the radio before the lowpass filter'ed audio, and sometimes you can't, so
you have to build your own 455Khz IF decoder (on virtually all radios,
there exists a signal with a 455Khz carrier frequency, and the audio is
modulated on top of that - and this audio has not yet been filtered)
using an IF discriminator chip. After step 1., you have the audio.

2. Now you need a way to read the audio. Since it is 10000 baud per
second, you will need to read it at least at 20 K samples/second
(Nyquist) and since it is manchester encoded, it is much easier to do it
at 40000 samples per second (since the clock is implicit in the encoding
as well.) The easies way to do this is with a DSP evaluation board, but
it can also be done with a soundblaster that can support 40K samples per
second. (8 bits is more than enough resolution.) In either case a
development environment will be required to program the hardware. What
you are looking for is slope at the middle of each bit time. A '1' bit
means that during the middle of the baud time (and a baud time is 0.1
milliseconds, or 4 samples at 40K samples/sec.) the signal is rising
(becoming larger is voltage), and a '0' bit is signified by a downward
slope in the middle of the baud time. On completion of step 2, you
should be able to differentiate and decode the '1's and '0's of the
packet stream coming from the cell site.

3. You need the specification of the Frame formats and the frame bit fields, EIA 553. This allows you to determine content of the frames and which channel the phone has been instructed to go to (excuse the dangling participle.) Derivation of the channel number allows you to use the algorithms implied by the spec to determine the new destination frequency. Upon completing step 3, you know what the new frequency should be.

4. For whatever reason (court ordered survellience, etc.) you may wish to continue monitoring the conversation on the new voice channel without the latency of manually typing in the new frequency (by the time you get there, they may have hopped someplace else, terminated the call, said the location of the drug deal, etc., and you missed it.) This means you will need a computer controlled frequency synthesized radio which you can get a development environment to program, so that you can write your own code to control the radio. This limits you somewhat. The Icom interface is published, and the PRO-2006 has aftermarket solutions, and there are other solutions as well. You need to integrate your DSP code with this new computer controlled radio code. When this is completed you should be able to determine and change your radio to the new frequency.

4. Unfortuately, cellular has channel reuse. This means that *even* if you could hear those on the voice call because they are close enough you may not be able to hear them because, after the handoff, someone else may be closer to you on the same frequency, and the 'strongest signal capture effect' of FM radio will tend to block out the one you are interested in, and instead give you this other conversation which you are now listening. You have some options:

1. You can determine through heuristics where the destination cell site is and select a directional antenna pointed at that cell site (e.g. computer controlled antenna turner, multiple yagis with one pointed at each cell site, etc.) by knowing 'interstate 27 travelers often get handed from this cell to that cell and that cell has control of these 40 voice channels, of which the new destination is one of them,etc.'

2. You could revisit your DSP code and determine which SAT tone (see EIA 553) was supposed to be on the new channel and determine that the 'wrong' conversation is now on that channel and therefore you are no longer interested, or

3. You could just monitor the new voice call (which is probably illegal now cuz you don't have a court order for this new voice call) and follow it.

BTW, there are more than one solution on the market today to provide aftermarket add-on functions to radios such as the PRO-2006. The add-ons are less than $500. Commercial products built around the Icom R7x00 are also available but are much more expensive... but this is buying your way around the problem, not solving the problem yourself.

Mick
(wb5von)

5730. Re: Cell phone handoff, II

Newsgroup: rec.radio.scanner
Date: 1994-06-28 19:50:25 UTC
From: henniger@crl.com
Message-ID: <2upuu1$fnn@crl.crl.com>
Source record: 272185

jerry@hnrc.tufts.edu (Jerry Dallal) writes:

>I have two cellular related questions that I'd be grateful if someone could
>answer.

>(1) Is it common for a conversation to change frequency while the caller
>remains in the cell?

No, it is not common but it can happen if the base determines that the
call may be getting co-channel interference (e.g. from a distant base
station involved in a distant call.)

>(2) I would guess that
>the reason a call changes cells is because the caller is moving. If one is not
>near the boundary of the new cell, wouldn't the signal from the new cell
>be too weak to copy most of the time? I'm guessing that even though the same
>frequencies aren't used within adjacent cells, the signals can't be too
>strong lest splatter or unwanted capture occur. Thus, is there any point to
>trying to follow a conversation across cells if one
>is not mobile or using high gain, directional equipment?

It is not uncommon for cell sites to be positioned well, have directional
antennas, and be transmitted at up to 10 watts or more. This means you
can hear them quite a ways away, even with an omnidirectional antenna.
With a good antenna, the limit is usually the reuse of the channel by
another user at a different cell site. When load is low (e.g. few
channels are in use, e.g. at night) this is much less of a problem.
Often times police monitoring activities occur at night as well.
Following hops of 6 or more on a lightly loaded system is common, and 2 or 3
hops average under heavy load is not uncommon.

mick
(wb5von)

5731. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-28 21:50:15 UTC
From: mech@eff.org
Message-ID: <2uq5un$aae@eff.org>
Source record: 272379
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

In article <3mj3kiubGIYB067yn@access.digex.net>,
andy domonkos <domonkos@access.digex.net> wrote:

[...]
>always be higher. The restricting feature of fiber as far as our federal
>government is concerned: less prone to wire-taping. The clipper chip
>will take care of this...
[...]

Not so. Tapping fiber is trivial. Also, Clipper would not in any way
solve this 'problem', since in order to get the Clipper communications to
decrypt, you need to tap the phone (unless one of the parties conveniently
records it for you, or other extenuation circumstances transpire).
--
Stanton McCandlish * mech@eff.org * Electronic Frontier Found. OnlineActivist
F O R M O R E I N F O, E - M A I L T O: I N F O @ E F F . O R G
O P E N P L A T F O R M O N L I N E R I G H T S
V I R T U A L C U L T U R E C R Y P T O

5732. WTB: RS PRO-43 w/CELLULAR

Newsgroup: rec.radio.scanner
Date: 1994-06-28 23:45:04 UTC
From: media2k@aol.com
Message-ID: <2uqcm0$i8u@search01.news.aol.com>
Source record: 272386

I am looking to upgrade from my now defunct Bearcat 70XLT.

I have decided on the Radio Shack PRO-43, and have found that Mary Mack is cheapest at $288. If anyone is interested in selling one of these already modified for cellular with the standard Monitoring Times MOD that is floating around, I'd be interested in the best price.

Please E-MAIL all info to me at Media 2K @ aol.com

Thanks.

5733. Re: R.S. Performance Specs?

Newsgroup: rec.radio.scanner
Date: 1994-06-29 00:13:32 UTC
From: rja@batcomfs.Eng.Sun.COM
Message-ID: <2uqebc$nit@engnews2.Eng.Sun.COM>
Source record: 272378

In article 319@tecvax.stim.tec.tn.us, ceddlemon@tecvax.stim.tec.tn.us () writes:
> Is there an FAQ or location that has reviews on the Radio Shack Scanners?
>
> I can get the PRO 2026 for $135, the 2032 for $200 or a 2006 for $359.
> I don't really need the extra 100 channels on the 2032 and I like to low
> profile of the 2026. But, if the 2032 was clearly a better performer then
> the extra $65 would not be too bad.

I have both the 2026 and the 2006. As you imply they are not in
the same class. The 2006 is a GREAT scanner, but the 2026 is great
also. The 2026 is designed for mobile use, which means it has
greater sensitivity, and it has NO INTERNAL TRANSFORMER. This means
you must run it off a 12V DC battery, or a 12V DC power supply.
If you're not prepared to buy a battery and charger, or a power
supply, you shouldn't get the 2026 :-). I've never used the 2026
with a large permanent antenna since it does just fine with a
collapsible antenna. If you put a bit antenna on it you might
have problems with overload. The 2026 has some disads that you
probably won't care about in terms of how many monitor channels
it has vs the 2006, etc., but that's what you pay extra for. Oh!
If you take the power off the 2026 (i.e. disconnect the battery
or turn off the power supply) you will LOSE ALL STORED FREQs in
the 100 memory channels. This is a bummer, and if you're not
going to install the thing in your car it's a shortcoming you
should think long and hard about.

Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

Gun Control Is Victim Disarmament

5734. At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-29 00:26:43 UTC
From: mrosneck@wv.mentorg.com
Message-ID: <2uqf43$i17@hpcan240.mentorg.com>
Source record: 272382
Cross-posted to: rec.radio.scanner,rec.autos.sport

I had an experience this weekend that I thought I'd share with the group. Armed with my new SportCat scanner, I went to a local racetrack for the evenings Super Modifieds. It was pretty interesting listening to the flag stand and the corner workers. I also got a kick out of hearing all the mini-crises that had to be dealt with to get the events pulled together.

During the main event, one of the cars flipped over into the wall in front of the stands. The wing was ripped from the car and flew down the track. When the car came upright I saw that the role bars had literally been crushed into the car. The driver was not visible.

After a few moments, it became obvious that this was a serious accident and after listening for a while longer it dawned on me that I was sitting in the midst of a number of the driver's wives and family all wanting badly to know what the situation was.

The next day the news reported that the driver died of massive head injuries.

I'm certainly glad I kept my mouth shut about what I was hearing.

As an aside, I think the track handled the situation pretty well all things considered. They were obviously well aware that fans and crew had scanners so they used the radios less and less as the seriousness of the situation became more clear. In fact, the radio traffic was, for the most part, very measured and professional.

If there's a point here it's that having a scanner in such a situation could easily turn you from a passive observer of events to a participant in a way that actually makes the situation worse. If you take a scanner to an event of this sort, you might want to give some thought about how you would react if a situation such as this occurs.

Regards,

Mark

mark_rosneck@mentorg.com

5735. R.S. Performance Specs?

Newsgroup: rec.radio.scanner
Date: 1994-06-29 00:27:32 UTC
From: ceddlemon@tecvax.stim.tec.tn.us
Message-ID: <1994Jun28.182732.319@tecvax.stim.tec.tn.us>
Source record: 272473

Is there an FAQ or location that has reviews on the Radio Shack Scanners?

I'm fairly new to this group but I haven't read of any performance comparisons that could help me decide on one scanner (or model) over another.

I can get the PRO 2026 for $135, the 2032 for $200 or a 2006 for $359. I don't really need the extra 100 channels on the 2032 and I like to low profile of the 2026. But, if the 2032 was clearly a better performer then the extra $65 would not be too bad.

The 2006 is a little more than I would like to pay at this time since I would rather purchase a full communications receiver if I was going to pay this much. (No flames - 2006 owners! Just a simple opinion ... from a simple mind.) In fact I understand there is development underway for a computer interface ... something I was thinking of doing eventually with what ever I purchase.

So ... any comments would be appreciated from anyone who knows where I can locate any performance specifications on these units. Or are there significatly better scanners out there that I have just overlooked? Please ... not looking to any ... my scanner is better than my scanner threads starting here! EMail appreciated.

ceddlemon@stim.tec.tn.us

Charles

~~~~~~
All of the opinions expressed above are my own ... you are welcome to them!
~~~~~~

5736. Re: motorola scrambled phone

Newsgroup: rec.radio.scanner
Date: 1994-06-29 00:32:17 UTC
From: rja@batcomfs.Eng.Sun.COM
Message-ID: <2uqfeh$nt3@engnews2.Eng.Sun.COM>
Source record: 272380

In article 0010310D@ccm.hf.intel.com, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
> Moto uses speech inversion on their phones. You can get a speech inversion
> kit to decode, or try the SSB tuning method. I recently ran across an
> inverted conversation and tried the SSB method on my R7000, but they hung up
> before I could fine tune, so I don't know how well it works.

How do you use SSB for listening to speech inversion?

Robert Allen, rja@sun.com

DISCLAIMER: The views expressed in this posting are mine, and
do not necessarily reflect the views of my employer.

Gun Control Is Victim Disarmament

5737. Re: R.S. Performance Specs?

Newsgroup: rec.radio.scanner
Date: 1994-06-29 00:57:49 UTC
From: dhughes@prairienet.org
Message-ID: <2uqgud$hqb@vixen.cso.uiuc.edu>
Source record: 272381

I run my 2026 in the house with a $10 Radio Shack DC converter. Just be sure you've got at least 500mA of current out of the converter. No need to spend big bucks for a full-fledged power supply.

Also, I moved the radio from the house to the car. It was unpowered for about a half hour, and when I got the wiring done in the car and turned the radio back on, it had retained every one of my preprogrammed channels. For $135, I consider the 2026 a fantastic buy. I paid more than that for mine, and mine was used, and I still feel I got a bargain. ---Dan

--

5738. Philadelphia Freq ???

Newsgroup: rec.radio.scanner
Date: 1994-06-29 03:01:51 UTC
From: gaff+@pitt.edu
Message-ID: <2uqo6v$dt1@usenet.srv.cis.pitt.edu>
Source record: 272384

I'm looking for a list of frequencies in the Philadelphia region. If anyone can post a list or knows where I can find one, I would be realy grateful. Thanks for the info.

Mike


```
+---------------------------------------------------------------------------+
| Michael Gaffney | |
| Computing and Information Services | "Your brain surgeon is |
| Hillman Library Lab Consultant | a Proctologist" |
| University of Pittsburgh | |
| Internet: gaff+@pitt.edu | -Unknown |
+---------------------------------------------------------------------------+
```
Finger me at rusty-red.cis.pitt.edu for my PGP public key.

5739. Re: USAir says 'NO' to sc

Newsgroup: rec.radio.scanner
Date: 1994-06-29 03:38:00 UTC
From: larry.nebron@pcgfx.com
Message-ID: <e7.6449.2508.0NE72A4E@pcgfx.com>
Source record: 272388

Subject: Re: USAir says 'NO' to scanner

A>Message-ID: <Cs4E3p.12ny@hawnews.watson.ibm.com>
>Newsgroup: rec.radio.scanner
>Organization: IBM T. J. Watson Research

A>For what its worth, last year, I was allowed to use my Pro 39
>on a British airways flight from London to India. The captain
>okayed it right away with no fuss. He just wanted to know
>what make it was.

I've used my scanner on several different airlines all with PIC
permission. For the most part, using them to monitor VHF-AM
communications is a waste of time. Unless you can open the window (g)
using the scanner will not produce much. If you want to monitor police,
fire, the forbidden band, then the scanner will work ok. If you really
want to monitor air to ground communication,in the air, the best
solution is your own aircraft or fly United and hope you have PIC who
will flip the observers audio switch.
---
* QMPro 1.52 * Danger: Shortwave listening is habit forming!

5740. Re: ANTENNA SUGESTIONS

Newsgroup: rec.radio.scanner
Date: 1994-06-29 05:12:19 UTC
From: jmm5h@Virginia.EDU
Message-ID: <1994Jun29.051219.5570@Virginia.EDU>
Source record: 272387

prynda@esu.edu writes:
> I am in the market for an outdoor antenna for my scanner. I
> would like to know if anyone has any suggestions. There are two models at
> radio shack for about 50-60 dollars, also I saw some units in Grove and
> Tucker for sale. Also what is the best cable to run between the antenna
> and the scanner. (which size) The total length would be around 60 feet.
> Thanks for the info.
>
>
> Sam Prynda
> East stroudsburg
>
Depending on which particular band you will be
scanning, I would reccommend the small $15.00 RS antenna.
Particularly for 150-1300MHz. The cable run sounds a bit long,
but this antenna has performed very well for me. You might
look into ways of shortening that cable length and might
consider avoiding RS cables. Really, any decent quality
antenna is going to do the job as long as the installation is
done right. Good, clean connections, no shorts or crimped
cables, and a well grounded antenna and mast will pull in most
stations in your area.
Try Grove. I have heard good things from this
newsgroup about it. You might as well order everything at once
tosave shipping costs. Good luck.

5741. Re: Penske unscrambles at Portland

Newsgroup: rec.radio.scanner
Date: 1994-06-29 06:43:13 UTC
From: kwong@ee.ualberta.ca
Message-ID: <2ur561$a1c@quartz.ucs.ualberta.ca>
Source record: 272390
Cross-posted to: rec.radio.scanner,rec.autos.sport

Mark Rosneck (mrosneck@wv.mentorg.com) wrote:

> Unfortunately, I believed the folks at the scanner rental booth who
> said that Penske was still scrambling so I never bothered to program
> the frequencies into my scanner. There are probably multiple lessons to
> be learned here. Double darn.

Are you saying that scanners were available for rent at the race track?
Can people rent scanners at all Indy Car events everywhere? What kind
of scanners do you get?

5742. Re: Yupiteru 7100

Newsgroup: rec.radio.scanner
Date: 1994-06-29 12:51:46 UTC
From: philscott@delphi.com
Message-ID: <pl0SBoK.philscott@delphi.com>
Source record: 272391

<biddle_s@kosmos.wcc.govt.nz> writes:

>Does anybody out there have any comments on the Yupiteru 7100? I'm planning
>on getting a new scanner RSN now, and would like to know what seems to good/
>bad about it, rather than listening to a sales pitch with just it's good
>points! :-)

I have a Yupi 7100...like it a lot, but use my BC220XLT a lot more. The 7100
is not great for USB reception either as it drifts.
While it has lots of channels, you either scan all 10 banks or just four of
them, can't scan 8 for example.
Again, it is a great receiver and I won't sell mine, but above are some
of the negatives you ought to know going in. Suggest you get yours
from Javiation in UK- Also have u checked out the new AR8000?? See Mon Times
that's Monitoring Times or Pop Comm for more info.

Cul Phil N3KDJ

5743. Re: NJ Police Freqs

Newsgroup: rec.radio.scanner
Date: 1994-06-29 12:57:52 UTC
From: philscott@delphi.com
Message-ID: <hq0Rpil.philscott@delphi.com>
Source record: 272392

<(NE)> writes:

>Anyone out there have a listing of the frequencies used by the NJ State
>Police cars on the interstates in Central NJ? Thanks.

Check 856-860.9375, 856-860.9625 and 856-860.7125 for troops A, B, and C
respectively.
Source of Data Scanner Master NY Metro/NJ 1993.

5744. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-29 13:46:35 UTC
From: clewis@ferret.ocunix.on.ca
Message-ID: <Cs5vLn.2JG@ferret.ocunix.on.ca>
Source record: 272398
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

In article <2uq5un$aae@eff.org>, Stanton McCandlish <mech@eff.org> wrote:
>In article <3mj3kiubGIYB067yn@access.digex.net>,
>andy domonkos <domonkos@access.digex.net> wrote:

>>always be higher. The restricting feature of fiber as far as our federal
>>government is concerned: less prone to wire-taping. The clipper chip
>>will take care of this...

>Not so. Tapping fiber is trivial.

This is a trifle misleading. Tapping fiber isn't exactly trivial, but it's not too hard. What is virtually impossible is tapping it indetectably - you have to cut it (which could raise alarms easily enough) to insert a tap.

But tapping fiber isn't really the way to go. Court orders against providers is.

>Also, Clipper would not in any way
>solve this 'problem', since in order to get the Clipper communications to
>decrypt, you need to tap the phone (unless one of the parties conveniently
>records it for you, or other extenuation circumstances transpire).

Did you miss the US legislation that mandates that communications providers (in particular Telcos) provide a spigot for law enforcement agencies to tie into? I'm not sure what happened to that, but it could probably be resurrected if it died, and they wanted it enough.
--
Chris Lewis: _Una confibula non sat est_
Phone: Canada 613 832-0541 Ferret list: ferret-request@ferret.ocunix.on.ca
Latest psroff: FTP://ftp.uunet.ca/distrib/chris_lewis/psroff3.0pl17/*
Latest hp2pbm: FTP://ftp.uunet.ca/distrib/chris_lewis/hp2pbm/*

5745. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-29 13:51:52 UTC
From: domonkos@access.digex.net
Message-ID: <MCN4kiubGcc9067yn@access.digex.net>
Source record: 272393
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

In article <2uq5un$aae@eff.org>, mech@eff.org (Stanton McCandlish) wrote:
> In article <3mj3kiubGIYB067yn@access.digex.net>,
> andy domonkos <domonkos@access.digex.net> wrote:
>
> Not so. Tapping fiber is trivial. Also, Clipper would not in any way
> solve this 'problem', since in order to get the Clipper communications to
> decrypt, you need to tap the phone (unless one of the parties conveniently
> records it for you, or other extenuation circumstances transpire).
> --
> Stanton McCandlish * mech@eff.org * Electronic Frontier Found. OnlineActivist

The Fed's want a cost effective F/O tap. My company was approached to develop such a system, can be done but not cheap like copper wire tapping.

I have to laugh, the Clipper chip is what's making all the news, like the B-2 bomber did in the 80's, then surprise, along came the F-117 Stealth. What should worry people is what isn't in the news (and probably never will until it's already embedded in comm systems). A true 'Clipper' will allow remote tapping on demand. This is very easily done to all-digital communications systems. If you understand network routers and protocol it's easy to envision how simple it would be to 're-route' a copy of a target comm to where ever you want it to go...

Andy

5746. Re: RADIO DIRECTIONAL FINDER

Newsgroup: rec.radio.scanner
Date: 1994-06-29 13:52:03 UTC
From: domonkos@access.digex.net
Message-ID: <WON4kiubG2NS067yn@access.digex.net>
Source record: 272394

In article <1994Jun28.183455.8795@unislc.slc.unisys.com>,
powell@unislc.slc.unisys.com (Frank Powell) wrote:
> I have received a lot of mail requesting information,
> and/or a schematic of the directional finder that I
> use. Instead of individually responding, I scanned
> the schematic and posted it to the net.
>

For those who like to build kits, Ramsey Electronics has a DF kit
for $60. It'll use any reciever and I had a chance to play w/one
recently. It works very well and is worth having around even if
just for fun...

Andy

5747. Re: Penske unscrambles at Portland

Newsgroup: rec.radio.scanner
Date: 1994-06-29 14:07:11 UTC
From: mbutts@netcom.com
Message-ID: <mbuttsCs5wK0.G17@netcom.com>
Source record: 272396
Cross-posted to: rec.radio.scanner,rec.autos.sport

kwong@ee.ualberta.ca (Kevin Mark Wong) writes:

>Are you saying that scanners were available for rent at the race track?
>Can people rent scanners at all Indy Car events everywhere? What kind
>of scanners do you get?

I only know about the Portland race. The last two years an outfit
(I don't remember their name) has had quite a professional booth renting
out Uniden 10-channel and 200-channel scanners and selling frequency
lists. The 10-channel units are already set up and documented to make
it easy for anyone to use. The 200-channel units likewise, and
they'll show you how to program the unit, etc. My recollection is that
a 200-channel scanner with headphones costs about $50 for the race
weekend. I thought it was well worth it last year. Only my expectation
that 3 out of the first 4 cars on the grid would be scrambled kept
me from doing it this year. Since a good scanner costs $200-300, and
I'm not interested in having a scanner otherwise, I think the rental
is a good deal.

--Mike

--
Mike Butts, Portland, Oregon mbutts@netcom.com

5748. Re: Yupiteru 7100

Newsgroup: rec.radio.scanner
Date: 1994-06-29 14:07:57 UTC
From: horak@convex.com
Message-ID: <horak.772898877@convex.com>
Source record: 272395

In <pI0SBoK.philscott@delphi.com> philscott@delphi.com writes:

><biddle_s@kosmos.wcc.govt.nz> writes:
>
>>Does anybody out there have any comments on the Yupiteru 7100? I'm planning
>>on getting a new scanner RSN now, and would like to know what seems to good/
>>bad about it, rather than listening to a sales pitch with just it's good
>>points! :-)
>
>I have a Yupi 7100...like it a lot, but use my BC220XLT a lot more. The 7100
>is not great for USB reception either as it drifts.
>While it has lots of channels, you either scan all 10 banks or just four of
>them, can't scan 8 for example.
>Again, it is a great receiver and I won't sell mine, but above are some
>of the negatives you ought to know going in.

I wouldn't sell my 7100 either. I have not noticed the SSB drifting but to
me the biggest flaw is the mandatory two second delay before the unit starts
to scan after a frequency goes silent.

David

5749. Freqs for Hampton, VA

Newsgroup: rec.radio.scanner
Date: 1994-06-29 14:16:57 UTC
From: sykes@donner.cc.bellcore.com
Message-ID: <2urvop$gi2@donner.cc.bellcore.com>
Source record: 272404

Hi,

I'm taking a trip to Hampton, VA this weekend and I wanted to do some scanning while I'm there. Could someone email me any police/fire/emergency freqs for the Hampton/Newport News area??

Thanks,

Michael

--
Michael H. Sykes
Standard disclaimers apply
sykes@donner.cc.bellcore.com
"Eat My Shorts!!" - Bart Simpson

5750. Denver area frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-29 14:22:04 UTC
From: wwhitby@aol.com
Message-ID: <2us02c$m3@search01.news.aol.com>
Source record: 272399

I am going to spend a week in Denver, Colorado, and I would like to know if anyone has a frequency list for police, fire, etc. Please e-mail me a copy as
I don't have direct ftp yet.

Thanks,

Warren Whitby
KE4ITL

5751. Delta Airlines scanner rules

Newsgroup: rec.radio.scanner
Date: 1994-06-29 14:23:03 UTC
From: wwhitby@aol.com
Message-ID: <2us047$n3@search01.news.aol.com>
Source record: 272400

Does anyone know what Delta's policy regarding scanner use on flights
is?

Thanks,

Warren Whitby
KE4ITL

5752. Re: R.S. Performance Specs?

Newsgroup: rec.radio.scanner
Date: 1994-06-29 14:35:56 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-290694073631@earl.llnl.gov>
Source record: 272397

In article <2uqgud$hqb@vixen.cso.uiuc.edu>, dhughes@prairienet.org (Dan Hughes) wrote:
>
>
>
> I run my 2026 in the house with a $10 Radio Shack DC converter. Just be
> sure you've got at least 500mA of current out of the converter. No need
> to spend big bucks for a full-fledged power supply.
>
> Also, I moved the radio from the house to the car. It was unpowered for
> about a half hour, and when I got the wiring done in the car and turned
> the radio back on, it had retained every one of my preprogrammed channels.
> For $135, I consider the 2026 a fantastic buy. I paid more than that for
> mine, and mine was used, and I still feel I got a bargain. ---Dan

The newer version, 20-148A, will retain memory for 14 days according to the manual.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

5753. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-29 15:04:08 UTC
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Message-ID: <1994Jun29.150408.1915@mixcom.mixcom.com>
Source record: 272403
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

In article <CrxDMH.40@newsflash.concordia.ca>,
Andrew Francis <andrew@gmvt4.concordia.ca> wrote:
>In article <Crx4o1.15x@cunews.carleton.ca> swyerxa@superior.carleton.ca
>(Shawn W. Yerxa) writes:
>
>Jim Grant (jimg@gov.nt.ca) wrote:
>
>JG> Reading the minutes of the last advisory council meeting, fills me
>JG> with dread! Somehow under the guise of social impacts they are being
>JG> presented with a recomendation to endorse the position that there should
>JG> be laws preventing private citizens from monitoring communications that
>JG> are broadcast despite being essentially private (cellular phone traffic
>JG> and other sorts of radio communications).
>
>What is wrong with that? Telephone conversations are considered to be
>private and it is illegal for most third parties to easedrop regardless of
>the precautions or lack of precautions the telephone conversationalists
>take. The fact that the conversation takes place via cellular phone, a
>radio broadcast medium, shouldn't matter. It sounds like the government
>is merely harmonizing the existing privacy laws in sections S.183 to S.196
>of the Criminal Code. Consequently, I did find little merit in Mr. Grant's
>line of reasoning.

All "harmonizing" aside...

I find little merit in a law that cannot be enforced! It's like making
drugs or guns illegal. Because of the Electronic Communications Privacy
Act, cell phone vendors are happy to tell prospective (or existing) customers
that their cellular phone calls are secure or cannot be easily monitored.

Try this... Call your local vendor, play fat dumb and happy, and see what
they say when you ask if someone will be able to monitor your calls?
Do you think their going to risk losing a sale??

Better yet, wait till they finish their sales pitch and then inform them
that you are with the local news media. You are doing a story on cellular
privacy and the conversation is, in fact, occuring over a cellular phone.
You are also recording the conversation captured by a $200.00
scanner. This is good for a laugh ot two!! :-))

The point is that if it's easy to monitor, a criminal, or anyone else after
any information you may divulge, is not going to care about a law that
is unenforceable. There is no shortage of high-tech white-collar crime.

IMO, Clipper is not the solution. It's just an open wire-tap license for the government. I am, perhaps, MORE worried about uncontrolled government monitoring than anything else.

Rather than making laws, let's conentrate on making data truly secure, from the government and anyone else.

Personally, I never divulge anything too personal (account numbers, passwords, DTMF tones) while using my cell phone. It's about as secure as broadcasting the data over an amateur radio 2-meter band repeater! ;-))

If the Milwaukee area ever gets TDMA (or CDMA) cellular, I may change my attitude. For now, at least, I will not rely on the ridiculous ECPA.

--
/`-_ kevin.jessup@mixcom.com | Vote Libertarian!
{ }/ |
\ / N9SQB, ARRL, Amateur Radio | Call 1-800-682-1776
|__*| N9SQB @ WA9POV.#MKE.WI.USA.NA | for more information.

5754. ICOM R-1 Receive Problem

Newsgroup: rec.radio.scanner
Date: 1994-06-29 15:13:58 UTC
From: DEVENNEY@VM.TEMPLE.EDU
Message-ID: <16FE49DF6S86.DEVENNEY@VM.TEMPLE.EDU>
Source record: 272402

My ICOM R-1 has an intermittent receive problem. Periodically, when I power it up, I only hear garbled (or no) transmissions. It remains that way after numerous power on/off cycles, and then eventually (often days later) returns to its normal self. I wondered if anyone else has had the same problem or has a suggestion.

5755. Re: R.S. Performance Specs?

Newsgroup: rec.radio.scanner
Date: 1994-06-29 15:15:30 UTC
From: magnet@nRCHs022
Message-ID: <2us36i$67a@corpgate.rich.nt.com>
Source record: 272401

Dan Hughes (dhughes@prairienet.org) wrote:

|I run my 2026 in the house with a $10 Radio Shack DC converter. Just be
|sure you've got at least 500mA of current out of the converter. No need
|to spend big bucks for a full-fledged power supply.
|
|Also, I moved the radio from the house to the car. It was unpowered for
|about a half hour, and when I got the wiring done in the car and turned
|the radio back on, it had retained every one of my preprogrammed channels.
|For $135, I consider the 2026 a fantastic buy. I paid more than that for
|mine, and mine was used, and I still feel I got a bargain. ---Dan

|--

The manual states the memory will be maintained for approx. 14 days if
disconnected from 12v source.

--
brad.glidewell@nt.com
/>
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[\\\\\\(0):::<=====================================-
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\>

5756. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-29 15:36:56 UTC
From: rjgrocho@aud.alcatel.com
Message-ID: <2us4eo$91h@fozzy.aud.alcatel.com>
Source record: 272405

In article i17@hpcan240.mentorg.com, mrosneck@wv.mentorg.com (Mark Rosneck) writes:
->I had an experience this weekend that I thought I'd share with the group.
->
(Interesting Story Deleted For Brevity)

Having had a similar experience, I now use a quality earpiece ... exclusively.
Only when I'm with other scanner enthusiasts, do I share the signal "raw" as it
comes thru the speaker.

RG

5757. Re: Question

Newsgroup: rec.radio.scanner
Date: 1994-06-29 16:03:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <6a5_9406291235@blkcat.fidonet.org>
Source record: 272408

K> : Thats fine with me. But if its not xmitted then how did they get
K> : my home phone #? If 800 and such numbers receive them then its time
K> : shut off the phone and just use snail mail. I get TONS of crap mail
K> : but at least they dont ring bells when they arrive!
K> : CID should go the way of the deamon dialer.

If you are willing to pay - Large companys with 800 numbers have
the option to have the calling number displayed when their 800
number is called. Not only is the number displayed but the name
of the subscriber is also displayed. When you make *ANY* call
the first central office knows (for billing) your number. That
information can and is transmitted forward to the called (800)
party. Caller ID is when your number is transmitted back to another
local subscriber and that is another service not yet available in
many areas. Forward transmitting of your number has been available
for many years since the advent of electronic switching. At one
time one company with an 800 number was answering their phones and
saying Hello (your name). This supprised/stuned so many customers
they had to quit doing it. Believe me if you use you phone (except
cellular) they KNOW who you are!

Fidonet: Tom Eagan 1:109/239
Internet: Tom.Eagan@f239.n109.z1.fidonet.org

5758. Re: Question

Newsgroup: rec.radio.scanner
Date: 1994-06-29 16:09:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <6a6_9406291235@blkcat.fidonet.org>
Source record: 272409

B> : In my last phone bill was a leaflet on Caller ID that warned that m
B> : number may be available to the receiving party if I call 700, 800,
B> : numbers. I believe that this has always been the case, long before
B> : ID was generally available. Also, this info cannot be blocked by Ca
B> : ID blocking.

This "option" has long been available to anyone with the 700, 800
or 900 numbers. It is that the phone co never bothered to tell you!

Fidonet: Tom Eagan 1:109/239
Internet: Tom.Eagan@f239.n109.z1.fidonet.org

5759. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-29 17:23:11 UTC
From: marty_bose@bdt.com
Message-ID: <marty_bose-290694092311@mac_mar_bose.net.com>
Source record: 272406

In article <2uqf43$i17@hpcan240.mentorg.com>, mrosneck@wv.mentorg.com (Mark Rosneck) wrote:

> If there's a point here it's that having a scanner in such a situation
> could easily turn you from a passive observer of events to a participant in
> a way that actually makes the situation worse. If you take a scanner to
> an event of this sort, you might want to give some thought about how
> you would react if a situation such as this occurs.
>

Having seen a picture of the Supermodified you mentioned, I can only agree that it was obviously a serious issue as soon as it happened. You make an interesting (and sobering) comment on the side effects of knowing more than perhaps you need to. Thanks for the observation.

Marty

--
haven't thought up anything clever yet.

5760. Bearcat 100xl, 145xl, 210xlt

Newsgroup: rec.radio.scanner
Date: 1994-06-29 17:37:06 UTC
From: solso@prairienet.org
Message-ID: <2usbg2$k92@vixen.cso.uiuc.edu>
Source record: 272407

I was wondering if there was any mods for the Bearcat 100xl, 145xl,
and/or the bearcat 210xlt?? Please email them to me or tell me an ftp
site or some place to get them. Thanks

--
Stan Olson email:solso@prairienet.org
P.O. Box 1122
Champaign, Il. 61824-1122
U.S.A.

5761. Re: Penske unscrambles at Portland

Newsgroup: rec.radio.scanner
Date: 1994-06-29 18:57:20 UTC
From: holtzman@shazam.ecs.csus.edu
Message-ID: <2usg6g$o1f@csusac.ecs.csus.edu>
Source record: 272410
Cross-posted to: rec.radio.scanner,rec.autos.sport

Perhaps I can give a little insite about the communications. Most of the racing facilities and organizations have their own radios. SCCA, the organization I belong to have their own communications equipment. When some special events come up, such as NASCAR, INDY CARS, the group of officials that travel with the series will supply the radio equipment. The official company that supplies the radios is "Racing Radios". From my experience, they usually use UHF Motorola P200, 6 channel radios, with a repeater system. They supply the necessary microphones, DC headphones, etc. We turn the equipment in daily for maintenance and battery charging. We use our normal radio equipment as backup and for other details. "Racing Radios" also rents scanners, and sells frequency lists at the track.

If people are really interested, and would like a great track-side view, consider joining The Sports Car Club of America, known as the SCCA. We have non-paid jobs in many specialties. I don't have any phone numbers handy, but the main office is in Denver, CO.

James Holtzman kc6ncg, SCCA Emergency Crew, San Francisco Region
(holtzman@shazam.ecs.csus.edu)

5762. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-29 19:28:50 UTC
From: wtm@uhura.neoucom.edu
Message-ID: <1994Jun29.192850.20004@uhura.neoucom.edu>
Source record: 272411
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

Fiber doesn't have to be cut to be tapped. It is possible to get light out of fiber by bending. High security operations put wiring and fiber in sealed pressurized conduts. The intent is that cutting into the conduit to get at the goodies inside will cause a pressure disturbance which may be detected. I've heard that spooks are working on or have worked out ways to drill into conduct and install dams and bypassess in a way that can not be detected. If the value of your information is great enough, the other side will spend an amount communsurate with the cost savings of not having to duplicate the your effort of creating the information. If your information is unique, the other side might be willing to spend a lot.

On thing is that it is often easier to get human beings to spill the beans than to go to extraordinary lengths to tap or decode transmissions. For example, consider the magnitude of US intelligence data that the Walker family gave away to the soviets for paltry monitary consideration. Also, consider how long it took the US government to realize it had a problem.

--
Bill Mayhew NEOUCOM Computer Services Department
Rootstown, OH 44272-0095 USA phone: 216-325-2511
wtm@uhura.neoucom.edu amateur radio 146.58: N8WED

5763. Re: Weather Satellites?

Newsgroup: rec.radio.scanner
Date: 1994-06-29 20:40:18 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Jun29.204018.17930@rsg1.er.usgs.gov>
Source record: 272412

In article <JAI4kClg1K2E066yn@kaiwan.com>, alf@kaiwan.com (Alfred Lee) writes:
|> In article <2un1ft$d6i@ionews.io.org>, Adam Mottershead wrote:
|> >
|> > I have an old RS Pro-34 Handheld scanner.
|> >
|> > I am interested in picking up the weather satellites that broadcast in the VHF
|> > band (aren't they around 135-145 Mhz)?
|>
|> 162.400 <2>
|> 162.425 <4>
|> 162.450 <5>
|> 162.475 <3>
|> 162.500 <6>
|> 162.525 <7>
|> 162.550 <1>
|>
|> > What I need to know is what kind of antenna I need to pick these up. Any
|> > pointers or plans would be appreciated.
|> >
|>
|> I use the stock rubber duckie antenna but I'm only 40-50 miles from
|> the transmitter.

You two are talking two different things here. The original post was about
weather satellites. The response gave the frequencies for the (ground based)
NOAA weather stations.

I don't know of any satellites in the 135-145 Mhz range. The range 135-143.99?
is allocated for aircraft and 144-145 Mhz is the bottom of the amateur
2M band...

--
++
+ Tom Bodoh - Section Manager, Systems Engineering and Management, Hughes STX +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) Amateur radio call; N0YGT +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

5764. Re: Penske unscrambles at Portland

Newsgroup: rec.radio.scanner
Date: 1994-06-29 20:48:07 UTC
From: jimz@infinet.com
Message-ID: <2usmm7$kdt@rigel.infinet.com>
Source record: 272413
Cross-posted to: rec.radio.scanner,rec.autos.sport

In article <2ur561$a1c@quartz.ucs.ualberta.ca> you wrote:
: Mark Rosneck (mrosneck@wv.mentorg.com) wrote:

: > Unfortunately, I believed the folks at the scanner rental booth who
: > said that Penske was still scrambling so I never bothered to program
: > the frequencies into my scanner. There are probably multiple lessons to
: > be learned here. Double darn.

: Are you saying that scanners were available for rent at the race track?
: Can people rent scanners at all Indy Car events everywhere? What kind
: of scanners do you get?

Last year at Mid-Ohio I noticed a booth renting scanners and selling frequency lists. Since I already had a scanner, I bought one of the frequency pamphlets for $15. I'm looking at it now, so I'll copy some information from it.

The organization is called 'Racing Radios-- Fan Scan,' and is listed as being the 'official communications company' for several racing bodies including IndyCar, Nascar, NHRA, IHRA, Arca, IMSA, and several others.

The address is--

PO Box 584
309 Agnew Drive, Suite C
Forest Park, GA 80050
404-366-3796

[I've also heard that they can be reached by calling 1-800-RACE-FAN.]

The radios for rent are primarily BC-200XLT's, but I remember another radio (also BC) as well. I think the prices ranged from about $20 for one day or $35 for the weekend, and included full hearing protector type headphones. The scanners come pre-programmed for the main event of the weekend, and the channel numbers correspond to the car number. For instance, channel number 1 would be Nigel Mansell this year.

The frequency list from last year that I bought was a little expensive at $15, but for about $20 you could subscribe to a year of frequency lists. I'll probably do that this year, as I've since purchased season tickets to Mid-Ohio.

I hope this helps.

--
/+-\
| jimz@infinet.com | What's better than roses on your piano? |

```
| Call me Wookie; | Finger me for the answer. |
| everyone else | |
| does. | Disc: Don't even bother listening to me. |
\-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+/
```

5765. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-06-29 21:06:22 UTC
From: JEFF.KELLEY@sable.com
Message-ID: <B5B5E56A@sable.com>
Source record: 272414

RO>I think you will find the RS employee does not know what he is talking
RO>about. There is no new 2006, and won't be.

RO>Gary

Have you once met a RS employee who did know what they were talking
about? At least I haven't in the many RS's that I've been to.

Jeff Kelley
-jeff.kelley@sable.com

* OLX 2.1 * That's worth a nice, shinny quarter.

==========
Sable OnLine! - The Next Generation of Online Service.
==========

=======

5766. Re: Delta Airlines scanner rules

Newsgroup: rec.radio.scanner
Date: 1994-06-29 21:19:04 UTC
From: rdervan@mindspring.com
Message-ID: <rdervan.114.001551F9@mindspring.com>
Source record: 272419

In article <2us047$n3@search01.news.aol.com> wwhitby@aol.com (Wwhitby) writes:
>From: wwhitby@aol.com (Wwhitby)
>Subject: Delta Airlines scanner rules
>Date: 29 Jun 1994 10:23:03 -0400

>Does anyone know what Delta's policy regarding scanner use on flights
>is?

Same as laptop computers. During flight, they are ok. But not during
takeoff, initial climb, descent, landing, or taxi.

-Richard

5767. Re: Penske unscrambles at Portland

Newsgroup: rec.radio.scanner
Date: 1994-06-29 21:26:07 UTC
From: dp@hydra.carleton.CA
Message-ID: <Cs6GvJ.HEB@cunews.carleton.ca>
Source record: 272415
Cross-posted to: rec.radio.scanner,rec.autos.sport

In article <2usmm7$kdt@rigel.infinet.com> jimz@infinet.com (James M. Ziogas) writes:
[much deleted]
>
>The frequency list from last year that I bought was a little expensive at
>$15, but for about $20 you could subscribe to a year of frequency lists.

This would seem to be an ideal service to distribute electronically. Any
enterprising folks with frequency info out there? (I'm not suggesting that
anyone break copyright laws).

Dave

--
Dave Perry | Any opinions stated here are mine
dp@hydra.carleton.ca | and have nothing to do with Carleton University
va3dp@va3tcp.#eon.on.noam |

5768. Re: Weather Satellites?

Newsgroup: rec.radio.scanner
Date: 1994-06-29 21:31:35 UTC
From: bbb@kuhub.cc.ukans.edu
Message-ID: <1994Jun29.163136.66911@kuhub.cc.ukans.edu>
Source record: 272416

In article <JAI4kClg1K2E066yn@kaiwan.com>, alf@kaiwan.com (Alfred Lee) writes:
> In article <2un1ft$d6i@ionews.io.org>, Adam Mottershead wrote:
>>
>> I have an old RS Pro-34 Handheld scanner.
>>
>> I am interested in picking up the weather satellites that broadcast in the VHF
>> band (aren't they around 135-145 Mhz)?
>
> 162.400 <2>
> 162.425 <4>
> 162.450 <5>
> 162.475 <3>
> 162.500 <6>
> 162.525 <7>
> 162.550 <1>
>
>> What I need to know is what kind of antenna I need to pick these up. Any
>> pointers or plans would be appreciated.
>>
>
> I use the stock rubber duckie antenna but I'm only 40-50 miles from
> the transmitter.
>

WOW!
The view must be fantastic.
:)

So how do you get your news feed way up there?
And isn't the air a little thin?

:)

> --
> Alfred Lee, KE6??? Fountain Valley, CA, U.S.A. alf@kaiwan.com
> FCC listening? ^ 'The answer is (e^i + 1) ? "Yes" : "No"'

Sorry I couldn't help myself.
Adam said WEATHER SATELLITES, not Weather stations.
I too would like to know more about receiving statellite data.
Anybody know more?

BB

5769. WTB: Pro-43 & Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-06-29 23:17:52 UTC
From: banister@lobby.ti.com
Message-ID: <banister.36.00174CE9@lobby.ti.com>
Source record: 272316

Anyone have a RS PRO-43 and/or RS PRO-2006 for sale? Send info
(model, price, condition, ...etc) to me by E-mail ASAP.

Danny
banister@lobby.ti.com

5770. Re: USAir says 'NO' to scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-29 23:43:48 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.13.0011BB66@chevron.com>
Source record: 272420

In article <1994Jun27.025302.22231@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:
[snip]
>ericd@pacifier.rain.com (Eric Dahlquist) writes:
>: the case, but another story.) The flight attendant came back and said
>: "They are on 128.55, but you can't use that on this flight," and the
>: reasoning behind it was that it had a VOR in it. (I know that VOR stands
>: for VHF Omni-directional Range finder, but I didn't tell her this). I
[snip]
>This was a bogus claim. ALL commercial aircraft have VOR receivers, and
>they use them so that they can follow the airways. (with required deviations
>as directed by inflight services)

>That flight was no different than any other.

Just about ALL aircraft (not just commercial) have VOR receivers onboard along with other equipment operating on a wide range of frequencies...

Distance Measuring Equipment (DME) is between 900 and 1000 MHz. TX/RX
Transponders use 1000 to 1100 MHz. TX/RX
Glideslope Receivers are in the lower 300 MHz area. RX
Automatic Direction Finder (ADF) 100 to 1000 or so KHz. RX
VHF Comm 118-136 MHz. TX/RX
VHF Nav 108-118 MHz. RX

You'll find this equipment in your average Cessna, not just a 747. Any of this equipment could be effected by the local oscillator in a scanner. Scanners that scan multiple freq bands can generate higher than expected interference when the LOs switch modes in different bands. I had a rythmic popping on a VHF ham transceiver that I quickly isolated to a synthesized scanner. The pops occured when the scanner went from VHF to UHF and back while scanning channels. Scanning only one band or the other alone caused no trouble. I wouldn't want to experiment with what does and does not cause interference at 600 MPH and 35,000 feet.

Also remember that ALL flights above 18,000 feet are operated under Instrument Flight Rules (IFR). This is the case for just about every jet flight. It is entirely justified for the airline and the crew to be concerned with potential sources of interference. I won't even use a handheld aviation transceiver under IFR unless my primary systems failed.

Curtis Wheeler
San Ramon, California
cgwh@chevron.com

5771. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-30 00:21:17 UTC
From: clewis@ferret.ocunix.on.ca
Message-ID: <Cs6ozI.69r@ferret.ocunix.on.ca>
Source record: 272423
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

In article <1994Jun29.192850.20004@uhura.neoucom.edu>,
Bill Mayhew <wtm@uhura.neoucom.edu> wrote:
>Fiber doesn't have to be cut to be tapped. It is possible to get
>light out of fiber by bending.

I don't think that this is possible with the multi-gigabit telco fiber,
according to what I've been told recently, but I guess I wuz wrong
about fiber in general (eg: FDDI). Oops. [He says trying to forstall
the rest of the "you're wrong!" mail flood ;-)]

>On thing is that it is often easier to get human beings to spill
>the beans than to go to extraordinary lengths to tap or decode
>transmissions. For example, consider the magnitude of US
>intelligence data that the Walker family gave away to the soviets
>for paltry monitary consideration. Also, consider how long it took
>the US government to realize it had a problem.

I'll never forget the interviews with them where they simply didn't
seem to understand that there actually was some reason that they
shouldn't sell military secrets to the Soviets. Some of the
dumbest people I've ever seen - never did figure out why the US
government could have hired such morons in the first place.
--
Chris Lewis: _Una confibula non sat est_
Phone: Canada 613 832-0541 Ferret list: ferret-request@ferret.ocunix.on.ca
Latest psroff: FTP://ftp.uunet.ca/distrib/chris_lewis/psroff3.0pl17/*
Latest hp2pbm: FTP://ftp.uunet.ca/distrib/chris_lewis/hp2pbm/*

5772. Re: Weather Satellites?

Newsgroup: rec.radio.scanner
Date: 1994-06-30 00:55:53 UTC
From: copeland@metronet.com
Message-ID: <Cs6qL6.8Ks@metronet.com>
Source record: 272417

In article <JAI4kClg1K2E066yn@kaiwan.com>, Alfred Lee <alf@kaiwan.com> wrote:
>In article <2un1ft$d6i@ionews.io.org>, Adam Mottershead wrote:
>>
>> I have an old RS Pro-34 Handheld scanner.
>> Im interested in picking up the weather satellites that broadcast in the VHF
>> band (aren't they around 135-145 Mhz)?
>
>162.400 <2>
>162.425 <4>
>162.450 <5>
>162.475 <3>
>162.500 <6>
>162.525 <7>
>162.550 <1>
>
>> What I need to know is what kind of antenna I need to pick these up. Any
>> pointers or plans would be appreciated.
>>
>
>I use the stock rubber duckie antenna but I'm only 40-50 miles from
>the transmitter.

no no no. Not weather stations, weather satellites.

I know of one, NOAA-12 on 137.5mhz (or 137.65mhz). I've heard the thing,
it makes an orbit about every 80 minutes. Sounds like a fax, but I've
yet to wait around to catch it.

A better place is on SW 8080.3mhz LSB and 9090.3mhz LSB. The naval
weather station in Norfolk,VA retrasmits GEOS and LEO fax sattelite
pictures every hour, fifteen minutes past the hour. You can pick them
up with a PC, the $5 hamcom interface and a SW radio with SSB.

The faxes are 1000X1500 and truly hi-resolution and awesome.
Check in rec.shortwave for the hamcom faq if interested.

--

| copeland@metronet.com |

5773. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-30 02:03:54 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jun29.210354.2553@hnrc.tufts.edu>
Source record: 272418

In article <Cs3tHr.9Br@sgb.oau.org>, steven@sgb.oau.org (Steven Bradley) writes:

> I WILL R E P E A T WHERE IS IT AGAINST ANY LAW TO DISCUSS, DEBATE,
> EXCHANGE INFORMATION ON EQUIPMENT, SOURCES, MONITORING OF, THE
> FREQUENCY RANGES OF CELLULAR MONITORING!?!?!?
>

I don't recall ever saying it was. No doubt my (any) post can be edited to make it appear to be that, however. What I did say--and I'll repeat only because there are two people with the same confusion and both snip the relevant material from their followups--was

: If some can't see the
: problems posed by a newsgroup where posters openly speak about committing
: illegal activity in the area/topic to which the group is dedicated, I'm
: afraid there's little I can say to help.

You can go back and reread the post. It refers to admissions of engaging in illegal activity and encouraging others to do likewise.

To repeat once more: if you don't see it I can't help. Really.

Shouting won't change anything. Sorry I can't help.

5774. Re: Weather Satellites?

Newsgroup: rec.radio.scanner
Date: 1994-06-30 02:59:40 UTC
From: philscott@delphi.com
Message-ID: <xY-S5EM.philscott@delphi.com>
Source record: 272421

Weather satellites come in a few varieties actually...there are a number of
them in the 137 Mhz range, most often at 137.5 Mhz. Also in the high
2.x Ghz area I think. Some of the more prevalent ones are:
NOAA-9 137.62
NOAA-10 137.5
Meteor 2-20 137.85
and so on. You'll need a special demodulator to make the signal sensible,
but most any decent antenna will do. Discone is very good as is omni-
directional. Also, the bandwidth of most scanners needs to be modified
to deal well with the signal from these 'birds'. Suggest read MARCH 1994
"73 Amateur radio Today"...has list of vendors and satellite freqs. etc.
Also excellent coverage every month in "Shortwave Magazine", a great
British publication.
Phil Scott
N3KDJ
pscott@wellfleet.com

5775. Re: Philadelphia Freq ???

Newsgroup: rec.radio.scanner
Date: 1994-06-30 03:07:42 UTC
From: philscott@delphi.com
Message-ID: <xewSh2G.philscott@delphi.com>
Source record: 272422

Suggestions re Philadelphia Freqs:
1. Get Scanner Master Philadelphia Guide, call 617-653-9041
2. Join Northeast Scanning News, PO Box 62, Gibbstown, NJ 08027
Send $3.00 for sample
3. Call Scanner BBS in Bryn Mawr, PA 215-525-4004 @9600-8-N-1
If need further Email me at pscott@wellfleet.com

5776. Please post MOD for BC 2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-06-30 03:55:06 UTC
From: media2k@aol.com
Message-ID: <2utfmq$cs4@search01.news.aol.com>
Source record: 272332

Forgive me if I've missed it, but I've looked back a ways and cannot locate any complete MOD for the 2500 XLT (as complete as those posted for the RS PRO-43).

Can someone please provide?

Thanks much.

Media 2K

5777. Scanner BBS's?

Newsgroup: rec.radio.scanner
Date: 1994-06-30 03:56:01 UTC
From: media2k@aol.com
Message-ID: <2utfoh$csk@search01.news.aol.com>
Source record: 272331

Does anyone have a complete (or even semi-complete) list of BBS's
which cater to scanning? If so, I would appreciate the info.

Thanks!

Media 2K

5778. Re: R.S. Performance Specs?

Newsgroup: rec.radio.scanner
Date: 1994-06-30 04:27:11 UTC
From: ceddlemon@tecvax.stim.tec.tn.us
Message-ID: <1994Jun29.222711.322@tecvax.stim.tec.tn.us>
Source record: 272327

In article <1994Jun28.182732.319@tecvax.stim.tec.tn.us>, ceddlemon@tecvax.stim.tec.tn.us writes:
> Is there an FAQ or location that has reviews on the Radio Shack Scanners?

... deleted stuff ...

>
> So ... any comments would be appreciated from anyone who knows where I can
> locate any performance specifications on these units. Or are there
... more deleted ...

Much thanks to the several who pointed out some of the features I was wondering about. I ordered the 2026 ... the memory will hold up to 14 days according to a couple of EMails I received.

For those who have access to a FAX machine (or FAX MODEM) you may be pleased to know that TANDY has a technical FaxBack service. Dial it up and patiently go though the selection process until you get to the product (scanner) you're interested in. By following their instuctions I was able to capture the specs on several scanners (in only three dialups!).

For those interested the number is (800) 323 6586. As usual, no humans there but if you'll be patient you can work your way though the menus and get the info FAXed back right after you hang up.

FWIW the Tandy HUMAN help line, a TOLL number, never got me to a human ... just a continuous steam of messages telling me to "hold on ... your call is important to them, etc. " . So I gave that one up after a 5 minute wait.

Charles ceddlemon@a1.stim.tec.tn.us

~~~~~~
These comments are my personal opinions.
~~~~~~

5779. Re: Best Cellular Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-06-30 04:32:27 UTC
From: dleon@seas.smu.edu
Message-ID: <1994Jun30.043227.11594@seas.smu.edu>
Source record: 272328

In article <Cs3tHr.9Br@sgb.oau.org>, Steven Bradley <steven@sgb.oau.org> wrote:
>Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
>: In article <1994Jun27.031337.22656@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com (bill nelson) writes:
>: >
>: > Why is it inappropriate, much less dangerous? In the first place, how does
>: > anyone know that the person making the claim is actually doing so? How do
>: > we know the postings are not forgeries? How would it endanger the existance

Actaully, you need to make one very important distinction: they were
not asking someone to break the law, only how to break it. In other
words, no one was soliciting crime.

>: > of the newsgroup?
>: >
>
>: For the same reason that it would be inappropriate in *any* newsgroup to
>: openly flout the law and encourage others to do likewise. The newsgroup
>
> I WILL R E P E A T WHERE IS IT AGAINST ANY LAW TO DISCUSS, DEBATE,

There is a fine line between talking about how to break the law and
asking someone to help you break the law. Sometimes it is hard to tell
which is which.
> EXCHANGE INFORMATION ON EQUIPMENT, SOURCES, MONITORING OF, THE
> FREQUENCY RANGES OF CELLULAR MONITORING!?!?!?
>
> The law deals with the listening and reception OF, not the how to,
> where to, when to, etc. Since the law PERMITS POSSESSION OF, and
Just a little concern from the original poster, I would assume.
Considereing the paranioa with net funding, it might not be an invalid
concern. (lots of commercial sites have been dropping newsgroups for various
reasons)
B
B
B
B
B

> the EXCHANGE OF INFORMATION is NOT ILLEGAL, please may I ask, WHAT
> IS YOUR PROBLEM?
>
> I could state I rob banks for a living, guess what, I can legally
> say that. Now if someone wishes to try and PROVE so, that would
> take more than just the statement made above. If I were in a

It might depend on how your confession was obtained. Also keep in mind
that no one wants to go through the hassle of getting arrested, etc.
Not that I think that anyone would get arrested, of course.

> jury on the ECPA being broken by someone due only to statements
> that he/she made stating he/she does so, I would have a hard to
> to prosecute that case without some live witnesses who had also
> SEEN AND HEARD monitoring activity being performed FIRST HAND.
>
> I think it's about time we attracted some of our U.S. constitutional
> friends and supporters of civil liberties over here (if they have not
> already got here).
>
> I believe the law specifically states specific frequency ranges
> not to monitor. That law specifically directs a specific action,
> the ACT of MONITORING. Now, it does NOT state you can not discuss
> HOW to do it, and we DO have CANADIANS here -- where this legal
> garbage has no meaning anyhow. Where in ANY of the cellular
> laws does it state "Thou shalt not speak of this, discuss equipment
> for transgressing of, discuss methods of import or modification for
> transgressing of", etc?
>
>Steven
>---
>Internet: steven@sgb.oau.org | Steven G. Bradley
> steven@gate.net | Forest City, Florida
> steven@transquest.oe.fau.edu |-----------------------
>CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
>America Online: sgbradley@aol.com | Modem: 407/862-8088

Dave (who is having massive trouble with the line editor)

5780. Re: Has anyone cracked Uniden 9100 900MHz cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-06-30 05:24:16 UTC
From: acid+@cs.cmu.edu
Message-ID: <2utku0$e91@casaba.srv.cs.cmu.edu>
Source record: 272330

In article <1994Jun28.185827.20150@venice.sedd.trw.com>,
Rob Thomas <thomas@venice.sedd.trw.com> wrote:
:In article <2uk922$mo3@vixen.cso.uiuc.edu> lemson@uiuc.edu writes:
:
:>When they come out with a frequency agile, DES-encoding cordless
:>unit, THEN it will be more interesting.
:
:A DES-encoding cordless unit should be interesting enough! Frequency
:agility wouldn't really be required ... unless your scanner's got enough
:computational capability to break the DES encryption ;-)

Oh it will, soon.

-chris

5781. Re: Philadelphia Freq ???

Newsgroup: rec.radio.scanner
Date: 1994-06-30 05:42:21 UTC
From: ptbast@wpi.edu
Message-ID: <2utlvt$l47@bigboote.WPI.EDU>
Source record: 272329

philscott@delphi.com wrote:
: Suggestions re Philadelphia Freqs:
: 1. Get Scanner Master Philadelphia Guide, call 617-653-9041
They also have a 800 number for orders: 1-800-722-6701. From the advert I'm looking at, it looks like they only offer the Pocket Guide for the Greater Phila and South Jersey area. $13.95 + $2.50 s&h

: 2. Join Northeast Scanning News, PO Box 62, Gibbstown, NJ 08027
: Send $3.00 for sample
: 3. Call Scanner BBS in Bryn Mawr, PA 215-525-4004 @9600-8-N-1
: If need further Email me at pscott@wellfleet.com

5782. Military Aircraft Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-06-30 09:37:34 UTC
From: as_french@Suburb.enet.dec.com
Message-ID: <1994Jun30.093734.19036@janix.pcs.dec.com>
Source record: 272333

In the UK about a year or so ago the Military aircraft frequencies changed.
Does anyone have a list of active frequencies. I live in Reading so anything around there or London or Hampshire would be of interest.

Many thanks.

Simon

5783. Re: radio shack pro-42

Newsgroup: rec.radio.scanner
Date: 1994-06-30 10:53:34 UTC
From: dhughes@prairienet.org
Message-ID: <2uu87e$50m@vixen.cso.uiuc.edu>
Source record: 272335

>hi everyone, does anyone know oof any mods for the rat shack pro-42 scanner?
>any and all mods...the most wanted one is a mod for the 800mhz "business"
>band.

Sorry, but the only radios that can be modified for cellular are those
that have the non-cellular 800Mhz band. The Pro-42 does not. ---Dan
--

5784. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-30 13:17:27 UTC
From: phil reed <p01613@psilink.com>
Message-ID: <2982054372.0.p01613@psilink.com>
Source record: 272370
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

Chris Lewis <clewis@ferret.ocunix.on.ca> writes

>This is a trifle misleading. Tapping fiber isn't exactly trivial, but it's
>not too hard. What is virtually impossible is tapping it indetectably - you
>have to cut it (which could raise alarms easily enough) to insert a tap.

Actually, this is a trifle misleading too. It *is* possible to tap a
fiber without cutting it.

If you bend a fiber at a sharp angle, a little light will leak out at
the bend, since the light is now striking the side of the fiber at an
angle greater than the critical reflection angle. Therefore, you could
make a clamp-on photocell with a waffled surface, like this:

```
|_/\/\/\/\/\/\_|
_/\/\/\/\/\/\_
| |
```

You strip the cladding away from the fiber, exposing the bare fiber,
and then clamp it between these two pieces. The fiber makes a series of
sharp turns, and a little light leaks out at each turn. The photocell
picks up the light, and there you go.

Obviously, this is not a simple technique, and it leaves the fiber open
to breakage after the tap is complete.

Microsoft, to prevent any kind of tapping of their fiber, runs them inside
a gas-filled pipe. If the pressure of the gas drops, they know that the
pipe has been breached. (ref: some article on Microsoft I read a couple
of years ago, that was talking about their internal network.)

...phil

5785. looking to buy pro-43 (preferably New)

Newsgroup: rec.radio.scanner
Date: 1994-06-30 13:22:25 UTC
From: dharm@pyuxe.cc.bellcore.com
Message-ID: <2uuguh$fmi@athos.cc.bellcore.com>
Source record: 272310
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I am looking to buy Pro-43, which can be modified to receive cell
frequancies. I checked with Grove Enterprises and they are out of stock
on Pro-43. They are telling me that the new stock will not be modifiable.
I also checked with Mary Mack and they also do not have modifiable Pro-43.

I am new to the scanner world.

Please help.

Please e-mail me at dharm@cc.bellcore.com all or any information.

5786. Re: Cell phone Laws are bogus!!

Newsgroup: rec.radio.scanner
Date: 1994-06-30 13:49:22 UTC
From: devil@netcom.com
Message-ID: <devilCs7qEA.69H@netcom.com>
Source record: 272338

Matthew Rupert (hoagy@umcc.umcc.umich.edu) wrote:
: >>You can scan cells with your old UHF TV!

: I'd like to see someone do this to this date.

: Just a plain ole' UHF TV. No attachments. Nothing.

No attachments. Nothing.

Try it at rush hour when the cells are packed.

5787. Re: ICOM R-1 Receive Problem

Newsgroup: rec.radio.scanner
Date: 1994-06-30 14:13:26 UTC
From: magnet@nRCHs022
Message-ID: <2uuju6$fad@corpgate.rich.nt.com>
Source record: 272336

Jack Devenney (DEVENNEY@VM.TEMPLE.EDU) wrote:
|My ICOM R-1 has an intermittent receive problem. Periodically, when I
|power it up, I only hear garbled (or no) transmissions. It remains that
|way after numerous power on/off cycles, and then eventually (often days
|later) returns to its normal self. I wondered if anyone else has had
|the same problem or has a suggestion.

Jack,

Can you give us more information please? What corrective action do you take
if any? Have you tried alternate power sources? RESET (OH NO, NOT the RESET!)
the CPU?

--
brad.glidewell@nt.com
==========
/>
/<
/<
|_______{o}----------_
[\\\\\\\\\\\{*}:::<= ==========- >
|/~~~~~~~{o}----------~
\<
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\>

5788. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-30 14:18:50 UTC
From: domonkos@access.digex.net
Message-ID: <gRh4kiubGMh3067yn@access.digex.net>
Source record: 272337
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

In article <1994Jun29.150408.1915@mixcom.mixcom.com>,
kevin jessup <kevin.jessup@mixcom.mixcom.com> wrote:
>
> All "harmonizing" aside...
>
> I find little merit in a law that cannot be enforced! It's like making
> drugs or guns illegal. Because of the Electronic Communications Privacy
> Act, cell phone vendors are happy to tell prospective (or existing) customers
> that their cellular phone calls are secure or cannot be easily monitored.
>
> Try this... Call your local vendor, play fat dumb and happy, and see what
> they say when you ask if someone will be able to monitor your calls?
> Do you think their going to risk losing a sale??

If the Federal govt mandates all commercial comm's mfr's to incorporate
'Clipper' type technology or face not meeting FCC type acceptance, and thus
not being able to sell their products, what do you think industry will do?
They will GLADLY incorporate it; who's to say it isn't already?

Didn't you ever suspect that Clipper is just a smoke screen? On can not
believe that the government is going to release such proprietary technology
to the public.

You're also proceeding from the assumption that American business practice
is based on truth. If businesses tried to base their sales on truth, they'd
go out of business, fast. I'm not saying outrageous 'lies', just the
policy of 'what the customer doesn't know won't hurt him' attitude. In
effect, mfr's may not even know if they are integrating such technology
into their products. Any fellow ASIC designers/integrators will agree,
you can embed such a system into a chip used in a comm system and the
designer won't even know he's designing in such device. If the data sheet
doesn't mention what's embedded, the designer doesn't know what's in the chip,
it's that simple.

Andy

5789. Re: Weather Satellites?

Newsgroup: rec.radio.scanner
Date: 1994-06-30 14:30:22 UTC
From: wai@iai.mv.com
Message-ID: <772986622snx@iai.mv.com>
Source record: 272356

adammot@io.org writes in article <2un1ft$d6i@ionews.io.org>:
>
>
> I have an old RS Pro-34 Handheld scanner.
>
> I am interested in picking up the weather satellites that broadcast in the VHF
> band (aren't they around 135-145 Mhz)?
Yes
137.62
137.50
137.85
137.50
137.30

There is also a really loud satellite on 149.995. I think it comes around
every 90 minutes (at least here in NH) and is some type of navigation
satellite, though. You'll hear "heart beep"-like telemetry. You can hear the
doppler effect as it flys out of range!

I can hear them on the 2006 with the telescopic antenna or the DISCONE
antenna. A good starter article was printed in 73 magazine "Getting Started
With Satellite Imagery by Tom Glembocki". The issue is March 1994.

>
> What I need to know is what kind of antenna I need to pick these up. Any
> pointers or plans would be appreciated.

There are some "plug and play" PC boards/software. The coolest package I've
seen advertised has a self-contained VHF/UHF receiver.
You supply the antenna. Then with the supplied software,(it's a combo satellite tracking
program/signal decoder)
you can get the satellite images on your screen.

Quorum Communications in Tx sells such a board/software for 695$
214 915 0256, FAX= 214 915 0270, BBS= 214 915 0346

Also get information from theses places:

Mulitfax in VT 802 893 7006, FAX 802-893-6859

Vangaurd Electronic Labs in NY 718-468-2720, BBS 718 468 2720

>
> Thanks.
You're welcomed.
>
>

Wai Hom - WB3BHT Imaging Automation, Inc.
wai@iai.mv.com (603) 598-3400
FAX: (603) 598-3422

5790. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-30 14:49:27 UTC
From: jchdr@chevron.com
Message-ID: <17581@lhdsy1.lahabra.chevron.com>
Source record: 272339
Cross-posted to: rec.radio.scanner,rec.autos.sport

In article <2uqf43$i17@hpcan240.mentorg.com>, mrosneck@wv.mentorg.com (Mark Rosneck) says:
>
>I had an experience this weekend that I thought I'd share with the group.
>Armed with my new SportCat scanner, I went to a local racetrack for the
>evenings Super Modifieds. It was pretty interesting listening to the flag
>stand and the corner workers. I also got a kick out of hearing all the
>mini-crises that had to be dealt with to get the events pulled together.
>
>During the main event, one of the cars flipped over into the wall in
>front of the stands. The wing was ripped from the car and flew down the
>track. When the car came upright I saw that the role bars had literally
>been crushed into the car. The driver was not visible.
>
>After a few moments, it became obvious that this was a serious accident and
>after listening for a while longer it dawned on me that I was sitting in
>the midst of a number of the driver's wives and family all wanting badly
>to know what the situation was.
>
>The next day the news reported that the driver died of massive head
>injuries.
>
>I'm certainly glad I kept my mouth shut about what I was hearing.
>
>As an aside, I think the track handled the situation pretty well all
>things considered. They were obviously well aware that fans and crew
>had scanners so they used the radios less and less as the seriousness
>of the situation became more clear. In fact, the radio traffic was, for
>the most part, very measured and professional.
>
>If there's a point here it's that having a scanner in such a situation
>could easily turn you from a passive observer of events to a participant in
>a way that actually makes the situation worse. If you take a scanner to
>an event of this sort, you might want to give some thought about how
>you would react if a situation such as this occurs.
>
>Regards,
>
>Mark
>
>mark_rosneck@mentorg.com

Well said, Mark.

James Taylor
TJAA@Chevron.com

5791. Re: Chicago 406.6 MHz WHatiz?

Newsgroup: rec.radio.scanner
Date: 1994-06-30 15:43:56 UTC
From: kjn@netcom.com
Message-ID: <kjnCs7vp8.MD7@netcom.com>
Source record: 272342

Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) wrote:

: > I have no idea what it is. I receive it here loud and clear. (30 miles
: >west of Chicago) I have a CARMA meeting at noon...I'll ask and see if
: >anyone can give me a clue.
: wb>
: wb> Hi Jerry,
: wb> I did receive one e-mail response regarding a radiation sensor at
: wb> Fermi labs. I was located in the Tinley park area, but I believe it
: wb> could be heard all over. Not sure the Fermi Lab raditaion monitor makes
: wb> sense for this one...let me know what he club has!

: It is from the Fermi Lab property in Warrenville/Batavia. Nobody seemed
: to know exactly what it was for, but radiation monitor makes sense.
: Some CARMA members even heard synthesized voices on the system that
: sounded eerie. <g>

The federal bands is loaded with continous tone sensors. Here on the west
coast of Ca. most are seismograph telemetry signals. I remember receiving
a similar telemetry signal, like you've described, at the Savannah River
plant outside Columbus, Ga. It was used to monitor radiation levels at
specific sites on the property. Sometimes they use synthisized voices to
report battery voltage levels, weather info, ect. They're great to hone
your direction finding (triangulation) skills.
The Savannah River plant also used to place small continous tone transmitters
attached by collar to small furry animals which they would track around
their rather large property. Periodically, they would capture the animals
and develop the film in doseometers (also in the collar) to check for
radiation levels around the area...
<Ken>
--
kjn@netcom.com (Ken Navarre)

5792. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-06-30 15:48:21 UTC
From: zlew14@NAP.AMOCO.COM
Message-ID: <1994Jun30.104821.24271@amoco.com>
Source record: 272358
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

>
>>Not so. Tapping fiber is trivial.
>
>This is a trifle misleading. Tapping fiber isn't exactly trivial, but it's
>not too hard. What is virtually impossible is tapping it indetectably - you
>have to cut it (which could raise alarms easily enough) to insert a tap.
>
>But tapping fiber isn't really the way to go. Court orders against

Chris, take a look at the latest offerings from whatever data comm vendor
you prefer. Look for a NON-INTRUSIVE FIBER TAP .... about 30 bucks and an
idiot could put this a piece of fiber.
Just my $.02 worth to the fiber tap discussion.
Larry

==
Larry Wall Amoco Chemical Co. Email: LEWALL@AMOCO.COM
VAX System Manager Voice: 708.420.4487 CIS: 70534,2301
Technical Support Services X.400: C=US A=ATTMAIL P=AMOCO S=Wall G=Lawrence I=E
All Opinions expressed are my own!!!
"AVAST, YE SCURVY CORPORATE SWABS!! PREPARE TO BE BOARDED" --- Bloom County
==

5793. Re: Danger The Government Wants You Blind

Newsgroup: rec.radio.scanner
Date: 1994-06-30 15:56:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <317_9406301127@blkcat.fidonet.org>
Source record: 272357

M> Not so. Tapping fiber is trivial. Also, Clipper would not in any wa

NOT SO - Taping fiber is far from trivial and after you have managed
to tap the fiber (single fiber capacity in excess of 50,000 channels)
just how do you go about demuxing the DTM signal into a single channel?
That technology is not cheap nor small. Ok so you have done the
tapping and have the mux - not search out the ONE signal that you
really want out of the thousands being carried by the one fiber that
you have tapped - and - what about the other 15 fibers in the cable -
perhaps the one signal you wanted was in one of them. GET REAL -
if anyone wants to TAP anyone they still go to the Telco central
office and find the line that they want already demuxed down to
single channel (circuit) levels. There is already a way to double
the capacity of the fiber by using different frequencies of laser
light - soon the capacity of a single optical fiber will be inexcess
of 250,000 single channels. TAP FIBER - Not very likely or smart
when you can go right to the CO.

Fidonet: Tom Eagan 1:109/239
Internet: Tom.Eagan@f239.n109.z1.fidonet.org

5794. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-30 15:57:46 UTC
From: doug@dsg128.nad.ford.com
Message-ID: <2uuq1q$mqp@eccdb1.pms.ford.com>
Source record: 272340
Cross-posted to: rec.radio.scanner,rec.autos.sport

As a corner worker, we are kept informed of any incidents around the track. At some tracks, we end up with spectators hovering around the turn station because of the good photo opportunities. We generally refrain from telling spectators the full background information that we receive.

It is best to keep in mind that some of the people around you may have more than a passing interest in incidents. I guess that people with scanners should remember this too.

Doug Mitchell - Ford Motor Company
Dearborn, Michigan

5795. Re: mod faq/ftp?

Newsgroup: rec.radio.scanner
Date: 1994-06-30 16:11:17 UTC
From: acid+@cs.cmu.edu
Message-ID: <2uuqr5$88c@casaba.srv.cs.cmu.edu>
Source record: 272344

In article <2uulrd$527@casaba.srv.cs.cmu.edu>, I wrote:

>I just started reading this group, and it seems as if every other question
>is about a mod. Are these in a FAQ somewhere or available via FTP?

Forget it, I just found it. FYI:

ftp oak.oakland.edu, pub/hamradio/mods

-chris

5796. Re: Weather Satellites?

Newsgroup: rec.radio.scanner
Date: 1994-06-30 16:14:00 UTC
From: horak@convex.com
Message-ID: <horak.772992840@convex.com>
Source record: 272341

In <xY-S5EM.philscott@delphi.com> philscott@delphi.com writes:

>Weather satellites come in a few varieties actually...there are a number of
>them in the 137 Mhz range, most often at 137.5 Mhz. Also in the high
>2.x Ghz area I think. Some of the more prevalent ones are:
>NOAA-9 137.62
>NOAA-10 137.5
>Meteor 2-20 137.85
>and so on. You'll need a special demodulator to make the signal sensible,

So are these AM or FM? Are these geostationary or not? I'd like
to know more.

David

5797. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-30 16:28:28 UTC
From: magnet@nRCHs022
Message-ID: <2uurrc$jhf@corpgate.rich.nt.com>
Source record: 272343
Cross-posted to: rec.radio.scanner,rec.autos.sport

Douglas Mitchell (doug@dsg128.nad.ford.com) wrote:
|As a corner worker, we are kept informed of any incidents around the track.
|At some tracks, we end up with spectators hovering around the turn station
|because of the good photo opportunities. We generally refrain from telling
|spectators the full background information that we receive.

Why?

|It is best to keep in mind that some of the people around you may have more
|than a passing interest in incidents. I guess that people with scanners
|should remember this too.

Why?

|Doug Mitchell - Ford Motor Company
|Dearborn, Michigan

I'm not sure why this is an issue. If my loved one was hurt, I'd want to know
ASAP what was happening. What am I missing here?

--
brad.glidewell@nt.com

5798. Re: Cell phone Laws are bogus!!

Newsgroup: rec.radio.scanner
Date: 1994-06-30 16:45:13 UTC
From: glr@ripco.com
Message-ID: <Cs7yJD.G36@rci.ripco.com>
Source record: 272346

Matthew Rupert (hoagy@umcc.umcc.umich.edu) wrote:
: >>You can scan cells with your old UHF TV!

: I'd like to see someone do this to this date.

: Just a plain ole' UHF TV. No attachments. Nothing.

: The hype and hysteria which the media placed on the
: _possibility_ of UHF TV cellular scanning was the reason that
: the over-paranoid governmental agencies wanted such a law
: in the first place(so they can make those calls to their
: sex slaves whilst their spouses go none the wiser).

: I can receive the amateur 10-meter band on my cb...with mods.
: It's nothing but "Oh, well, you COULD do this IF you do THAT
: and THIS and THAT". All the public hears is
: "you _CAN_ do that, and everyone does!" Hype.
: --
YOU CAN DO IT. I HAVE DONE IT. It ws an emerson, 5" color TV. I never
watch it, but was sick a few months ago, and wait playing with it... didn't
pick up much in the way of TV... but up around channel 83, the cell phone
calls came blasting in.

--

Glen L. Roberts, Publisher, Directory of Elect Surv Equip Suppliers
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
Box 734, Antioch, Illinois 60002 Fax: (708) 838-0316
Voice/FAX on demand: (708) 356-9646

5799. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-30 17:03:40 UTC
From: kmorrill@strauss.udel.edu
Message-ID: <2uuttc$jmq@strauss.udel.edu>
Source record: 272345
Cross-posted to: rec.radio.scanner,rec.autos.sport

In article <2uurrc$jhf@corpgate.rich.nt.com>,
Brad Glidewell <brad.glidewell@nt.com> wrote:

>I'm not sure why this is an issue.
>If my loved one was hurt, I'd want to know
>ASAP what was happening. What am I missing here?

I'm glad that you asked this, Brad. I thought that even emergency
room physicians brief close relatives rather completely, at least
to allay fears for the worst.

Could the previous posters please amplify the rationale of their
support of protectiveness?

Please help us see more clearly how your stance is the best one for
the people involved.

I think that this matter has wide implications for other accident
scenes, and I would like to know which approach to take.

--
Ken Morrill <kmorrill@strauss.udel.edu>

5800. Re: Controlling Pro2006 with a Mac

Newsgroup: rec.radio.scanner
Date: 1994-06-30 17:38:47 UTC
From: sean@sdg.dra.com
Message-ID: <1994Jun30.123847.763@sdg.dra.com>
Source record: 272352

In article <2un5lg$7fo@news1.svc.portal.com>, djh@shell.portal.com (Darryl Harvey) writes:
> I am also told that the interface is RS232, so basically any Computer
> can control your scanner. You just need to write an interface for it.

Do they make the protocol public?

--
Sean Donelan, Data Research Associates, Inc, St. Louis, MO
Domain: sean@dra.com, Voice: (Work) +1 314-432-1100

5801. Weather Satellites?

Newsgroup: rec.radio.scanner
Date: 1994-06-30 17:50:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <773079049.AA07862@rochgte.fidonet.org>
Source record: 272284

> From: alf@kaiwan.com (Alfred Lee)
> Organization: KAIWAN Internet (310/527-4279,818/756-0180,714/
> 741-2920)

> In article <2un1ft$d6i@ionews.io.org>, Adam Mottershead wrote:
>>
>> I am interested in picking up the weather satellites that broadcast in
the

> 162.400 <2>
> 162.425 <4>
> 162.450 <5>
> 162.475 <3>
> 162.500 <6>
> 162.525 <7>
> 162.550 <1>

Those are not weather satellite frequencies. The SATELLITES transmit
on frequencies between 136 and 138 MHz.

==========
Join the Western NY Shortwave & Scanner Listeners' Net!
Mondays at 8:00 pm Eastern Time on the N2HJD "Megaplex" repeater system.
53.33 146.925 224.58 442.8 442.9 444.7
==========

5802. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-30 17:59:14 UTC
From: dwv@ih4sh.ih.att.com
Message-ID: <Cs81yq.3IL@nntpa.cb.att.com>
Source record: 272347
Cross-posted to: rec.radio.scanner,rec.autos.sport

In article <2uurrc$jhf@corpgate.rich.nt.com>,
Brad Glidewell <brad.glidewell@nt.com> wrote:
>Douglas Mitchell (doug@dsg128.nad.ford.com) wrote:
>|As a corner worker, we are kept informed of any incidents around the track.
>|At some tracks, we end up with spectators hovering around the turn station
>|because of the good photo opportunities. We generally refrain from telling
>|spectators the full background information that we receive.
>
>Why?

[NOTE: this perspective is that of a short time corner worker]

In my short time as a corner worker, I've not had to work a serious
incident. However, everyone's adrelinie goes up when this happens.
Things may get reported that are just conjecture, or may be wrong
(i.e. SS cars that lose magnetic numbers in impacts, I've go a 2
and a 4, but you dont know what order they belong in). Besides that,
The communicator should be stuck to their captian like glue in that
situation anyway, so you may not have time to deal with other things at that
point.

>|It is best to keep in mind that some of the people around you may have more
>|than a passing interest in incidents. I guess that people with scanners
>|should remember this too.
>
>
>I'm not sure why this is an issue. If my loved one was hurt, I'd want to know
>ASAP what was happening. What am I missing here?
>

For the reasons above. Even if the information is correct, you might cause
unneeded commotion on the corner, making matters worse. Drivers do
unpredictable things after incidents. I can picture the family member or
friend of someone who was in a serious crash doing the same, like running
across the track to get to the area. That's about the last thing you would
need in an already hectic situation.

Any of the more experienced F+C folks out there, feel free to correct me,
I'm still on the learning curve.

--
| Dave Vollman (HASA "S" Division)
"Is your job plagued by the | AT&T Bell Laboratories, Naperville, IL
evil demons of stupidity?" | Email: dwv@ihlpm.att.com
- Dogbert | AT&T would never let ME speak for THEM!

5803. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-30 18:12:15 UTC
From: doug@dsg128.nad.ford.com
Message-ID: <2uv1tv$agg@eccdb1.pms.ford.com>
Source record: 272348
Cross-posted to: rec.radio.scanner,rec.autos.sport

In article <2uuttc$jmq@strauss.udel.edu>, kmorrill@strauss.udel.edu (Kenneth J Morrill) writes:
|> In article <2uurrc$jhf@corpgate.rich.nt.com>,
|> Brad Glidewell <brad.glidewell@nt.com> wrote:
|>
|> >I'm not sure why this is an issue.
|> >If my loved one was hurt, I'd want to know
|> >ASAP what was happening. What am I missing here?
|>
|> I'm glad that you asked this, Brad. I thought that even emergency
|> room physicians brief close relatives rather completely, at least
|> to allay fears for the worst.
|>
|> Could the previous posters please amplify the rationale of their
|> support of protectiveness?
|>
|> Please help us see more clearly how your stance is the best one for
|> the people involved.
|>
|> I think that this matter has wide implications for other accident
|> scenes, and I would like to know which approach to take.
|>
|>
|> --
|> Ken Morrill <kmorrill@strauss.udel.edu>

The primary reason is that the phone net, and the scanners, do not always have the most up-to-date information as to conditions. I do keep other corner workers informed via hand signals, but to rely on information given out in the heat of the moment can be dangerous. Remember also, not all corner workers are medically trained, and if the information is not relayed exactly, can cause even more confusion.

I am not saying that I will not say that a driver is OK, but I will not give out any other information as to condition other than unknown. So, if you ask me after an accident at a race track, what the condition of a driver is, I will tell you that he/she is OK (walking, talking, knows where/who he/she is), or I don't know their condition. Even telling a spectator that a driver is OK can be dangerous though.

At a Hospital, or at the scene of an accident with EMT's present, it is best to let the medical people make a determination and a pronouncement as to the condition of the injured party.

Doug Mitchell - Ford Motor Company
Dearborn, Michigan

5804. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-30 18:16:18 UTC
From: kentfitz@minerva.cis.yale.edu
Message-ID: <1994Jun30.181618.9191@news.yale.edu>
Source record: 272349

Kenneth J Morrill (kmorrill@strauss.udel.edu) wrote:
: In article <2uurrc$jhf@corpgate.rich.nt.com>,
: Brad Glidewell <brad.glidewell@nt.com> wrote:

: >I'm not sure why this is an issue.
: >If my loved one was hurt, I'd want to know
: >ASAP what was happening. What am I missing here?

: I'm glad that you asked this, Brad. I thought that even emergency
: room physicians brief close relatives rather completely, at least
: to allay fears for the worst.
[snip]

If it were my loved one, I'd want to know *accurately* what's happening.

Misinformation travels fast. In the first few minutes of an emergency, there's likely to be a certain amount of confusion, maybe even panic. Pieceing together an accurate account from the radio traffic may be difficult, especially when multiple agencies and unfamiliar jargon and codes are in use.

In the case of a single vehicle crash in a controlled environment (i.e. the racetrack), the situation my not be so bad. But in a multiple casualty incident, it's tough to get a picture of who's injured, how badly etc. In major disasters, it takes hours or days to assemble a confirmed casualty list.

The situation in the emergency room, after the patient has been assessed and stabilized, is quite different.

So unless you are 100% sure your scanner can provide accurate information that won't be misinterpreted in a situation of great anxiety, better keep it private.

Just my opinion.

Happy scanning,

Kent

5805. Radio Shack PRO-34

Newsgroup: rec.radio.scanner
Date: 1994-06-30 18:27:02 UTC
From: jyee@unixg.ubc.ca
Message-ID: <jyee.30.0010B35A@unixg.ubc.ca>
Source record: 272364

Has anyone heard of this scanner model from Radio Shack? I bought it three years ago. Can it pick up the Cellular frequencies? I tried to find the modification text files but most of them were for the PRO-34 and the descriptions were different. Does anyone know of any FTP sites that have these modification text files?

Whats the diff between the Pro-34 and the Pro-35 ?

I opened it up and I saw a UNIDEN board.

Thanks.

5806. Re: Penske unscrambles at Portland

Newsgroup: rec.radio.scanner
Date: 1994-06-30 18:51:46 UTC
From: barrey@Novell.COM
Message-ID: <barrey.773002306@saruman>
Source record: 272350
Cross-posted to: rec.radio.scanner,rec.autos.sport

In <2undgo$6vq@hpcan240.mentorg.com> mrosneck@wv.mentorg.com
(Mark Rosneck) writes:

>The Oregonian newspaper reported today that the Penske radio transmissions
>were unscrambled for the Portland GI Joe's 200. "When Roger Penske
>decided to scramble his Marlboro Team Penske signals this year, he
>received so many letters of complaint the scrambling was finally stopped
>in Portland."

Well, I can't hold back... I TOLD YOU SO!!

To those who babbled incessantly about how Penske was running
a business, etc. and how he'd never unscramble "just because a
few fans wrote some letters", I say PTHTHTHTHTTBBTHTHTHBTH!!!!

(that's an ASCII raspberry, or my best attempt at one)

WAY TO GO ROGER, WAY TO GO RACEFANS!

Bah

5807. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-30 19:58:01 UTC
From: magnet@nRCHs022
Message-ID: <2uv849$pek@corpgate.rich.nt.com>
Source record: 272355

Kent Fitzgerald (GD 1994) (kentfitz@minerva.cis.yale.edu) wrote:
|Kenneth J Morrill (kmorrill@strauss.udel.edu) wrote:
|: In article <2uurrc$jhf@corpgate.rich.nt.com>,
|: Brad Glidewell <brad.glidewell@nt.com> wrote:

|: >I'm not sure why this is an issue.
|: >If my loved one was hurt, I'd want to know
|: >ASAP what was happening. What am I missing here?

|: I'm glad that you asked this, Brad. I thought that even emergency
|: room physicians brief close relatives rather completely, at least
|: to allay fears for the worst.
|[snip]

|If it were my loved one, I'd want to know *accurately* what's happening.

Good point.

[deltia]

|So unless you are 100% sure your scanner can provide accurate information
|that won't be misinterpreted in a situation of great anxiety, better keep
|it private.

Thanks, that clears up my misunderstanding, sounds like good advise.

--
brad.glidewell@nt.com
/>
/<
[\\\\\\(0):::<=====================================-
\<
\>

5808. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-30 20:12:58 UTC
From: skod@trenco.Eng.Sun.COM
Message-ID: <2uv90a$dn5@engnews1.Eng.Sun.COM>
Source record: 272354
Cross-posted to: rec.radio.scanner,rec.autos.sport

Kenneth J Morrill <kmorrill@strauss.udel.edu> wrote:
>Brad Glidewell <brad.glidewell@nt.com> wrote:
>
>>I'm not sure why this is an issue.
>>If my loved one was hurt, I'd want to know
>>ASAP what was happening. What am I missing here?
>
>I'm glad that you asked this, Brad. I thought that even emergency
>room physicians brief close relatives rather completely, at least
>to allay fears for the worst.
>
>Could the previous posters please amplify the rationale of their
>support of protectiveness?
>
>Please help us see more clearly how your stance is the best one for
>the people involved.
>
>I think that this matter has wide implications for other accident
>scenes, and I would like to know which approach to take.

Certainly. Emergency-room physicians are briefing the family,
directly. You are asking for race emergency staffers to brief anyone
who asks, or who listens with a scanner. Most of those asking and
listening have no right to that information, and most of them would
misuse it.

Let's say you're a cornerworker, and you've just responded to an
incident where what you see in the car makes you turn away for a
moment and catch your breath. Spectators are leaning up agains the
fence, yelling for information. What would you do? Having worked
several major incidents involving driver injury at pro racing events,
I am quite certain that informing the masses of spectators as to the
specifics of which bones are broken, and which extremities damaged, is
absolutely the wrong thing to do. Whatever you say undoubtedly gets
built upon and embroidered as it spreads, and you have unwittingly
added that cachet of officiality, since "it came from a cornerworker".
Eventually it gets back to the family as "official word", probably
after the much-filtered offhand comment is picked up by one of the
broadcasters. It always seems to get there before the true official
word, and it inevitably makes their suffering as they wait much worse,
since the spectators have undoubtely sensationalized it. After all,
they have no stake in the matter.

Accurate information on the driver's condition must be delivered to the driver's crew and family. It must come from one, and only one, source. That source is the race medical staff. It should not come from cornerworkers, spectators, or anyone else, since _they don't have the knowledge_ to accurately convey the information. The race medical staff need that time to make an accurate asessment, and then get back to the family and crew. Then, and only then, do the spectators have any right to that information.

The last people you tell anything to at a pro racing event would be the spectators. The more ghoulish among them will immediately begin embroidering the truth, just so their story will make a bigger splash among their friends. If you are a race worker, your policy has to be not to feed that fire. You are, after all, a race official, and even if you're just a kitty-litter sweeper your word among the spectators is The Official Truth.

If that isn't perfectly clear, I can only suggest that you attend a major race and watch the expressions you find on the faces of the spectators who press up against the fence at a major incident site. By and large, these folks aren't the true race fans... I have been on the other side of that fence, many times. I have also grown tired of the bare-chested, beer-swilling "race fans" who stand there and shout "Is he dead? Come on, let us see him!".

Faugh. Those aren't race fans. But they are inevitably the ones who bray the most loudly that they have a "right to know" that was conveyed upon them by the purchase of a ticket.

Sorry if that rubs some folks the wrong way. But IMHO, there is only one right way to disseminate info when a driver is hurt, or worse.

-skod
--
Scott Griffith, Sun Microsystems Lumpyware
expatriate SCCA New England Region Flagging/Communications worker
(and driver, of anything that turns both right and left,
and can pass tech...) Return Path : skod@sun.COM

5809. Philadelphia Freq ???

Newsgroup: rec.radio.scanner
Date: 1994-06-30 20:17:00 UTC
From: Tom.Eagan@f239.n109.z1.fidonet.org
Message-ID: <3af_9406301702@blkcat.fidonet.org>
Source record: 272361

G> I'm looking for a list of frequencies in the Philadelphia region. If
G> anyone can post a list or knows where I can find one, I would be real
G> grateful. Thanks for the info.

Michael - Call 703-207-9622, download philly.zip, phila.zip and
philafrq.zip. Should give you all that you need. You also might
try 610-525-4004, which is a Scanner related BBS near Philly, it
has many local philly freqs listed so you will not have to do
quite as much searching thru the large phila.zip files.
Tom

Fidonet: Tom Eagan 1:109/239
Internet: Tom.Eagan@f239.n109.z1.fidonet.org

5810. new york state utilities

Newsgroup: rec.radio.scanner
Date: 1994-06-30 20:17:16 UTC
From: co063@cleveland.Freenet.Edu
Message-ID: <2uv98c$g16@usenet.INS.CWRU.Edu>
Source record: 272351

hey scanner jocks!

i really trust that someone out there can tell me the freq.'s
for the niagara mohawk power co. and the nynex phone folks.

police call is silent on both, and my hit and miss searching
specified freq. ranges as recommended is coming up goose eggs.

also, is 'monitor america' really better than 'police call'? if so,
how?

please e-mail me directly if you can help.
address is: dkrichar@nyx.cs.du.edu

many thanks in advance,
doug

5811. test

Newsgroup: rec.radio.scanner
Date: 1994-06-30 20:22:50 UTC
From: co063@cleveland.Freenet.Edu
Message-ID: <2uv9iq$g7j@usenet.INS.CWRU.Edu>
Source record: 272353

```
test
```

5812. BC 70XLT $125

Newsgroup: rec.radio.scanner
Date: 1994-06-30 20:30:05 UTC
From: media2k@aol.com
Message-ID: <2uva0d$pif@search01.news.aol.com>
Source record: 272360

I've outgrown my Uniden Bear Cat 70XLT hand held scanner, so I've
decided to sell it and upgrade to a BC 2500XLT. As a result,
I am selling my trusty old 70XLT for $125 (OBO). This scanner
is great for persons new to scanning! Here's the specs:

20 Channel programmable hand held scanner
- Priority Channel
- 2 second delay for "call backs"
- search function for quick searching through an entire range
- illuminated LCD display
- earphone jack
- 7" flexible antenna
- locking keypad

I'll also throw in the 1993 edition of Police Call (vol. 9) and tons
of frequency listings I've accumulated and have stored in a database.

Price is $125 or best offer. This thing is in great condition and
works perfectly, I've just outgrown it and am now buying a
400 channel scanner. Serious inquires only, please. Reply to:

"Media 2K" (AOL)
"Media 2K @ AOL.COM" (INTERNET)

5813. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-06-30 22:29:17 UTC
From: holtzman@shazam.ecs.csus.edu
Message-ID: <2uvgvt$ipk@csusac.ecs.csus.edu>
Source record: 272359
Cross-posted to: rec.radio.scanner,rec.autos.sport

Time to put my two cents in. Having worked corners, and on-course for over 20 years, and currently on the SCCA Emergency Crew, I have noticed the following:

I recall some fatal accidents were we were consulted by officials and advised not to talk to anybody about what we saw. That is, people not involved with the situation. The main reason is because eventually these usually end up in court. Look what has happened with the OJ story, with wrong information getting out to the public.

There have been situations between drivers concerning their performance, or lack of. Sometimes there are hearings after an event to determine fault, or who the actual winner actually was. Again, legal situations may develop.

We usually use landlines where possible for discussions that are sensitive. There has been some discussion about having scramblers, but I dont think that is necessary. If the info is that sensitive, it can wait.

Hope this helps -

James Holtzman (holtzman@shazam.ecs.csus.edu)

5814. Re: Weather Satellites?

Newsgroup: rec.radio.scanner
Date: 1994-06-30 22:43:02 UTC
From: copeland@metronet.com
Message-ID: <Cs8F3q.327@metronet.com>
Source record: 272362

In article <horak.772992840@convex.com>, David Horak <horak@convex.com> wrote:
>In <xY-S5EM.philscott@delphi.com> philscott@delphi.com writes:
>
>>Weather satellites come in a few varieties actually...there are a number of
>>them in the 137 Mhz range, most often at 137.5 Mhz. Also in the high
>>2.x Ghz area I think. Some of the more prevalent ones are:
>>NOAA-9 137.62
>>NOAA-10 137.5
>>Meteor 2-20 137.85
>>and so on. You'll need a special demodulator to make the signal sensible,
>
>So are these AM or FM? Are these geostationary or not? I'd like
>to know more.

These are LEO (low earth orbit - ~200miles up) and scream around the
planet once every 80 minutes or so. They are low enough to pickup with
your scanner (AM I believe). GOES (geo synchronous orbit) are 25,000
miles up, transmits above 2ghz and require a dish. Some GOES weather
pictures are retransmitted on SW by the Navy (8.08mhz LSB).

--

| copeland@metronet.com |

5815. Re: AOR scanners - What is wrone with them?

Newsgroup: rec.radio.scanner
Date: 1994-06-30 23:39:59 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773037268@f747.n115.z1>
Source record: 272311

Hi, Simon...

-=> Quoting Simon Collings to All <=-

SC> I am quite a fan of these radios. They are readily available here
SC> in the UK and have good back up service via the importer. They have
SC> good performance and even my old AR-3000 (AR-3000A predecessor)
SC> leaves my ICOM R-7100 standing still as far as scan speed is
SC> concerned. Is there something wrong with AOR scanners from other
SC> user's point of view?

I don't have an AOR scanner, but have seen alot of reference to them on CompuServe. From what I have read, there are alot of quality problems with AOR units. Units received defective, deaf in some bands, poor design of the radio, inconsistency from one unit to the next (IOW, one picks up signals and the other won't on a particular freq). After what I have read, I wouldn't chance the purchase of one. And people say word of mouth doesn't damage a products name.

Jerry

5816. FCC License Data Sources

Newsgroup: rec.radio.scanner
Date: 1994-07-01 00:00:18 UTC
From: bill@thd.tv.tek.com
Message-ID: <2uvmai$c4j@news.tv.tek.com>
Source record: 272363
Cross-posted to: rec.radio.scanner,rec.radio.info

[last changed 10-Jun-94]

Changes preceeded by "|". Please e-mail corrections and additions to me.

INTRODUCTION

This is a list of FCC license data sources available to scanner listeners. The FCC master contains a wealth of data about every non-government license in the United States. Most of the sources below contain a subset of this data, although a few contain all of it. Government licenses are not administered by the FCC, and the data is not available to the public.

If you are interested in purchasing the data, you might want to consider forming a co-op of people in your area to share the cost. As far as I know, this is legal since the information is in the public domain. However, most software supplied to view or manipulate the data is copyrighted and must be purchased separately by each user.

Prices are rounded to the nearest dollar and include shipping, if known.

C.E.T.

CET sells records of all stations inside a 30-mile radius for $80. (Major cities cost extra.) A 70-mile search costs $178. The data is provided on floppy disks and is available in ASCII columnar and comma-delimited formats.

CET does not provide data for licenses that do not contain specific geographic coordinates (i.e., mobile-only systems) or specific operating frequencies (e.g., amateur radio).

To do the search, CET requires the latitude and longitude of the center of the 30-mile radius. I calculated mine from a USGS topographic map I obtained at a local nautical supply store. Alternatively, you can obtain the coordinates for your town from the University of Michigan's geographic name server. Run "telnet 141.212.99.9 3000" and enter your zip code. For my area, the server returned the coordinates of the main post office.

CET can be reached at 800-445-0297.

GROVE

Grove sells FCC data on disk by state. The first state is $40, and each additional state is $30 (add $10 for CA, FL, TX). The disk comes with a database search program. Grove Enterprises can be reached at 800-438-8155.

MICROFICHE

The Bearcat Radio Club sells the FCC master by state for $15. Bearcat Radio Club can be reached at P.O. Box 291918, Kettering OH, 45429.

PERCON

PerCon sells a variety of FCC data on CD-ROM and floppy. CD-ROMs are
| available by region or category, and floppies are available by state. Also available is a CD-ROM of the entire US (2.5 million records). Data is updated approximately every six months.

| State floppies are $60 per state (add $5 for CA, FL, NY, TX, PA, OH, IL).
| Regional and full US CD-ROMs are $105 each. CD ROMs by category are $155 each. Quantity discounts available. PerCon can be reached at 716-386-6015.

POLICE CALL

This is probably the most cost-effective source of public service license information. The detail is limited, but the information that is there is often more useful than the FCC master. For example, an entry in Police Call that reads, "Portland Police, Net 3, North Precinct," reads, "Portland, City of" in the master.

Police call is available in 9 volumes covering different regions of the US. It can be purchased at Radio Shack stores for $10 per volume.

SCANWARE ASSOCIATES

ScanWare Associates sells a PC-based database program called the FCC Frequency Retrieval System V2.0. It comes with FCC data for one state, covering all services from 10 kHz through 2036 MHz. Data is updated approximately every six months (last update was Dec. 1, 1993).

Cost is $35 for the first state and $20 for each additional state. (Add $5 for CA, FL, TX, NY.) Quantity discounts available. Fully working shareware copy downloadable from their BBS at 206-871-4228 (FCC200.ZIP). ScanWare Associates can be reached at 206-698-1383 (voice) or 206-698-8207 (fax).

APPENDIX

Here is table of data fields in the FCC master. Fields provided by various
| products are indicated by "#" or the field length, if known.

PERCON PERCON PERCON POLICE SCAN
DESCRIPTION SIZE CET GROVE FLOPPY US CD OTHER CD CALL WARE
Frequency (or Lower Limit) 16 11 12 16 16 16 # 11
Upper Frequency Limit 16 16 16 11
Callsign 10 8 10 10 10 10 # 10
Service Code 2 2 2 2 2 2 # 2
| Licensee DBA Name 40 32 30 40 40 40 40
Licensee State 2 2 2 2
Licensee Zip 9 5 9 9

```
Licensee Address 35 30 35
Licensee City 20 15 20 20
| Licensee Name 200 100 #
Applicant Phone 10 10
Transmitter Latitude 6 6 6 6 6 6 6
Transmitter Longitude 7 7 7 7 7 7 7
| Transmitter Elevation 5 5 5 5 5
| Transmitter Height 5 5 5 5 5 5
Transmitter HAAT 5 5 5 5
Transmitter Effective Height 5 5 5
TX Antenna Structure Height 5 5 5
| Transmitter Address 80 80 80
Transmitter City 20 10 12 20 20 20 # 20
Transmitter County 30 10 20 30 30 30 30
Transmitter State 2 2 2 2 2 2 # 2
Class of Station 4 4 4 4 4 # 4
Type of Message Service 1 1
Area of Operation 1 1
Radius of Operation 4 4 4
Antenna Type 10 10 10
Antenna Elevation Angle 6 6
Antenna Azimuth 6 6
Antenna Polarization 3 3 3
Antenna Gain 4 4
Antenna Path Length 6 6
Antenna Beam Width 8 8
ERP Out 8 4 8 8 8
ERP Units 2 1 2
ERP Indicator 1 1
Power Out 8 4 8 8 8
Power Out Units 2 1 2
Power Out Indicator 1 1
Emissions 15 15 15 15
License Issue Date 6 6
License Expiration Date 6 4 6
Operation Begin Time 4 4
Operation End Time 4 4
Number of Vehicle Mobiles 4 4 4 4 # 4
Number of Portable Mobiles 4 4 4 4 # 4
Number of Aircraft Mobiles 4 4 4 4 # 4
Number of Marine Mobiles 4 4 4 4 # 4
Number of Pager Mobiles 5 4 5 5 5
| Authorization Type 1 1*
| CP Authorization Number 2 2*
| Area of Operation Descript. 100 100*
| Paint & Lighting Specs 33 33*
| Special Conditions 100 100*
| TX Latitude Direction 1 1*
| TX Longitude Direction 1 1*
| Type of Last Contact 1 1*
```

| Date of Last Contact 6 6*
| Number of Units 4 4*

| * = Regional CD Only, CP = Construction Permit,
| ERP = Effective Radiated Power, HAAT = Height Above Average Terrain

--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

5817. Re: Penske unscrambles at Portland

Newsgroup: rec.radio.scanner
Date: 1994-07-01 00:36:37 UTC
From: rbt@mailroom.itu.kodak.com
Message-ID: <1994Jul1.003637.15955@kodak.rdcs.kodak.com>
Source record: 272372
Cross-posted to: rec.radio.scanner,rec.autos.sport

In article <barrey.773002306@saruman> barrey@Novell.COM (Barrey Jewall) writes:
>In <2undgo$6vq@hpcan240.mentorg.com> mrosneck@wv.mentorg.com
>(Mark Rosneck) writes:
>
>>The Oregonian newspaper reported today that the Penske radio transmissions
>>were unscrambled for the Portland GI Joe's 200. "When Roger Penske
>>decided to scramble his Marlboro Team Penske signals this year, he
>>received so many letters of complaint the scrambling was finally stopped
>>in Portland."
>
>Well, I can't hold back... I TOLD YOU SO!!
>
>To those who babbled incessantly about how Penske was running
>a business, etc. and how he'd never unscramble "just because a
>few fans wrote some letters", I say PTHTHTHTHTTBBTHTHTHBTH!!!!
>
>(that's an ASCII raspberry, or my best attempt at one)
>
>WAY TO GO ROGER, WAY TO GO RACEFANS!
>
>Bah

Well it's easy for Roger to back-off now that he's so dominating. If he
was struggling to get an edge on the competition do you think he'd
be so gracious? Knowing Penske, I wouldn't say the war is won forever
against scrambling. He's probably got code-words ready to switch back
on demand if necessary.

We'll see in the long run. I still see Roger as the businessman. At this
moment in time the good PR to let a few eavesdrop outweighs any need to
be private (with his current advantage), so I wouldn't gloat too loudly.
If it were Bernie Ecclestone and not Roger Penske we were talking about,
I'd suspect a "kickback" from the scanner vendors as the motivation :-) :-)

-Bob T.

5818. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-07-01 02:41:32 UTC
From: domonkos@access.digex.net
Message-ID: <1Wt4kiubGUOJ066yn@access.digex.net>
Source record: 272369
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

In article <1994Jun30.104821.24271@amoco.com>, lewall@amoco.com wrote:
>
> Chris, take a look at the latest offerings from whatever data comm vendor
> you prefer. Look for a NON-INTRUSIVE FIBER TAP .... about 30 bucks and an
> idiot could put this a piece of fiber.
> Just my $.02 worth to the fiber tap discussion.
> Larry
>

Anyone in the data-comm field knows there's no such thing as non-intrusive
fiber taps. Anyone w/any ELEMENTARY physics background will confirm this.
Come on people, you gotta stop looking for computer supplies in your
J.C. Whitney catalogs...If the catalog states non-intrusive, they're
trying to sell you a line of crap; what? false advertising? naaaahhhh....

Andy

5819. For Sale : PRO 2006 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-01 02:53:48 UTC
From: bjohnson@fcom.cc.utah.edu
Message-ID: <2v00fs$2cf@fcom.cc.utah.edu>
Source record: 272365
Cross-posted to: rec.radio.scanner,misc.forsale

I am selling a Radio Shack PRO 2006 scanner. It covers the following ranges:

25 - 520 MHz
760 - 823.945 MHz
851 - 1300 MHz

It is only 3 months old, and in perfect condition, and of course I still have the manual for it. It has been modified enabling it to scan the cellular frequencies. For those who may not know, the scanner picks up everything from FM radio, to cordless phones, police, fire, aircraft, weather, Ham, TV, CB, and much more. It has the following features:

Stores 400 channels in 10 banks of 40.
Individual bank lockout.
2-Speed scanning (13 or 26 channels per second).
Priority channel.
AC/DC powered (12 VDC cord not included).

I don't know what more to say, except that an article which was posted on the newsgroup rec.radio.scanner this last Sunday the 26th of June had this to say about the PRO 2006:

"PROBABLY THE BEST SCANNER MADE TO DATE. HIGHLY RECOMMENDED."

The article was titled "Buying a Used Scanner Radio", and was written by parnass@ihlpf.att.com.

I bought the scanner for $425.00 with tax.
I am asking $375.00 OBO. I will also pay for shipping. I unfortunately need the money at this time.

Please feel free to give me a call until 11:00 P.M. My telephone number is 801-254-5160.

Blaine.Johnson@merit.com

5820. Welcome to rec.radio.info!

Newsgroup: rec.radio.scanner
Date: 1994-07-01 03:00:08 UTC
From: rec-radio-info@ve6mgs.ampr.ab.ca
Message-ID: <rec.radio.info-welcome_773031607@ve6mgs.ampr.org>
Source record: 272276
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.info,news.answers,rec.answers

```
Archive-name: radio/rec-radio-info/welcome
Last-modified: $Date: 1994/01/02 22:00 $
Version: $Revision: 1.06 $

*** Welcome to rec.radio.info! ***

Welcome to rec.radio.info, a group that aims to provide a noise-free source
of information and news for the entire rec.radio hierarchy.

Two introductory articles about rec.radio.info are posted to the group and
to news.answers every two weeks. You are now reading the first article, which
explains what rec.radio.info is, and answers some Frequently Asked Questions.
The second article is titled "Submission Guidelines", and you only need to
read it if you want to submit an article to rec.radio.info.

You can skip to the next section of this article by searching for the next
" -- " string. The sections available are:
- What is the purpose of rec.radio.info?
- Why are messages almost always cross posted to rec.radio.info?
- What is a 'follow-up', and what does 'moderated' mean?
- OK, so now I know what 'moderated' means. Tell me more.
- What type of material is considered inappropriate?
- I do not have access to news, how can I get the information posted to
rec.radio.info?
- Will the material appearing in rec.radio.info be archived somewhere?
- I have a regular posting with timely information, is there a way to
speed up it's delivery, or automate for more convenience?

-- What is the purpose of rec.radio.info?

The purpose or charter of rec.radio.info is to provide the Usenet community with
a resource for information, news, and facts about any and all things radio.

All the other rec.radio groups are intended for discussions and general chit
chat about radio. Rec.radio.info will contain informational, factual articles
only. Follow-ups are redirected to an appropriate other group, and further
discussion (if any) will not take place in rec.radio.info.

In order to ensure that rec.radio.info contains only appropriate articles, it
was decided to create the group as a moderated newsgroup.

-- Why are messages almost always cross posted to rec.radio.info?

It provides a "tag" for each article to be assembled into a filtered
presentation in rec.radio.info (even with cross-posting, only one message, with
```

a unique Message-ID, is propogated across the net). This tag also facilitates a pre-existing method of dropping or cancelling the articles locally within the discussion groups if you don't want to see them. This accommodates individuals who want to separate the bulletins from the discussions, discussions from the bulletins, as well as those who are adamant about not reading another newsgroup and wanted to see everything all in one basket.

With the total size of Usenet (in number of newsgroups and total traffic) doubling every year or so, this is no insignificant contribution to reducing information noise and chaos. Making the discussion groups a catch-all, and making extra newsgroups filters on that catch-all, is also the most realistic way to implement such a scheme (It's not intuitively obvious what the charter, contents, and general appropriate topics for each and every newsgroup are. Seeing FAQ's and charter/intro postings in the home newsgroup is beneficial for new readers).

By cross-posting one only is adding a few tens of bytes to each bulletin (to specify the extra group on the Newsgroups line), but are adding the capability for very powerful filtering features available on most news servers, listservers and readers. Your local news guru could probably explain these features in more detail.

In rn, for example, according to Leanne Phillips in her rn kill-file FAQ, add a line of the form:
/Newsgroups:.*[,]rec\.radio\.info/h:j
either in ~/News/KILL (if you don't want to see rec.radio.info articles anywhere) or ~/News/rec/radio/amateur/misc/KILL (if you don't want to see them just in rec.radio.amateur.misc). The latter method means your kill file will only be consulted during rec.radio.amateur.misc (and hence runs more efficiently), and will probably work for most people.

In nn, according to Bill Wohler in his nn FAQ, add a line of the form:
rec.radio.info:!s/:^
in ~/.nn/kill (if you don't want to see rec.radio.info articles anywhere), or put the following lines:
sequence
rec.radio.info
rec.radio.
at the end of ~/.nn/init in order to see all the rec.radio.info bulletins first, then read the remaining rec.radio.* without the bulletins.

-- What is a 'follow-up', and what does 'moderated' mean?

If you are new to Usenet and are not familiar with the terminology, you might want to read the general introductory articles found in the newsgroup news.announce.newusers. Doing so will make your life on the net much easier, and will probably save you from making silly beginner's mistakes.

If you think that at this moment you are reading an echo, a conference, or a bulletin board, I'd also strongly suggest a trip over to news.announce.newusers.

For the rest of this article, I will assume you have a basic knowledge of Usenet terminology and mechanics.

A moderated group means that any article that needs to be posted to the group has to be accepted by the moderator of the group. Since we need to ensure that followups to an article (discussion) do not show up in the rec.radio.info newsgroup, the `Followup-To:' header line contains a newsgroup that is appropriate for disussions about the specific article.

-- OK, so now I know what 'moderated' means. Tell me more.

Rec.radio.info is a moderated newsgroup, which means that all articles submitted to the group will have to be approved by the moderator first.

The current moderator of the group is Mark Salyzyn. Submissions to rec.radio.info can be posted, or e-mailed to:

rec-radio-info@ve6mgs.ampr.ab.ca

Comments, criticisms, suggestions or questions about the group can be e-mailed to:
rec-radio-request@ve6mgs.ampr.ab.ca

But before you do so, please be sure to check out the "Submission Guidelines" article.

The influence of the moderator should be minimal and of an administrative nature, consisting chiefly of weeding out obviously inappropriate articles, while making sure correct headers etc. are used for the appropriate ones.

-- What type of material is considered inappropriate?

There are three broad categories of articles which will be rejected by the moderator:

1) Requests for information: rec.radio.info is strictly a one-way street. I receive information in my mailbox; I then post it to rec.radio.info. Requests for specific information belong in the normal discussion newsgroups. If your request gets answered, you might consider passing the answer on to rec.radio.info, though. Especially if you can edit it into a informational, rather than a discussion, format.

2) Obvious discussion articles, or articles that appear unsubstantiated.

3) Commercial stuff: a relatively unbiased test of a radio product would be accepted, but any hint of for-profit might be reason for rejection. For three reasons: This is not the purpose of the list, for-profit is a controversial topic, and this list may be passed onto Amateur Packet Radio (where for-profit is prohibited except under certain provisos).

rec.radio.swap (or possibly comp.newprod) may be more deserving of the posting in any matter.

Similarly, copyrighted material generally cannot be used. If it's TRULY worthwhile to the net, I would recommend obtaining permission from the copyright holder. Please note the source, and if permission was given. I

reserve the right to make the final decision concerning appropriateness in all situations. In most cases, a brief summary of, or pointer to, the copyrighted information may be all I can allow.

-- I do not have access to news, how can I get the information posted to rec.radio.info?

brian@UCSD.EDU (Brian Kantor) has kindly supplied a mail list server for rec.radio.info. Non of the articles will be digested, due to their size, so you will receive individual mailings for every article posted to the group.

Mail sent to radio-info@ucsd.edu will be forwarded to the moderator and thus is an alias to rec-radio-info@ve6mgs.ampr.ab.ca

To subscribe and unsubscribe via the listserver; the format for that is

sub address radio-info
unsub address radio-info

where 'address' is your full mailing address. Send this request to

listserv@ucsd.edu

Note that the server will automatically delete any address that bounces mail. If you leave the address portion blank, it will try to deduce your address from the mail headers. This may not work if you are on bitnet, milnet or some other non-Unix host, so it is recommended to put your return address in any case. For example:

sub mymailbox@myhost.mydomain.mil radio-info
or
sub MEMEME01@DMBHST.bitnet radio-info

or something like that.

-- Will the material appearing in rec.radio.info be archived somewhere?

< Dated information here >

Yes. Still firming up details at the moment but here is a preliminary list:
- unbc.edu as maintained by Lyndon Nerenberg <lyndon@unbc.edu>
- nic.funet.fi maintained by Risto Kotalampi <rko@cs.tut.fi>
saved to /pub/dx/text/rec.radio.info currently stored as numbered files.

Effectively this means that anything you post to rec.radio.info will be permanently stored, so your work will not be lost.

-- I have a regular posting with timely information, is there a way to speed up it's delivery, or automate for more convenience?

Yes, there is! It may take a bit of chatter with the moderator, but we are willing to take responsible people and provide them the means of posting the articles directly from their site. We will try everything we can as we fully realize that DX (distant signal) and astronomical data can be somewhat

transitory. We are also willing to allow regular posters of information the same courtesy, even if the information is not as time critical.

We refer to this as self-moderation, which is partly based on the model for news.answer. This requires co-operation and good will to be beneficial to the community in the rec.radio hierarchy.

I suggest reading the posting guidelines for more information. I am open to suggestions.

I thank the following individuals for their input into this article:
rec.music.info moderator Leo Breebaart rec-music-info@cp.tn.tudelft.nl
rec.radio.broadcasting moderator Bill Pfeiffer wdp@gagme.chi.il.us
Paul W. Schleck, KD3FU pschleck@unomaha.edu
Ian Kluft, KD6EUI ikluft@uts.amdahl.com

--
Mark Salyzyn -- Moderator rec.radio.info
Submissions to: rec-radio-info@ve6mgs.ampr.ab.ca
Administrivia to: rec-radio-request@ve6mgs.ampr.ab.ca
* Requests for information do *not* belong in rec.radio.info *

5821. Re: Controlling Pro2006 with a Mac

Newsgroup: rec.radio.scanner
Date: 1994-07-01 03:17:20 UTC
From: dmarcher@acsu.buffalo.edu
Message-ID: <Cs8rsw.50o@acsu.buffalo.edu>
Source record: 272373

In some random article, sean@sdg.dra.com (Sean Donelan) writes:
>In article <2un5lg$7fo@news1.svc.portal.com>, djh@shell.portal.com (Darryl Harvey)
writes:
>> I am also told that the interface is RS232, so basically any Computer
>> can control your scanner. You just need to write an interface for it.
>
>Do they make the protocol public?
>

yes. i ordered one today and they will be including the
docs for "CI-V", which is what the interface speaks. you
do have to ask for it separately though (no charge).

it sounds like it's fairly easy to deal with, being
something that's fairly readable (ie, it's in ASCII, not
binary).

Dave

5822. Looking for PRO-46 mods

Newsgroup: rec.radio.scanner
Date: 1994-07-01 05:44:39 UTC
From: mryanc@tamucc.edu
Message-ID: <2v0ag7$4rm@news.tamu.edu>
Source record: 272366

Anyone out there have any PRO-46 mods or test mode info?
Also, anything on Uniden CP6600 cell fone?

--

```
_____________________________________________________________________________
| | |
| Hot Flaming Death to Pee-Cee, | In the beginning, there was nothing. |
| MS-DOG, Windoze, & MacIntrash | And God said ,"LET THERE BE LIGHT!" |
| | |
| >>>> AMIGA RULEZ! <<<< | There was still nothing, |
| | but now you could see it. |
| mryanc@tamucc.edu | |
|_____________________________________|_____________________________________|
```

5823. [Q] Wisconsin State Patrol Feq.?

Newsgroup: rec.radio.scanner
Date: 1994-07-01 06:12:22 UTC
From: chea0009@gold.tc.umn.edu
Message-ID: <Cs900z.21q@news.cis.umn.edu>
Source record: 272367

Anyone travelling on the Wisconsin highway noticed that there happends to have many undercover Wisconsin State Patrol, or normal Wisconsin SP hiding between highways and waiting to pull someone over, and indeed I saw many got caught. I think it would be interesting to listen their (State Patrol) fequences if anyone could post them here or email me one.

Thanks.
--
With best regards. | Kong-Kin.P.Cheang-1@umn.edu
| ~{V#8U=!~}
|
| University of Minnesota, Mpls.

5824. Re: Weather Satellites?

Newsgroup: rec.radio.scanner
Date: 1994-07-01 07:24:39 UTC
From: alf@kaiwan.com
Message-ID: <cux4kClg1Oc9066yn@kaiwan.com>
Source record: 272368

In article <JAI4kClg1K2E066yn@kaiwan.com>, Alfred Lee wrote:
> > I am interested in picking up the weather satellites that broadcast in the VHF
> > band (aren't they around 135-145 Mhz)?
>
> 162.400 <2>
> 162.425 <4>
> 162.450 <5>
> 162.475 <3>
> 162.500 <6>
> 162.525 <7>
> 162.550 <1>
>
Scrape that. Someone was kind enough to e-mail me that this is wrong
information. I just wasn't reading carefully. Sorry.

Regards,

--
Alfred Lee, KE6??? Fountain Valley, CA, U.S.A. alf@kaiwan.com
FCC listening? ^ 'The answer is (e^i&#65533; + 1) ? "Yes" : "No"'

5825. Need Nags Head, N.C. freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-01 10:52:53 UTC
From: jss@etbsun.larc.nasa.gov
Message-ID: <2v0si5$ser@reznor.larc.nasa.gov>
Source record: 272371

I am going to Nags Head beach for the weekend and was wondering if anyone had any good freqs that I should listen to while I am roasting on the sand. Please E-Mail me.

Thanks in advance;
Jim Smith
jss@longstreet.larc.nasa.gov

5826. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-07-01 11:56:40 UTC
From: parnass@ihlpf.att.com
Message-ID: <Cs9FuG.9Cv@nntpa.cb.att.com>
Source record: 272374
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: June 23, 1994 |

Introduction to Scanning
by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, where to get it repaired if required, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves between 49.67 and 49.99 MHz by their sensitive baby monitor intercom.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. Change is in the wind -- when existing stocks are depleted, it will be illegal for companies to sell scanners which cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have recently enacted laws against listening to cordless phones, but it's currently legal to listen in most states. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend AOR brand scanners.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't make sense to buy a crystal unit as your main scanner unless you

get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners almost always provide more audio than portables, and portables are usually more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band unless you live in a very rural area where this band is not used. Usage of the 800 MHz band is growing by leaps and bounds.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to most scanner owners.

Currently, the more popular scanners include the Uniden/Bearcat 760XLT (a/k/a 950XLT) and Radio Shack PRO-2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT) and Radio Shack PRO-43 portables.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more. If you do use an outdoor antenna, be sure to disconnect and

ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be somewhat more prone to lightning strikes because they are not at "DC ground."

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores | like Wal-Mart, K-Mart, Service Merchandise, and Circuit | City sell scanners, but carry just a few models. Depart- | ment stores, like Sears Roebuck and Montgomery Wards, some- | times offer scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- National Tower Company, PO Box 15417, Shawnee Mission, * KS 66215. Telephone (913)888-8864.

- Marymack Distributing (Katy, TX) sells Radio Shack scanners at discount, but charges a restocking fee for | returned merchandise. Telephone (713)392-0747. |

- Scanner World (Albany, NY). Telephone (518)436-9606.

Beware of inflated "shipping and handling" charges and be | sure to include these when comparison shopping. |

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

KD4MOJ maintains a scanner modification server for people without FTP access. You can request a list of scanner modifications by sending electronic mail with the words GET

INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove Enterprises for about $25. This single edition contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. It will likely disappoint | experienced scanner hobbyists and is better suited for | beginners. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

The FCC has an agreement with PerCon (tel. 716-386-6015), a | private company, to sell FCC license information to the | public on both floppy disks and CDROMs. You can buy the | full license information for a multi state region or a less | detailed license database covering the the entire USA on | CDROM for about $100. |

Grove enterprises sells FCC license information on floppy disks. Disks for each state are sold separately, and the information is basically the same as the FCC "state sort," i.e., transmitter location (state/city), callsign, licensee name, and type of license.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to use a shielded cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly publication, The American Scannergram, is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of good product reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo, AOSCNet, distributed via FTN on 6 BBS systems, and via Internet Mailing list. Rick Christian advises these strict rules for the AOSCNet Scanner Radio Echo (as of 2/1/94):

1. No discussion of cellular modifications or discussions on how to monitor cellular transmission.
2. No discussions on topics which would violate the ECPA '84, TDDRA '93, (18 USCA 2510 et seq.) or Communications Act 1934 & 1984 as amended (47 USCA 705), i.e., decoding/reception of paging, cellular, encrypted stuff, descrambling etc..
3. No Aliases.
4. No discussion of Shortwave or Amateur Radio material (except SAREX).

For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is the foremost club for scanner radio hobbyists in the northern Illinois area. CARMA was formed from the Chicago chapter of the Radio Communications Monitoring Association (RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays at area restaurants, about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about 4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members sometimes sell radio equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year subscription is available by mailing a $10 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Many CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for the remainder of | 1994. All meetings will be held on Saturdays at the Destiny Restaurant, 1440 Rand Road, Des Plaines, IL:

August 13 *
October 15
December 10

Bring a notebook and your appetite.

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5827. Re: Help w/2006

Newsgroup: rec.radio.scanner
Date: 1994-07-01 12:15:06 UTC
From: dans@rehab1.UUCP
Message-ID: <1065@rehab1.UUCP>
Source record: 272309

In article <2u2flccoc1@heifetz.msen.com> koechig@garnet.msen.com (B Koechig) writes:
>
>Ok, here is the problem. While using the tape output to record, there is a
>pulse about every 10 seconds or so while scanning. Through the speaker you
>can hear it but you have to turn the volume up full and still then it's
>barely audible. Through the tape output the amplitude is such that it
>trashes any attempt to use a vox tape recorder. Once the squelch is broken,
>it isn't there. Now that I think about, it happens with my pro-34 as well
>while using the ear jack. What's wrong besides the equipment being
>Radio Shack?? The only mod I've performed so far has been the cellular
>restoration. Any ideas or hints will be appreciated.

It could be (#1) the check for traffic on the priority channel or (#2)
a switch between bands. I scan all FM stuff exect for the civil & military
aircraft emerg freqs. Each time my 2006 hits these it gives a pulse noise
(almost a click) through the tape out thats not heard on the internal (or
external speaker). Since it happens at the same spot each scan pass based
on the number of channels active it can appear at almost any time value.

-Dan
--
|\ /|
internet: rehab1!dans@canal.org 'O.O' Reading Rehabilitation Hospital
voice : (610) 796-6352 =(___)= RD 1 Box 250
fax : (610) 796-6342 U Reading, PA 19607

5828. Re:]Mod for RS Pro-20323 sought,

Newsgroup: rec.radio.scanner
Date: 1994-07-01 12:21:28 UTC
From: dans@rehab1.UUCP
Message-ID: <1066@rehab1.UUCP>
Source record: 272308

[Tried sending e-mail but it bounced :-( ]

In article <771968002@f747.n115.z1> Jerry.Smith@f747.n115.z1.fidonet.org (Jerry Smith) writes:
>
>Product...Realistic PRO-2032 by Radio Shack
>Purpose...Modify for continuous 800 Mhz coverage
> in appropriate 30 Khz steps where applicable

Thanks Jerry! Its greatly appreciated.

--
|\ /|
internet: rehab1!dans@canal.org 'O.O' Reading Rehabilitation Hospital
voice : (610) 796-6352 =(___)= RD 1 Box 250
fax : (610) 796-6342 U Reading, PA 19607

5829. How to Find Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-01 12:31:26 UTC
From: parnass@ihlpf.att.com
Message-ID: <Cs9HGE.9tv@nntpa.cb.att.com>
Source record: 272275
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed July 1, 1994 |

HOW DO YOU FIND THESE SCANNER FREQUENCIES?

by Bob Parnass, AJ9S *

[NOTE: This article may not be reproduced in whole or in | part on CDROMS, in bulletin boards, networks, or | publications which charge for service without permission of the author. Free distribution is encouraged.]

I am often asked, "How do you find these frequencies?" Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books

The most convenient source of fire and police frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores for under $10. Police Call is basically a computer printout of FCC license information in the fire, police, local government, and conservation services in two lists: by licensee name within state, and by frequency. Later editions have included a few pages of local airport and nonsensitive federal government frequencies.

I highly recommend Richard Prelinger's 1992 book, Monitor America, published by Scanner Master Corp., and available from Grove Enterprises for about $25. This second edition | is crammed full of police, fire, local government, news media, sports, national park, and commercial broadcast frequencies for all 50 states. The information was compiled mainly from members of the world's largest scanning club, the Radio Communications Monitoring Association (RCMA). Monitor America contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.

Beyond Police Call, available from several sources including Radio Shack, covers the business, schools, and other stations not covered by Police Call, its sister publication. One volume covers the entire USA, but no call signs are shown.

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide. The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $20. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is the best book in print for this difficult to obtain information.

A more accurate, but smaller and less comprehensive book is Midwest Federal Frequency Directory. It was published in 1986, and copies are getting scarce. Copies may still be available for $10 from Scan America.

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells the information on PC floppy disks for each state instead.

The FCC has an agreement with PerCon (tel. 716-386-6015), a | private company, to sell FCC license information to the | public on both floppy disks and CDROMs. You can buy the | full license information for a multi state region or a less | detailed license database covering the the entire USA on | CDROM for about $100. |

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me.

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)1. Only 12 of the 21 information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau", indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'2.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information is marked 'unclassified', but all fields are furnished, including some which indicate security related usage. Grove sold this set of 33 microfiche cards for about $13.

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

Since the early 1960s, I had been an amateur radio | operator, and belonged to amateur radio clubs, but I never | realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road
Springfield, OH 45503

Do Your Own Sleuthing

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of

listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

More about sleuthing will be discussed in Part II of this article. |

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part in bulletin boards, networks, or publications which charge for service without permission of the author. Free distribution is encouraged.]

Part I of this series discussed how scanner enthusiasts can obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio | room" wall, to compile frequency lists, then monitor | the listed frequencies to confirm that they are | really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation. *

Most listeners use a combination of both approaches. |

What Makes Station Identification Difficult?

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters. Police and fire departments, especially those with trained

radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information. |

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find Dymo tape labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I examined a military manpack radio being used by dispensary paramedics. The radio's tuning dial was set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored personnel carriers at the local county fair, each equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM radio had a set of channel select pushbuttons, much like those in a car radio. I asked a guardsman a few questions about the radio, and he demonstrated the channel preset feature. A panel above the channel pushbuttons was labeled with the frequencies: 32.055, 34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at the Marseilles armory "open house". The public was permitted to climb aboard, and observe the instrumentation and radio gear. A channel plate on the instrument cluster listed over a dozen frequencies.

Hobbyists are urged to exercise a modicum of restraint and good judgement. In New Jersey, a radio technician/hobbyist called to service a transmitter in a county building, noticed a new unattended repeater installation in the same room. Being curious about what frequency this repeater was on, he opened the access door to copy the frequencies from the radio's crystals. It turns out that this radio belonged to the US Secret Service, and opening the access door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's permission to tamper with that equipment.

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's

"search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work. |

How Can I Determine To Whom I'm Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot | easier for me, and legal for them! (one may use FCC license | microfiche, described in Part I of this article, to | identify stations using call letters.) Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls. A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center (XYZ is a pseudonym for the |
actual licensee name.)
Lisle, Illinois *

I watched the driver pick up a microphone, and listened to him on my portable scanner checking back with his "base".

All the pieces fit: the "guests", the "classes", the "instructors". Mystery solved; I had been monitoring the customer training center for a large computer manufacturer. The training center has hotel rooms and dining facilities to accommodate students from out of state. As a convenience, shuttle van service is provided to local shopping malls. |

Summary

Through books, government records, and radio clubs, scanner listeners can make use of frequency information compiled by others. Two-way radio users often fail to identify their transmissions properly, making it more difficult for listeners to know who they are monitoring. By examining radio equipment labeling, and monitoring and taping transmissions, scanner enthusiasts can unearth new information. |

Addresses |
|

Grove Enterprises, |
PO Box 98, |
140 Dog Branch Road, |
Brasstown, NC 28902. |
tel (704)837-9200 |

Official Scanner Guide, |
PO Box 712, |
Londonderry, NH 03053. |

Scan America, |
430 Garner Drive, |
Suffield, OH 44260-1557 |

|
Scanner Master, |
PO Box 428, |
Newton Highlands, MA 02161. |
telephone 1-800-722-6701. |

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1. See "The Government Giveth, the Government Taketh Away",
by Richard Prelinger, in Monitoring Times, July 1982.

2. See "AFIO and the FOIA", by Bob Grove, in Monitoring
Times, September 1982.

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5830. Delaware (USA) freqs wanted.

Newsgroup: rec.radio.scanner
Date: 1994-07-01 12:36:12 UTC
From: dans@rehab1.UUCP
Message-ID: <1068@rehab1.UUCP>
Source record: 272307

The familys going to Delaware in late July and I hate to go without a scanner for a week. So if anyone has frequencies for the Masseys Landing area (including, Dewy and the state parks) please post or e-mail them.

We will also be going into MD (have to visit Ocean City). So any freqs to monitor while there will also be appreciated.

Thanks in advance.

-Dan
--
|\ /|
internet: rehab1!dans@canal.org 'O.O' Reading Rehabilitation Hospital
voice : (610) 796-6352 =(___)= RD 1 Box 250
fax : (610) 796-6342 U Reading, PA 19607

5831. Re: For Sale : PRO 2006 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-01 13:27:10 UTC
From: briskin@binah.cc.brandeis.edu
Message-ID: <1994Jul1.132710.19835@news.cs.brandeis.edu>
Source record: 272278
Cross-posted to: rec.radio.scanner,misc.forsale

Blaine Johnson wants $375 for the Pro2006 he paid $425 for...

Without wishing to sound catty, you can still find modifiable
Pro2006's through mail order BRAND NEW for under $350. I,
personally, paid $345 (including shipping) through MaryMac.

Jeff Briskin
Brandeis University

5832. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-07-01 14:02:37 UTC
From: raoul@athena.mit.edu
Message-ID: <RAOUL.94Jul1100240@bolognese.mit.edu>
Source record: 272277
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

In article <1Wt4kiubGUOJ066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:

In article <1994Jun30.104821.24271@amoco.com>, lewall@amoco.com wrote:
>
> Chris, take a look at the latest offerings from whatever data comm vendor
> you prefer. Look for a NON-INTRUSIVE FIBER TAP .... about 30 bucks and an
> idiot could put this a piece of fiber.
> Just my $.02 worth to the fiber tap discussion.
> Larry
>

It's not that easy: the easy way to get a signal out of a fiber is to bend it until the light comes out (the angle of the bend being greater than Brewster's angle). This tends to let *all* the light out (unless you bend it *just* right), in which case you no longer have a signal. Moreover, the amount of signal needed to register on a typical photo-diode and be read off by your tap is *not* small: I suspect you'd wind up attenuating the hell out of it, even if your tap only took enough power off the line to read the data.

Now, if you put some sort of *repeater* on the line, it becomes easier. But you'd have to cut the line to do that. Other means are certainly possible, but seem at first glance to be harder than you think. It would be much easier to tap the electronics that drive the fiber-optic: there are drivers that would ignore a modest additional load.

Nico Garcia
raoul@athena.mit.edu

5833. Re: AOR scanners - What is wrone with them?

Newsgroup: rec.radio.scanner
Date: 1994-07-01 15:25:08 UTC
From: wsmith@huey.csun.edu
Message-ID: <wsmith.17.2E143553@huey.csun.edu>
Source record: 272280

In article <11@sapphire.win-uk.net> scollin@sapphire.win-uk.net (Simon Collings) writes:
>From: scollin@sapphire.win-uk.net (Simon Collings)
>Date: Sun, 26 Jun 1994 15:29:09 GMT
>Subject: AOR scanners - What is wrone with them?

>I have just got started with Internet, but in the short time
>I have been subscribing to this group I have noticed a distinct
>disinterest in AOR scanners. No one seems to mention this brand
>much. The only mentionings I can find so far are negative.

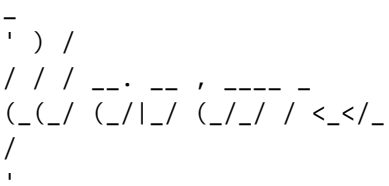
>I am quite a fan of these radios. They are readily available here
>in the UK and have good back up service via the importer. They have
>good performance and even my old AR-3000 (AR-3000A predecessor)
>leaves my ICOM R-7100 standing still as far as scan speed is
>concerned. Is there something wrong with AOR scanners from other
>user's point of view?

>Any comments would be welcome.

>Simon

If it helps, the AOR-3000 (and the 3000a) is the finest scanner I have
ever owned in 20 years of scanning.

Wayne



5834. BC70XLT mods

Newsgroup: rec.radio.scanner
Date: 1994-07-01 15:25:11 UTC
From: jwl@garnet.msen.com
Message-ID: <2v1cgn$mb4$1@garnet.msen.com>
Source record: 272279

Does anyone know if this is modifyable in any way.
Email: srm@gtd.com Thanks.

5835. SW Radio Reviews

Newsgroup: rec.radio.scanner
Date: 1994-07-01 15:56:20 UTC
From: jlloyd@pluto.cs.clemson.edu
Message-ID: <2v1eb4$rs4@hubcap.clemson.edu>
Source record: 272281
Cross-posted to: rec.radio.shortwave,rec.radio.scanner,rec.radio.info

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Below is a collection of SW receiver reviews written by readers of Rec.radio.shortwave. The number following the brand and model number is the number of readers, who indicated they use this type of receiver.

All credit for these reviews should be given to the readers of this group and not me.

John Lloyd

Radios Reviewed:

AR3000
DAK DMR-3000
Emerson PSW-4010
Grundig Satellit 500
Grundig Satellit 700
Icom IC-R70
Icom R-71A
Japan Radio Company NRD-515
Japan Radio Company NRD-525
Kenwood TS-450
Lowe HF-150
Lowe HF-225
Magnavox 3625
Magnavox AE-3805
Panasonic RFB-65L
Philips AE3905
Realistic DX-342
Realistic DX-375
Realistic DX-380
Realistic DX-390
Realistic DX-440
Sangean ATS-803A
Sony 2010
Sony ICF-5100
Sony ICF-5900W
Sony ICF-7601
Sony ICF-SW20
Sony ICF-SW33
Sony SW-1
Sony SW-15
Sony SW-55

WATKINS-JOHNSON HF-1000

****

Sony 2010 - 3

I found it VERY easy to plug in and start listening. The supplied instructions are adequate for what they do, but are not really enough to really start enjoying the radio. The whip antenna works great at home, but just doesn't cut it at work (way too much metal/interference). Even the supplied wire antenna does not seem to help at work (I have not yet tried it at home (no real need).

****
Realistic DX-342 - 1

I've owned this little radio for about a year now and am really pretty happy with it.

Advantages: Size - Measuring approximately 4 3/4 x 2 5/8 x 1, you can take this little mini anywhere! Even slip it into your shirt pocket!
SW bands - Covers 9 SW bands: 49m, 41m, 31m, 25m, 21m, 19m and 16m.
MW, FM, FM Stereo (thru headphones)
Travel Power lock
Push button control
Runs on two AA batteries or AC adapter
Travel pouch
Carrying strap

Disadvantages: It's an analog unit, guys and gals, no digital display.
No back stand
Antenna does not rotate up

I've had a lot of fun with this little receiver. The SW sensitivity is quite good for my area of the country, Cleveland, Ohio. The speaker has a nice sound and improves thru the earphones. FM stereo thru headphones is great! MW DXing is surprisingly good! I can grab signals from Boston, Chicago, New York and Cincinnati much better than on my Magnavox AE 3625 Digital!

Summary: A nice little travel radio that's fun to fiddle with or take for travel when you're in a pinch. Radio Shack has discontinued this model so you might be able to find it on sale for around $50.00. I love the size! Ideal for travel! I'm beginning to think that anything larger is too

cumbersome. I do miss the Digital Display and all the
features that go with it: Freq. display, Alarms,
world time display, etc. If I were buying today, though,
I'd consider what else is out there for just a bit more
money. For example, the new Sangean 606 is only
slightly larger and has all the digital features mentioned above that I miss. I
've seen it priced for as little as
$179.95!

****
Realistic DX-375 - 1

It costs $99.99 though I got it for $89 since I had a coupon for a
rebate. For the price I think I got a good deal. It has digital tuning
and direct input of frequencies which allows tuning to be a pretty
simple job and not a time consuming act of patience. It uses two C type
batteries... I use rechargable ones and they last a pretty long time..

It is not small enough to carry in your shirt pocket but it could fit in
the front or side pocket of an average sized backpack. It is just great
when you are walking back home from school/work ... it can be easily
carried in one hand as you catch up on the news from
BBC/Deutschewelle/Radio Australia/etc.... as you walk home..
I get decent reception of all the `big stations' even indoors and have, on
occasion also been able to tune to Radio UAE....

The sleep function is perfect for someone like me who likes to fall asleep
with music... the FM sound is pretty good in stereo (headphones)... The
AM reception is also fairly good but it has a very high tendency to catch
those Bible bashing stations...probably a reflection of the region where
I live...

The strap is a little shoddy and I have a feeling I may have to `fix it'
soon... I expect it to pop out any moment....
Despite that, I like it...

****
Realistic DX-380 -2

I've owned a DX-380 for about 9 months now and....
It's a GREAT RADIO! However, I should qualify
this. I bought it on sale from Radio Shack for the
bargain price of $129.95! It regularly retails for
$179.95. At $130.00, this radio is a real steal!

About the size of a large paperback book, the 380
is feature packed!

*DUAL CLOCKS
*ALARM WITH RADIO/BUZZER
*60 MINUTE SLEEP TIMER
*DUAL BANDWIDTHS
*DIRECT FREQ. ENTRY TUNING

*TUNING KNOB
*SLEW TUNING
*TUNES IN 1 OR 5 KHZ STEPS
*CLOCK DISPLAYED SEPARATELY
*BACKSTAND
*STEREO THRU HEADPHONES
*CONTINUOUS SW COVERAGE...NO GAPS!
*AUTO SCAN UP OR DOWN
*ANTENNA ROTATES AND SWIVELS
*CARRYING CASE

The sensitivity of this radio is GREAT! With a reel antenna, it's even better! I read another review that said reception was lousy....I think that individual should check his particular receiver as he might have the rare defective unit. MW reception is also outstanding and with a Slect-A-Tenna is greatly improved! Herein Cleveland, I pick up Chicago, Cincinnati, and Pittsburgh during the day WITHOUT the select-a-tenna! With the S-A-T reception gets an added boost! (these are all 50,000 watt stations)

I have found it to be about the perfect travel size. I would like something smaller, like the 606. This size, however is fine. I've carried hardbound books on jets that are larger. The many features makes up for it's slightly larger size over a mini. It does not have SSB, but I really don't miss it.

All in all, A great radio priced at $130.00! I would not have bought it for the price of $179.95. There are other radios in that price range that ive ya more bang for the buck. At $130.00, it's a great deal! If you can get it at that price, snap it up!

I am by no means an expert, but I have a DX-380 and can give some of my experiences. First of all, I would pay the extra to get the 390 to get the single side band capability. I miss it. I miss it. Also, the sensitivity for foreign broadcasts (I'm in DC) without an external antenna is poor. You get the BBC and some German broadcast relays from Canada transmitters, some south american stuff, and that's it. BUT with a 50 m Cu wire out my 2nd story window attached to the antenna with an alligator clip, I regularly get Abu Dhabi and Australia at night.

****
Realistic DX-390 - 2

Great mid-sized digital portable. Good sensitivity and selectivity. Digital display shows time, frequency, signal strength, and memory location. Covers LW (in 9 kHz steps), MW (in 9 or 10 kHz steps) and SW continuously from 150 kHz to 30000 kHz. FM reception (88-108 MHz) with stereo through headphone jack. BFO control for SSB reception. Built-in timer/clock, 9 programmable memory locations per band, except 18 on SW. Good audio output. RF Gain and AM bandwidth controls. Keypad

frequency entry. External antenna, AC-adapter inputs.

A great radio for the beginner or as an upgrade from a smaller and/or analog unit.

Purchased from Radio Shack for $219 in January, 1992.

I have a new Realistic DX-390 (alias Sangean 813??). Seems to be a great value for the price $169 US. I haven't yet heard from someone who can recommend a radio for the same price that is better, and can back it up with facts.

****
Grundig Satellit 700 - 3

Truly a world-class portable, digital receiver. Excellent sensitivity and selectivity. Digital display with two separate clock/timers, signal strength meter, band selection, frequency readout, and user-definable eight-character "name" for each memorized station. Has RDS circuitry on FM to decode the newly-phased-in system for identifying stations by call letters, format, etc. 512 memory positions, upgradable to 2048. Tunes in .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. Receives USB and LSB. Synchonous detector helps pick difficult-to-receive stations out of the crowd. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz). Excellent audio output, with separate treble and bass controls. Stereo through headphones or external speakers. Line-level out (left and right), external antenna, and 12 VDC-in jacks. Local/DX switch. Built extremely rugged. Multi-national power supply included.

An outstanding performer, and worth the price to a serious SWL or DX'er who requires portability.

Purchased from Universal Radio for $479 in April, 1993.

The Following is a comparison of the SONY ICF-SW77 and the GRUNDIG SATELLIT 700:

Both of the receivers you are looking at are pretty solid. The Sony is slightly smaller and has a somewhat more "finished" feel about it. The Grundig is SOLID with a much better sound. Neither is as good a SW signal receiver as the previous Sony, the '2010 (2001). However, they both have very advanced features; multiple (and in the Grundigs case, expandable) memories with alphanumeric tags so that you have a name as well as a frequency, all sorts of memory grouping and scanning etc. The Grundig has good RDS ident. on it's FM band, but I have a feeling that this isn't used much, if at all, in the US. If you intend to buy second-hand, be very wary of the SW77 - the early version was

pretty flakey. The later version is better but still not as good as the '2010.
I think that the choice comes down to "feel". They are both quite complex to use, but both work as advertised. Try 'em both as they have quite distinct operational methods. If sheer performance on SW is the main point for you, compare them with the Sony ICF2010. You'll buy it and save some loot !
For what it's worth, I tried them both and settled on the Grundig. I have my Satellit 700 in daily use and it's performed without a hitch.

My reasons for the choice were:

1. Performance. The Grudig was much better than the early SW77.
2. Sound. I happen to prefer the slightly bassy Grundig sound to the somewhat sharper Sony.
3. Power. The Grundig takes D cells and can self-charge Nicads in the set, which is how I have it set up. (The SW77 used C cells) They both run down batteries fast. The Sony worse than the Grundig due to it's smaller cells.
4. RDS. I love it and the SW77 doesn't have it.
5. Feel. I like the, I don't know, Germanic solidity and sheer heft of the Satellit. A Satellit with a full load of 4AH Nicads can tip the scales at twice the weight of a SW77. Of course, if drop one on your foot the Sony would be the better bet ! I only use the Grudig about the house. I have a '2010 for the road.

I hope this splurge hasn't clouded the issue for you.

Editor's Note:
I have one of these radios and love it! I sent the following message to someone just after I bought it.

I just recently forked out $500 and bought a Grundig Satalit 700. The sound from the radio is truely impressive! I have always wondered why broadcasters put music on shortwave, because it alway sounded like garbage. However with the 700 I can listen and enjoy the music. The 700 has Bass and Treble controls, which improve the sound quality but the Automatic Gain Control most likely does the most toward improving the sound (I'm not an expert, so this is just a guess!). Anyway my Wife regularly listens to music coming from a 60m band radio station in Guatemala, and can enjoy the sound. However there are some bad points. It is programable, but I have not worked out how to do it yet. Well I tried once and gave up. This is not too bad though, because BBC, Deutche Welle, and about 10 others are stored in a ROM table. And these frequences actual work (i.e. they are the frequencies for North America and NOT Germany).
Also I connected a long wire antenna and found my local AM station on shortwave. I guess the front-end is not good enough to

sort the signals out when coming from a large antenna. But don't worry about this either.
If you only want to listen to the biggies like BBC, Deutche Welle, you won't need an external antenna. I am planning to put a Pre-selector between The Radio and the Antenna, and I think this will cure the problem of AM stations on shortwave and cut out some interference. Finally I recommend this radio to you. I'm sure you will have hours if enjoyment from it.

****
Grundig Satellit 500 - 2

Formerly Grundig's flagship portable SW receiver, this is still an excellent piece of equipment. Excellent sensitivity and selectivity. Digital display with two separate clocks (only one displayed at a time), signal strength meter, frequency readout, and four-character user-definable "name" for each memorized station. 42 memory positions. Tunes to .1 kHz increments. Selectable wide/narrow bandwidth for AM mode reception. Tunes MW in 9 or 10 kHz steps. Keypad frequency entry. In addition to AM, has three receiving "modes" for LW, MW, and SW: USB, LSB, and "Sync," which should more accurately be described as "fine tuning," as this implementation of synchronous detection operates differently from the Satellit 700 or Sony 2010. Selectable automatic/manual gain control. Covers LW (150-353 kHz), MW (528-1611 kHz), SW (1612-30000 kHz), and FM (87.5-108 MHz).
Excellent audio output, with separate treble and bass controls. Stereo through headphones. Line-level out (mono), external antenna, and 12 VDC-in jacks. Local/DX switch.
Built extremely rugged. Power supply included.

An all-around great performer. Now that it's discontinued, many outlets are selling this unit at close-out prices, making this radio an excellent value for the money.

Purchased from Universal Radio for $379 in December, 1992.

I have a Grundig Satellit 500 and am basically satisfied with it. I miss the 512 memories of 700 and 'SSB clarify' control sometimes.

Yes, its 'sync' is exactly fine tuning in 100 Hz steps. However, it is rather simple to make it work similarly to '700 and '2010, because the detector chip is the same in all three. Only a switch with two pairs of contacts is needed. Another design fault, the excessive distortion in SSB mode, can be partly cured by adding two resistors. For serious DX-ers it may be important that the internal ferrite rod cannot be disabled on MW and LW in both 500 and 700, so the in-house noise may become a problem on these bands.

****
Lowe HF-150 - 1

The Lowe HF-150 (sold by Universal and EEB) is a nice compromise. Similar number of cubic inches as the Sony (different shape), but offering some features of the R8. Also the Lowe is made with a mostly solid alumnum case, which is better than the Sony or the Drake. The Lowe has dual antenna inputs (wire or SO-239), record out, audio out, 12vDC in. It can run off any 12V DC battery. I use 7 aH gelcells which I recharge. The Lowe also takes 8 internal AA nicads *OR* disposable batteries. It will recharge the nicads with a builtin recharger if you plug it into an external power supply. It's a nice semi-portable radio. It has a few ideosyncracies, but you might want to look at it.

****
Lowe HF-225 - 2

I've had an HF-225 for a few years now, and I'm pretty happy with it. I use it mainly for broadcast listening. It's connected to 25m of random wire via a 5m coax run inside the house.

I tried using an ATU to improve the matching between the aerial and the coax, and on some frequencies it gave a (small) improvement in signal strength, but it was such a pain to keep retuning that I gave up using it.

I recently bought a "magnetic longwire balun", and this seems to offer the best of both worlds - improved matching between the wire and the coax, but no retuning necessary. It's rather expensive, though, and it may be that I'd have been just as well off with a home brew transformer on a ferrite ring...

The other potential advantage of an ATU, filtering out of strong signals well away from where you're listening, seems to be completely irrelevant on the HF-225. I've never yet found a case where switching in the attenuator did anything beneficial. The receiver's front end seems to be excellent in this respect.

I've got the sychronous detector option, and I wouldn't be without it. It quite often makes a heavily fading signal quite pleasant to listen to. Pity it doesn't have a selectable sideband option, though - I quite often find myself tuning an AM signal in the LSB or USB modes to try to get rid of an adjacent interfering signal.

Would I buy it again? Yes, unless I decided that I really wanted a receiver which offered a computer interface.

****
Sony SW-1 - 2

I bought an SW1E over a year ago, for listening to broadcast SW and FM at home and while travelling. I like this very small radio

a lot. It is maybe expensive for a portable, but the build quality is very good, - everything looks and feels right. Battery life is good, and the set DOES work with NiCads (2*AA) contrary to the instructions. Reception of broadcast SW is good, either with the whip or clothes-line antenna. I've never noticed any big problems from adjacent channels either. As a bonus, FM stereo reception is good through headphones. Audio quality from the in-built speaker is fair, but you'll want to use phones for noisy environments. The only bug with this radio is the memory capacity - only 10 mems is really not enough to cover ALL of AM and FM.
Summary - if you want a very small portable, and appreciate high quality (and can afford it), I would recommend the SW1E. Note the E, which denotes the SW1 kit without the active antenna and brief case - these add a lot to the price, and I don't rate the antenna too highly either.

****
Sony SW-15 - 1

I bought one of these puppies on impulse the other day (at my age you should give in to the occasional impulse, just so they keep coming). Cost $85; you could probably do better by shopping the discounters.

Specs:

Dual Conversion Receiver, 6 1/2 x 4 x 1 1/2 inches, 3 AA or 4.5v DC.

Nine Bands:

FM: 76-108 Mhz, 10.7 Mhz IF.

SW: 5.775 -6.425; 6.875-7.525; 9.375-10.025; 11.6.5-12.265; 15.00-15.65 17.50-18.15; 21.325-21.975. 1st IF 10.7 Mhz; 2nd IF 455 Khz.

MW: 530 - 1710 Khz; 455 Khz IF.

Analog Tuning dial, volume control, music/news tone switch, 7 position SW band selector. FM/MW/SW select buttons double as "on" switches. "Off" button. "Hold" button to disable "on" (prevents accidental turnons) Slide rule, multicolumn frequency display. Hand strap, foldout stand to hold at angle on table, soft carrying case. Basic shortwave guide. Telescoping antenna. FM/MW/SW "on" and tuning LEDs. Mono earphone jack.

Subjective Review:

I'm pretty impressed. Sensitivity is up there with the Pomtrex [:-)] without the "splatter" of strong stations. Analog tuning dial requires a delicate touch but for me that's part of the fun. Drift seems nonexistent; you get a station and it keeps it without a lot of vernier twiddling. MW performance was surprisingly good, as was FM. I'd recommend it as a starter radio.

****
Sony ICF-5100 - 1

I bought this radio in Kuala Lumpur in 1988, and I'm not sure if it goes by the same model number in other parts of the world. It is a shirt pocket analog tuned radio with coverage from 6MZ to about 21MZ in seven bands. The radio is very rugged and has served me well despite of the physical abuse it has gone through. Because of its small size the speaker is only small and the sound from it it a little tinny, but I used it mainly to receive news in countries without English language news services and in remote areas while camping etc. I recommend this radio to anyone, who considers size the most important factor. Cost was about US$70.

****
Sony ICF-7601 - 2

In some respects this is my favorite radio. No bells no whistles no FM stereo -- just a good solid (feels like a small brick) analogue unit. It covers AM, FM and has 10 SW bands that cover most of the "out of band" frequencies. Band switching on SW is done by a slide on the front of the radio while buttons are used to switch from AM to FM to SW. The dial is accurate to 5 kHz so is very easy to locate a station. I believe that it was simply the best low cost analogue rig out there. It's still around and can be had for well under $100.00. Grab it!!

I have a 7601 also. Most of its weight is from the batteries and the speaker, giving it better tone and volume than smaller, lighter sets.

As with other cheap analog sets, it wasn't very hot out of the box.

If you "super tweek" the 7601, it's pretty good on AM, but no match for a 2010 or Superradio III. Most of the shortwave bands peaked up well, but I never could get 19 meters working right. As with most analog portables, the whip is part of the RF tuned circuit, so one must be careful to duplicate the exact listening conditions when tweeking the radio. Even the presence of headphones will shift the antenna tuning.

Unfortunately the 7601 picks up FM stations at various places on the shortwave bands. If you're far enough away from FM and TV stations you might have room for an R-390.

When going on trips I usually take my SW-1 because of the convenience of the presets and the reception flexibility provided by the active antenna that comes with it.

****
Sony ICF-SW33 - 1

I've owned this radio (SW33) for about 9 months and use it as my "carrying around the house rig." It was purchased to replace a Sony 7601 that now resides on my desk at college (things electronic can grow legs on a college campus). By far the best features of this unit are its convenient size and excellent performance on all bands, AM, SW and FM stereo. Don't get me wrong -- this is not a DX machine on SW but for listening to the major broadcasters, it's excellent.

The single filter selection seems just about right and tuning on SW is in 1 kHz intervals. This at least gives you a "fighting chance" to move away from interference. That's a major improvement over the 5 kHz that many radios in this price range allow. In addition, the dual conversion design on SW keeps image interference at bay - a major plus for a small portable.

The radio does not have a keypad so entering frequencies is a bit clumsy. However, by entering the middle frequency of each of the major SW bands in the 7 memories (5 memories plus 2 timer memories) and slewing up or down from those positions you can get around reasonability fast. The SW bands are changed by a combination of 2 keystrokes.

The sleep control (shuts the radio off after 1 hour) can let you be lulled to sleep and the timer alarm can make sure that you get to work on time (radio shuts down after 2 hours if it is turned on by the timer). Setting the radio alarm is very easy - once you have set the clock, but that frankly, is a pain. The clock function, which works very well (combination world/home time), takes at least 7 distinct steps to set it. Fortunately the clock is fairly accurate (looses about 0.2 sec/day) so you don't have to reset it very often. The lighted dial (stays on for 20 sec at the touch of a button) is a nice touch.

Battery life is excellent contrary to the 1994 Passport to World Band Radio (see below). The radio has a battery "gauge" that is activated at the touch of a button radio and shows in the display as a battery icon with 3, 2, 1 or 0 dots inside of the battery outline. It disappears after about 5 seconds. As soon as the number of dots reaches 0, the radio shuts off immediately. I ran a a series of tests with Radio Shacks Super Alkaline batteries and got the following results: 3 dots showed for 37 hours, then 2 dots showed for an additional 11 hours, and finally 1 dot showed for 3.0 hours for a total of 51 hours. (Radio ran 1.5 to 2.5 hours/day with the volume control set at 1/2 volume most of the time). At $2.89 (plus 5% for tax) for a package of four AA batteries (the radio takes 3), that figures out to 4.5 cents/hour which is excellent. This figure differs greatly from that given in the 1994 Passport (25-30 cents/hour). I have no explaination for the difference but I stand by my test values.

Would I recommend this radio to anyone? If you do a lot of band-scanning, forget it; it will drive you crazy. But at about $140.00 plus shipping (NYC mail-order) it's an excellent "second" radio to carry around for listening to the major broadcasters. I like it!

****
Realistic DX-440 - 2

I have a DX-440 and I think it is a good 'dabble' radio but if I ever get serious I will look for a > $500 table model.

I love this radio! It's my main radio and I use it exclusively at home, moving it from room to room. It really is too large for travel

I've found the sensitivity to be tremendous on SW, MW and FM! Very rarely do I need to attach a clothsline antenna! It has continuous SW coverage, a great sounding speaker, BASS and Treble controls, two bandwidths, great sensitivity, good spurious signal rejection...It has all the features I wanted in a starter radio! I bought it about three years ago on sale for $150.00! I still don't know why Radio Shack discontinued it. If you're looking for a good starter shortwave radio and can still find one laying about at a Radio Shack store priced to move, GRAB IT!

****
DAK DMR-3000 - 1

I bought this radio since they have a 30-day money back guarantee and I did not know if I would like the hobby or the radio. Good points: direct-entry tuning, 36 station memories, fairly small so it is easy to travel with, speaker sound was good, reception was okay, but improved dramatically with the addition of the Radio Shack 23' rollup longwire ($8.95). Bad points: only 5kHz tuning steps, only major broadcast bands tunable (large gaps between bands), selectivity not so good, no fine tuning, no BFO, no SSB or CW, poor FM reception. All in all, not a bad radio of $69.90, however, it left me wanting for more, so I got rid of it.

I have seen a couple of posts asking for a low cost SW receivers. I have recently bought a DAK Model DMR-3000, for just $69.90+$6.00 shipping from DAK - a mail order company. The receiver has a direct access, so you can type in the desired frequency, and a manual / automatic scanning system. It also has a dual time clock with alarm and 'sleep' timer. Unfortunately you can tune only to the commercial frequencies on SW, AM and FM bands. I have to say though that cheapness comes at a price. The first receiver I got was defective so I had to ship it back and ask for a replacement. Now, I received a new one which works very well.

Compared to my Sony ICF-7601 the DAK unit is an insensitive brick. The fancy clock and timer features aren't really worth it. About the only thing nice is the FM Stereo support if you plug in headphones but the FM sensitivity leaves much to be desired as well.

Something else to watch for.... That pretty lettering on the buttons will wear off REAL fast. If you haven't used it much yet you won't see a wear off REAL fast. If you haven't used it much yet you won't see a problem. After you've done some tuning you'll see the pretty arrows disappear from the buttons.

****
Sangean ATS-803A - 1

Since I was now turned on by SWL'ing, I moved up to what most people agree is the best all-around radio for this price. Good points: excellent frequency band coverage (150kHz to 30mHz), fine tuning, good selectivity, BFO for SSB and CW, many scanning options, lots of accessories included, good AM and FM reception. Bad points: way too big to travel with, high battery consumption, synthesizer noise in background all the time, scanning frequently skipped lots of "listenable" stations that I was able to get by manual tuning (what's the use in scanning, then?). I found that adding a longwire antenna only increased interference and noise while not improving the set's scanning sensitivity. Overall, a fairly good radio for the price...

I have a Sangean ATS803A which I love. Comments to quote me on would be that it's an excellent beginner's radio for the price. Although I've heard that the 818 is the "latest and greatest" in this price/performance category. I especially love the full coverage 150kc-30mhz and the (albeit lo tech bfo) SSB capability.

****
Sony ICF-SW20 - 1

I was in dispair when I could not find a decent travel portable for under $200. However, I accidentally crossed paths with a Sony ICF-SW20 on sale (normally $99, on sale for $49.99) at a local store and had to check it out. It is an analogue set, but since I got a 30-day return policy on it, what the heck? Good points: analogue tuning so no problem with confining 5kHz tuning steps, INCREDIBLE SENSITIVITY - this radio blew the DAK and Sangean away with the number of stations I picked up, good selectivity (no fine tuning knob - all you need to do is turn the tuning knob slowly), tiny size (4"w x 3"t x 1"d), small whip antenna (only 18"), addition of Radio Shack rollup longwire increased sensitivity even more, great low price (if I lose it or its gets destroyed, no problem replacing it), tuning bands are wider than the major broadcast bands, so you do get some utilitiy reception as well as WWV, AM and FM are really sensitive while FM goes from 76mHz to 108mHz so I can pick up some TV as well. Bad points: frequencies cover only seven broadcast bands (I can live with that, though), only monaural earphone included (however, you can get a $1.39 mono to stereo headphone plug), no BFO for SSB or CW, no station memories. All

in all, this radio gave me the best price/features/size ratio
of the ones I checked out first-hand. It's a keeper for me!

****
Magnavox 3625 - 1

Finally received my Magnavox 3625! Well, I'm certainly happy I
purchased this little radio. Sure, it's not top shelf, but it's
suitable for travel purposes and gives adequate SW coverage.

Has these features:
Travel Lock
Alarm (beeps, does not turn on radio)
Sleep Timer
9/10 KHz switch - for world travel
12 hour clock (however, when unit is swith to 9 KHz steps 24 hour
clock kicks in)
20 presets - 5 for each band FM, AM, SW1, SW2
Dual time
Auto store - this feature allows the radio to automatically find
the five strongest stations in an area and program
them into the memory of the FM & AM band.
Back stand
Antenna swivels and rotates
Runs on four AA batteries.

Well, the sensitivity is quite good. Steps in 1 KHz increments.
No tuning knob but the slew tuning buttons work just fine. It's
about the size of a paperback book and can be taken anywhere
reasonably well. No carrying strap,
though. The SW coverage is limited but it grabs the major
broadcasters exceptionally well. Example: the 41 meter band is
covered from 7100 to 7300. So if you want to listen to the BBC
on 7325, you're oput of luck.

However, I like to listen to the BBC on 12095 or 15070 European
signals during the day that I cangrab when I attach a long wire.
The 3625 can't tune these freqs. but it can grab 15400 (from
africa) WITHOUT a long wire antenna! I'm pretty impressed.

Bottom line....A GREAT little travel radio for $70.00! Call a
Magnavox outlet if you are interested.

****
Magnavox AE-3805 - 2

Great little digital portable. Good sensitivity, average
selectivity. Covers MW (in 10 kHz steps only), FM (no stereo),
and SW in two "bands": 3200-7300 kHz and 9500-21750 kHz. Built-
in timer/clock (12 hour format only), 5 programmable memory
locations per band. Great for travel use.

Purchased from Damark for $49 in May, 1993.

$50 from Damark closeout -- cheapie category

****
Emerson PSW-4010 - 1

Great analog portable. Good sensitivity and selectivity. Covers
MW, FM (stereo through headphones), and SW in 8 bands (roughly
split out as 13m, 16m, 19m, 25m, 31m, 41m, 49m, and
60/75/90/120m). An excellent travel portable.
This is the same radio as the Sangean SG-789.

Purchased from DAK for $49 in June, 1988.

****
Sony ICF-5900W - 1

Sony ICF-5900W was a good radio in its day, but isn't worth
listing now.

****
Icom IC-R70 - 1

I purchased my R70 in early 1983. It came with a scratched plastic
window for the digital display, which the factory replaced. It is
an extremely sensitive receiver. I installed the FM detector board
option, which is highly useful for Sub-Carrier detection from FM
broadcast receivers in conjuction with the R70's ability to tune
below 100khz without a frequency convertor. The so-called PassBand
Tuning (PBT), in actuality an asymmetrical bandwidth narrowing
control, is very mediocre with the factory 455khz filters. Replacing
the 455Khz ceramic SSB filter with a Fox-Tango FT-44 2.4khz 8-pole
crystal filter (equivolent to the ICOM FL-44) makes the passband
filter work as one would want. The AM 455Khz ceramic filter is junk,
and was replaced with a higher quality "4Khz" ceramic filter from
the long-defunct Radio Plus firm. The actual specs for the 4Khz filter
indicate that it is a slightly asymmetrical filter of 5.6Khz bandwidth,
causing a slight degredation of the "highs" (The original spec is
for a 6Khz bandwidth; the 9Mhz AM filter is a 6-pole device). Inclusion
of both replacement 455Khz filters results in a combined shape factor
of much better than 2:1 on AM or SSB. In addition, the RF amplifier
was enabled for AM broadcast band use, and an MOV was placed across
the AC input for protection against voltage transients. [Actually,
a Transorb would be far better in defending against narrow transients.]
For awhile, I replaced the diode AM detector with a Shottkey diode,
but my ears could detect no difference in distortion, and so the
original AM diode was returned to the circuitry. It's been serviced
once by ICOM for an intermittant problem ($150 ouch). There exists
several modifications to enable selection of the 455Khz SSB filter
whilst in AM mode for additional selectivity.

****
YORX AM908 - 1

****
Drake R8 - 1

****
Drake SPR-4 - 1

****
Icom R-71A - 2

Eskab & Edvis of Sweden used to offer a Phase-Locked AM (PLAM) detector for the R-70 and later R-71; they also offer a version for the NRD525. I have the R71 version. It is a synchronous detector which allows selection of USB or LSB via the IF filter/BFO offset. The PLAM board phase-locks one of the R71 local oscillators (I forget which one, probably the BFO) to the AM carrier. It contains its own product detector. The lock range is not very large, perhaps +/- 20 Hz. The detector seems to have lower distortion than the ICOM AM detector.

Compared to ECSSB, aside from the advantages of phase-locking the product detector BFO, the PLAM unit also lowers the corner-frequency of ICOM's low-pass audio filter, giving better bass response than normal SSB mode on the R71. I find that this improves the intelligibility of the signal.

The PLAM board piggybacks in the mounting area for the ICOM FM option board; both can coexist. Installation is somewhat difficult, as it involves connecting over a dozen wires to various boards in the R71.

Eskab & Edvis also offered a 4 KHz 2nd IF crystal filter for the R71. This installs fairly easily in place of the narrow CW filter. It is very much better than the stock ICOM 6 kHz bandwidth, which is wide-open until it hits at cheap ceramic filter in the 3rd (455 kHz) IF.

I don't know if Eskab & Edvis still offer the R-71 PLAM and 4 kHz filter. They used to advertise in the WRTH.

Regarding other options: I believe Sherwood Engineering offers an outboard synchronous detector for the R71 as well as other receivers. The Kiwa MAP unit should also be adaptable to the R71.

Also, Dom Moman of Shortwave Horizons publishes a modification manual, which details mods like enabling the preamp on MW, true pass-band tuning, sub-10 Hz RIT, etc.

****
Kenwood R-2000 - 1

****
Kenwood R-5000 - 1

****
Kenwood TS-450-1

I know it's not a reciever, but since it has general coverage,I decided to put it in here.The TS-450S iaN amateur transciever that costs little more than a R-5000,and if you have your ham ticket or are thinking about getting it,may

be worth checking out if you are in the market for a new toy.I'd be willing
to bet the replacement for the 5000 will look just like the 450,just like the
5000 looks like the 450's predacessor,the TS440S.First thing it is EXACTLY
the same size as the 5000/440.Unlike the 5000/440,it has an LCD display that
is unlike any other I've ever seen.It is almost too bright!The brightness
cannot be adjusted,unfortunatly.The 450 recieves in all the standard modes
except for fax.It has a"normal"keypad unlike the 5000 and the aggravating
CW that is producewhen a major button is pressed can be silenced by y
-a simple menuss,you dont have to cut a wire like the 5000he S-Meter
is a bar-graph type that I like but some people dont.It also has an Audio
meter function that kin baffles me.I still dont know what use it is,but it
looks nice!Probably the most notable thing you will observe when using the
450 is the QUIET!It is so quiet,it seems strange the first couple of times you
use it.The AGC is non-defeatable and has a fast/slow toggle.It is the strangest
and slowest AGC I've ever seen,on slow the S-Meter just sits there and then
SLOWLY goes down.On fast,it just isn't quite so slow.It seems to work ok,but is
really odd.The stock filter for AM is a mile wide but you can add the YK88 AM
filter but you wll lose the open slot for the 8.83 ssb filter.I'm not sure,but
the 450 seems to have the same stock am filter the 5000 has.On SSB,it uses one
of the better Murata ceramic filters and is ok but the optional SSB filters are
highly recommended.The audio is FANTASTIC on all modes and if you put one of
the minimus speakers from Radio Shack on it,you will like it a lot.Dont bother
with the Kenwood speakers,the one that goes with the 450 is not too good and is
expensive too!The ergonomics are pretty good,except for the tuning knob,yes
like all the recent vintage Kenwood rigs,IT DOESN'T HAVE A FINGER HOLE!!Why
does Kenwood insist on putting these awful knobs on all the rigs they have made
lately!All in all,it is a very good riever in almost all respects,and since t
it only costs about $100 more than a 5000,it is worth a lookND as a bonus,
the recieve coverage goes up to 40 mhz!If you are into low band scanning,you
will hear things on the 450 you never knew existed on your scanner.If you can
swing the 450's sister model the TS690,you can recieve all the way to 60 mhz.
When the 5000 is put out to pasture,if it's replacement is the 450 without the
transmitter,it will be very tough competition for the other makes.All it needs
is Sync.detection and you really couldn't ask for much more.

****
Japan Radio Company NRD-515

THE all time most user-friendly recieveof recent vintagHas PBT,analog
fine tune,four I.F.bandwiths,AM,LSB,USB,and RTTY modes.There is no squelch
but it really doesnt matter much.Of all the recievers I have owned,or ad over
here to play with,it is the most sensitive in the SSB modeI have the
standard 6 and 2.4 khz filters,and th600 and 300 hz filters whitch are great
for RTTY or CW(if you are truly desparate!)The "protection"diodes have been
removed due to intermod from a local AM station.The reciever's case,front and
back panels are made of Aluminum,no plastic to crack on the 515!The audio in
AM is very bad,almost as bad as the Icom R-71a,but in a different way.The
audio is "fuzzy"out of the speaker jack,but not too bad out of the record jack
but still a little "fuzzy".In the SSB modes,the audio is pretty clear and
doesn't fatigue me like the Icom dos far as thergonomics goes,it's
almost prefect!All the knobs are the right size,the tuning knob is large and

has a nice deep finger hole(Kenwood,are you listening???).The S-meter is big
and easily seen across the room.Dynamic range is very good after the diodes
have been clipped(a one minute operation).The filters all are good quality
and have good shape factors.This was the first "affordable"rig that had a
memory option that was worth something with 24 or 96 channels available.
The NDH-518 I have(96 ch.)is also made totally out of cast and sheet
aluminum and matches the 515's styling.It stores frequency only,unfortunatly,
due to the year it was designeIm guessing.There are lots of these recievers
floating around on the used market for about $600 or so.Universal seems to have
a lot of them passing thrgh the store.

****
Japan Radio Company NRD-525 - 1

This is a great reciever,marred only by bad audio and a hiss that will drive
you bonkers if you have good hearing and a speaker that can put out the highs.
I have had two of these,the first I traded for a sateite setup,and the one I
have now.The newer reciever has mucbetter audio then the first one and lesess
hiss too.Ergonomics are very good MUCH,MUCH better than the Drake
R-8.(IMHO,the Drake is seriously overrated and all the stuff about made in the
U.S.A.is kind of funny cause a LOT of the innards are MADE IN JAPAN!!!)Oh
well,back to the 525,if you are into AM,it's probably not the reciever for you,
but in allthe other modes,it is one of the best consumer grade recievers ever
made.Performance in all modes is basically excellent except fothe audio pr
problem,and stability is rock solid.JRC has only cut a few corners compared
to the 515,probably the ultimate in construction for consumer recievers.
The case is made of very thin sheet metal and the front panel is plastic.The
keys fit loose in the keypad but work ok.The display has four brightness
levels and is very easily read from across the room.The S-Meter is "digital"
and is a floating vertical bar segment that seems to be yellow on some samples,
and green on some others.It is sort of "spastic"and twitched a lot on the
first one I had,but not as much on the seconone.The first 525 I had would
"click" on strong AM signals,but the new one doesn't.The main tuning knob
spins very smoothly and has a nice finger hole.(KENWOOD,WHY DONT YOU LISTEN!!)
All in all, a great reciever.

****
Japan Radio Company NRD-535D - 1

****
Yaesu FRG-100 - 1

****
Panasonic RFB-65L - 2

$220 from Universal, EEB, etc. -- my main set, an excellent
portable, many features, nice construction and details.

****
Sony SW-55 - 2

This is my principal radio at the present time (I also have the
Sony ICF-SW33 and the Sony 7601). This rig is an extremely

sophisticated piece of equipment. I especially like the fact that you can store up to 125 frequencies on 25 electronic pages that can be named as you wish (by country). Once programed this is very convenient. The two filter selections are well chosen (much better than the stock Sony 2010 filters). My use the radio to copy WEFAX with excellent results attests to its stability (and that it receives USB and LSB).

The versatile timer/alarm and tape remote feature allow automatic recording with certain tape recorders (Sony and others) of up to five times and frequencies in a 24 hour period. I use this feature all of the time. Audio (stereo on FM) qualitity for a portable is very good; better I believe than the stock 2010 although as with the 2010, it is improved with a set of external speakers.

Unlike the 2010, the SW55 does not have synchronous detection. That's too bad because I believe that if it had this feature it would blow away
tition. As it stands it is an excellent radio. Most interference can be eliminated with the narrow filter or moving away from the interference a bit (the radio is tunable in steps of 0.1 kHz) so the lack of sd is not critical. I really believe that Sony did not include it because it would have then had a very negative impact on sales of the SW77.

Would I buy this radio again. You bet! The only problem I've had in the year an
owned it is that the lettering has worn off the 1, 5, 0 and EXE keys on the keypad. That should not happen on a $300.00 radio!

I just got a SW-55 for Christmas and find it to be an outstanding radio. Now that I've said that, you should know that I am new to all of this "DX-ing" (is that how you say it?). However, I can tell you that it's reception with the built-in antenna and with the included auxiliary antenna is very good. I found that the radio comes pre-programmed with a number of stations (BBC, Radio Moscow, etc.) and they come in great.

As for your questions, I've found the speaker in the SW-55 to be very high quality, delivering plenty of volume and good sound. There are several "tone" switches (news vs. music setting, etc.) that enhance the reception and its sound. And, the unit is packaged well for travel.

The radio itself has several nice features (I don't know how they compare to other radios since I didn't comparison shop). There are several output jacks that make it easy to connect to external speakers, tape recorders, headphones, etc. There are local/long distance antenna settings. There are lots of ways to set and look at the time (local, UTC, Daylight savings, etc.) There are alarms and sleep settings (for on the road).

The tuning portion is quite nice. The radio of course offers digital tuning (punching numbers in to get to a freq.). But I find that I often use the

"analog" tuning dial as well to either fine tune a station or to see what else is out there.

Best of all, the unit is packaged well. As a new user, I have enjoyed the little things Sony has done to make this experience a good one for the new user. Everything from the documentation to the carrying case has made it quick and easy for me to start listening to short wave. Included is a book that is a publishing of all the various countries broadcasting, with their freqs and times. (I gather that these things change quite a bit, but I presume that Sony updates it often)

****
Philips AE3905 - 1

In short, in my experience, the AE3905 is no real great shakes. It looks neat as hell, and marks its owner as a man of taste and distinction with more money than brains (like I said, *I* have one). Its shortwave performance is mediocre. Using this in a hotel last February, I found that attaching the included reel antenna caused the radio to overload fairly badly. The batteries don't last very long. The filters included are fair, but you still get a fair amount of interference from adjacent stations (not as bad as some small portables, but not good). I certainly wouldn't want to use this as my primary radio. For portability, it's fantastic. I can listen to the BBC or VoA anywhere. The radio fits in my shirt pocket, although reception in my pocket isn't all that good. In short, the radio isn't worth what Philips charges for it, but if you've got more money than you know what to do with and a desire to have a flashy looking toy, it'll do. The radio has only recently been available in small quantities in the U.S., and appears to have been discontinued in Europe. I got a reconditioned copy for $179 from the Magnavox factory outlet in Kentucky. Universal lists the radio in their catalog for something like $250 new if I recall correctly. You're not likely to find it anywhere else.

****
WATKINS-JOHNSON HF-1000 HF RECEIVER

I will be doing a lot of comparisons to my other receiver, an NRD-525. To give a basis for comparison, the NRD-525 has been upgraded by the following modifications:

ESKA PLAM board with four added filters following the IF strip
Installation of ESKA Aux filter in the NRD Aux position
Installation of the JRC 1.8 KHz filter in the Narrow position
Replacement of RF chokes on the filter board with shielded units
ESKA agc modification

These modifications have improved the shape factor on the NRD's filters from an average of 2.0:1 to 1.7:1 (60:6 dB). The ultimate rejection has improved from about -60 dB to -75 dB. These modifications are noticeable

in on the air listening tests. The NRD hiss has been removed.

About two months ago, I bought another receiver, a Watkins-Johnson HF-1000. I didn't really think this receiver would be much better than the NRD, and I intended to return it if this was the case. I was wrong. The Watkins-Johnson receiver is clearly superior to the NRD in on the air listening tests, almost in every case. In rare cases it is a tie. The comparisons are done using an A/B switch that switches both the RF and audio lines so that comparisons can be made quickly on the same signal. Comparisons were all done in ECSS mode with the receiver settings made as close as possible to each other.

I also did some bench testing of both receivers, and the numbers that the tests give are not all that much different for both receivers, with the exception of filter shape factor. The HF-1000 shape factors run about 1.1:1 (60:6 dB). This does not explain the main difference between the comparisons, however. The HF-1000 seems to be superior in pulling out weak signals. I have heard many signals that are muddled and hard to understand on the NRD-525 sound sharp and clear on the HF-1000. Several other points:

AGC: The digitally processed AGC on the HF-1000 is far superior to the analog AGC on the NRD, even with the ESKA kit installed.
Notch filter: Again, the digital IF notch filter is superior.
Audio: The NRD audio has always sounded low frequency and mushy; audio on the HF-1000 is crisp and clear. This is an important item.
Operating: I like the controls on the HF-1000. They are flexible, yet easy to use. The set is a pleasure to operate.
Synthesizer spikes: The NRD has a synthesizer spike every 100 KHz. While these are not all that strong, some of them fall on inconvenient frequencies, like the propagation beacons on 14100 KHz. There are a few spikes on the HF-1000 at even 2 MHz points.

The only shortcomings in the HF-1000 I've noticed are the lack of synchronous detection (this is supposed to be sent out as an upgrade chip later), and IF passband tuning would be useful in the SSB modes. It is present in CW.

As you have probably guessed, I'm real happy with this receiver. I think it will be the last one I will have to buy for quite a while.

****
AR3000 - 1 (More Info is Available by e-mail from (jlloyd@cs.clemson.edu)

My general impression, is that this is anyhow a very good apparate. It offers continuous coverage 0.1 : 2036 Mhz, all mode, RS232 interfacing, quite good operating commands, triple conversion, 400 memories; it is very compact (small tabletop, 1.2 Kg.), semi-portable; its 13 auto-selected front-end band filters reduce to some extent unavoidable intermodulation. In general, this set offers a self contained and very well balanced compromise of a lot of different demanding features, but will show its best when fully interfaced.

Its price, here in Italy, has been varying greatly during the years. Therefore I cannot say how it really competes with the choice of HF

receiver + scanner setup. It is still unclear to me how far is the AR3000
from dedicated traffic receivers.

I'm finding a number of defects and "whish it was" that I'm going
to list (I would like to hear comments about), but perhaps I'm
just pretending too much from a receiver in which something had
to be traded off between versatility and performance. Please note
that I have a 4 years old AR3000; some defects could have been amelio-
rated in the 3000A, or may eventually be specific of my unit.

Hardware limits:

-AM selectivity is mediocre (approx 10 khz bandwidth). I feel the lack
of a variable Am bandwidth. SWL in crowded bands is too often spoiled by
the 5Khz whistle. Thinking it was a problem of i.f. detuning, I once
sent it to the service to have it retuned, but with no perceivable gain.

-In AM I do experience blocking. A strong transmitter mutes any weaker adjacent
signal lying some -+30 khz apart. I suspect this may be rather a problem
of AGC voltage (see below on squelch), because the feedback signal is
obtained from the previous to the last i.f. stage, which may have a larger
than necessary (for AM) bandwidth.

-The squelch control (essential in search mode) is not very functional.
On my set almost everything passes for knob positions below .3 and
only >S6 passes when I increase to .5. It may be a problem of adjustment,
but also reflect the inaccurate behaviour of the S-meter, which (I have
no measurements to support) seems not properly logarithmic. I have
the impression that weak signals give a high S readout when close to
stronger ones, because the S-meter averages on a larger bandwidth than
the demodulator.
Also, the squelch just mutes the a.f. output, but not the line out signal.

-The internal speaker fidelity is scarce. No tone controls exist. Clarity
improves a lot when connected to an external speaker or lineout. No
noise reduction circuitry is present. External audio equalization does
a lot, but of course is not the cure for low selectivity.

-There is no i.f. direct output for say a spectrum analyzer or a different
demodulator (say wide band AM for satellite or TV, stereo FM decoder,
sinchro SB AM decoder). A modify could be to buffer it to a backpanel
jack.

-Intermodulation IS present. I live very close to power MW transmitter,
and in the times they're on the whole band .5 : 2.5 Mhz is unusable,
with crosstalk on every possible combination of transmitter frequencies.
At evening I sometimes hear sw bc stations crosstalks on 20 : 30 Mhz, even
with a short random wire antenna. However, I don't hear crosstalk due
to FM transmitters, which are also close to my place. The 13 front
end filters seem to do their job, since strong signals don't cause
crosstalk out of their respective preselector bands.

-I'm not very satisfied with the small and clicking rotary tuning control. In the AR3000a it has been replaced with a (I guess optically encoded) smooth one. I would rather appreciate a jog-shuttle like the one on VCRs, and the mod itself seems quite easy too.
The tuning is however digital, and stepping frequency causes clicks, which eventually trigger the squelch threshold during search. The final a.f. is briefly muted while stepping, but I prefer the line-out signal which is unaffected and thus has a faster response.

-There is a single antenna input for the entire range. I think this however is correct, because whichever choice on different antennas is entirely dependent on the user setup, and should be rather left to an externally programmed antenna switch.

-Some digital RFI is generated, expecially in the high HF and low VHF. A real antenna connected with a shielded cable and a good earth however wash it out.

-Some small change in sensivity and background noise can be perceived when passing across one of the 13 band boundaries (by the way, they are 0.1-0.5, 0.5-2.5, 2.5-10, 10-30, 30-50, 50-108, 108-136, 136-174, 174-224, 224-335, 335-500, 500-940, 940-2036 Mhz), but this is unavoidable, and also due to the change of the superetherodyne scheme.

Software limitations:

-Scanning is already very versatile for such a small machine. However, auto memory storage of catched frequencies was forgotten. Also, the oddities in the S-metering (see above) impose manual choice when scanning non regularly channellized bands.

-There is a priority channel lookup feature, but the attention threshold has to be the current squelch position. Apparently (see
//ftp.funet.fi/pub/dx/receivers/mods/aor300.mod) in
the 3000a a programmable lookup time was implemented, but it is not present on the 3000.

-The mode and the tuning step change are set with several keystrokes. I feel it quite tricky, expecially considering that I generally have to switch quickly between 50 Hz/SSB, 500Hz/Am, 1.25 Khz/nfm, 50 Khz/WFM. The step x10 command is very useful, but not enough.

Since the S-meter signal is output on the RS232, and the unit may be fully remotely commanded, all this limits can be cleverly threspassed by an external control software, thought.

I have experienced problems with the 232 interface. The cpu goes crazy very easily when the connector is plugged in/out, unless the "remote" switch on pin 7 is previously operated. This is (I understand) the reason why it was added on the 3000a. When the cpu goes on the moon, one generally has to open the set and to push the reset button (backside of the keyboard), losing all the memories
.
Also, I cannot interface the scanner with an Atari St, either because the TTL level Txdata is to low for that serial port or because the continuous output of

the S-meter simply is too fast for the Atari bios.
Passing by, note that the RS232 speed can be set to 9600 baud with a switch on
the cpu board.
:
--
John Lloyd
Computer Science Dept.
Clemson University
Clemson, South Carolina, USA

--
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5836. Regency TS-2

Newsgroup: rec.radio.scanner
Date: 1994-07-01 16:13:56 UTC
From: dprkk@ceco.ceco.com
Message-ID: <Cs9rr9.1yL@ceco.ceco.com>
Source record: 272282

I have a Regency TS-2 scanner. I've had it for about 4 years.
It failed on me once, but otherwise, it is a good scanner.
It is multibanded including 900Mhz. My question is that I
have been following this newsgroup for some time now but I
never read one word about the TS-2. Why is this? Does any-
one have any opinions on this particular model?

Ken K.

5837. MODS WANTED for REGENCY Z60 scanner?

Newsgroup: rec.radio.scanner
Date: 1994-07-01 17:38:37 UTC
From: bunker@wcsn.csms.com
Message-ID: <905@wcsn.csms.com>
Source record: 272237

Does anyone know of or know where there is any mods for this old scanner?
Any pointers or tips would be appreciated.

Please reply direct to bunker@wcsn.csms.com as I sometimes miss the
newsgroups for extended periods. Thanks in advance.

Bunker

5838. Re: Has anyone cracked Uniden 9100 900MHz cordless phone?

Newsgroup: rec.radio.scanner
Date: 1994-07-01 17:47:44 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.14.000BCC04@chevron.com>
Source record: 272283

In article <9406262139.AA152625@f217.n202.z1.fidonet.org>
Bud_Jamison@f1010.n202.z1.fidonet.org writes:
>From: Bud_Jamison@f1010.n202.z1.fidonet.org
[snip]
>DL> secure - these cordless phones aren't really "TRUE" spread
>spectrum,
>DL> as used in secure military applications. They don't change their
>DL> frequency all the time, as they should to be secure. They tend
>to
>DL> pick a spectrum and stick with it. Therefore, someone with the

[snip]
>I think you're confusing spread spectrum with frequency hopping.

"Frequency hopping" and "direct sequence" are both considered spread spectrum technologies. It sounds like the Uniden uses D.S. D.S. is a digital process where the digitized signal is transmitted with additional psuedorandom coding that of course increases the bandwidth of the signal (spreading). Since the receiving station has to use the proper algorythm to sync with the code it has a secure nature.

Curtis Wheeler
San Ramon, California
cgwh@chevron.com

5839. Re: Delta Airlines scanner rules

Newsgroup: rec.radio.scanner
Date: 1994-07-01 18:07:10 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.15.000C1EFD@chevron.com>
Source record: 272295

In article <2us047$n3@search01.news.aol.com> wwhitby@aol.com (Wwhitby) writes:

>Does anyone know what Delta's policy regarding scanner use on flights
>is?

I fly Delta frequently but have never bothered to try using any type of radio on board. Their "Sky" magazine (available onaboard and you can keep it) has a list of prohibited and allowed electronic equipment. While I don't remember everything, they do not allow transmitters, and I believe most receivers and CD players are also prohibited. They do allow laptop computers after reaching cruising altitude (FCC part 15 approved equipment) but do not allow peripherals that attach to a laptop by cable such as a mouse or a printer. This is reasonable... keyboard and mouse cables are a notorious source of RF garbage.

Then again...I see people violate the policies on every flight and the crew tends to not say anything. I gues they don't want to appear mean.

I must say that, as a pilot, I would have no desire for people to be using transmitters or non FCC type accepted equipment on an IFR flight. I am not really sure what scanner users expect to hear with a rubber antenna while riding in an aluminum tube.

Call Delta and ask for a copy of Sky via mail - or just ask them what the policies are. For that manner, the same would apply to United, American, Southwest......etc. Just call.

Take care.

Curtis Wheeler
San Ramon, California
cgwh@chevron.com

5840. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-01 18:43:46 UTC
From: <>
Message-ID: <2v1o52$h8o@wizard.uark.edu>
Source record: 272288
Cross-posted to: rec.radio.scanner,rec.autos.sport

kmorrill@strauss.udel.edu (Kenneth J Morrill) writes:

>In article <2uurrc$jhf@corpgate.rich.nt.com>,
>Brad Glidewell <brad.glidewell@nt.com> wrote:

>>I'm not sure why this is an issue.
>>If my loved one was hurt, I'd want to know
>>ASAP what was happening. What am I missing here?

>I'm glad that you asked this, Brad. I thought that even emergency
>room physicians brief close relatives rather completely, at least
>to allay fears for the worst.

<sigh>

When an Emergency Physician (or other health care provider for that matter) informs a family member of the patient's condition, it is only when A) they are fairly certain of what is going on (not the prognosis, but at least what has happened and what the known injuries are) and B) the family member is in a position to be cared for should they not take the news well.

I think that most thinking people will see the obvious differences between an Emergency Physician giving news to family in a hospital and a scannergeek turning up the volume on his "sportcat" just as the EMTs tell the incident commander that the patient's not viable due to massive head trauma.

Yes -- we have a right to listen to anything we choose to on the public airwaves, including the portion of the spectrum "sold" to the Cellular Telephone Industry Association, but we also have the responsibility to KNOW WHEN NOT TO REPEAT WHAT WE HEAR.

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,
(and ex-NREMT-P)

Peter Laws <plaws@comp.uark.edu> |"Let's make sure history never forgets the
n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise" ST:TNG - 1987-1994

5841. NASCAR Winston Cup scanner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-01 19:52:06 UTC
From: proberts@iglou.iglou.com
Message-ID: <1994Jul1.195206.17633@iglou.com>
Source record: 272285

This was asked for in an earlier post on r.r.s., and today I found it
posted to rec.autos.sport.info. Replies to the originator, please.

- -

Newsgroups: rec.autos.sport.info
Subject: NASCAR: SCANNER: WC scanner frequencies
Followup-To: rec.autos.sport.nascar
Sender: tomh@metrics.com (Tom Haapanen)
Date: Tue, 28 Jun 1994 19:00:37 GMT
Lines: 100

As of May 1994:
~~~~~~~~~~~~~~~
0 Delma Cowart 460.6875
1 Rick Mast 461.1625 463.8875
02 Jeremy Mayfield 463.8000 466.1500
2 Rusty Wallace 461.5870 461.3375 463.4500
3 Dale Earnhardt 469.8750 469.0125
4 Sterling Marlin 464.3000 469.3000
5 Terry Labonte 468.2125 469.4875
6 Mark Martin 460.9500
7 Geoff Bodine 461.4750 463.6750
8 Jeff Burton 465.8875 466.0875
9 Rich Bickle 463.9750
10 Ricky Rudd 465.7375
11 Bill Elliott 855.5125 (scrambled)
12 Chuck Bown 467.7250 467.5750
14 John Andretti 857.8375
15 Lake Speed 457.5250 457.5500
16 Ted Musgrave 468.4500
17 Darrell Waltrip 469.3125 468.7625
18 Dale Jarrett 466.0125 467.7625
19 Loy Allen, Jr 467.0000 464.0250
20 Randy LaJoie 466.2750
21 Morgan Shepherd 855.2875 855.0375 854.2875
22 Bobby Labonte 468.9375 462.8375 467.4125
23 Hut Stricklin 469.8375
24 Jeff Gordon 467.0625 469.4875
25 Ken Schrader 466.7875 467.0625 468.2125
26 Brett Bodine 460.5875 468.4875
27 Jimmy Spencer 855.5625 (scrambled)
28 Ernie Irvan 466.4500 466.9500
29 Steve Grissom 463.4000
30 Michael Waltrip 466.3000
~~~~~~~~~~~~~~~

31 Ward Burton 463.7750
32 Dick Trickle 462.7125
33 Harry Gant 468.7750
40 Bobby Hamilton 854.2625
41 Joe Nemechek 468.3875 461.2250 461.2125
42 Kyle Petty 853.1625 852.0375
43 Wally Dallenbach 852.1875
47 Billy Standridge 463.9000
51 Jeff Purvis 463.5875 463.9875
52 Brad Teague 468.3750
53 Richie Petty 461.7875 858.7875
54 Robert Pressley 462.1375
55 Jimmy Hensley 464.3625
56 Jerry Hill 460.9250
61 Rick Carelli 467.0750 465.8125
71 Dave Marcis 467.5625
73 Phil Barkdoll 467.8250
75 Todd Bodine 461.9375 468.9750
77 Greg Sacks 459.8375
80 Jimmy Horton 466.8625
82 Mark Stahl 467.1000
89 Jim Sauter 464.9625
90 Mike Wallace 467.1625
97 Chad Little 463.4250
98 Derrike Cope 468.7250 461.1500

NASCAR 464.5000 464.9000 467.8000 464.7750 463.8500

IROC 461.6625 464.9500

MRN 454.0000

PRN 463.2250

CBS 153.2850

~~~~~~
The following were resurrected out of OLD ('92) freq lists. They
may or may not still be current.
~~~~~~
TNN 450.1625
450.2875
450.5375

ESPN 450.2500 471.950
450.3500 462.575
462.5500 462.625
464.5000 467.325
467.2500 152.960
466.6500 151.775
461.3125 450.450
450.0500 492.887

462.650

Winston Cup Scene 468.6500 465.9625

Inside Winston Cup 463.2625

--

Phil Roberts | proberts@iglou.com |

5842. Indy Car scanner frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-01 19:55:22 UTC
From: proberts@iglou.iglou.com
Message-ID: <1994Jul1.195522.18133@iglou.com>
Source record: 272286

The following was requested in an earlier post, and today it was found on
rec.autos.sport.info. Replies to the originator, please.

- -

Newsgroups: rec.autos.sport.info
Subject: INDYCAR: SCANNER: Scanner frequencies
Followup-To: rec.autos.sport
Date: Wed, 29 Jun 1994 00:53:07 GMT

As of May 1994:
~~~~~~~~~~~~~~~

1 Nigel Mansel 461.2875
2 Emerson Fittipaldi 852.1875 858.8875
3 Paul Tracy 854.8375
4 Bobby Rahal 468.2625 469.2625
5 Raul Boesel 468.2875 466.1875
6 Mario Andretti 461.7125
7 Adrian Fernandez 464.5625 461.5125
8 Michael Andretti 467.0375 461.1125
9 Robby Gordon 461.0625
10 Mike Groff 462.8125 464.7875
11 Teo Fabi 467.1875 464.9375
12 Jacques Villenueve 466.2625 466.5375 468.3875
14 Bryan Herta 461.8375 463.9875
15 Mark Smith 462.1375
16 Stefan Johansson 853.4875 853.5125 855.5875
17 Dominic Dobson 468.4625 463.4625
18 Jimmy Vasser 467.0875 468.4125
19 Alessandro Zampedri 460.6875
22 Hiro Matshushita 462.0875
23 Buddy Lazier 466.5875 464.4625
24 Willie T. Ribbs 463.4375 463.9125
26 Marco Greco 467.7500 467.8000
28 Arie Luyendyk 461.2375 462.0125
29 Olivier Groulliard 465.2375 466.0125
30 Frederik Ekblom 468.9875
31 Al Unser, Jr 857.8375
39 Ross Bentley 461.7375 461.4625 463.2375
40 Scott Goodyear 463.7375 464.2375
45 Claude Bourbonnais 461.2125
49 Parker Johnstone 461.6250 462.0250
50 Jeff Wood 464.0625
55 David Kudrave 460.5875
~~~~~~~~~~~~~~~

64 Franck Freon 463.2375 461.4625
66 Jeff Andretti 464.8125
71 Scott Sharp 466.7625
76 Robbie Groff
88 Mauricio Gugelmin 464.0375 469.8875
90 Lyn St James 461.3875

IndyCar Officials 457.0125 451.8125 457.1875
Pace car 451.5250
ESPN 455.9625

Mark A. Breland - Microelectronics and Computer Technology Corporation (MCC)
Information Systems Division | voice: (512) 338-3509
3500 West Balcones Center Drive | FAX: (512) 338-3900
Austin, Texas 78759-6509 USA NB#51 | internet: breland@mcc.com

--

Phil Roberts | proberts@iglou.com |

5843. Re: ICOM R-1 Receive Problem

Newsgroup: rec.radio.scanner
Date: 1994-07-01 21:12:28 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jul1.211228.14577@hpcvaac.cv.hp.com>
Source record: 272287

DEVENNEY@VM.TEMPLE.EDU (Jack Devenney) writes:
: My ICOM R-1 has an intermittent receive problem. Periodically, when I
: power it up, I only hear garbled (or no) transmissions. It remains that
: way after numerous power on/off cycles, and then eventually (often days
: later) returns to its normal self. I wondered if anyone else has had
: the same problem or has a suggestion.

I need more information. Does this happen everywhere, or only in one
general location? It is possible that your radio is suffering from
intermittant rf overload.

Bill

5844. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-01 21:25:24 UTC
From: glyle@thor.seas.ucla.edu
Message-ID: <1994Jul1.212524.5191@enterprise.rdd.lmsc.lockheed.com>
Source record: 272291
Cross-posted to: rec.radio.scanner,rec.autos.sport

Another reason to limit information transmitted is somewhat psychological. I work communications for SCCA Pro Rallys, and the only "physical condition" information transmitted is either "OK" or "Medical attention needed."

The theory is that the comm workers are not qualified to decide if someone is dead (fine by me), and transmitting this data might make the medical team slower in its response.

There is also the factor of people listening in on the comm freqencies rushing to the scene of the action. I know that no one reading this would, but the "OJ parade" amply demonstrates the number of loonies that might!

George Lyle, N7TNJ

5845. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-01 21:47:21 UTC
From: magnet@nRCHs022
Message-ID: <2v22t9$19d@corpgate.rich.nt.com>
Source record: 272289
Cross-posted to: rec.radio.scanner,rec.autos.sport

Peter Laws (plaws@comp..uark.edu) wrote:
|kmorrill@strauss.udel.edu (Kenneth J Morrill) writes:

|>In article <2uurrc$jhf@corpgate.rich.nt.com>,
|>Brad Glidewell <brad.glidewell@nt.com> wrote:

|>>I'm not sure why this is an issue.
|>>If my loved one was hurt, I'd want to know
|>>ASAP what was happening. What am I missing here?

|>I'm glad that you asked this, Brad. I thought that even emergency
|>room physicians brief close relatives rather completely, at least
|>to allay fears for the worst.

|<sigh>

Peter,

I am greatfull for all the postings and email that has been sent so far on this issue. I have never been in a position such as this. `

I think by now we get the point. Which was In my opinion, one of the BEST issues I have seen on the group since I have been using it. (6 mo)

|When an Emergency Physician (or other health care provider for that
|matter) informs a family member of the patient's condition, it is only
|when A) they are fairly certain of what is going on (not the prognosis,
|but at least what has happened and what the known injuries are) and B) the
|family member is in a position to be cared for should they not take the
|news well.

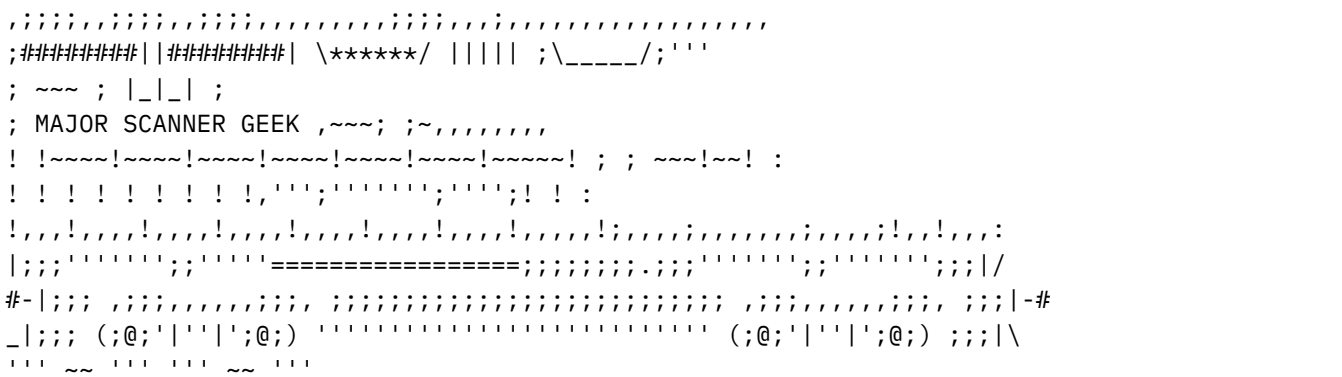
|I think that most thinking people will see the obvious differences between
|an Emergency Physician giving news to family in a hospital and a
|scannergeek turning up the volume on his "sportcat" just as the EMTs tell
|the incident commander that the patient's not viable due to massive head
|trauma.

|Yes -- we have a right to listen to anything we choose to on the public
|airwaves, including the portion of the spectrum "sold" to the Cellular
|Telephone Industry Association, but we also have the responsibility to
|KNOW WHEN NOT TO REPEAT WHAT WE HEAR.

|Peter Laws,
|Associate Editor - Arkansas,
|RCMA _Scanner Journal_,
|(and ex-NREMT-P)

|Peter Laws <plaws@comp.uark.edu> |"Let's make sure history never forgets the
|n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise" ST:TNG - 1987-1994

--
brad.glidewell@nt.com



5846. Bearcat 800XLT Scanner For Sale

Newsgroup: rec.radio.scanner
Date: 1994-07-01 21:54:04 UTC
From: fme@tiamat.umd.umich.edu
Message-ID: <fme.773099586@tiamat.umd.umich.edu>
Source record: 272290
Cross-posted to: rec.radio.scanner,alt.radio.scanner,mi.wanted

I have a Bearcat 800XLT Scanner I would like to sell.
It is capable of receiving Cellular Frequencies.
- 40 channel
- weather

Best offer I get.
I will collect offers for a while and then send everyone a response after
a little while.

Please E-Mail me Direct.
Thanks,
Al

--

Alan LaVoisne -- University of Michigan, Dearborn -- School of Engineering
INTERNET: Alan.LaVoisne@umich.edu - WWW: http://www.umd.umich.edu/~fme/

5847. Cellular on Non-Cellular channels?

Newsgroup: rec.radio.scanner
Date: 1994-07-01 22:42:02 UTC
From: media2k@aol.com
Message-ID: <2v263q$icm@search01.news.aol.com>
Source record: 272293

I have heard that it is possible to receive cellular frequencies (or any frequencies, for that matter) on non-cellular channels by entering in an "image" frequency.

If this is really possible, can someone post some details about this? I am about to purchase a 2500XLT and do not want to modify it if it is not necessary.

Thanks.

Rudy A. Willis
Media 2000

5848. TV frequencies..

Newsgroup: rec.radio.scanner
Date: 1994-07-01 23:06:52 UTC
From: Jon.Spewak@launchpad.unc.edu
Message-ID: <2v27ic$fl8@samba.oit.unc.edu>
Source record: 272292
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I'm curious to know where I could find television station frequencies on the scanner. Does anyone know?

I assume that since TVs can pick up stations from an antenna, you could pick up the audio the same way.

--

-- --
Launchpad is an experimental internet BBS. The views of its users do not necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
-- --

5849. Re: AOR scanners - What is wrone with them?

Newsgroup: rec.radio.scanner
Date: 1994-07-01 23:54:17 UTC
From: ahb@dolby.com
Message-ID: <2v2ag7$9o5@iserver.dolby.com>
Source record: 272294

>From: scollin@sapphire.win-uk.net (Simon Collings)
>Date: Sun, 26 Jun 1994 15:29:09 GMT
>Subject: AOR scanners - What is wrone with them?

>I have just got started with Internet, but in the short time
>I have been subscribing to this group I have noticed a distinct
>disinterest in AOR scanners. No one seems to mention this brand
>much. The only mentionings I can find so far are negative.

>I am quite a fan of these radios. They are readily available here
>in the UK and have good back up service via the importer. They have
>good performance and even my old AR-3000 (AR-3000A predecessor)
>leaves my ICOM R-7100 standing still as far as scan speed is
>concerned. Is there something wrong with AOR scanners from other
>user's point of view?

>Any comments would be welcome.

Simon:

I use the AOR-3000A in a high R.F. environment with no problem.
The RS-232 port is the greatest concept for controlling a scanner
that has ever been. I highly recommend it.

Alan Bowker
ahb@dolby.com

5850. Antenna for VHF-LOW

Newsgroup: rec.radio.scanner
Date: 1994-07-02 00:23:56 UTC
From: jdross@sdcc13.ucsd.edu
Message-ID: <69921@sdcc12.ucsd.edu>
Source record: 272302

A few weeks ago, there were some directions posted here on
how to build a simple antenna for VHF-LOW reception. I'll summarize
them here and then ask my question. I took 24 feet of 18 gauge wire
with RCA plugs on each end. I attatched an RCA to BNC connector on
one end, and chopped off the other connector and separated 5 feet of
wire, giving me 10 feet when stretched from end to end. I stapeled
the 10 feet of separated wire on the side of my house, and ran the
remaining 19 feet in the window to the Pro-2030 on my desk.
Now, the question. Should I have taken off any or all of
the insulation on the 10 feet of wire that I stapeled vertically to
the side of the house? My reception has not gotten all that much
better and I'm wondering if that is my problem. Could it be
something else? Would it be better if I put the thing on the roof?
Any hints or suggestions are welcome! Thanks in advance!

J.D. Ross
jdross@sdcc13.ucsd.edu
Woodland Hills, CA

5851. VXO Scrambling

Newsgroup: rec.radio.scanner
Date: 1994-07-02 00:57:42 UTC
From: Anonymous User <nobody@soda.berkeley.edu>
Message-ID: <2v2e26$p6d@agate.berkeley.edu>
Source record: 272296
Cross-posted to: alt.2600,alt.radio.scanner,rec.radio.scanner

Hey all..

Ok..here's the deal. There is a type of voice-encryption (scrambling) that is very common around my area. It is not really that secure. It is analog, an older type called 'VXO' scrambling I think. Anyway, as I understand it; to unscramble/scramble, all one has to do is 'tune' the VXO. It sounds kinda like SSB (single side band) on FM. It is not quite the same as simply tuning the frequency off a bit. I can tune my radio in 1kHz steps, that does not work. I know one person who has a 'VXO tuner', and it does work. My question is, *just what is VXO?* The 'tuner' he has seems like a fairly simple device. (4 IC's, 2 relays, several resistors and capacitors, 3 transistors, no surface mounted stuff) He does'nt have a schematic, and he won't let me take a *good* look at it. (I can't see the underside of the circuit board) So anyone got one of these things? (or schematic?) I have seen these (I think) in the backs of magazines like Popular Communications; but I wanted to try the net first. It probably wouldn't be too difficult to run the analog into a soundblaster; and just adjust the VXO. (It is strictly analog, so you can record the scrambled speech, and play it through the VXO tuner to unscramble) BTW, I have heard that Radio Shack sells a phone that uses the same type of analog scrambling/descrambling.

columbia bomb
shipment of cocaine el salvador

For more information about this anonymous posting service,please send mail to remailer@soda.berkeley.edu with Subject: remailer-info.

To respond to the sender of this message, send mail to remailer@soda.berkeley.edu, starting your message with the following 8 lines:
::
Response-Key: ideaclipper

====Encrypted-Sender-Begin====
MI@```%]S^P;+]AB?X9TW6\8W.:.P&2'EP(J['X3DED[\S3%W!2W(@>95J!YO
MKM5>$D^ZZ*Z'&0NUGJO&9B:)">H;M:8I$QBCCZ;+YE__!_;GG3#1C9--"-D(
*BYT>F0-1'/H=U```
====Encrypted-Sender-End====

5852. Re: Weather Satellites?

Newsgroup: rec.radio.scanner
Date: 1994-07-02 02:41:40 UTC
From: josephl@clark.net
Message-ID: <2v2k54$gjg@clarknet.clark.net>
Source record: 272297

David Stark (David.Stark@p2.f333.n2613.z1.fidonet.org) wrote:

: Those are not weather satellite frequencies. The SATELLITES transmit
: on frequencies between 136 and 138 MHz.

Well, here it is...

135.5550 ATS-1/3/5 SATELLITES
135.5750 ATS-1/3/5 SATELLITES
135.6000 ATS-1/3/5 SATELLITES
135.6250 ATS-1/3/5 SATELLITES
135.6450 ATS-1/3/5 SATELLITES
149.1950 ATS-3 SATELLITE
149.2200 ATS-3 SATELLITE
149.2450 ATS-3 SATELLITE
149.2650 ATS-3 SATELLITE
149.9780 NAVSAT
149.9880 NAVSAT
136.7700 NOAA WEATHER SATELLITES
137.5000 NOAA WEATHER SATELLITES
137.6200 NOAA WEATHER SATELLITES
137.7700 NOAA WEATHER SATELLITES

Joseph Liu Capital Associates, Inc., Hunt Valley, MD USA josephl@clark.net

5853. Re: VXO Scrambling

Newsgroup: rec.radio.scanner
Date: 1994-07-02 02:42:33 UTC
From: steve@vigra.com
Message-ID: <STEVE.94Jul1194233@susie.vigra.com>
Source record: 272298
Cross-posted to: alt.2600,alt.radio.scanner,rec.radio.scanner

--=}>> On 2 Jul 1994 00:57:42 GMT, Anonymous User <nobody@soda.berkeley.edu> said:

> Ok..here's the deal. There is a type of voice-encryption
> (scrambling) that is very common around my area. It is not really
> that secure. It is analog, an older type called 'VXO' scrambling I
> think. Anyway, as I understand it; to unscramble/scramble, all one
> has to do is 'tune' the VXO. It sounds kinda like SSB (single side
> band) on FM. It is not quite the same as simply tuning the frequency
> off a bit. I can tune my radio in 1kHz steps, that does not work. I
> know one person who has a 'VXO tuner', and it does work. My question
> is, *just what is VXO?* The 'tuner' he has seems like a fairly
> simple device. (4 IC's, 2 relays, several resistors and capacitors,
> 3 transistors, no surface mounted stuff) He does'nt have a
> schematic, and he won't let me take a *good* look at it. (I can't
> see the underside of the circuit board) So anyone got one of these
> things? (or schematic?) I have seen these (I think) in the backs of
> magazines like Popular Communications; but I wanted to try the net
> first. It probably wouldn't be too difficult to run the analog into
> a soundblaster; and just adjust the VXO. (It is strictly analog, so
> you can record the scrambled speech, and play it through the VXO
> tuner to unscramble) BTW, I have heard that Radio Shack sells a
> phone that uses the same type of analog scrambling/descrambling.

It sounds like they are using simple frequency-inversion on FM. This sounds similar to listening to the wrong sideband on SSB, but since it's FM, you can't fix it by detuning or switching sidebands.

If you can tolerate a bit of a whine, The algorithm to invert the spectrum on your SoundBlaster would be easy enough:

Simply invert the sign of every other sample.

Since the SB (and similar cards) uses unsigned samples, the sign inversion is done as a bit inversion; looks like this:

```
unsigned char samp;
samp = ~samp;
```

This will flip the frequency spectrum about the Nyquist frequency (1/2 sample rate), which is often all those phones do for scrambling. The descrambling is identical to scrambling, if it's a straight inversion. (It's a fun effect to play with too! Try to figure out what to say to make "correct" words come out.. very warped.)

The bummer is that the SoundBlaster can't record and play back at the same time, so you can't do any scrambling/descrambling in real time.

You will have to record the audio to a file and then process and play
it. Probably the biggest flaw in that simple soundcard. Ah well..

Happy Hacking!
-Steve

Steve Haehnichen Vigra, Inc. San Diego, CA
steve@vigra.com (619) 597-7080 x116 Fax: (619) 597-7094

5854. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-07-02 03:57:02 UTC
From: floyd@hayes.ims.alaska.edu
Message-ID: <CsAoB4.DrA@raven.alaska.edu>
Source record: 272299
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

In article <1Wt4kiubGUOJ066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:
>In article <1994Jun30.104821.24271@amoco.com>, lewall@amoco.com wrote:
>>
>> Chris, take a look at the latest offerings from whatever data comm vendor
>> you prefer. Look for a NON-INTRUSIVE FIBER TAP .... about 30 bucks and an
>> idiot could put this a piece of fiber.
>> Just my $.02 worth to the fiber tap discussion.
>> Larry
>>
>
>Anyone in the data-comm field knows there's no such thing as non-intrusive
>fiber taps. Anyone w/any ELEMENTARY physics background will confirm this.
>Come on people, you gotta stop looking for computer supplies in your
>J.C. Whitney catalogs...If the catalog states non-intrusive, they're
>trying to sell you a line of crap; what? false advertising? naaaahhhh....

I've been working with telecom fiber cables for a decade, and haven't seen one yet that looked like it could be tapped without first applying at least an axe, and maybe a hacksaw. I'd sure like to see this $30 non-intrusive tap that an idiot can apply!

Floyd
--
floyd@ims.alaska.edu A guest on the Institute of Marine Science computer
Salcha, Alaska system at the University of Alaska at Fairbanks.

5855. Re: ICOM R-1 Receive Problem

Newsgroup: rec.radio.scanner
Date: 1994-07-02 06:30:36 UTC
From: Kevin Martinez <lps@rahul.net>
Message-ID: <CsAvF1.33p@rahul.net>
Source record: 272304

billn@hpcvaac.cv.hp.com (bill nelson) writes:

>DEVENNEY@VM.TEMPLE.EDU (Jack Devenney) writes:
>: My ICOM R-1 has an intermittent receive problem. Periodically, when I
>: power it up, I only hear garbled (or no) transmissions. It remains that
>: way after numerous power on/off cycles, and then eventually (often days
>: later) returns to its normal self. I wondered if anyone else has had
>: the same problem or has a suggestion.

>I need more information. Does this happen everywhere, or only in one
>general location? It is possible that your radio is suffering from
>intermittant rf overload.

They are sensitive to overload. I keep a 50 ohm BNC scope type terminator
to help in some situations. (It does look like a ethernet port with no
antenna...)
--

Kevin Martinez lps@rahul.net Member of the Julie Kangas Fan Club
Work: 1 800 50 SATAN Home: 1 510 676 1111

5856. Frequencies in Germany?

Newsgroup: rec.radio.scanner
Date: 1994-07-02 06:42:25 UTC
From: griffith@sfs.nphil.uni-tuebingen.de
Message-ID: <GRIFFITH.94Jul2084225@filippo.sfs.nphil.uni-tuebingen.de>
Source record: 272300

Does anybody have an information on frequencies in Germany,
particularly in the Tuebingen area?

I have the Wolf Siebel book called "UKW Sprechfunk-Handbuch" and
although it is helpful it is too general. I would like to know
frequencies of local transportation, utilities, anything. The Siebel
book only has national allocations.

I've been able to collect some information on my own and would love to
hear from anyone who knows anything about Tuebingen or Germany in
general.

--
John Griffith griffith@sfs.nphil.uni-tuebingen.de
Seminar fuer Sprachwissenschaft (+49) 07071 29 7314
Universitaet Tuebingen
Kleine Wilhelmstr. 113
72074 Tuebingen, Germany

5857. question about pro-46 mod

Newsgroup: rec.radio.scanner
Date: 1994-07-02 07:54:31 UTC
From: pianoman@ecst.csuchico.edu
Message-ID: <2v36fn$p5h@charnel.ecst.CSUChico.EDU>
Source record: 272301

hello.. this is my first post, so please don't shoot if i screwed up..

I did the modification that was posted here to my pro-46. What does it change? I can pick up cellular frequencies now, but I never tried before in that range, yet the scanner says that it already could scan those frequencies. Would I have not been able to get them before?

Thanks..

and please, if I did anything wrong in this post e-mail me and let me know how to do it right..

5858. Scanner BBS's?

Newsgroup: rec.radio.scanner
Date: 1994-07-02 09:52:00 UTC
From: : media2k@aol.com-;
Message-ID: <fe.1229.3070@dt-can.com>
Source record: 272303

```
l.com>
-> Newsgroups: rec.radio.scanner
-> Organization: America Online, Inc. (1-800-827-6364)
->
-> Does anyone have a complete (or even semi-complete) list of BBS's
-> which cater to scanning? If so, I would appreciate the info.
```


**********ר*****

The Obelisk BBS
(519) 679.0021
Accex 2400-14400
24 Hrs/Day
FREE FULL ACCESS ON 1ST CALL
CDROM Online
QWK mail pakets
10 file a day D/L
No 2-bit upload ratios!
V.4 Wildcat in 2-3 weeks !

**********ר*****

TNet 3.90 USENET| The Obelisk BBS | London, Ont.| 519.6790021

5859. Re: R.S. Performance Specs?

Newsgroup: rec.radio.scanner
Date: 1994-07-02 12:27:44 UTC
From: coyote@clt.fx.net
Message-ID: <2v3mg0$380@clt.fx.net>
Source record: 272305

```
: If you take the power off the 2026 (i.e. disconnect the battery
: or turn off the power supply) you will LOSE ALL STORED FREQs in
: the 100 memory channels. This is a bummer, and if you're not
: going to install the thing in your car it's a shortcoming you
: should think long and hard about.

The current 2026 has a memory backup that keeps channel frequencies
stored for up to 14 days if a power failure occurs.
```

5860. Re: VHF-LOW antenna

Newsgroup: rec.radio.scanner
Date: 1994-07-02 13:49:48 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CsBFr0.HIn@nntpa.cb.att.com>
Source record: 272306
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Your wire antenna probably doesn't work well because you stapled
it directly to your house. It should be as far from surrounding
objects as possible.

My best performing receiving antenna for the 42 MHz range is a ham
radio antenna -- a ground mounted HyGain brand vertical antenna,
cut for 1/4 wave on the 20 meter ham band. (It's slightly taller
than 5 meters in height.) I have a copper clad steel ground
rod driven deep in the ground at the base, and feed the antenna
with a military spec coax similar to RG-8/U.

Notice that 42 MHz is three times the 14 MHz for which the
antenna was designed.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

5861. ADAPTER FOR IC2-SAR

Newsgroup: rec.radio.scanner
Date: 1994-07-02 16:18:33 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9407021618.0MWTT00@chrysalis.org>
Source record: 272322

there was a gentleman that emailed me about a 1/8 phono plug to bnc jack adapter for the icom ic2-sra handheld. i have since lost his email address. i am interested in obtaining one of these from him. if he will email me again i would be appreciative. thanks. Brian Oakley A.R.S WB5KXW Ft. Worth, TX brian.oakley@chrysalis.org

5862. Dallas/Ft. Worth FQ

Newsgroup: rec.radio.scanner
Date: 1994-07-02 16:39:27 UTC
From: kbryant@metronet.com
Message-ID: <CsBnLs.HBF@metronet.com>
Source record: 272312

Any help in obtaining Dallas/FTW frequenices would be appreciated.

--Kyle.
--

--Kyle.

Personal Computer Solutions - Midlothian (Dallas), Texas

5863. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-07-02 17:03:44 UTC
From: floyd@hayes.ims.alaska.edu
Message-ID: <CsBoqA.ED@raven.alaska.edu>
Source record: 272313
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

In article <CsAoB4.DrA@raven.alaska.edu> floyd@hayes.ims.alaska.edu (Floyd Davidson) writes:
>
>I've been working with telecom fiber cables for a decade, and haven't
>seen one yet that looked like it could be tapped without first applying
>at least an axe, and maybe a hacksaw. I'd sure like to see this $30
>non-intrusive tap that an idiot can apply!

I didn't get the emphasis on that in the right place.

Non-intrusive taps are not what I doubt, but for $30 that
an idiot can do... I don't think so.

Floyd
--
floyd@ims.alaska.edu A guest on the Institute of Marine Science computer
Salcha, Alaska system at the University of Alaska at Fairbanks.

5864. Re: Looking for PRO-46 mods

Newsgroup: rec.radio.scanner
Date: 1994-07-02 18:41:42 UTC
From: nelsoncb+@pitt.edu
Message-ID: <2v4cd6$9an@usenet.srv.cis.pitt.edu>
Source record: 272314

ryan lindley mcdonald (mryanc@tamucc.edu) wrote:

: Anyone out there have any PRO-46 mods or test mode info?
: Also, anything on Uniden CP6600 cell fone?

Try 2,9,L/O while turning on your scanner. It will WIPE all yours freqs
and place test freqs in the first 30 channels. Channel 23 is in the cell
range, you can then scan up and down from there and save channels with
the monitor key.

--
---
nelsoncb+@pitt.edu
Who knows what evil lurks in the hearts of men.
Finger me for my pgp public key...

5865. Cellular

Newsgroup: rec.radio.scanner
Date: 1994-07-02 18:53:01 UTC
From: davion28@netcom.com
Message-ID: <davion28CsBtsD.IyC@netcom.com>
Source record: 272315

I have a question about something I heard on the cell band. While in LA I was sitting in my Hotel and I heard a guy and girl talking about getting their phones fixed to get free service for a month my question Is It illegal to hear someone that was using a fix phone to get free service I mean cause their not paying so why should they think what their saying should be private. They were both on cell phone. They also said on the phone were they go to get their phone fixed.

5866. NYC Fireworks Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-07-02 20:49:22 UTC
From: lesserm@iia.org
Message-ID: <2v4jsi$4sl@ankh.iia.org>
Source record: 272317

Does anyone know the frequencies used by the director or other personnel
for the fourth of July fireworks on the East River in NYC?

Thanks in advance

Michael C. Lesser

5867. Indy Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-07-02 21:23:45 UTC
From: bmullins@IndyNet
Message-ID: <CsC0rL.6q3@indy.net>
Source record: 272318

I just picked up my scanner (PRO-49) and am having a hard time finding anything, is there a guide to finding stuff, or a list of good frequencies in the Indianapolis area?

-Brandon

--
bmullins@indy.net DrugsUndergroundMagickWeirStuffFreedomSexMusicHailEris!fnord
BobSlack (IRC) / My Life With The Thrill Kill Kult Fan / Atari Jaguar / Amiga

5868. Re: Icom R-7100

Newsgroup: rec.radio.scanner
Date: 1994-07-02 22:09:32 UTC
From: macy@telemax.com
Message-ID: <CsC2vx.12o@telemax.com>
Source record: 272229

In article <2933@bridge2.NSD.3Com.COM> peter_simpson@3com.com writes:
>Has anyone opened their 7100? Is the program in a seperate, socketted, PROM?
>
>It would be interesting if people with "old" and "new" 7100s could take a look
>at their respective schematics and see whether PROMs can be swapped. I suspect
>it's just a matter of time before replacement "old" 7100 firware becomes available.

There's an article on a memory and upgrade board for some of the
Icom 71 type radios in the current QST. Looks like someone has figured
out a better way than Icom does it...

--
Macy M. Hallock, Jr. N8OBG +1.216.723.3030 macy@telemax.com macy@fms.com
Telemax, Inc. - F M Systems, Inc. 152 Highland Drive Medina, OH 44256 USA

5869. Halifax, NS, Canada Freq.

Newsgroup: rec.radio.scanner
Date: 1994-07-02 23:47:33 UTC
From: dmcdouga@fox.nstn.ns.ca
Message-ID: <dmcdouga-020794204737@halifax-ts2-18.nstn.ns.ca>
Source record: 272319

Halifax, NS, Canada

The enclosed info is per a reguest for Halifax metro area frequencies. I hope that it is of help
Tad separated text file from a DB. The order of fields is: Frequency, Agency, City, Description.

143.0850/148.0750 Casino Taxi Halifax
143.2050/148.1650 Y Taxi Halifax
143.5650/148.5550 City of Halifax Halifax EMO (PL tone 82.5)
143.5650/148.5550 NS Department of Government Services Halifax ch 2, 10, 16, 23
143.5950/148.1700 Casino Taxi Halifax
152.4500 Shaw Fuels Halifax
152.9900 Nova Scotia Power Corporation (NSPC) Dartmouth
153.2900 Nova Scotia Power Corporation (NSPC) Dartmouth
153.4200 O'Neil Fuels Halifax
153.8300 Dartmouth Fire Dartmouth Eastern Passage dispatch
153.8300 City of Halifax Halifax VHF mutual aid
154.0100 Dartmouth Fire Dartmouth Cole Harbour dispatch
155.4075/154.7475 Royal Canadian Mounted Police (RCMP) Dartmouth
155.4350 Dartmouth Police Dartmouth
155.4600 Royal Canadian Mounted Police (RCMP) Dartmouth ch 9, detectives
155.4600 Royal Canadian Mounted Police (RCMP) Halifax ch 9, detectives
155.6400/155.0700 Royal Canadian Mounted Police (RCMP) Dartmouth ch 4
155.6700 Royal Canadian Mounted Police (RCMP) Dartmouth ch 8, local
155.6700 Royal Canadian Mounted Police (RCMP) Halifax ch 8, local
155.7300/154.8600 Royal Canadian Mounted Police (RCMP) Halifax ch 2
155.8800/155.1600 Royal Canadian Mounted Police (RCMP) Dartmouth ch 3
155.8800/155.1600 Royal Canadian Mounted Police (RCMP) Halifax ch 3
155.9100 Halifax and Dartmouth Bridge Commission Dartmouth
156.3500 Atlantic Salvage and Dredging Limited Halifax
156.6000 Atlantic Salvage and Dredging Limited Halifax
156.7000 Atlantic Salvage and Dredging Limited Halifax
156.8000 Atlantic Salvage and Dredging Limited Halifax
157.3950 Halifax Harbour Patrol Halifax
158.2800 Dartmouth Ambulance Dartmouth dispatch
158.4000 Arsenault Ambulance Halifax
158.4300 Rankins Mechanical Dartmouth
158.7600 Dartmouth General Hospital Dartmouth
158.7600 Halifax Infirmary Halifax
158.9100 Dartmouth Ambulance Dartmouth provincial ambulance channel
158.9100 Arsenault Ambulance Halifax provincial ambulance channel
159.6600 Atlantic Salvage and Dredging Limited Halifax
162.3600 Dartmouth Fuels Dartmouth

164.8200 Eagle Security Halifax
166.5900 Imperial Oil Dartmouth oil refinary
167.7900 Bedford Instituted of Oceans (BIO) Dartmouth
169.6800/167.4600 Barrian Enterprises Halifax
410.0125/415.0125 Royal Canadian Mounted Police (RCMP) Halifax Halifax
airport
412.0125/417.0125 Dartmouth Fire Dartmouth ch 1
412.0625/417.0625 Dartmouth Fire Dartmouth ch 2
412.1875/417.1875 Dartmouth Police Dartmouth ch 4
412.3125/417.3125 Dartmouth Fire Dartmouth ch 3
412.3625/417.3625 Dartmouth Police Dartmouth ch 1
412.5625/417.5625 Dartmouth Police Dartmouth ch 2
412.6125/417.6125 Dartmouth Fire Dartmouth ch 4
412.8125/417.8125 Dartmouth Police Dartmouth ch 3
413.0625 Royal Canadian Mounted Police (RCMP) Halifax Halifax airport
413.2875 Royal Canadian Mounted Police (RCMP) Halifax Halifax airport
414.0125/419.0000 Nova Scotia Emergency Measures Organisation
(EMO) Halifax
414.0875 Nova Scotia Emergency Measures Organisation (EMO) Halifax
461.3000/466.3000 Imperial Oil Dartmouth oil refinary
461.4000 Imperial Oil Dartmouth oil refinary
461.5500 Imperial Oil Dartmouth oil refinary
461.6125 Imperial Oil Dartmouth oil refinary
461.6625 Imperial Oil Dartmouth oil refinary
461.7500 Imperial Oil Dartmouth oil refinary
461.8125 Imperial Oil Dartmouth oil refinary
461.8750 Imperial Oil Dartmouth oil refinary
462.6875 Purolator Courier Halifax
464.0500 Halterm Ltd. Halifax container ship facility
464.3000 Halterm Ltd. Halifax container ship facility
464.5250 Halterm Ltd. Halifax container ship facility
464.8000 Halterm Ltd. Halifax container ship facility
469.5500 Halifax Cablevision Halifax
862.6375/817.6375 City of Halifax Halifax ch 9, Geizer's Hill (trunked
radio system)
862.7375/817.7375 City of Halifax Halifax ch 9, Barrington Tower (trunked
radio system)
862.8875/817.8875 City of Halifax Halifax ch 8, Geizer's Hill (trunked
radio system)
862.9875 City of Halifax Halifax police, talk around channel (trunked radio
system)
863.1375/818.1375 City of Halifax Halifax ch 7, Geizer's Hill (trunked
radio system)
863.2375/818.2375 City of Halifax Halifax ch 7, Barrington Tower (trunked
radio system)
863.3875/818.3875 City of Halifax Halifax ch 6, Geizer's Hill (trunked
radio system)
863.4875/818.4875 City of Halifax Halifax ch 6, Barrington Tower (trunked
radio system)
863.6375 City of Halifax Halifax fire, talk around channel (trunked radio

system)
863.6375/818.6375 City of Halifax Halifax ch 5, Geizer's Hill (trunked
radio system)
863.7375/818.7375 City of Halifax Halifax ch 5, Barrington Tower (trunked
radio system)
863.8875/818.8875 City of Halifax Halifax ch 4, Geizer's Hill (trunked
radio system)
863.9875/818.9875 City of Halifax Halifax ch 4, Barrington Tower (trunked
radio system)
863.9875/818.9875 City of Halifax Halifax ch 8, Barrington Tower (trunked
radio system)
864.1375/819.1375 City of Halifax Halifax ch 3, Geizer's Hill (trunked
radio system)
864.2375/819.2375 City of Halifax Halifax ch 3, Barrington Tower (trunked
radio system)
864.3875/819.3875 City of Halifax Halifax ch 2, Geizer's Hill (trunked
radio system)
864.4875/819.4875 City of Halifax Halifax ch 2, Barrington Tower (trunked
radio system)
864.6375/819.6375 City of Halifax Halifax ch 1, Geizer's Hill (trunked
radio system)
864.7375/819.7375 City of Halifax Halifax ch 1, Barrington Tower (trunked
radio system)
864.8875 City of Halifax Halifax others, talk around channel (trunked radio
system)
864.8875/819.8875 City of Halifax Halifax control channel, Geizer's Hill
(trunked radio system)
864.9875/819.9875 City of Halifax Halifax control channel, Barrington Tower
(trunked radio system)
866.0125/821.0125 City of Halifax Halifax 800 MHz. mutual aid (trunked
radio system)

5870. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-07-02 23:55:34 UTC
From: ssatchell@BIX.com
Message-ID: <ssatchell.773193334@BIX.com>
Source record: 272320
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

floyd@hayes.ims.alaska.edu (Floyd Davidson) writes:

>In article <CsAoB4.DrA@raven.alaska.edu> floyd@hayes.ims.alaska.edu (Floyd Davidson)
writes:
>>
>>I've been working with telecom fiber cables for a decade, and haven't
>>seen one yet that looked like it could be tapped without first applying
>>at least an axe, and maybe a hacksaw. I'd sure like to see this $30
>>non-intrusive tap that an idiot can apply!

>I didn't get the emphasis on that in the right place.

>Non-intrusive taps are not what I doubt, but for $30 that
>an idiot can do... I don't think so.

Non-intrusive taps have been demonstrated, although it hasn't been
demonstrated that such a tap is undetectable at the receiving end.
The process involves stripping the cladding from the central core,
wrapping a bare core end around, and sealing the joint with the
right stuff which reestablishes the cladding.

Not your $30 tap, indeed!

5871. Re: motorola scrambled phone

Newsgroup: rec.radio.scanner
Date: 1994-07-03 00:02:11 UTC
From: dave@frackit.UUCP
Message-ID: <5112@frackit.UUCP>
Source record: 272324

In article <2uoon7$aki@cs.uwp.edu>, ritchie@cs.uwp.edu (Mary Ritchie) writes:
-
- I posted this, saw it on the list, yet it isn't there two days later.
- So waht gives? Is this some kind of moderated list, and my question was
- out of line?

Never heard of an article expiring from a system I take it.

- I'll try it one more time: what do you scanner people do about
- the Motorola scrambled phone?

Hit "SCAN" and listen to something else?

--
Dave Ratcliffe vogon1!frackit!dave@cse.psu.edu
Harrisburg, Pa.

5872. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-03 00:12:50 UTC
From: dave@frackit.UUCP
Message-ID: <5113@frackit.UUCP>
Source record: 272225
Cross-posted to: rec.radio.scanner,rec.autos.sport

In article <2uuttc$jmq@strauss.udel.edu>, kmorrill@strauss.udel.edu (Kenneth J Morrill) writes:
- In article <2uurrc$jhf@corpgate.rich.nt.com>,
- Brad Glidewell <brad.glidewell@nt.com> wrote:
-
- >I'm not sure why this is an issue.
- >If my loved one was hurt, I'd want to know
- >ASAP what was happening. What am I missing here?
-
- I'm glad that you asked this, Brad. I thought that even emergency
- room physicians brief close relatives rather completely, at least
- to allay fears for the worst.
-
- Could the previous posters please amplify the rationale of their
- support of protectiveness?

(Person monitoring scanner) "They're saying the driver is dead. His head was ripped off by the impact"

(Relatives of "the driver" scream, wife faints, mother has a heart attack and falls over dead, general panic and confusion. Then....)

(Person monitoring scanner) "No! Wait.... That's just his helmet laying on the floor. He's only got a nasty cut on
his arm. Otherwise he's ok"

--
Dave Ratcliffe vogon1!frackit!dave@cse.psu.edu
Harrisburg, Pa.

5873. Re: NYC Scanner Buffs Please HELP

Newsgroup: rec.radio.scanner
Date: 1994-07-03 00:25:03 UTC
From: dra@pipeline.com
Message-ID: <2v50gv$378@p03.pipeline.com>
Source record: 272321

ligosa@pipeline.com (Chris Barbosa) wrote:

>
> I hope you could help me with something.. The
>frequency 461.6500 (Citywide Radio) ?
>
>What exactly is this frequency used for ? I have heard
>everything from security services to spanish speaking
>communications to
>what I think are Hams keeping each other up on the
>latest note worthy news events ?
>
Citywide Radio is a group of freelance news people (mainly),
police/fire/EMS techs and just plain scanner buffs. They lease
a repeater which they share with other users (but members don't
hear the other users, as they use PL). They also have an 'F-2'
-- 461.325. Both channels are GMRS freqs, and as such you'll
hear all sorts of users and comms here.
>What is Citywide Radio ?
>
>Please expalin .
>
>Thanks...Ligosa @ pipeline.com

5874. Re: NYC Scanner Buffs Please HELP

Newsgroup: rec.radio.scanner
Date: 1994-07-03 02:04:29 UTC
From: ligosa@pipeline.com
Message-ID: <2v56bd$ccd@p03.pipeline.com>
Source record: 272323

dra@pipeline.com (David Alpert) wrote:

>
>
>
>ligosa@pipeline.com (Chris Barbosa) wrote:
>
>
>>
>> I hope you could help me with something.. The
>>frequency 461.6500 (Citywide Radio) ?
>>
>>What exactly is this frequency used for ? I have
>heard
>>everything from security services to spanish speaking
>
>>communications to
>>what I think are Hams keeping each other up on the
>>latest note worthy news events ?
>>
>Citywide Radio is a group of freelance news people
>(mainly), police/fire/EMS techs and just plain scanner
>buffs. They lease a repeater which they share with
>other users (but members don't hear the other users, as
>they use PL). They also have an 'F-2' -- 461.325.
>Both channels are GMRS freqs, and as such you'll hear
>all sorts of users and comms here.
>>What is Citywide Radio ?
>>
>>Please expalin .
>>
>>Thanks...Ligosa @ pipeline.com

Thanks Dave,
By the way is it
New York Central Radio. ?
And do you know the freqs for
Breaking News Network ?
Chris...

5875. New Pro-43 can't be moded?

Newsgroup: rec.radio.scanner
Date: 1994-07-03 03:24:06 UTC
From: atom@netcom.com
Message-ID: <atomCsCHG6.Ao9@netcom.com>
Source record: 272226
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I just bought a RS Pro-43, and I noticed that the FCC ID is AA020-300A
which differs from the old ID # which didn't have the A at the end.
Does this mean that this Pro43 can't be modified for cellular?

Please reply ASAP because if I can't modify it, I want to return it.

Thanks!

--
+-------=Allen Tom=-------+
| atom@soda.berkeley.edu | Real blood, real broken bones.... now that's ART!
| atom@netcom.com | -- GG Allin
+------------------------+
GB/U/CS d-- -p+ c++ l u e+/* m+(---) s n+(---) h(*) f+ g- w++ t+@ r- y?(*)

5876. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-03 04:57:00 UTC
From: st1hg@jetson.uh.edu
Message-ID: <2JUL199423570288@jetson.uh.edu>
Source record: 272227
Cross-posted to: rec.radio.scanner,rec.autos.sport

AT every major race that I have ever worked in emergency services
or crash rescue we have a very detailed disaster plan. Which includes code
words to describe a drivers physical condition. Most of our personnel
know not to give out information over the airwaves. After every major incident
there will be a throng of people gathered around gawking. These are the
same people that purchase the Crash and Burn videos on TNN.
Racing aside we get the same thing out on the streets. A major
accident will occur and people start to come out of the woodwork. AT least
at a race we have a fence to keep the general public away. (All us true
die-hard race fans are already on the other side of the fence!) In the public
one of the most difficult problems we have when the helicopter lands is
crowd control.
-Mac.

Mac Atteberry, EMT-P, ACLS, BTLS-IA Flight Paramedic
InterNet: ST1HG@Jetson.UH.EDU Hermann Life Flight
N5WVD San Jac Crash Rescue Team

5877. Roadtrip to Chicago

Newsgroup: rec.radio.scanner
Date: 1994-07-03 06:54:39 UTC
From: ad178@FreeNet.Carleton.CA
Message-ID: <CsCr73.6x5@freenet.carleton.ca>
Source record: 272228

I'm driving to Chicago from Vermont via I-90 and will have a scanner
along for the ride...any frequencies to make the drive less boring
would be much appreciated....State police, thruway police etc.

Thnaks in advance....

TeeDee
--
Life's to short to worry... :)

5878. Re: Radio Shack PRO-34

Newsgroup: rec.radio.scanner
Date: 1994-07-03 07:59:47 UTC
From: as041@FreeNet.Carleton.CA
Message-ID: <CsCu7n.81p@freenet.carleton.ca>
Source record: 272230

In a previous article, jyee@unixg.ubc.ca (Jeffrey Yee) says:

>Has anyone heard of this scanner model from Radio Shack? I bought it three
> years ago. Can it pick up the Cellular frequencies? I tried to find the
>modification text files but most of them were for the PRO-34 and the
>descriptions were different. Does anyone know of any FTP sites that have
>these modification text files?

I also got my PRO-34 about three or four years ago and it has been quite
serviceable, even if the audio is a little on the weak side.

I can tune cell phone frequencies by using the scan ranges shown on the back
plate. Try programming in the 806-804, 851-869 and 896-960 ranges. I have
heard cell calls in these ranges and I think it works because the
cell-phone freqs. minus the receiver I.F. puts them in these ranges. No
mod needed.

Good luck.

>Whats the diff between the Pro-34 and the Pro-35 ?

Dunno.
--
Robin Ludlow, VE3YE
Orleans, Ontario, Canada
as041@freenet.carleton.ca

5879. Re: Danger The Government Wants You Blind

Newsgroup: rec.radio.scanner
Date: 1994-07-03 09:58:21 UTC
From: soup@penrij.UUCP
Message-ID: <1994Jul3.095821.3081@penrij.UUCP>
Source record: 272245

Tom.Eagan@f239.n109.z1.fidonet.org (Tom Eagan) writes:

>M> Not so. Tapping fiber is trivial. Also, Clipper would not in any wa
>
>NOT SO - Taping fiber is far from trivial and after you have managed
>to tap the fiber (single fiber capacity in excess of 50,000 channels)
>just how do you go about demuxing the DTM signal into a single channel?
> . . .
>of 250,000 single channels. TAP FIBER - Not very likely or smart
>when you can go right to the CO.

Isn't that why the Congress has been hashing out a law requiring the
phone companies to provide a "tapping patch" for the FBI to initiate
a tap w/o actually visiting the CO???

And who says that InterNet routers won't be next?

--
John R. Campbell soup@penrij.UUCP
Speaker to Machines Resident Heckler
When cryptography is outlawed, bayl bhgynjf jvyy unir cevinpl
Guns don't kill people. GNUs, however, are Not Unix.

5880. Re: R.S. Performance Specs?

Newsgroup: rec.radio.scanner
Date: 1994-07-03 11:29:18 UTC
From: dhughes@prairienet.org
Message-ID: <2v67ee$k7r@vixen.cso.uiuc.edu>
Source record: 272231

In a previous article, coyote@clt.fx.net (Si Ballenger) says:

>
>: If you take the power off the 2026 (i.e. disconnect the battery
>: or turn off the power supply) you will LOSE ALL STORED FREQs in
>: the 100 memory channels. This is a bummer, and if you're not
>: going to install the thing in your car it's a shortcoming you
>: should think long and hard about.
>
> The current 2026 has a memory backup that keeps channel frequencies
>stored for up to 14 days if a power failure occurs.
>
>
>

And if you run it from a wall pack (500mA) and leave the wallpack plugged in, it will not lose its frequencies. ---Dan
--

5881. Re: AOR8000 available yet?

Newsgroup: rec.radio.scanner
Date: 1994-07-03 13:17:24 UTC
From: vhealey@crl.com
Message-ID: <2v6dp4$aje@crl2.crl.com>
Source record: 272232

In article <brett_miller.353.00105180@ccm.hf.intel.com>,
Brett Miller - N7OLQ <brett_miller@ccm.hf.intel.com> wrote:
>
>If it has good RF performance, I'll be selling my wife's car to get one. :-)
>

Brett forget the car sell the wife!

Vic

5882. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-07-03 13:22:48 UTC
From: vhealey@crl.com
Message-ID: <2v6e38$aop@crl2.crl.com>
Source record: 272233

In article <B5B5E56A@sable.com>, jeff kelley <JEFF.KELLEY@sable.com> wrote:
>
>RO>I think you will find the RS employee does not know what he is talking
>RO>about. There is no new 2006, and won't be.
>
>RO>Gary
>
>Have you once met a RS employee who did know what they were talking
>about? At least I haven't in the many RS's that I've been to.
>

Jeff I agree. Radio shack tends to employ folks little more then the
street people that salvage the dumpsters behind the grocery stores. I
never trust anything they have to say of a technical nature and seldom
trust them to even know what radio shack currently sells.

As they say others mileage may differ but I bet not by much!

Victor Healey

5883. Re: new york state utilities

Newsgroup: rec.radio.scanner
Date: 1994-07-03 13:36:46 UTC
From: Joe_A._Walker@aardvark.bah.rochester.ny.us
Message-ID: <0005F789.fc@aardvark.bah.rochester.ny.us>
Source record: 272242

Here are some ROCHESTER freqs. they moght not be of help, here they are:

DPW:
161.430, 153.410, 153.225
GRC CABLE
461.200
MCWA (WATER)
451.200
ROCH. TEL.
451.500
RG&E
158.190, 158.220, 153.725, 415.025, 451.050, 451.100, 451.250.
** Via the Aardvark Burrow BBS - 1-716-383-1372**

5884. Railroad freqs?

Newsgroup: rec.radio.scanner
Date: 1994-07-03 13:42:55 UTC
From: dww5@email.cac.psu.edu
Message-ID: <dww5.83.2E16C05F@email.cac.psu.edu>
Source record: 272234

Anyone have a newer compilation of railroad frequencies than my 3-year-old list? Many lines have since fallen by the wayside, & many consolidations have taken place in that time, so I feel my data may be severely dated.

Thanks,

Dale dww5@psu.edu

--just an oppossum on the information superhighway.....

5885. Freqs Needed for New Hampshire/ Vermont

Newsgroup: rec.radio.scanner
Date: 1994-07-03 14:50:01 UTC
From: rossl40555@aol.com
Message-ID: <2v6j6p$lli@search01.news.aol.com>
Source record: 272235

I will be in the Dartmouth/Lake Sunapee NH area for three weeks in August. Any frequencies for this area as well as the White River Jct, Vermont area would be appreciated.

Thanks,

Ross KD4ZAF

5886. 461 not GMRS

Newsgroup: rec.radio.scanner
Date: 1994-07-03 17:23:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <773278901.AA08100@rochgte.fidonet.org>
Source record: 272239

```
>>frequency 461.6500 (Citywide Radio) ?
>>
> hear the other users, as they use PL). They also have an 'F-2'
> -- 461.325. Both channels are GMRS freqs, and as such you'll

No they aren't. Both channels are in the regular UHF business band. GMRS
is from 462.55 to 462.7 or so.

===========================================================================
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ, FLAG-1
Finger Lakes Alert Group (FLAG) member
Western NY Shortwave & Scanner Listeners' Net Control Station
Internet david.stark@rochgte.fidonet.org [or] FLAG@rochgte.fidonet.org
===========================================================================
```

5887. Re: New Pro-43 can't be moded?

Newsgroup: rec.radio.scanner
Date: 1994-07-03 17:44:22 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-030794104236@lisaraip3.llnl.gov>
Source record: 272236

In article <atomCsCHG6.Ao9@netcom.com>, atom@netcom.com (Allen Tom) wrote:
>
> I just bought a RS Pro-43, and I noticed that the FCC ID is AA020-300A
> which differs from the old ID # which didn't have the A at the end.
> Does this mean that this Pro43 can't be modified for cellular?
>
> Please reply ASAP because if I can't modify it, I want to return it.
>

Is the model # 20-300A? If so, the A model is not restorable. Where did you
buy it?

Gary

The above opinions are mine, not those of LLNL.

Gary Ross
Shot Director ROSS@NOVAX.LLNL.GOV
Nova Laser Operations ROSSMAN@AOL.COM
Lawrence Livermore National Lab ROSSMAN@EWORLD.COM
P.O. Box 808 L-489
Livermore, CA 94551

5888. Re: TV frequencies..

Newsgroup: rec.radio.scanner
Date: 1994-07-03 23:19:02 UTC
From: nbschee@mailserv.nbnet.nb.ca
Message-ID: <nbschee.280.001751F1@mailserv.nbnet.nb.ca>
Source record: 272244
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <2v27ic$fl8@samba.oit.unc.edu> Jon.Spewak@launchpad.unc.edu (Jon Spewak) writes:

>I'm curious to know where I could find television station frequencies on
>the scanner. Does anyone know?

Following are audio frquencies for channels 2 - 13:

2 59.75
3 65.75
4 71.75
5 81.75
6 87.75
7 179.75
8 185.75
9 191.75
10 197.75
11 203.75
12 209.75
13 215.75

All in MHz of course...

From: nbschee@mailserv.nbnet.nb.ca
Silas E. Cheeseman
Saint John, NB, Canada
(506) 674-1321 Computer/FAX

"He will wipe away all the tears from their eyes"

- Revelation 21:4

5889. Re: Cellular

Newsgroup: rec.radio.scanner
Date: 1994-07-03 23:30:15 UTC
From: nbschee@mailserv.nbnet.nb.ca
Message-ID: <nbschee.282.001781CB@mailserv.nbnet.nb.ca>
Source record: 272243

In article <davion28CsBtsD.IyC@netcom.com> davion28@netcom.com (donell duckett) writes:

>I have a question about something I heard on the cell band. While in LA I
>was sitting in my Hotel and I heard a guy and girl talking about getting
>their phones fixed to get free service for a month my question Is It
>illegal to hear someone that was using a fix phone to get free service I
>mean cause their not paying so why should they think what their saying
>should be private. They were both on cell phone. They also said on the
>phone were they go to get their phone fixed.

Two wrongs don't make a right. :-)

From: nbschee@mailserv.nbnet.nb.ca
Silas E. Cheeseman
Saint John, NB, Canada
(506) 674-1321 Computer/FAX

"He will wipe away all the tears from their eyes"

- Revelation 21:4

5890. Need good book on federal freqs.

Newsgroup: rec.radio.scanner
Date: 1994-07-03 23:48:53 UTC
From: habu@gate.net
Message-ID: <2v7ip5$akt@tequesta.gate.net>
Source record: 272238

Can anyone suggest a good book that is current and up to date
that covers frequencies concerning goverment agencies especially
in S.Florida. I am looking for frequencies for the Military,Dea,
ATF,FBI,Customs,Secret Service and local police.

Thanks Mike

5891. GAY/LESBIAN/BISEXUAL HOBBYISTS

Newsgroup: rec.radio.scanner
Date: 1994-07-04 01:06:32 UTC
From: an94645@anon.penet.fi
Message-ID: <011307Z04071994@anon.penet.fi>
Source record: 272240

---------- Begin Forwarded Message ----------
GAY? LESBIAN? BISEXUAL?
Want to correspond with others like yourself in your own city or nationwide?
Need to talk to someone who understands where you are coming from?
Write to us to receive our free information on our Gay-Lesbian-Bisexual PenPal/Contact Service.
We have over 2000+ members nationwide and from all age groups.
We even have a special gay youth service for those UNDER 21.
All replies and mailings are confidential. FOr more detailed information,please send a self-addressed stamped envelope to us at:
Orion Services
P.O.Box 139
Hagaman,New York 12086
Also,please feel free to pass this information along to a friend who may be interested or post to any bbs or system.
*** PLEASE DISTRIBUTE FREELY ***

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

5892. Re: New Pro-43 can't be moded?

Newsgroup: rec.radio.scanner
Date: 1994-07-04 02:24:09 UTC
From: atom@netcom.com
Message-ID: <atomCsE9C9.HI@netcom.com>
Source record: 272241
Cross-posted to: rec.radio.scanner,alt.radio.scanner

ROSS@NOVAX.LLNL.GOV (Gary Ross) wrote:
"In article <atomCsCHG6.Ao9@netcom.com>, atom@netcom.com (Allen Tom) wrote:
">
"> I just bought a RS Pro-43, and I noticed that the FCC ID is AA020-300A
"> which differs from the old ID # which didn't have the A at the end.
"> Does this mean that this Pro43 can't be modified for cellular?
">
"> Please reply ASAP because if I can't modify it, I want to return it.
">
"
"
"Is the model # 20-300A? If so, the A model is not restorable. Where did you
"buy it?
"

This is the stuff on the label on the back of my Pro43:

Model No: 20-300
FCC ID: AA020-300A
S. No. A003974

I purchased it from a Radio Shack in San Francisco on July 2nd.
Can I modify it? BTW - this is my first scanner, and so far I love it!
But I really want to be able to pick up cellular. Not that i would
listen to cellular, I just want uh.... "continuous coverage." 8-)

--
+-------=Allen Tom=-------+
| atom@soda.berkeley.edu | Real blood, real broken bones.... now that's ART!
| atom@netcom.com | -- GG Allin
+-------------------------+
GB/U/CS d-- -p+ c++ l u e+/* m+(---) s n+(---) h(*) f+ g- w++ t+@ r- y?(*)

5893. Re: New Pro-43 can't be moded?

Newsgroup: rec.radio.scanner
Date: 1994-07-04 04:17:51 UTC
From: steven@sgb.oau.org
Message-ID: <CsEELt.6Kp@sgb.oau.org>
Source record: 272247
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Gary Ross (ROSS@NOVAX.LLNL.GOV) wrote:
: In article <atomCsCHG6.Ao9@netcom.com>, atom@netcom.com (Allen Tom) wrote:
: >
: > I just bought a RS Pro-43, and I noticed that the FCC ID is AA020-300A
: > which differs from the old ID # which didn't have the A at the end.
: > Does this mean that this Pro43 can't be modified for cellular?
: >
: > Please reply ASAP because if I can't modify it, I want to return it.
: >

: Is the model # 20-300A? If so, the A model is not restorable. Where did you
: buy it?

If you return it, be sure and tell them the reason is because it
can not be modified for cellular. We want them to know we will
not buy unmodifiable -or- difficult to modify scanners. I think
Grove and Marymac still have them available. If not, I am SURE
the Canadian companies still have them...

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5894. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-04 06:43:35 UTC
From: David Harpe <david_harpe@mm.cobb.ziff.com>
Message-ID: <CsELCp.M9r@zcias2.ziff.com>
Source record: 272246
Cross-posted to: rec.radio.scanner,rec.autos.sport

In article <2v1o52$h8o@wizard.uark.edu> Peter Laws, plaws@comp..uark.edu writes:
>Yes -- we have a right to listen to anything we choose to on the public
>airwaves, including the portion of the spectrum "sold" to the Cellular
>Telephone Industry Association, but we also have the responsibility to
>KNOW WHEN NOT TO REPEAT WHAT WE HEAR.

Actually, we don't have a right to repeat what we hear.

The Communications Act of 1934 makes it illegal for a third party to disclose the contents of intercepted communications without the permission of the participating parties, or to use intercepted communications for personal gain. Ever wonder why TV and radio stations don't rebroadcast intercepted communications, even though every newsroom in the country is filled with scanners and could easily record them? Because it's a violation of the Communications Act of 1934. If they go to the police department/air traffic control tower/fire department and get the tapes from them, it's okay because then they have permission. Think about that next time you decide to sell that tape you made to the local media, demanding on-air credit for your work. It might result in a complementary visit from some suits with Federal ID cards....

And then of course, there's the whole issue of the ECPA, which makes it illegal even to listen to certain communications.....

Dave Harpe
Computer & Communications Specialist
The Cobb Group
PPSEL

In life, you're either a pilot or a passenger....

5895. Re: USAir says 'NO' to scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-04 11:55:14 UTC
From: dadams@netcom.com
Message-ID: <dadamsCsEzs2.IM5@netcom.com>
Source record: 272248

In article <1994Jun27.211659.17815@alw.nih.gov> weisen@alw.nih.gov (Neil Weisenfeld) writes:
>: The scanner can actually interfere w/navigation and comm systems on board.
>[edited]
>From what I've read, newer planes such as the Airbus A320 and the
>Boeing 777 have computerized flight controls, too.

Yes, they do... it is called Fly By Wire.

> Yeah, messing up navigation would be bad, but sending the
> plane into a nose-dive would be a real bummer.

Well, i'd say any plane that could be downed by the puny
emissions of a scanner should not even be flying at all.

5896. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS

Newsgroup: rec.radio.scanner
Date: 1994-07-04 12:29:34 UTC
From: do321@cleveland.Freenet.Edu
Message-ID: <2v8vbe$5q7@usenet.INS.CWRU.Edu>
Source record: 272249

What the hell does that have to do with scanning?!?!?!!

5897. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS

Newsgroup: rec.radio.scanner
Date: 1994-07-04 12:33:55 UTC
From: vhealey@crl.com
Message-ID: <2v8vjj$ls4@crl2.crl.com>
Source record: 272250

Suck

5898. Malfunctioning Opto model 3300 frequency counter display (how to fix ?)

Newsgroup: rec.radio.scanner
Date: 1994-07-04 14:23:22 UTC
From: mndell@cs.ruu.nl
Message-ID: <CsF6Mz.Iyo@cs.ruu.nl>
Source record: 272251
Cross-posted to: rec.radio.scanner,sci.electronics.repair

When I switch on my model 3300 frequency counter, various functions on the display flash on and of, and the digits first show the upper half then the side and then the bottom at each flash. Apperently there is something wrong with the display. Before this happened the display was a little faint.
Does anyone have any idea what is wrong and how to fix it?

Replies by e-mail.

Mike.

--
M.N. Dell Telephone : +31 3434 56478
P.O. Box 134
3956 ZT Leersum The Netherlands Internet : mndell@cs.ruu.nl
--

5899. Moto 2-way radio Scramble techniques

Newsgroup: rec.radio.scanner
Date: 1994-07-04 16:02:06 UTC
From: daren@morgan.ucs.mun.ca
Message-ID: <daren.9.00100972@morgan.ucs.mun.ca>
Source record: 272150

Here is question that have been trying to get answered for some time.
What scramble techniques are available for the moto 2-way radio system?
Most of the time the unscrambled transmission sounds like it needs to be
tuned and then some other times it is like a patterned clicking sound. From
what I have read in this group and other places, I am inclined to believe that
it is some kind of speech inversion. Are there different types of speech
inversion kits out there? If so, what one would a person need to unscramble
this transmission? What's your opinion?

Daren Janes

5900. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-07-04 16:28:26 UTC
From: fwpcon1@bmerh6ec.bnr.ca
Message-ID: <2v9dba$k8b@bmerha64.bnr.ca>
Source record: 272252
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

In article <MCN4kiubGcc9067yn@access.digex.net>,
andy domonkos <domonkos@access.digex.net> wrote:
>tapping on demand. This is very easily done to all-digital communications
>systems. If you understand network routers and protocol it's easy to
>envision how simple it would be to 're-route' a copy of a target comm
>to where ever you want it to go...

Which is the whole point of end-to-end encryption with exchange of
RSA based public keys in the first place.

--

:!mcr!: Home: mcr@sandelman.ocunix.on.ca
Michael Richardson COCOS: Michael Richardson (x55319)

5901. Re: Cellular

Newsgroup: rec.radio.scanner
Date: 1994-07-04 17:08:55 UTC
From: steven@sgb.oau.org
Message-ID: <CsFEAx.BFG@sgb.oau.org>
Source record: 272254

Silas E. Cheeseman (nbschee@mailserv.nbnet.nb.ca) wrote:
: In article <davion28CsBtsD.IyC@netcom.com> davion28@netcom.com (donell duckett) writes:

: >I have a question about something I heard on the cell band. While in LA I
: >was sitting in my Hotel and I heard a guy and girl talking about getting
: >their phones fixed to get free service for a month my question Is It
: >illegal to hear someone that was using a fix phone to get free service I
: >mean cause their not paying so why should they think what their saying
: >should be private. They were both on cell phone. They also said on the
: >phone were they go to get their phone fixed.

: Two wrongs don't make a right. :-)

Would not be admissable as evidence, neither could they be convicted
of fraud if this were admitted in any proceedings. But, this is an
interesting thought to say the least.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5902. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS

Newsgroup: rec.radio.scanner
Date: 1994-07-04 18:38:28 UTC
From: jthomas@hookup.net
Message-ID: <jthomas.8.2E185723@hookup.net>
Source record: 272253

In article <2v8vjj$ls4@crl2.crl.com> vhealey@crl.com (Victor Healey) writes:
>Path: hookup!news.kei.com!yeshua.marcam.com!usc!elroy.jpl.nasa.gov!decwrl!nntp.crl.com!crl2.crl.com!not-for-mail
>From: vhealey@crl.com (Victor Healey)
>Newsgroups: rec.radio.scanner
>Subject: Re: GAY/LESBIAN/BISEXUAL HOBBYISTS
>Date: 4 Jul 1994 05:33:55 -0700
>Organization: CRL Dialup Internet Access (415) 705-6060 [login: guest]
>Lines: 7
>Message-ID: <2v8vjj$ls4@crl2.crl.com>
>References: <2v8vbe$5q7@usenet.INS.CWRU.Edu>
>NNTP-Posting-Host: crl2.crl.com

No hobbies are safe, watch your step and keep your back to the wall!!

5903. Reno Casino Freq's

Newsgroup: rec.radio.scanner
Date: 1994-07-04 19:46:11 UTC
From: rmcgill@sunstroke.sdsu.edu
Message-ID: <2v9ou3$75u@pandora.sdsu.edu>
Source record: 272255

What are the freq's for the Sands and Circus Circus? Also for the basic

local police. Thanks, my freq book is out of date, otherwise I would look them

up myself

Thanks

5904. rubber duck assortment

Newsgroup: rec.radio.scanner
Date: 1994-07-04 20:08:03 UTC
From: leftla@aol.com
Message-ID: <2v9q73$edk@search01.news.aol.com>
Source record: 272256

I have seen on one of the BBS' that a company sells an assortment of rubber duck antennas, cut to various frequency lengths. Anyone able to give me information, such as price, company name, address, personal experience, etc.
]
Thanks in advance.

5905. Re: Cellular on Non-Cellular channels?

Newsgroup: rec.radio.scanner
Date: 1994-07-04 20:29:10 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773509023@f747.n115.z1>
Source record: 272093

M2> From: media2k@aol.com (Media 2K)
M2>
M2> I have heard that it is possible to receive cellular frequencies (or
M2> any frequencies, for that matter) on non-cellular channels by
M2> entering in an "image" frequency.
M2>
M2> If this is really possible, can someone post some details about this?
M2> I am about to purchase a 2500XLT and do not want to modify it if it
M2> is not necessary.
M2>

Hi, Rudy...well...the 2500 can do the same thing. Just add 400 Mhz to
the cellular freq to get the image. Make sure the radio is set for 5 khz
stepping.
BTW, the mod that I sent you will enable 30 khz stepping in the cellular
region after modification.

Jerry

5906. Re: question about pro-46 mod

Newsgroup: rec.radio.scanner
Date: 1994-07-04 20:33:33 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773509024@f747.n115.z1>
Source record: 272092

-=> Quoting David Fouse to All <=-

DF> From: pianoman@ecst.csuchico.edu (David Fouse)
DF>
DF> hello.. this is my first post, so please don't shoot if i screwed up..
DF>
DF> I did the modification that was posted here to my pro-46. What does
DF> it change? I can pick up cellular frequencies now, but I never tried
DF> before in that range, yet the scanner says that it already could scan
DF> those frequencies. Would I have not been able to get them before?

Hi, David...Well, you made it! So you didn't screw up. <g>

The '46 was not capable of being programmed in the 870 region until the
mod was done. If you want to put everything back the way it was to see
that 870's can't be programmed, be my guest. :)

Jerry

5907. Re:]Mod for RS Pro-20323 sought,

Newsgroup: rec.radio.scanner
Date: 1994-07-04 20:35:55 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773509025@f747.n115.z1>
Source record: 272094

-=> Quoting Dan Schein to All <=-

DS>
DS> In article <771968002@f747.n115.z1>
DS> Jerry.Smith@f747.n115.z1.fidonet.org (Jerry Smith) writes: >
>Product...Realistic PRO-2032 by Radio Shack
>Purpose...Modify for continuous 800 Mhz coverage
> in appropriate 30 Khz steps where applicable
DS>
DS> Thanks Jerry! Its greatly appreciated.

Hi, Dan...No problem! I have a feeling the Internet is acting up at my
node, hence the bounced mail.

Jerry

5908. Second Cell Phone

Newsgroup: rec.radio.scanner
Date: 1994-07-04 21:12:35 UTC
From: dwhansen@panix.com
Message-ID: <2v9u03$kq2@panix.com>
Source record: 272257

Question:

Can a second cell phone be programmed to the same number as my first one? In other words I would have another just like an extention phone in the house. I understand that this is done by criminals and they piggyback onto a subscribers bill without his knowledge. I want to do basically the same thing, but I would be paying for the second phone's calls.

Question 2:

Can a cell phone be made to act as a scanner and receive other traffic on the frequency? Seems to me if I could make the phone just monitor the different channels, I could use it like a receiver.

Thanks... David W. Hansen
dwhansen@panix.com

5909. Re: WTB: Pro-43 & Pro-20

Newsgroup: rec.radio.scanner
Date: 1994-07-04 22:42:00 UTC
From: eddie.imperial@cutting.hou.tx.us
Message-ID: <71.3295.102@cutting.hou.tx.us>
Source record: 272259

I HAVE A PRO-43 THAT CAN GET CELL IF MODIFIED. NEVER USED

EDDIE
713-437-0124
-=> Quoting Danny Banister to All <=-

DB> B> Message-ID: <banister.36.00174CE9@lobby.ti.com>
DB> Newsgroups: rec.radio.scanner
DB> Organization: Texas Instruments

DB> Anyone have a RS PRO-43 and/or RS PRO-2006 for sale? Send info
DB> (model, price, condition, ...etc) to me by E-mail ASAP.

DB> Danny
DB> banister@lobby.ti.com

... Catch the Blue Wave!
___ Blue Wave/QWK v2.12

- Eddie Imperial
Internet : eddie.imperial@cutting.hou.tx.us

5910. getting a frequency list

Newsgroup: rec.radio.scanner
Date: 1994-07-04 23:10:30 UTC
From: rrock@clark.net
Message-ID: <2va4t6$gtk@explorer.clark.net>
Source record: 272258

where can I get a listing of frequencies for the entire state of Maryland?

--
Kerby Hill rrock@clark.net 410-538-4301 if you're with the FCC, you suck
Howard Stern is the only true god of the morning anywhere!!!
compuserve: 73162,536 Don and Mike are the only gods of the afternoon!!!
David Letterman is the only true god of late night television!!!

5911. Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 00:30:02 UTC
From: media2k@aol.com
Message-ID: <2va9ia$hue@search01.news.aol.com>
Source record: 272260

Does anyone know if such a scanner exists that has an alpha-numeric
display that allows one to enter text to be displayed along with
the frequency?

For example, I could enter 465.6250 into a bank and program the
scanner to display "Milpitas PD Channel 1" on the LCD display?

If such scanners exist, could someone please privide me with the make
and model (prefer hand-held units) so I can weigh these models
against
the Bearcat 2500XLT that I'm about to purchase?

I would appreciate any E-MAIL'ed info about this. Thanks!

Rudy A. Willis
Media 2000

5912. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 05:02:29 UTC
From: ligosa@pipeline.com
Message-ID: <2vaph5$ruk@p03.pipeline.com>
Source record: 272261

media2k@aol.com (Media 2K) wrote:

>
>Does anyone know if such a scanner exists that has an
>alpha-numeric display that allows one to enter text to
>be displayed along with the frequency?
>
>For example, I could enter 465.6250 into a bank and
>program the scanner to display "Milpitas PD Channel 1"
>on the LCD display?
>
>If such scanners exist, could someone please privide me
>with the make and model (prefer hand-held units) so I
>can weigh these models against
>the Bearcat 2500XLT that I'm about to purchase?
>
>I would appreciate any E-MAIL'ed info about this.
>Thanks!
>
>Rudy A. Willis
>Media 2000

Hey Rudy,
Check out info on the new AOR AR8000 Hand held.
Your eye's will light up...
seek the info and if you can't find any, Email me and I'll
email some to you.
Good luck

5913. Trip to Sacramento Ca.

Newsgroup: rec.radio.scanner
Date: 1994-07-05 06:24:55 UTC
From: rhino@cruzio.com
Message-ID: <CsGF5L.Mvr@cruzio.com>
Source record: 272262

Later on this month a couple friends and I are going to take Amtrak
from San Jose to Sacramento for a day trip. Mainly what I'm intrested in
is the rail freqs for the trip, but if I could get the major freqs for
PD/FD/SO for the bigger cities along the way it would be gravy.

Thanks in advance...
-Jim Jensen
rhino@cruzio.com
The Santa Cruz Seaside Company doesn't pay me to think.

5914. BC2500XLT For Sale

Newsgroup: rec.radio.scanner
Date: 1994-07-05 07:48:54 UTC
From: nettech@crl.com
Message-ID: <2vb396$t5e@crl.crl.com>
Source record: 272263

This won't last 3 days. I have a new - used once - BC2500XLT for Sale.

I am asking $290 firm plus UPS. Serious only , first come, first sold.

e-mail nettech@crl.com

YES, its modified ! It came that way.
--
Joseph Stroup

5915. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 08:29:58 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.361.00088028@ccm.hf.intel.com>
Source record: 272271

In article <2va9ia$hue@search01.news.aol.com> media2k@aol.com (Media 2K) writes:

>Does anyone know if such a scanner exists that has an alpha-numeric
>display that allows one to enter text to be displayed along with
>the frequency?

The units I can think of are

AOR AR8000
Uniden BC8500
Uniden MR8100 (that one designed for public service)
There was an old Bearcat - 250? 350?
The Yaesu FT-11 is a 2m HT that you can program 5 alpha characters per channel
Didn't the Shinwa scanner have alpha display?

The only one really worth consideration is the AR8000.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5916. Re: Please post MOD for BC 2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-05 08:42:45 UTC
From: shigets@holmes.ece.orst.edu
Message-ID: <2vb6e5INNjmr@flop.ENGR.ORST.EDU>
Source record: 272264

for all mods you might want to check ftp site: oak.oakland.edu
under pub/hamradio/mods/uniden.

this is a reply to the person asking for the BC 2500 mod.

Scott

PS If you can, get a pro43-the 2500 receiver sucks.

5917. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 09:49:45 UTC
From: aubert@netcom.com
Message-ID: <aubertCsGoMx.M2I@netcom.com>
Source record: 272265

You should look at the Bearcat 8500XLT for a base application, or for the mobile, the Uniden MR8100. Both of these radios are not triple conversion so they may pick up unwanted images. If you'd like to get daring, you can get a Radio Shack PRO-2006 and modify it to use with a computer. There are also interfaces for the ICOM R-7000 and R-7100.

5918. HELP (fwd)

Newsgroup: rec.radio.scanner
Date: 1994-07-05 13:39:53 UTC
From: plaws@comp.uark.edu
Message-ID: <Pine.3.89.9407050833.A1256-0100000@comp>
Source record: 272266

A friend of mine delights in poking at the FCC database (the Percon version I think) and came up with this ...

Any help?

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Peter Laws <plaws@comp.uark.edu> |"Let's make sure history never forgets the
n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise" ST:TNG - 1987-1994

---------- Forwarded message ----------
Date: Tue, 5 Jul 94 00:33:00 UTC
From:ka6jcx@genie.geis.com
To: plaws@comp.uark.edu
Subject: HELP

OK -- you hotshots... here is the distribution of the type of transmitters for the state of Arkansas. I am pretty sure MO stands for "mobile" and FB is "fixed base". The question is what are the others, and what are the first 234 in the 1st column? I pulled this data off the regional list.

232 FB2 2444 FCL 53 FXO 1307 MOU 5
R 2 FB2C 1365 FCU 6 FXOC 1 MR 65
BCFC 530 FB2I 6 FLSI 1 FXOT 5 PR 18
BCFE 68 FB2R 6 FLU 2 FXR 2 RLA 6
BCFR 96 FB2S 1 FX 1178 FXT 36 RLB 29
BCS 205 FB2T 16 FX1 2951 ITX 64 RLG 3
BTC 44 FB4 972 FX1C 51 LR 67 RLL 5
BTE 12 FB4C 242 FX1I 5 LRT 2 RLO 2
BTR 58 FB6 423 FX1T 18 MFL 1 RLT 4
CAR 62 FB6C 154 FX2 96 MLP 15 RNV 1
ELT 1 FBA 35 FX3 18 MLR 270 SAR 2
FA 42 FBC 37 FX5 2 MLT 68 TC 1194
FAA 51 FBI 5 FXAB 2 MO 13413 TCR 204
FAB 2 FBMR 10 FXC 4 MO3 12 WDX 4
FAC 5 FBR 129 FXF 157 MO6 7
FAS 1 FBS 11 FXI 6 MOB 2
FAT 5 FBT 29 FXM 3 MOC 7
FB 6410 FC 15 FXN 84 MOI 63

<other stuff deleted>

5919. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 14:35:55 UTC
From: <>
Message-ID: <2vbr4b$rpu@wizard.uark.edu>
Source record: 272267

media2k@aol.com (Media 2K) writes:

>Does anyone know if such a scanner exists that has an alpha-numeric
>display that allows one to enter text to be displayed along with
>the frequency?

Others have posted info about newer units (incl the AOR800 for which I
hope someone will post a report about). There was also a Bearcat 350
that came out in the early '80s.

If someone offers to sell you one, see if you can take it home for a test
drive. Most had *severely* buggy firmware.

Nice idea, nice box, bad execution.

Peter Laws <plaws@comp.uark.edu> |"Let's make sure history never forgets the
n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise" ST:TNG - 1987-1994

5920. Re: Danger The Government Wants You Blind

Newsgroup: rec.radio.scanner
Date: 1994-07-05 14:39:02 UTC
From: domonkos@access.digex.net
Message-ID: <23M6kiubGsNC066yn@access.digex.net>
Source record: 272268

In article <1994Jul3.095821.3081@penrij.UUCP>, John R. Campbell wrote:

> And who says that InterNet routers won't be next?
>
> --
> John R. Campbell soup@penrij.UUCP

Who's to say they aren't already routed?

Andy

5921. Re: Second Cell Phone

Newsgroup: rec.radio.scanner
Date: 1994-07-05 14:39:15 UTC
From: domonkos@access.digex.net
Message-ID: <Q5M6kiubGkg2066yn@access.digex.net>
Source record: 272269

In article <2v9u03$kq2@panix.com>, David Hansen wrote:
> Question:
>
> Can a second cell phone be programmed to the same number as my first
> one? In other words I would have another just like an extention phone in the
> house. I understand that this is done by criminals and they piggyback onto a
> subscribers bill without his knowledge. I want to do basically the same
> thing, but I would be paying for the second phone's calls.
>
Yes it can, but it is illegal due to cellular carrier policies. If you do
program a second phone, ie; your wife's car, and both happen to initiate
or ppick up a call, the cellular carrier's computer will lock out your
number (at least that's what happens here in Maryland).

Andy

5922. PD trying to discourage scanners?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 15:23:55 UTC
From: mconner@rain.atms.purdue.edu
Message-ID: <CsH43v.LvC@mozo.cc.purdue.edu>
Source record: 272270
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Recently I've been hearing some "interference" on the local (Lafayette/Tippecanoe Co IN) 800 MHz trunk that is used for public safety agencies.

At first I thought it was someone trying to jam the police frequencies, but several things make me think otherwise. The noise is a series of squawks, almost like a mike keying on and off a few times. The noise alternates between two of the five repeater output channels. However, it never steps on an existing conversation, and no conversations are ever started on that channel while the beeping is in progress. This makes me think that the controller knows when this is going on and directs the other radios around it. Since conversations do take place on those two channels, you can't lock them out without losing quite a bit of what's going on.

It definitely does discourage scanning, as you either have to lock those channels out or put up with an annoying "squawk squawk squawk" ever 5-10 seconds.

I don't think it's a fault in their radios, as it's been going on for two weeks now and doesn't seem to interfere with their radio traffic. Anyone else heard something similiar on the trunked systems they listen to, or heard of tricks like this to discourage scanner listeners?

--
Mark D. Conner Opinions expressed here are
Dept. of Earth & Atmospheric Sciences not necessarily those of the
Purdue Univ., W. Lafayette IN 47907 Government, DoD, Purdue, or
mconner@rain.atms.purdue.edu the author.

5923. Re: motorola scrambled phone

Newsgroup: rec.radio.scanner
Date: 1994-07-05 15:34:41 UTC
From: CLL002@email.mot.com
Message-ID: <CLL002-050794102758@145.1.23.32>
Source record: 272207

In article <5112@frackit.UUCP>, dave@frackit.UUCP (Dave Ratcliffe) wrote:

> In article <2uoon7$aki@cs.uwp.edu>, ritchie@cs.uwp.edu (Mary Ritchie) writes:
> -
> - I posted this, saw it on the list, yet it isn't there two days later.
> - So waht gives? Is this some kind of moderated list, and my question was
> - out of line?
>
> Never heard of an article expiring from a system I take it.
>
> - I'll try it one more time: what do you scanner people do about
> - the Motorola scrambled phone?
>
> Hit "SCAN" and listen to something else?
>
> --
> Dave Ratcliffe vogon1!frackit!dave@cse.psu.edu
> Harrisburg, Pa.

Actually, I figured out what was going on just by whistling an octave (do, re, mi, fa...) into my phone while the phone is in secure mode. What you will hear on the other end is (do, ti, la, so...). Something's getting inverted and it shouldn't be that tough to invert it back.

I have absolutely nothing to do with the product group who develops the phone - my findings are just me putsying around with my phone at home. Of all the cordless phones I've owned, the Motorola cordless is the best. Too bad my opinion probably doesn't carry much weight since I work for Moto.

Luke Lin | I didn't do it | Internet:lukel@ecs.comm.mot.com
ITT Tools, LMPS | Nobody saw me do it | Right Thing,Right Way
Motorola | You can't prove | G. Kawasaki
Schaumburg, IL | anything B. Simpson | Right Tool,Right Process L. Lin

---

5924. Re: PD trying to discourage scanners?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 16:41:02 UTC
From: wwhitby@aol.com
Message-ID: <2vc2eu$2s3@search01.news.aol.com>
Source record: 272274

In article <CsH43v.LvC@mozo.cc.purdue.edu>,
mconner@rain.atms.purdue.edu (Mark D. Conner) writes:

I don't have much experience monitoring 800 mHz public safety
communications, but I have heard that some systems employ
"anti-scanner" tones after transmissions to discourage monitoring.

73s de KE4ITL
Warren Whitby
wwhitby@aol.com

5925. Re: New Pro-43 can't be moded?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 16:42:46 UTC
From: cab@col.hp.com
Message-ID: <2vc2i6$eso@hp-col.col.hp.com>
Source record: 272272
Cross-posted to: rec.radio.scanner,alt.radio.scanner

> This is the stuff on the label on the back of my Pro43:
>
> Model No: 20-300
> FCC ID: AA020-300A
> S. No. A003974
>
> I purchased it from a Radio Shack in San Francisco on July 2nd.

I suspect that you have the A model:

My FCC ID is AA020-300, yours has an extra A.
My SN is 064658, yours has an extra A.
Your SN is kind of low for a July purchase (I got mine from Katy in
Feb or so, and look how high it is). This could just mean yours is
really old (and therefore OK), but it could also indicate that they've
reset the SN counter lately. And it's doubtful that the RS you got
it from had THAT many in stock.

If you do have an A model, it's interesting that they didn't change the
model number.

5926. Re: PD trying to discourage scanners?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 16:47:25 UTC
From: roshaugh@oucsace.cs.ohiou.edu
Message-ID: <CsH7z2.4w5@oucsace.cs.ohiou.edu>
Source record: 272177
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <CsH43v.LvC@mozo.cc.purdue.edu> mconner@rain.atms.purdue.edu (Mark D. Conner) writes:
>Recently I've been hearing some "interference" on the local
>(Lafayette/Tippecanoe Co IN) 800 MHz trunk that is used for public
>safety agencies.
>
>At first I thought it was someone trying to jam the police
>frequencies, but several things make me think otherwise. The noise is
>a series of squawks, almost like a mike keying on and off a few times.
>The noise alternates between two of the five repeater output channels.
>However, it never steps on an existing conversation, and no
>conversations are ever started on that channel while the beeping is in
>progress. This makes me think that the controller knows when this is
>going on and directs the other radios around it. Since conversations
>do take place on those two channels, you can't lock them out without
>losing quite a bit of what's going on.

I've heard of similiar things happening with motorola trunk
systems. Some of them have the ablility to "beep" a little tune on a
channel after the conversation trunks, keeping your scanner from scanning.
I luckily only have to deal with Columbus' roaming data channel.

Bob

5927. Re: Second Cell Phone

Newsgroup: rec.radio.scanner
Date: 1994-07-05 16:51:02 UTC
From: dave@rsd.dl.nec.com
Message-ID: <1994Jul5.165102.21350@rsd.dl.nec.com>
Source record: 272180

In article <Q5M6kiubGkg2066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:
>In article <2v9u03$kq2@panix.com>, David Hansen wrote:
>> Question:
>>
>> Can a second cell phone be programmed to the same number as my first
>> one? In other words I would have another just like an extention phone in the
>> house. I understand that this is done by criminals and they piggyback onto a
>> subscribers bill without his knowledge. I want to do basically the same
>> thing, but I would be paying for the second phone's calls.
>>
>Yes it can, but it is illegal due to cellular carrier policies. If you do
>program a second phone, ie; your wife's car, and both happen to initiate
>or ppick up a call, the cellular carrier's computer will lock out your
>number (at least that's what happens here in Maryland).

Southwestern Bell Mobile Systems offers this a an extra cost service.
First fone to pick up an incomming call gets it. Both fones can be used
to originate calls at the same time.

dave

5928. freq of cordless freq NEEDED

Newsgroup: rec.radio.scanner
Date: 1994-07-05 16:58:43 UTC
From: tatsuya@zuni.math.byu.edu
Message-ID: <2vc3g3$1kb@hamblin.math.byu.edu>
Source record: 272273

Could someone please, please e-mail me the freq of base to handset, NOT
hand set to base, freq.

thnx
tatsuya

5929. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 17:06:02 UTC
From: media2k@aol.com
Message-ID: <2vc3tq$359@search01.news.aol.com>
Source record: 272178

In article <2vbr4b$rpu@wizard.uark.edu>, plaws@comp..uark.edu (Peter Laws) writes:

Others have posted info about newer units (incl the AOR800 for which I
hope someone will post a report about):

Here's what I found in my mailbox. I spoke to someone at Scanner's Unlimited this morning and this unit should ship sometime this month, with an expected price of $800 US.
++
+++
The AR8000 is the result of AOR's long term ambition to produce a new breed
of radio receiver which combined full computer compatibility with advanced
wide-band radio receiver technology. With the introduction of the new AR8000, AOR have broken the mould of conventional radio receiver design.

At first glance the AR8000 in its static form may look no different to any
modern hand-held scanning receiver, but the similarity ends there...just as
soon as the receiver is switched on!! Initially you are greeted with the
opening welcome message on the AR8000 multi-function liquid crystal display
"WELCOME TO THE WORLD OF AR8000 RECEIVER", in a similar way to a sign on
message displayed by your personal computer. This new experience immediately
demonstrates to the new user and discerning radio listener that the AR8000
is no ordinary radio but THE NEW CONCEPT in radio design. The modern new
cabinet design measures approx. 152mm (h) x 69mm (d) x 40mm (w) excluding
projections and weighing only 350g including NiCads (but not aerial).

The AR8000 is a highly sensitive hand-held receiver boasting a very wide
frequency coverage of 500KHz to 1900MHz without gaps in the range (actual
acceptable frequency input from 100KHz). Step size is programmable in

multiples of 50Hz for smooth tuning. The all mode reception provides AM,USB,LSB,CW,NFM and WFM. As you might expect from a radio receiver of this calibre, an independent 2.0KHz SSB filter is fitted as standard and the USB/LSB modes use true carrier re-insertion with correctly calibrated frequency read-out (not offset by 1.KHz). A custom manufactured ferrite bat aerial is neatly installed at the top of the receivers cabinet to enhance receive performance when listening in population centres to Medium Wave services or when commentary is provided at aishows and motor sport events.

The highly visibility LCD is of a new dot matrix format which enables many

new facilities to be used, many of which have never been seen before especially on a hand held design. Two VFO frequencies may be displayed on the LCD simultaneously, one providing a stand by frequency available for quick transfer (similar to commercial aviation built-in radio transceivers. When frequencies are entered, ALPHANUMERIC comments may be stored along with frequency, mode & attenuator status simplifying the job or recalling and identifying memory channels.

The LCD provides four lines of display so that additional facilities may be provided and displayed at the same time, these include a signal strength bar meter and a band-scope showing band occupancy.

The AR8000 is equipped with almost every conceivable operating feature but operation remains easy thanks to a massive new microprocessor. A total of 1000 memory channels are provided which are divided into 20 banks, each having 50 channels. AOR have chosen to allocate 50 channels per memory bank (rather than the more conventional 100) based on findings that most radio listeners prefer fewer channels per bank but more banks for simplified operation. The AR8000 will search and scan at a very respectable (and fast)

maximum speed of approximately 30 increments per second. You may even
enter
"special" frequencies into memory banks where they may only be
recalled by
entering a user definable "PASSWORD"....this will stop preying eyes.

5930. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 17:07:05 UTC
From: media2k@aol.com
Message-ID: <2vc3vp$35p@search01.news.aol.com>
Source record: 272179

In article <2vbr4b$rpu@wizard.uark.edu>, plaws@comp..uark.edu (Peter Laws) writes:

AR800 CONTINUED:

The AR8000 is truly a button pushers delight but operation need not be
difficult. As well as a comprehensively illustrated operating manual and UK
quick reference guide, the AR8000 has two operating modes: NEWUSER and
EXPERT. As already mentioned, the multi-function LCD provides many new
facilities but the receiver has a few more tricks up it's sleeve. Not only
can you connect the AR8000 to an external computer for remote control, you
may connect two AR8000 receivers back-to-back so that data may be copied
from one to another (small interface required for remote data access). There
are a variety of scan/search commands to link banks, scan by mode,
programmable delay scan, priority, auto memory store, step offset and a
programmable power save circuit to increase duration of operation from the
NiCads.

The mechanical assembly of the AR8000 will be a sheer revelation to any
radio engineer. Surface mount technology has been employed throughout the
receiver which is constructed of plug in modules. This will ensure the
highest levels of performance, reliability and serviceability. The AR8000
will certainly stand out in a constructional beauty contest. Keypad
illumination extends to the side panel keys and may be switched in a number
of ways. Illumination "permanently on" for mobile operation is possible. A
specially selected heavy duty regulator has been fitted to ensure the
receiver will continue to operate reliably even with the illumination
permanently selected.

MAIN FEATURES
Frequency coverage 500KHz - 1900MHz
All mode reception AM, NFM, WFM, USB, LSB & CW
True carrier re-insertion and specific SSB filter with non offset readout
1000 memory channels
20 search banks
Priority Channel
Frequency Pass
Rotary Tuning Dial
Step sizes programmable between 50Hz - 999KHz in 50Hz steps
Scan & Search speed up to 30 increments per second

Signal Strength meter
Band Scope
Backlit LCD , Keypad & side panel
Battery save facility
Separate controls for volume, squelch & dial
Attenuator
Keypad Beep on/Off
Keypad Lock
Top panel 3.5mm earphone socket
Monitor switch
Password protected banks
Programmable Scan & Search including Free, Delay, Auto, Level & Mode Select Scan List
Clone (Copy) Data facility between two AR8000
Computer Control
Tape Output
EEPROM memory backup (no battery required)
Supplied with NiCads, charger, Hand Strap, Belt Hook & screws, earphone,
seem flexible aerial, DC lead with cigar plug
Comprehensive operating manual with over 50 illustrations & quick reference

SPECIFICATIONS
Frequency Range: 500KHz - 1900MHz

Receive Mode: AM, NFM, WFM, USB, LSB & CW

Step Size: 50, 100, 200, 500Hz, 1, 2, 5, 6.25, 9, 10, 12.5, 20, 25, 30, 50,
100, 200, 250, 500KHz or any multiple of 50Hz upto 999KHz

Sensitivity: 500KHz - 2MHz
SSB by field signal strength
AM by field signal strength

2MHz - 30MHz
SSB 1.0uV
AM 3.0uV
NFM 1.5uV

30MHz - 1.3GHz
SSB 0.25uV
AM 1.0uV
NFM 0.35uV
WFM 1.0uV

1.0GHz - 1.3GHz
NFM 1.0uV

1.3GHz - 1.9GHz
NFM 3.0uV
AM/SSB S/N 10db
NFM/WFM SINAD 12dB

Selectivity SSB 2.0KHz (-6dB) 7.5KHz (-50dB)
AM/NFM 12KHz (-6dB) 25KHz (-60dB)
WFM 180KHz (-6dB) 800KHz (-50dB)

Antenna Impedance 50 Ohm
AF Output (4.8V) 120mW (8 Ohm)
Power requirements: 4.8v NiCad / 6.0V Maganese / 9 - 16V DC external
Consumption: 150mA (nominal), 100mA (stand by), 20mA (Save)

Memory Channels: 50 channels x 20 banks = 1000
Pass Channel : 50 channels x 20 banks = 1000
Scan/Search Speed: Approx 30ch/per sec

5931. MOD WANTED: bearcat 200xlt

Newsgroup: rec.radio.scanner
Date: 1994-07-05 17:09:50 UTC
From: tatsuya@zuni.math.byu.edu
Message-ID: <2vc44u$1vf@hamblin.math.byu.edu>
Source record: 272175

I have bought the rig, used of course.. my serial # is 2504***.
According to him, he purchasced the rig earlier in ths year.

I would like know if anyone can tell me anything about mod on this rig.

thnx
tatsuya

5932. Re: New Pro-43 can't be moded?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 17:18:08 UTC
From: thomas@venice.sedd.trw.com
Message-ID: <1994Jul5.171808.16878@venice.sedd.trw.com>
Source record: 272176
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <CsEELt.6Kp@sgb.oau.org> steven@sgb.oau.org (Steven Bradley) writes:
>Gary Ross (ROSS@NOVAX.LLNL.GOV) wrote:
>: In article <atomCsCHG6.Ao9@netcom.com>, atom@netcom.com (Allen Tom) wrote:
>: >
>: > I just bought a RS Pro-43, and I noticed that the FCC ID is AA020-300A
>: > which differs from the old ID # which didn't have the A at the end.
>: > Does this mean that this Pro43 can't be modified for cellular?
>: >
>: > Please reply ASAP because if I can't modify it, I want to return it.
>: >
>
>
>: Is the model # 20-300A? If so, the A model is not restorable. Where did you
>: buy it?
>
> If you return it, be sure and tell them the reason is because it
> can not be modified for cellular. We want them to know we will
> not buy unmodifiable -or- difficult to modify scanners. I think
> Grove and Marymac still have them available. If not, I am SURE
> the Canadian companies still have them...
>

Marymac is now distributing PRO-43's with the "A" version FCC ID. Received
one from them last week.

Rob

5933. ANTENNA

Newsgroup: rec.radio.scanner
Date: 1994-07-05 17:19:00 UTC
From: randy.true@cccbbs.cincinnati.oh.us
Message-ID: <494.573.uupcb@cccbbs.cincinnati.oh.us>
Source record: 272205

Has anyone used or had any experiance with an antenna from Nevada
Communications called "Scanmaster Base"? I saw it advertised in "Shortwave
Magazine".

Thanx,
Randy

... Catch the Blue Wave!
___ Blue Wave/QWK v2.12

5934. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-05 18:00:46 UTC
From: mrosneck@wv.mentorg.com
Message-ID: <2vc74e$24l@hpcan240.mentorg.com>
Source record: 272194
Cross-posted to: rec.radio.scanner,rec.autos.sport

In article <2uuttc$jmq@strauss.udel.edu>, kmorrill@strauss.udel.edu
(Kenneth J Morrill) writes:
|> In article <2uurrc$jhf@corpgate.rich.nt.com>,
|> Brad Glidewell <brad.glidewell@nt.com> wrote:
|>
|> >I'm not sure why this is an issue.
|> >If my loved one was hurt, I'd want to know
|> >ASAP what was happening. What am I missing here?
|>
|> I'm glad that you asked this, Brad. I thought that even emergency
|> room physicians brief close relatives rather completely, at least
|> to allay fears for the worst.
|>
|> Could the previous posters please amplify the rationale of their
|> support of protectiveness?
|>
|> Please help us see more clearly how your stance is the best one for
|> the people involved.
|>
|> I think that this matter has wide implications for other accident
|> scenes, and I would like to know which approach to take.
|>
|>
|> --
|> Ken Morrill <kmorrill@strauss.udel.edu>

To recap, briefly, I was at a local racetrack when a driver was killed.
I was also sitting in an area where a number of the drivers' families
sit.

What I heard on the scanner was a lot of requests for various types of
aid and assistance. It turned out that some of the information I heard
was inaccurate. Some were opinions from the people on the scene
about how they should deal with the emergency. These opinions could have
been accurate or inaccurate -- I don't know. The point is, I suppose,
what I was hearing was not "information." It was a lot of random radio
traffic.

To take a hypothetical situation:
If someone on the track had said on the radio that the driver was dead
and I had repeated it, I might have been the one to inform someone of the
death of a loved one. And it could have been wrong! I'd rather not be in this
position. The track had a good emergency plan in place and I think it was best
to let them execute their plan and deal with the situation. (In the incident

I witnessed, the driver's condition was never described on the radio to my knowledge.)

From my perspective, having "inside" information has the potential to take you from being a "spectator" to a "participant" in such a manner that you could possibly influence how the event unfolds. It seems to me that you accept a certain amount of responsibility if you decide to "participate."

Mark

mark_rosneck@mentorg.com

5935. Re: Danger The Government Wants You Blind

Newsgroup: rec.radio.scanner
Date: 1994-07-05 18:09:42 UTC
From: josephl@clark.net
Message-ID: <2vc7l6$ldp@clarknet.clark.net>
Source record: 272181

Andy Domonkos (domonkos@access.digex.net) wrote:
: In article <1994Jul3.095821.3081@penrij.UUCP>, John R. Campbell wrote:

: > And who says that InterNet routers won't be next?
: >
: > --
: > John R. Campbell soup@penrij.UUCP

: Who's to say they aren't already routed?

: Andy

It has. We are reading them in real time and counting.

5936. Re: PD trying to discourage scanners?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 18:17:10 UTC
From: rausch@cig.mot.com
Message-ID: <2vc836$j42@delphinium.cig.mot.com>
Source record: 272220
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <CsH43v.LvC@mozo.cc.purdue.edu>, mconner@rain.atms.purdue.edu (Mark D. Conner) writes:
|> Recently I've been hearing some "interference" on the local
|> (Lafayette/Tippecanoe Co IN) 800 MHz trunk that is used for public
|> safety agencies.
|>
|> At first I thought it was someone trying to jam the police
|> frequencies, but several things make me think otherwise. The noise is
|> a series of squawks, almost like a mike keying on and off a few times.
|> The noise alternates between two of the five repeater output channels.
|> However, it never steps on an existing conversation, and no
|> conversations are ever started on that channel while the beeping is in
|> progress. This makes me think that the controller knows when this is
|> going on and directs the other radios around it. Since conversations
|> do take place on those two channels, you can't lock them out without
|> losing quite a bit of what's going on.
|>
|> It definitely does discourage scanning, as you either have to lock
|> those channels out or put up with an annoying "squawk squawk squawk"
|> ever 5-10 seconds.
|>
|> I don't think it's a fault in their radios, as it's been going on for
|> two weeks now and doesn't seem to interfere with their radio traffic.
|> Anyone else heard something similiar on the trunked systems they
|> listen to, or heard of tricks like this to discourage scanner
|> listeners?
|>
|> --
|> Mark D. Conner Opinions expressed here are
|> Dept. of Earth & Atmospheric Sciences not necessarily those of the
|> Purdue Univ., W. Lafayette IN 47907 Government, DoD, Purdue, or
|> mconner@rain.atms.purdue.edu the author.

The "squawking" or tones or even music is deliberate. It causes your scanner to stay on the current frequency while the conversation moves to another frequency. By time the "squawking" stops and your scanner resumes scanning you have missed that "great bit of juicy informantion"
--

David R. Rausch /\ /\ Motorola Cellular Infrastructure
/ \/ \ 1501 W. Shure Dr. Suite 3223B
rausch@cig.mot.com / \ Arlington Heights, Ill 60004

5937. Re: PD trying to discourage scanners?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 18:24:38 UTC
From: lrk@netcom.com
Message-ID: <lrkCsHCH2.5CC@netcom.com>
Source record: 272190
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <CsH43v.LvC@mozo.cc.purdue.edu>,
Mark D. Conner <mconner@rain.atms.purdue.edu> wrote:
>Recently I've been hearing some "interference" on the local
>(Lafayette/Tippecanoe Co IN) 800 MHz trunk that is used for public
>safety agencies.
>
>At first I thought it was someone trying to jam the police
>frequencies, but several things make me think otherwise. The noise is
>a series of squawks, almost like a mike keying on and off a few times.
>The noise alternates between two of the five repeater output channels.
>However, it never steps on an existing conversation, and no
>conversations are ever started on that channel while the beeping is in
>progress. This makes me think that the controller knows when this is
>going on and directs the other radios around it. Since conversations
>do take place on those two channels, you can't lock them out without
>losing quite a bit of what's going on.
>
>It definitely does discourage scanning, as you either have to lock
>those channels out or put up with an annoying "squawk squawk squawk"
>ever 5-10 seconds.
>
>I don't think it's a fault in their radios, as it's been going on for
>two weeks now and doesn't seem to interfere with their radio traffic.
>Anyone else heard something similiar on the trunked systems they
>listen to, or heard of tricks like this to discourage scanner
>listeners?
>
Some of the trunked systems here have data users. Some may be system
status but most are things like the water dept telemetry. Motorola
scrambling sounds like white noise. It could be some add-on scrambler
but I'd suspect data.

GE systems are rumored to do things specifically to discourage scanners
but the musical tones disapeared from all three systems here at the same
time. Now it's repeater hang-time and data.

-- --
| 73, internet | lrk@k5qwb.lonestar.org |
| Lyn Kennedy | lrk@wb5nrn.cirr.com |
| pony express = P.O. Box 5133, Ovilla, TX, USA 75154 |
---Livin' on an information dirt road a few miles off the superhighway---

5938. scancat/scanstar

Newsgroup: rec.radio.scanner
Date: 1994-07-05 18:26:27 UTC
From: edfxo@huber.com
Message-ID: <2vc8kj$1j9v@muddy.huber.com>
Source record: 272200

has anyone used both scancat pro and scanstar pro?? i am interested in using it with a 2006 and os456.
i would appreciate comments on either program, and opinions on which is superior.

thanks,

frank

5939. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 18:27:46 UTC
From: <>
Message-ID: <2vc8n2$pg@wizard.uark.edu>
Source record: 272186

media2k@aol.com (Media 2K) writes:

>In article <2vbr4b$rpu@wizard.uark.edu>, plaws@comp..uark.edu (Peter
>Laws) writes:

>AR800 CONTINUED:

We have customs on UseNet. One of them is ensuring that quotes are
correctly attributed. I did not write this.

Peter Laws <plaws@comp.uark.edu> |"Let's make sure history never forgets the
n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise" ST:TNG - 1987-1994

5940. FOR SALE: Pro 2001 Scanne

Newsgroup: rec.radio.scanner
Date: 1994-07-05 18:33:00 UTC
From: rich.wiesen@woodybbs.com
Message-ID: <93.244.7592.0NFB2B32@woodybbs.com>
Source record: 272130

Wellllll, I miht be interested, two questions...

Where is Coram, NY
How much $$$$$$ for the radio ?

TOO BAD I CAN"T SPELL.....
---
* Origin: Radio FREQS' Latham, NY (518) 782-0507 (1:267/103)

5941. No-code Technician licens

Newsgroup: rec.radio.scanner
Date: 1994-07-05 18:34:00 UTC
From: rich.wiesen@woodybbs.com
Message-ID: <93.245.7592.0NFB2B33@woodybbs.com>
Source record: 272131

```
Call 1-800-NEWHAMS, they will take care of you
---
* Origin: Radio FREQS' Latham, NY (518) 782-0507 (1:267/103)
```

5942. Re: PD trying to discourage scanners?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 18:47:28 UTC
From: <>
Message-ID: <2vc9s0$t1@wizard.uark.edu>
Source record: 272187
Cross-posted to: rec.radio.scanner,alt.radio.scanner

mconner@rain.atms.purdue.edu (Mark D. Conner) writes:

>Recently I've been hearing some "interference" on the local
>(Lafayette/Tippecanoe Co IN) 800 MHz trunk that is used for public
>safety agencies.

>At first I thought it was someone trying to jam the police

I can think of two things:

1) Your county has a GE or (ugh) EFJohnson trunking system and not a BatWing. Since I've never been exposed to the former (thank the scanner gods) and I have only 10-year-old end-user experience with the latter I'll let others comment.

2) You have a BatWing and they have set the system so that the 3600 bit/s handshake channel rotates quite often. It is sysadmin-definable as are most of the settings.

Brian Kantor posted some nice details about trunking systems 2 years ago (when this was a bad-ass, renegade group known as alt.radio.scanner). I guess I could post the article again ... I saved it.

BTW, is there anyone that would like to compare notes about Motorola Smartone trunk systems? Arkansas SP has one and there is one in <directional> Carolina. Does your state have a trunk system that has a fixed control channel?? Then you have a Smartone...

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Peter Laws <plaws@comp.uark.edu> |"Let's make sure history never forgets the
n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise" ST:TNG - 1987-1994

5943. Re: ICOM R-1 Receive Problem

Newsgroup: rec.radio.scanner
Date: 1994-07-05 18:55:42 UTC
From: magnet@nRCHs022
Message-ID: <2vcabe$b8o@corpgate.rich.nt.com>
Source record: 272189

Kevin Martinez (lps@rahul.net) wrote:
|billn@hpcvaac.cv.hp.com (bill nelson) writes:

|They are sensitive to overload. I keep a 50 ohm BNC scope type terminator
|to help in some situations. (It does look like a ethernet port with no
|antenna...)
|--
|--
| Kevin Martinez lps@rahul.net Member of the Julie Kangas Fan Club
| Work: 1 800 50 SATAN Home: 1 510 676 1111
|--

Could you explain how you use this? Just attach the terminator with no
antena?

--
brad.glidewell@nt.com
/>
/<
[\\\\\\(0):::<=====================================-
\<
\>

5944. United Airlines Scanner Policy?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 19:10:33 UTC
From: aplew@pipeline.com
Message-ID: <2vcb79$5uq@p03.pipeline.com>
Source record: 272193

Anybody know if United Airlines has a policy on using Scanners
aboard their aircraft? -Tony
aplew@pipeline.com

5945. overheard on scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-05 19:36:00 UTC
From: hightech@mv.mv.com
Message-ID: <CsHFs1.1q2@mv.mv.com>
Source record: 272191

Local police were chasing subjects that bailed out of a stolen car......

Unit 32..unit 32 which side of the river are you on?

I'm in the river....

Yeah but which side....

Like I said I'm IN the river...

You'll get an "atta boy" for this one.....

Yeah right, no raise, just an "atta boy"!

They did end up apprehending the subjects...

5946. Re: United Airlines Scanner Policy?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 19:46:03 UTC
From: pas@cc.gatech.edu
Message-ID: <2vcd9r$960@gaia.cc.gatech.edu>
Source record: 272192

Anthony Lew <aplew@pipeline.com> wrote:
>Anybody know if United Airlines has a policy on using Scanners
>aboard their aircraft? -Tony

Yes, they do. Scanners are not allowed at any time during the flight.
However, if you wish to listen to Air Traffic Control, ask the captain
to patch the ATC audio to the entertainment system. They will usually
gladly put it on channel 9. Just plug in the headphones and listen.

Paulo
--
+---+
____ _ | Paulo Santos Email: pas@cc.gatech.edu |
|____o,___/ ____| College of Computing |
([_________-\' | Georgia Tech Voice: +1 404 853-9393 |
| o' | Atlanta GA 30332-0280, USA Fax: +1 404 853-0673 |
+---+

5947. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-05 19:48:23 UTC
From: glyle@lynda.seas.ucla.edu
Message-ID: <1994Jul5.194823.1869@enterprise.rdd.lmsc.lockheed.com>
Source record: 272196
Cross-posted to: rec.radio.scanner,rec.autos.sport

In article <2v1o52$h8o@wizard.uark.edu>, plaws@comp..uark.edu (Peter Laws) writes:
|> kmorrill@strauss.udel.edu (Kenneth J Morrill) writes:
|>
|> >In article <2uurrc$jhf@corpgate.rich.nt.com>,
|> >Brad Glidewell <brad.glidewell@nt.com> wrote:
|>
|> >>I'm not sure why this is an issue.
|> >>If my loved one was hurt, I'd want to know
|> >>ASAP what was happening. What am I missing here?
|>
|> >I'm glad that you asked this, Brad. I thought that even emergency
|> >room physicians brief close relatives rather completely, at least
|> >to allay fears for the worst.
|>
|> <sigh>
|>
|> When an Emergency Physician (or other health care provider for that
|> matter) informs a family member of the patient's condition, it is only
|> when A) they are fairly certain of what is going on (not the prognosis,
|> but at least what has happened and what the known injuries are) and B) the
|> family member is in a position to be cared for should they not take the
|> news well.
|>
|> I think that most thinking people will see the obvious differences between
|> an Emergency Physician giving news to family in a hospital and a
|> scannergeek turning up the volume on his "sportcat" just as the EMTs tell
|> the incident commander that the patient's not viable due to massive head
|> trauma.
|>
|>
|> Yes -- we have a right to listen to anything we choose to on the public
|> airwaves, including the portion of the spectrum "sold" to the Cellular
|> Telephone Industry Association, but we also have the responsibility to
|> KNOW WHEN NOT TO REPEAT WHAT WE HEAR.

How can we hold the scannergeek responsible when even NBC, CBS, CNN,
ABC, etc. can't keep their mouths shut about anything. Examples?
How about CNN from Baghdad? Or OJ's parade? The public wants their
info fast and unfiltered. That's why the networks are so loose-lipped
and why communications workers at events have become so cryptic and
"tight" with information.

George

5948. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-05 20:19:17 UTC
From: welty@caph.crd.ge.com
Message-ID: <CsHHs5.EJC@crdnns.crd.ge.com>
Source record: 272195
Cross-posted to: rec.radio.scanner,rec.autos.sport

In article <2JUL199423570288@jetson.uh.edu> st1hg@jetson.uh.edu (Mac) writes:
* AT every major race that I have ever worked in emergency services
*or crash rescue we have a very detailed disaster plan. Which includes code
*words to describe a drivers physical condition. Most of our personnel
*know not to give out information over the airwaves.

i got an insight into this Monday at the Formula Ford Festival at LRP.
one of the Ford drivers got into the tire wall hard, and the decision was
made to send him to the hospital as a precautionary measure (he wasn't
seriously injured, but definitely a bit out of it.) i had just done the
post accident examination of the car, and was talking to one of the
stewards when the decision was made to send the driver out. the steward
told me that his bell had been "rung pretty hard", and i suggested that
i felt sorry for the mechanic who was starting to work at fixing the
car (a rear corner had been taken off; they had the spares and it was
possible to get it together before the race later that day.) i allowed
as how i might go tell him not to work his but off, and the steward
quite properly informed me that i couldn't possibly do that because i
didn't know that the driver had been sent out. in other words, the
steward wasn't even supposed to tell me, a scrutineer, what was going
on -- he did so because he knew that i wouldn't blab if told not to,
and i certainly kept my mouth shut after that.

richard
--
richard welty 518-393-7228 welty@balltown.cma.com
"USAC is the most intelligent, thoughtful, organized, competent race
sanctioning body in the world, and I'm the second coming of Christ."
-- Peter Olivola

5949. TV FREQUENCIES..

Newsgroup: rec.radio.scanner
Date: 1994-07-05 20:36:00 UTC
From: john.tant@exchange.com
Message-ID: <2d.8347.603.0N8508F3@exchange.com>
Source record: 272222

>>Message-ID: <2v27ic$fl8@samba.oit.unc.edu>
>Newsgroup: rec.radio.scanner,alt.radio.scanner
>Organization: University of North Carolina Extended Bulletin Board Servic

>I'm curious to know where I could find television station frequencies on
>the scanner. Does anyone know?

>I assume that since TVs can pick up stations from an antenna, you could
>pick up the audio the same way.
>--

Jon,

Okay, here goes:

VHF 2-6
start with channel 2 on 59.75 MHz, then up in 6 MHz steps

VHF 7-13
start with channel 7 on 179.75 MHz, then up in 6 MHz steps

UHF 14 - cellular
start with channel 14 on 475.75 MHz, then up in 6 MHz steps

Enjoy,

John

btw: Unless you have something like a Pro-200x, most RatShak stuff won't
pick them up. Get yourself an Icom, an AOR or a 200x.

---
* WR # 365 * Let slip the tags of war!

5950. Help! Frequencies for Delaware (Rehoboth) needed!

Newsgroup: rec.radio.scanner
Date: 1994-07-05 20:52:49 UTC
From: wlhadley@cheetah.mitre.org
Message-ID: <2vch71$5rg@newsflash.mitre.org>
Source record: 272197
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hello all! I will be going to Delaware (Rehoboth Beach) next week and would appreciate if a few of you would send me frequencies for that area (or Delaware in general).

Also, does anyone know whether it is illegal to use a scanner in your car in Maryland or Delaware?

Thanks in advance! I'll post a summary of what I receive.
Bill Hadley
wlhadley@mitre.org

--

****
* William L. Hadley NASPAC System and Network Administrator *
* The MITRE Corporation 703-883-5446 *
* 7525 Colshire Drive, MS W291 Internet: wlhadley@mitre.org *
* McLean, Virginia 22102-3481 UUCP: linus!mitre.org!wlhadley *
****
* My opinions! Do you hear? MINE!!!! *
****

5951. Re: getting a frequency list

Newsgroup: rec.radio.scanner
Date: 1994-07-05 21:13:01 UTC
From: jdennis1@aol.com
Message-ID: <2vcict$685@search01.news.aol.com>
Source record: 272198

In article <2va4t6$gtk@explorer.clark.net>, rrock@clark.net (Kerby Hill) writes:

The Radio Shack "Police Call Radio Guide" has served well for many years. Volume 2 covers Delaware, Maryland, New Jersey & Pennsylvania. "Available at all Radio Shack stores."

5952. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-07-05 21:41:09 UTC
From: tomiii@mtu.edu
Message-ID: <2vck1l$555@bambam.cts.mtu.edu>
Source record: 272199

Victor Healey (vhealey@crl.com) wrote:
>
>Jeff I agree. Radio shack tends to employ folks little more then the
>street people that salvage the dumpsters behind the grocery stores. I
>never trust anything they have to say of a technical nature and seldom
>trust them to even know what radio shack currently sells.
>
>As they say others mileage may differ but I bet not by much!
>

I tried to get a summer job at Radio Shack about 8 years ago. During
the interview (after some AI program on a Tandy told the interviewer
that I wasn't the type of person who would take drugs or steal from the
till) I was told that I was "overqualified." The guy went on to say
that he didn't want to hire me because "If someone walked in wanting
to buy a new stereo because his made static every time he turned the
volume knob, You would suggest he try a $0.50 potentiometer first to see
if that fixes the problem." The guy then said everything was based on
commission, and it's better to sell a big stereo than some dumb little
part. Maybe that's why the people that work there will say anything
to get a nice big commission on a scanner...

Tom.III

Thomas Dwyer III Email: tomiii@mtu.edu
Systems Programmer Voice: (906) 487-2112
Computing Technology Services Fax: (906) 487-2787
Michigan Technological University VHF/UHF: N8MHF

5953. Trunking tidbits - I

Newsgroup: rec.radio.scanner
Date: 1994-07-05 22:00:40 UTC
From: <>
Message-ID: <2vcl68$2d5@wizard.uark.edu>
Source record: 272202

Brian Kantor posted this back in 1992 and I thought it was good enough to save. Now seems to be a good time to repost it. (I even asked for and received his permission :)

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Peter Laws <plaws@comp.uark.edu> |"Let's make sure history never forgets the
n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise" ST:TNG - 1987-1994

From: brian@ucsd.edu (Brian Kantor)
Newsgroups: rec.radio.amateur.misc
Subject: Re: How does 'Trunked radio' work?
Date: 15 Jun 1992 04:30:37 GMT
Message-ID: <11h6ddINNkee@network.ucsd.edu>
References: <1992Jun13.233118.12067@ica.philips.nl>

There are several kinds of trunked radio systems; I'll describe the Motorola one since that's the kind I was trained on several years ago. The others aren't too different, I'm told.

Typically there are at least 4 channels in a trunking system. They are really repeater pairs; most often in a small system, all the repeaters are at a single location on a good hill or tall building. One channel is the control channel and continously transmits digital codes (3600 baud, if I remember right). In a Motorola system, the control channel shifts between the repeaters in the system every 12 hours to even out the wear on the equipment. Larger systems (like San Diego's 14-channel trunking system) will have multiple control channels, usually spread around different sites for better coverage.

When a mobile (or portable) is first turned on, it scans all the channels in its system until it finds the control channel. (If it can't find it, you'll get an error indication.)

When you key the radio to make a transmission (after an idle period), the radio sends a quick digital request containing your unit id and the 'call group' of who you want to talk with to the trunking controller, which is listening on the input of the repeater that is the control channel at that time.

The controller selects an idle repeater channel, and then transmits a command that tells your radio to switch to that frequency. If all channels are busy, you get an error indication. All the other radios

in the selected talk group will also switch to that frequency.

(A talk group may be everyone on your system, just a few units, or one specific unit. It's completely programmable.)

While the conversation continues, you'll all stay on that frequency. After a configured idle period (which can be short or long), you'll all return to the control channel, freeing up the repeater.

Whilst you're on the talk channel, a continuous subaudible digital code (63 baud? don't remember!) is sent to confirm that you're on the right channel and that you should stay there. It can also instruct you to switch to another talk channel or to return immediately to the control channel.

MDT (Mobile Data Terminals), alphanumeric pagers, and mobile status indicators (in service, out of service, man down, emergency, hijack, etc) can operate on the digital control channel without needing to allocate a talk channel, although in a busy police system, it's likely that MDTs have their own channel.

It is possible to poll a mobile to see if it's in service; it's even possible to reconfigure the mobile remotely in the more advanced systems. I see no reason to believe that it is impossible to remotely command a mobile to transmit, but I don't think that would be practical as an eavesdropping technique, since typically the microphone is out of the circuit unless the button on the mic is pushed, and because most mobiles have blab-off timers to prevent a wedged microphone from jamming a channel for long. It could be done, though.

The voice transmissions are normally standard 5 (or 3) kHz deviated FM, but they can be digitally encrypted if the system is so equipped. That's pretty much separate from the trunking function. (As a side note, the Motorola digital encryption is done by digitizing the signal using a CVSD coder doing the A/D/A conversion; as I recall, it's like a 12kb/s code. To me, it sounds really muffled - too low a sample rate for my taste. Obviously they had to do that to fit it into standard channels.)

I understand that the Johnson and G.E. systems work similarly, but don't leave the controller transmitting continuously. They may use different baud rates too.

To monitor a trunking system on a scanner, you pretty much have to program all the frequencies into your radio. In the US, you can get them from the public copy of the station license. However, if the system gets busy, and the idle homing timer is set short, you'll have a lot of trouble finding a specific conversation.

I think it would be really cool for someone to make a trunking decoder that could be attached to a scanner that would instruct it to follow a specified bunch of talk groups as the channel assignments took place. No doubt it'll cost a fortune.

In the mean time, the only technique that occurs to me is to get a used trunking radio and pursuade a radio tech to program it the same as one of the official radios. Whatta pain!
- Brian

5954. Re: Cellular on Non-Cellular channels?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 22:06:25 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.16.00101BD7@chevron.com>
Source record: 272208

In article <2v263q$icm@search01.news.aol.com> media2k@aol.com (Media 2K) writes:
>I have heard that it is possible to receive cellular frequencies (or
>any frequencies, for that matter) on non-cellular channels by
>entering in an "image" frequency.
>If this is really possible, can someone post some details about this?
>I am about to purchase a 2500XLT and do not want to modify it if it
>is not necessary.

Image reception is usually an undesired function of a receiver but it some cases is useful. Images are common in scanners because their receiver front ends are not very selective.

To calculate an image frequency you need a couple of pieces of information. Mainly, the frequency you want to receive and the first intermediate frequency of your scanner. Multiply the IF by two and add or subract that number to/from the frequency you wish to hear. If the result is frequency you can program into your scanner, use it. Here's an example used to listen to aircraft.

My scanner is not designed to be air band programable.
I want to hear 135.4 MHz.
The first IF of my receiver (in the specs) is 10.7 MHz.

2 x 10.7 = 21.4
21.4 + 135.4 = 156.8
135.4 - 21.4 = 114.0 (won't work in my receiver)

I program 156.8 into the scanner and I should be able to hear air traffic on 135.4. Of course, I also will hear a whoever is using 156.8.

Because it is usually considered an undesired function the manufacturer may try to design some image rejection into the receiver. You might see an image rejection figure in the radio specs given in dB. Very strong signals may required for this method to work. Since cellular systems try to keep power levels low it be difficult. In the above example, I might only hear airplanes within a few miles of my receiver.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
General Radiotelephone Operator PG10-25691 /
Amateur KD6ELA / Private Pilot

5955. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 22:11:01 UTC
From: media2k@aol.com
Message-ID: <2vclpl$73n@search01.news.aol.com>
Source record: 272203

In article <brett_miller.361.00088028@ccm.hf.intel.com>,
brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

Thanks for the info. Many people have mentioned the AR8000. I'm
looking into that model.

Rudy A. Willis
Media 2000

5956. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 22:15:03 UTC
From: media2k@aol.com
Message-ID: <2vcm17$74u@search01.news.aol.com>
Source record: 272204

In article <2vc8n2$pg@wizard.uark.edu>, plaws@comp..uark.edu (Peter Laws) writes:

We have customs on UseNet. One of them is ensuring that quotes are correctly attributed. I did not write this.

***

I am fully aware of the "un-written" code of ethics of UseNet. I simply
stated that the information I posted was from my mailbox. If you anyone
implied that you wrote the review, then I apologize. THe information was posted up here because it was a very informative article.

For the record, neither Peter or myself wrote the article. I simply posted it here after recieving it from Peter.

Rudy A. Willis
Media 2000

5957. JPS NTR-1 for sale

Newsgroup: rec.radio.scanner
Date: 1994-07-05 22:30:28 UTC
From: ira@src.dec.com
Message-ID: <2vcmu4$ejr@src-news.pa.dec.com>
Source record: 272201

For sale:

JPS NTR-1 noise/tone reducer. $100 firm, includes shipping as below.

This DSP noise reduction system lists for $169.95 and includes the manufacturers 12V external power supply ($16.00). Total list price was $185.95

This unit is 3 months old and in like-new condition. Includes all manufacturer's original boxes, instruction booklet, warranty card, and 12V power supply. Price is $100.00 firm. I'll pay 1st class US postal shipping to any location in the lower 48 states. Price refunded if condition not as described.

Works fine. I would just prefer to put the money towards a new radio, rather than a quieter radio.

Reply via email (ira@pa.dec.com) or call 415-853-2160.

Regards,
Ira

5958. Re: Cell phone Laws are bogus!!

Newsgroup: rec.radio.scanner
Date: 1994-07-05 22:33:29 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.17.00108F5F@chevron.com>
Source record: 272209

>>>You can scan cells with your old UHF TV!

>I'd like to see someone do this to this date.

>Just a plain ole' UHF TV. No attachments. Nothing.

I haven't tried it, but have heard of it. Why not? The spectrum for cellular and many other 800MHz operations was reallocated from the upper UHF TV channels that were never used (I can't remember seeing anything above channel 65). Televisions with analog tuners should be able to hear quite a bit of 800Mhz audio.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
General Radiotelephone Operator PG10-25691 /
Amateur KD6ELA / Private Pilot

5959. Re: Seattle killer caught by scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-05 22:40:43 UTC
From: jml@visus.com
Message-ID: <1994Jul5.224043.1469@visus.com>
Source record: 272213

In article <2uf299$af0@news.tv.tek.com> michaeha@soul.tv.tek.com (Mike Harris) writes:
> [In Seattle, a private citizen reported hearing a cell-phone user bragging
> about killing somebody.] They caught the killer but can they actually use
> information obtained illegally to prosecute him?

They can't use illegally obtained evidence *IN COURT*. That doesn't mean the cops will ignore it though. It could lead to other evidence (e.g., a confession).

> The story didn't mention anything about it being illegal to listen to
> cellular calls. What is the penalty for listening to cell phones
> with a scanner?

It's not illegal to listen to cell-phone calls ... yet. The only thing that IS illegal about cell-phone monitoring is the manufacture or import of radios that can do it (or be easily modified, for some arbitrary definition of "easy").

-- Jim Large

5960. Re: New Pro-43 can't be moded?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 22:50:37 UTC
From: sita@ecf.toronto.edu
Message-ID: <CsHosE.Ds5@ecf.toronto.edu>
Source record: 272214
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Is there any word on any revision to the Pro43's being sold in Canada?
Seems like the ones in our local Radio Shack don't list an FCC #, just:

20-300
DOC/MDC 255B163

The serial #'s are in the 084xxx range it seems, with another
distinguishing feature being an odd sticker on the box saying "3A4" (back side,
bottom right corner).

Any help appreciated!

5961. Re: New Pro-43 can't be moded?

Newsgroup: rec.radio.scanner
Date: 1994-07-05 22:59:20 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-050794155243@earl.llnl.gov>
Source record: 272206

In article <atomCsCHG6.Ao9@netcom.com>, atom@netcom.com (Allen Tom) wrote:
>
> I just bought a RS Pro-43, and I noticed that the FCC ID is AA020-300A
> which differs from the old ID # which didn't have the A at the end.
> Does this mean that this Pro43 can't be modified for cellular?
>
> Please reply ASAP because if I can't modify it, I want to return it.

It looks as though you are the owner (perhaps short term) of a new non-modifiable PRO-43. It seems that the only way to confirm is to see if the FCC ID # ends in an 'A'. The 'A' would signify a newly approved model which translates to 'non-restorable'. It also appears that the serial #'s start with an 'A' as well.

The pre-production version I saw also had an 'A' in the model #, (20-300A), as well as the FCC # change. I am very surprised that the model number did not change as it will now be difficult for RS to keep track of stock.

One more thing - the 1000 channel RS base scanner, PRO 2035, catalog 20-460, has been FC approved. It should start to show up in the near future to replace the 2006. Your local RS will not know what you are talking about if you lay these numbers on him until it is released.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

5962. Re: Cell phone Laws are bogus!!

Newsgroup: rec.radio.scanner
Date: 1994-07-06 00:21:36 UTC
From: lesatz@aludra.usc.edu
Message-ID: <2vcteg$6s0@aludra.usc.edu>
Source record: 272210

In article <cgwh.17.00108F5F@chevron.com>,
Curtis Wheeler <cgwh@chevron.com> wrote:
>
>>>>You can scan cells with your old UHF TV!
>
>>I'd like to see someone do this to this date.
>
>>Just a plain ole' UHF TV. No attachments. Nothing.
>
>I haven't tried it, but have heard of it. Why not? The spectrum for cellular

I do this all the time since I don't have a scanner that reaches up to
the cellular band. Simply hook a long wire to the UHF screws, or if
you have the VHF/UHF combination connector, simply stick the wire in
that hole (don't use that loop antenna). Tune to channel 81 (be sure
that you are in TV mode and not CATV) and you will hear all kinds of
conversations going on. Usually one conversation will tend to be
louder than the others, it seems to depend on the individual tuner.

Yup..Illegal to tune your TV to channel 81! Happy Independence Day all.

Eric

Eric LeSatz | lesatz@aludra.usc.edu | N0UVD
University of Southern California, | t7peric@t7a.dot.ca.gov | 147.435 MHz
School of Urban & Regional Planning | elesatz@nyx.cs.du.edu | 146.985 MHz
---

5963. OPTO-456 First impressions

Newsgroup: rec.radio.scanner
Date: 1994-07-06 00:46:15 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-050794165052@m11106.esl.com>
Source record: 272211

OPTO-456 first Impressions.

Last week a friend of mine received his OPTO456 for the PRO-2006. It came without the video tape mentioned in the AD, but was otherwise complete. I guess they ran out of them, or haven't finished it yet, he didn't call to ask.
The 456 hardware was fairly easy to install, it only took him about 2 hours from start to finish although he did use a soldering iron. The 9V battery compartment gets removed but the wires pass through a small hole. The instructions say to take a screwdriver and ream out the hole until it is large enough to pull the battery clip through the mangled hole. My friend chose to unsolder the wires pull the wires through the hole and solder the wires back on, which is the right way to do this, granted the plastic is thin and it shouldn't be difficult to enlarge the hole. The 456 installs on the underside of the 2006 in the large open area and fits around the transformer and butts up against the circuit board on the other side. It comes with a metal plate that covers the oval hole in the bottom of the chassis, my guess is that they radiated spurs into the underside of the RF section so they covered the opening. It *KIND OF* crimps onto the lip that borders the opening and a screw on one end holds it in place. The 456 mounts close to the surrounding metal chassis protrusions, so they supply insulating plastic u-channel that slips onto the lips that stick up around the surrounding chassis. There are also 4 foam rubber cushions 1/4" Sq that stick to the chassis as spacers for mounting. These were all needed so that no drilling for a *REAL* mounting bracket would be needed. The connections are made by un-plugging 3 connectors from the 2006 and plugging them into the 456, then another 3 cables go from the 456, and plug into the 2006. The cable from the front panel to the 456 gets stretched so tight you can almost play a tune on the pink wire, but it does fit.
The 456 installation looks very clean once completed, the green epoxy board matches the existing circuit boards nicely and looks like the GRE factory installed it. The connectors mount on the rear panel where the battery compartment used to be mounted, and the battery gets velcro"ed to the chassis sidewall (so buy a new battery). The 456 rear panel has a 9-pin D conn, an 1/8" plug for the CI-V output, and another for a tape recorder pause control. A nice looking installation from the outside too.

I got a chance to try it out today, and I must say I have mixed feelings about it. The hardware seems to be very good, but now you're at the mercy of the software control program you have to use to control the once easy to use 2006. If you're not a computer lover don't bother.
When you first turn on the 2006/456 there will be a 2-3 Sec delay before the display comes on, this is normal. If no computer is connected you have a normal 2006 but if the DTR line is asserted the computer takes over.

Operationally it is not simple to use, as it comes with the Scanstar software and a DEMO version of Scancat to control it with. If you want the fully functioning version of Scancat or the *full featured* version of Scanstar PRO, it's another $80 bucks from the respective vendors. Both S/W packages have good points and bad points and run under DOS (sorry Mac and Windows users, but they're still working on your versions, or so they claim). When the S/W takes over control of the radio, the 2006 display is blanked, so your only info comes from the S/W. I didn't get a chance to try out the DTMF & CTCSS decoding so I won't comment on it at this time. My friend said it does work, although you get occasional false decodes from voice comms.

Scancat seemed to have a "dated" user interface, one that has been around for years and is due for a MAJOR overhaul. But it offers some interesting features such as an S-meter display of signal strength, although we never did get it to work, maybe the fully functioning version works better. It did tune the 2006 and do limit searches, while displaying the freq. of tuning. As well as allow single channel tuning and limit searches previously stored in a file. It has a spectrum display feature that shows the freq.'s. that have been captured graphically, although I'm not sure how useful it is, "it shore looks purdy". I personally, just didn't care for the look and feel of the S/W as a whole, IMHO.

Scanstar standard version which is the primary control S/W that comes with the 456 had a much nicer user interface and look & feel to it, although there were many buried menu options that have to be set up before you can use the S/W. Once it was configured it was fairly easy to get it to do searches. My biggest complaint is, it just doesn't give you any information as to what freq. it is tuning during limit search until it stops on an active channel. I found this disconcerting to be staring at a blank screen that says searching in the bottom left corner until a signal is found. I like to get some feedback as to what is happening. I guess this was a compromise to get the search rate up to the claimed 50 channels/sec. I would have preferred a user selectable option to enable or disable the freq. display so that I could get some feedback as it tunes, besides with a fast 486/66 I doubt it would take much time to do the display function call.
I guess I am biased in favor of Scanstar because it just seemed to be a better looking, easier to use program. But remember I only tried the 456 for about 1-1/2 Hr's using both programs so I didn't thoroughly ring out either program. Nor have I used them before or even met anyone that has, so my view is somewhat limited.
The S/W from both companies is generic to a dozen or more different types of radios and so it is not optimized for the capabilities of the 2006/456 combination. I suspect that as time and money allows, both companies will expand the capabilities of their S/W. I see a very powerful combination here, in fact as I write this, I decided to call and order one of my own.
But alas, it is after hours here on the West coast and nobody answered, so I'll have to wait until tomorrow, but I will order one for my own use.

Good listening
MAD

The opinions expressed here are | Covering 100KHz to 2GHz contiguous.
my own but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

5964. Re: PD trying to discourage scanners?

Newsgroup: rec.radio.scanner
Date: 1994-07-06 01:22:21 UTC
From: tharrell@nmsu.edu
Message-ID: <2vd10d$htp@dns1.NMSU.Edu>
Source record: 272212
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Mark D. Conner (mconner@rain.atms.purdue.edu) wrote:
: Recently I've been hearing some "interference" on the local
: (Lafayette/Tippecanoe Co IN) 800 MHz trunk that is used for public
: safety agencies.

: Anyone else heard something similiar on the trunked systems they
: listen to, or heard of tricks like this to discourage scanner
: listeners?

I was up in Albuquerque, NM last weekend (first time there with the '43). I plugged in the 800 MHz frequencies for the city out of my two-year-old copy of Police Call. Sure enough, I could hear police, but I also encountered anti-scanner tones at the end of each transmission. I'm guessing that this is a GE system, because the tones sound a lot like the "we bring good things to life" jingle. Yecch. At least El Paso's new trunked system doesn't do that (yet).

There are supposedly add-ons for the PRO-2006 that are designed to resume scanning if these tones are encountered.

T.J.

5965. Re: ICOM R-1 Receive Problem

Newsgroup: rec.radio.scanner
Date: 1994-07-06 01:38:26 UTC
From: Kevin Martinez <lps@rahul.net>
Message-ID: <CsHwK2.4Kz@rahul.net>
Source record: 272126

magnet@nRCHs022 (Brad Glidewell) writes:

>Kevin Martinez (lps@rahul.net) wrote:
>|billn@hpcvaac.cv.hp.com (bill nelson) writes:

>|They are sensitive to overload. I keep a 50 ohm BNC scope type terminator
>|to help in some situations. (It does look like a ethernet port with no
>|antenna...)

>Could you explain how you use this? Just attach the terminator with no
>antena?

The terminator attaches to the BNC jack on the R1 and the antenna plugs
into the terminator. The terminator is a series type, not the resistive
cap type commonly found at the ends of a thinnet LAN.
--

Kevin Martinez lps@rahul.net Member of the Julie Kangas Fan Club
Work: 1 800 50 SATAN Home: 1 510 676 1111

5966. Frequencies for Wash. D.C. and Northern Va, Md. area

Newsgroup: rec.radio.scanner
Date: 1994-07-06 02:00:00 UTC
From: opnpaul@ubvms.cc.buffalo.edu
Message-ID: <CsHur1.7IG@acsu.buffalo.edu>
Source record: 271878

I will be traveling to the Northern Va., Washington D.C.,
Maryland area this summer and I would like to monitor some of the
local frequencies. Some of the frequencies I am looking for are
Fairfax County Police, Prince Georges County Police, Maryland and
Virginia State Police, D.C. police, and local traffic report frequencies
(Traffic copter).Also, if you have U.S. Park police.

thanks in advance,

Paul

5967. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-06 02:28:55 UTC
From: olivolap@netcom.com
Message-ID: <olivolapCsHyw8.1no@netcom.com>
Source record: 272216
Cross-posted to: rec.radio.scanner,rec.autos.sport

In article <CsHHs5.EJC@crdnns.crd.ge.com>,
richard welty <welty@caph.crd.ge.com> wrote:
>
>i got an insight into this Monday at the Formula Ford Festival at LRP.

Had I known you were there I'd have looked you up. Had a great time
schmoozing with some old friends I haven't seen in years.

>"USAC is the most intelligent, thoughtful, organized, competent race
> sanctioning body in the world, and I'm the second coming of Christ."
> -- Peter Olivola

I like that tag line. Especially the attribution. ;)
--

olivolap@netcom.com (Peter Olivola)

5968. For Sale: Bearcat 2500xlt

Newsgroup: rec.radio.scanner
Date: 1994-07-06 02:48:43 UTC
From: kerr@killerbee.jsc.nasa.gov
Message-ID: <2vd62b$nb@pendragon.jsc.nasa.gov>
Source record: 272217

```
For Sale : Bearcat 2500xlt
3 months old
In box, not a scratch
Cellular restored
I will ship UPS, $295.00

kerr@killerbee.jsc.nasa.gov or 713-474-9569

Ted.
```

5969. Pro-43's all GONE!

Newsgroup: rec.radio.scanner
Date: 1994-07-06 03:24:19 UTC
From: steven@sgb.oau.org
Message-ID: <CsI1GL.AuG@sgb.oau.org>
Source record: 272223

I have been reading on CompuServe that most of the PRO-43s are all gone, the only one's available now supposedly can not be modified for cellular without replacing actual chips. They have an A on the FCC ID number.

I have not yet learned the chips to change or the costs involved. Maybe the Cellular Group might know and can mod these units...

Any sources over the border in Canada unaffected by this problem? Looks like it's time to dig up their addresses again.

I have noticed an increase in comments on how to modified cellular phones to be tunable / selectable. I guess the scanner owners should start lobbying for EQUAL treatment...

We WANT laws to prohibit the importation and manufacture of cellular phones because they can be modified to act as tunable receivers removing any expectation of privacy from another cellular user!

(honey, I will be late at the office... ok, luv you... bye... click... ring hello? Yes, I've got the whole night free! What time should I pick you up?)

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

5970. RS Pro 34 mods. - need desperately!

Newsgroup: rec.radio.scanner
Date: 1994-07-06 03:33:45 UTC
From: Gary Spong <ams39@delphi.com>
Message-ID: <x2-xxFB.ams39@delphi.com>
Source record: 272215

If anyone has got the modifications necessary for this old model, please post or email them. Thank you in advance.

Happy Scanning!
Gary

5971. August Indy NASCAR Freqs???

Newsgroup: rec.radio.scanner
Date: 1994-07-06 04:16:03 UTC
From: stephenx1@aol.com
Message-ID: <2vdb63$cau@search01.news.aol.com>
Source record: 272218

I need the car-to-pit-crew freqs for the upcoming Indy NASCAR race in early August. Can anybody help? Thanks.

Stephenx1@AOL.COM

5972. Re: Cell phone Laws are bogus!!

Newsgroup: rec.radio.scanner
Date: 1994-07-06 05:22:15 UTC
From: Kevin Martinez <lps@rahul.net>
Message-ID: <Csl6x4.IJq@rahul.net>
Source record: 272127

cgwh@chevron.com (Curtis Wheeler) writes:

>>>>You can scan cells with your old UHF TV!

>>I'd like to see someone do this to this date.
>>Just a plain ole' UHF TV. No attachments. Nothing.

>I haven't tried it, but have heard of it. Why not? The spectrum for cellular
>and many other 800MHz operations was reallocated from the upper UHF TV
>channels that were never used (I can't remember seeing anything above channel
>65). Televisions with analog tuners should be able to hear quite a bit of
>800Mhz audio.

Some of us that live under cellular telephone towers don't even need a
old TV to become criminals. All of my receivers pickup these
conversations whether I like it or not. Repeated complaints to the phone
company have changed nothing.

I'm glad I don't watch much TV because it effects the video as well.
Thanks to the congresscritters, my neighbors are criminals as well.

At least there's that inner warmth to be thankful for during the winter!
--

Kevin Martinez lps@rahul.net Member of the Julie Kangas Fan Club
Work: 1 800 50 SATAN Home: 1 510 676 1111

5973. Frequencies in Ocean City

Newsgroup: rec.radio.scanner
Date: 1994-07-06 05:27:41 UTC
From: ai076@yfn.ysu.edu
Message-ID: <2vdfcd$f5a@news.ysu.edu>
Source record: 272219

Hi scan lovers:

I'll be in Ocean City Maryland, on the week of July 10th.
If anybody can send me or post the police and weather
frequencies, I would greatly appreaciated.

Thanks in advance
Dan DiPiero(ai076@yfn.ysu.edu)
Youngstown, Ohio U.S.A.

P.S. In case you know of any good restaurants, you can E-mail me
that info also. :)

5974. RS Pro-51 modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-07-06 05:27:58 UTC
From: atom@netcom.com
Message-ID: <atomCsI76o.1qu@netcom.com>
Source record: 272221
Cross-posted to: alt.radio.scanner,rec.radio.scanner

According to net.opinion, my new radio Shack pro43 can't
be modifiable for cellular, so I'll probably return it tomorrow.
Does anyone have any info on the RS pro51? According to an article
in monitoring times, the pro51 can be modifiable with a code
punched into the keyboard! Has anyone tried it?

Thanks in advance for any info!

BTW - My Pro43 is my first scanner, and I **LOVE** it.

--
+--------=Allen Tom=--------+
| atom@soda.berkeley.edu | Real blood, real broken bones.... now that's ART!
| atom@netcom.com | -- GG Allin
+-------------------------+
GB/U/CS d-- -p+ c++ l u e+/* m+(---) s n+(---) h(*) f+ g- w++ t+@ r- y?(*)

5975. AOR 880 parts

Newsgroup: rec.radio.scanner
Date: 1994-07-06 09:03:10 UTC
From: jnesbitt@cyberspace.com
Message-ID: <2vds0e$kr5@cyberspace.com>
Source record: 272125

I'm looking for a battery tray with power leads and system board connector attached. I got a little too physical with mine and ripped the connector off.

Also looking for a battery compartment cover. The tabs on mine are broken.

Anyone know of authorized AOR service in the Seattle area?

Thanks.....John

5976. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-06 09:10:48 UTC
From: dkelham@lincoln.gpsemi.com
Message-ID: <CsIHI0.2oJ@lincoln.gpsemi.com>
Source record: 272224

Could you please me any information on the AR8000...

Pretty please...

Many thanx 'n` advance

Dazza.

--

Darren Kelham
Computer System Technician
==========
_/_/_/_/ _/_/_/_/ _/_/_/_/ E-Mail : dkelham@lincoln.gpsemi.com
_/ _/ _/ _/
_/ _/_/ _/_/_/_/ _/_/_/_/ Address: GPS, Lincoln, England, UK, Earth.
_/ _/ _/ _/ Phone : +44 522 502 331 (direct)
_/_/_/_/ _/ _/_/_/_/ Fax : +44 522 502 339 (office)
==========

Their goal, they say is to prone the Telecommunications systems
of the 20th Century, which are just channels by which gobal corporations
flecce the public.

HACKER & PHREAKERS
...A Channel 4 Program...

5977. Re: PD trying to discourage scanners?

Newsgroup: rec.radio.scanner
Date: 1994-07-06 10:29:25 UTC
From: phybs@mizzou1.missouri.edu
Message-ID: <phybs.149.000A7DD3@mizzou1.missouri.edu>
Source record: 272136
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <2vc836$j42@delphinium.cig.mot.com> rausch@cig.mot.com (David R Rausch) writes:
>|>
>|> At first I thought it was someone trying to jam the police
>|> frequencies, but several things make me think otherwise. The noise is
>|> a series of squawks, almost like a mike keying on and off a few times.
>|> The noise alternates between two of the five repeater output channels.
>|> However, it never steps on an existing conversation, and no
>|> conversations are ever started on that channel while the beeping is in
>|> progress. This makes me think that the controller knows when this is
>|> going on and directs the other radios around it. Since conversations
>|> do take place on those two channels, you can't lock them out without
>|> losing quite a bit of what's going on.
>|>

I encountered this when used to live in Toronto. Their police as well as many
Ontario police depts use a system that allows for detecting the location of
transmission. Adding a closed tone squelch system (CTSS) tone board to your
scanner will ease monitoring as squelch will only open up when these tones are
detected on transmission, and not during other times. They said that this was
not intended to discourage scanning, but it made it a nuisance.

Bernhard Stepke, Ph.D. phybs@mizzou1.missouri.edu
Dept of Physiology University of Missouri
Columbia MO 65212 (314) 882-7666

5978. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-06 10:31:10 UTC
From: mtiernan@world.std.com
Message-ID: <CsIL7y.D51@world.std.com>
Source record: 272128
Cross-posted to: rec.radio.scanner,rec.autos.sport

George Lyle (233789) <glyle@lynda.seas.ucla.edu> wrote:
> plaws@comp..uark.edu (Peter Laws) writes:
> [...] The public wants their info fast and unfiltered.
And children want to stick their hands into fire to see if it's hot. Just because they want it doesn't mean it's what they should have. Too bad our general public isn't mature enough to deal with what they get for input.
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

5979. cellular phone calls

Newsgroup: rec.radio.scanner
Date: 1994-07-06 11:02:59 UTC
From: davidm@iglou.iglou.com
Message-ID: <1994Jul6.110259.1375@iglou.com>
Source record: 272129

davion28@netcom.com asked:

> I have a question about something I heard on the cell band. While
> in LA I was sitting in my Hotel and I heard a guy and girl talking about
> getting their phones fixed to get free service for a month my question
> Is It illegal to hear someone that was using a fix phone to get free
> service I mean cause their not paying so why should they think what
> their saying should be private. They were both on cell phone. They also
> said on the phone were they go to get their phone fixed.

It does not matter who says what on a cellular phone, and it does not matter if they are paying for the service or ripping it off. The Electronic Communications Privacy Act of 1986 makes it illegal to listen to any communications on any frequency licensed to a cellular phone service. Period. No exceptions (unless you are involved in a law enforcement capacity).

David
davidm@iglou.com

5980. Re: Cellular

Newsgroup: rec.radio.scanner
Date: 1994-07-06 11:22:33 UTC
From: dayglo@mindvox.phantom.com
Message-ID: <agH2oc4w165w@mindvox.phantom.com>
Source record: 272173

davion28@netcom.com (donell duckett) writes:

> I have a question about something I heard on the cell band. While in LA I
> was sitting in my Hotel and I heard a guy and girl talking about getting
> their phones fixed to get free service for a month my question Is It
> illegal to hear someone that was using a fix phone to get free service I
> mean cause their not paying so why should they think what their saying
> should be private. They were both on cell phone. They also said on the
> phone were they go to get their phone fixed.

So where do they go??

5981. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-06 12:14:53 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.363.000C3FEA@ccm.hf.intel.com>
Source record: 272156

In article <2vc3vp$35p@search01.news.aol.com> media2k@aol.com (Media 2K) writes:

>Selectivity SSB 2.0KHz (-6dB) 7.5KHz (-50dB)
> AM/NFM 12KHz (-6dB) 25KHz (-60dB)
> WFM 180KHz (-6dB) 800KHz (-50dB)

For what its worth, AOR has changed the SSB 2.0 KHz filter to a 4.0 KHz filter
and they dropped the idea of the tape output jack.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5982. Re: Please post MOD for BC 2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-06 12:27:03 UTC
From: kavolius@Hopper.ITC.Virginia.EDU
Message-ID: <CsIqL4.JG2@murdoch.acc.Virginia.EDU>
Source record: 272132

Scott Shigeta (shigets@holmes.ece.orst.edu) wrote:
:: for all mods you might want to check ftp site: oak.oakland.edu
:: under pub/hamradio/mods/uniden.

:: this is a reply to the person asking for the BC 2500 mod.

: Scott

: PS If you can, get a pro43-the 2500 receiver sucks.

Why do you say that the 2500 _sucks_? I'm thinking about getting one.

--
Vytas A. Kavolius
kavolius@hopper.itc.virginia.edu

5983. Re: Cell Phone Hand-off

Newsgroup: rec.radio.scanner
Date: 1994-07-06 12:44:58 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.364.000CC040@ccm.hf.intel.com>
Source record: 272157

In article <2upu5u$d2s@crl.crl.com> henniger@crl.com (Mickey R Henniger) writes:

info deleted

>Mick
>(wb5von)

Nice post! Thanks for the info.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5984. Re: Seattle killer caught by scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-06 13:54:12 UTC
From: jkearman@arrl.org
Message-ID: <1994Jul6.135412.21992@arrl.org>
Source record: 272142

Jim Large (jml@visus.com) wrote:

: It's not illegal to listen to cell-phone calls ... yet. The only thing that IS
: illegal about cell-phone monitoring is the manufacture or import of radios that
: can do it (or be easily modified, for some arbitrary definition of "easy").

In the US, it has been illegal to monitor cellular telephone calls for some time. The ban on manufacture or importation of "cellular capable" scanners was just a further attempt to restrict such listening.

Good listening (with the headphones on!)

Jim

5985. PRO 2032 IS IT MODABLE

Newsgroup: rec.radio.scanner
Date: 1994-07-06 14:00:51 UTC
From: reider@acrux.GSFC.NASA.GOV
Message-ID: <2vedej$8i5@paperboy.gsfc.nasa.gov>
Source record: 272133

If someone could post a responce to this question .

Is the PRO2032 able to be modified for 800 freqs, if so
is the mod as simple as the 2006 or 43 since I did both
of those ?

Its on sale at rat shack for $199 thought I might through
one in my car , if it can be mod for 800 and the low bands.

ONE POST to rec.radio.scanner or EMAIL me directly

THANKS !!

(PS - the 800 MHz freq I'm speaking of are 868-896)

5986. Re: RS Pro-51 modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-07-06 14:11:21 UTC
From: pdennis@vnet.ibm.com
Message-ID: <19940706.101121.709@vnet.ibm.com>
Source record: 271995
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <atomCsI76o.1qu@netcom.com>,
on Wed, 6 Jul 1994 05:27:58 GMT,
Allen Tom <atom@netcom.com> writes:
>According to net.opinion, my new radio Shack pro43 can't
>be modifiable for cellular, so I'll probably return it tomorrow.
>Does anyone have any info on the RS pro51? According to an article
>in monitoring times, the pro51 can be modifiable with a code
>punched into the keyboard! Has anyone tried it?
>
The same code that sets up test frequencies in a PRO-46 works on a
PRO-51. Press the 2, 9, and LO (lockout) keys as you power up the
unit. THIS WILL ERASE ALL PREVIOUSLY STORED CHANNELS! The frequency
stored in channel 23 is a cellular frequency. What I did was
scan up and down from that frequency and store some of the "hits" in
the monitor banks and later stored them in other channels where I wanted
them.

P.S. Allen, please email me if you see my reply, I'm not sure if
my posting is working correctly.

```
************************************************************
*Thanks to the Interstate Highway System, it is now possible*
*to travel across the country from coast to coast without *
*seeing anything. --Charles Kuralt `-_-' *
* 'U` *
*ALL STANDARD DISCLAIMERS APPLY, Next time, *
*PDENNIS@VNET.IBM.COM A.K.A. PHIL DENNIS take the train! *
************************************************************
```

5987. Re: freq of cordless freq NEEDED

Newsgroup: rec.radio.scanner
Date: 1994-07-06 14:26:34 UTC
From: tonym@melbpc.org.au
Message-ID: <2veeuq$e3t@server.melbpc.org.au>
Source record: 272134

tatsuya@zuni.math.byu.edu (Tatsuya Kawasaki) writes:

>Could someone please, please e-mail me the freq of base to handset, NOT
>hand set to base, freq.

If somebody has this info for the Panasonic Pocket Cordless phone I'd
appreciate the same via email.

ta.

Tony

5988. Re: RS Pro-51 modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-07-06 14:29:18 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.365.000E7D7D@ccm.hf.intel.com>
Source record: 272165
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <atomCsI76o.1qu@netcom.com> atom@netcom.com (Allen Tom) writes:

>According to net.opinion, my new radio Shack pro43 can't
>be modifiable for cellular, so I'll probably return it tomorrow.
>Does anyone have any info on the RS pro51? According to an article
>in monitoring times, the pro51 can be modifiable with a code
>punched into the keyboard! Has anyone tried it?

Yes it works. You load the test freqs with the reset code. One of them is in
the cell range. From there, you just do a DIRECT serach of the cell band.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

5989. PRO 2006 vs. PRO 2006A cell mods

Newsgroup: rec.radio.scanner
Date: 1994-07-06 14:51:55 UTC
From: jwierzbicki@melpar.esys.com
Message-ID: <CsIxAK.GwC@melpar.esys.com>
Source record: 272135

The catalog number on the scanner I just bought, on the ID plate on the back says 20-145A. Is this modifiable for cellular? I need to know ASAP, because if is not, I want to return it. (Not that I'm going to listen to it, that's illegal =;^)).
Please e-mail me at jwierzbicki@melpar.esys.com if you have the 20-145A and you know for sure the mod works.

Thanks in advance!!
John Wierzbicki
jwierzbicki@melpar.esys.com

5990. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-06 15:02:19 UTC
From: <>
Message-ID: <2veh1r$a72@wizard.uark.edu>
Source record: 272138

media2k@aol.com (Media 2K) writes:

>In article <2vc8n2$pg@wizard.uark.edu>, plaws@comp..uark.edu (Peter
>Laws) writes:

>We have customs on UseNet. One of them is ensuring that quotes are
>correctly attributed. I did not write this.

>***

>I am fully aware of the "un-written" code of ethics of UseNet. I
>simply
>stated that the information I posted was from my mailbox. If you
>anyone
>implied that you wrote the review, then I apologize. THe information
>was posted up here because it was a very informative article.

>For the record, neither Peter or myself wrote the article. I simply
>posted it here after recieving it from Peter.

And hence the problem: I NEVER SENT YOU THE ARTICLE!!!!!!!

I repeat: watch the attrib lines.

(PS - Someone remind me how to filter posts from certain sites [like, let's
say, aol.com] using nn ...)

Peter Laws <plaws@comp.uark.edu> |"Let's make sure history never forgets the
n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise" ST:TNG - 1987-1994

5991. Re: Cell phone Laws are bogus!!

Newsgroup: rec.radio.scanner
Date: 1994-07-06 15:09:00 UTC
From: tim.miranda@channel1.com
Message-ID: <40.4811.2433@channel1.com>
Source record: 272147

-> >I'd like to see someone do this to this date.
-> >Just a plain ole' UHF TV. No attachments. Nothing.

I did a few hours ago. We have a TV we bought in the early
1980s. It has a cable box, but I simply turned off the cable, turned on
the TV, put it on UHF, and turned the dial between channels 60-80.
I live in Boston, and I picked up someone talking like they were near a
river in Pennsylvania.

5992. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-06 15:12:31 UTC
From: <>
Message-ID: <2vehkv$ab3@wizard.uark.edu>
Source record: 272139
Cross-posted to: rec.radio.scanner,rec.autos.sport

glyle@lynda.seas.ucla.edu (George Lyle (233789)) writes:

>In article <2v1o52$h8o@wizard.uark.edu>, plaws@comp..uark.edu (Peter Laws) writes:

<well reasoned and insightful thoughts deleted :-)>

>|>
>|> I think that most thinking people will see the obvious differences between
>|> an Emergency Physician giving news to family in a hospital and a
>|> scannergeek turning up the volume on his "sportcat" just as the EMTs tell

<more well reasoned and insightful thoughts deleted :-)>

>How can we hold the scannergeek responsible when even NBC, CBS, CNN,

Someone needs to hold somebody responsible for something. Let's start
with ourselves. The commercial networks can (and do) do what they want,
results-be-damned, it seems. However, we are discusssing the rights,
responsibilities and acceptable behavior of scanner listeners, not those
of the networks.

The situation in the thread was one where the person with the scanner was
the only potential source of information. The networks were not a factor
according to the post.

Flame-proof suit on ...

Peter Laws, (scannergeek - bigtime)
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Peter Laws <plaws@comp.uark.edu> |"Let's make sure history never forgets the
n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise" ST:TNG - 1987-1994

5993. Re: Seattle killer caught by scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-06 15:20:11 UTC
From: <>
Message-ID: <2vei3b$af0@wizard.uark.edu>
Source record: 272141

jml@visus.com (Jim Large) writes:

>It's not illegal to listen to cell-phone calls ... yet. The only thing
>that IS

Really? Check the Electronic Communications Privacy Act (ECPA) of 1986.
It's been illegal for 8 *years*. Same for pagers (hard *not* to hear
those) and certain broadcast-related radio comms, like STLs (I think).

Legal to listen to cellphones? Try verboten. How long have you been
reading rec.radio.scanner (and it's predecessor alt.radio.scanner)
anyway????????

When scanners are outlawed, only outlaws will have scanners (to coin a
phrase ... :-)

Peter Laws <plaws@comp.uark.edu> |"Let's make sure history never forgets the
n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise" ST:TNG - 1987-1994

5994. Re: scancat/scanstar

Newsgroup: rec.radio.scanner
Date: 1994-07-06 15:25:25 UTC
From: magnet@nRCHs022
Message-ID: <2veid5$drv@corpgate.rich.nt.com>
Source record: 272137

Frank ODonnell (edfxo@huber.com) wrote:

|has anyone used both scancat pro and scanstar pro?? i am interested in using it with a 2006 and os456.
|i would appreciate comments on either program, and opinions on which is superior.

|thanks,

|*frank*

A friend of mine purchased the above for use with his 7000 and 71. We worked with the software for about 2 hours trying various things.

My first impresion is that the code has GOT to be badly written because of the speed of execution on his 386/20mhz, 9600bps system. (18 cps TOPs) In addition certain keystrokes caused the software to become confused and list the same option twice in the menu while not listing others! IMHO this software is and still should be of the SHAREWARE variety until the quality is improved. Several times the machine LOCKED UP and had to be warmstarted. The code suppports both these radios simultaneously and ocasionaly one radio control would become "insaine". (scanning continuously never stopping at squelch) (no amount of twiddling with the options affected this problem)

--
brad.glidewell@nt.com

5995. Re: scancat/scanstar

Newsgroup: rec.radio.scanner
Date: 1994-07-06 15:32:34 UTC
From: magnet@nRCHs022
Message-ID: <2veiqi$drv@corpgate.rich.nt.com>
Source record: 272140

Brad Glidewell (magnet@nRCHs022) wrote:
|Frank ODonnell (edfxo@huber.com) wrote:

||has anyone used both scancat pro and scanstar pro?? i am interested in using it with a 2006 and os456.
||i would appreciate comments on either program, and opinions on which is superior.

||thanks,

||*frank*

In my original followup post:
I failed to mention this software was SCANCAT. Sorry for the ommission.

|A friend of mine purchased the above for use with his 7000 and 71. We worked with the
|software for about 2 hours trying various things.

|My first impresion is that the code has GOT to be badly written because of the
|speed of execution on his 386/20mhz, 9600bps system. (18 cps TOPs) In addition certain
|keystrokes caused the software to become confused and list the same option
|twice in the menu while not listing others! IMHO this software is and still
|should be of the SHAREWARE variety until the quality is improved. Several
|times the machine LOCKED UP and had to be warmstarted. The code suppports
|both these radios simultaneously and ocasionaly one radio control would
|become "insaine". (scanning continuously never stopping at squelch)
|(no amount of twiddling with the options affected this problem)
--
brad.glidewell@nt.com
_ /|
\`o.0'
=(___)=
U

5996. Re: PD trying to discourage scanners?

Newsgroup: rec.radio.scanner
Date: 1994-07-06 15:45:16 UTC
From: dbashaw@synoptics.com
Message-ID: <CsIzrH.6rs@synoptics.com>
Source record: 272143

rausch@cig.mot.com (David R Rausch) wrote:
>The "squawking" or tones or even music is deliberate. It causes your
>scanner to stay on the current frequency while the conversation moves
>to another frequency. By time the "squawking" stops and your scanner
>resumes scanning you have missed that "great bit of juicy informantion"

I take the proceeding to imply the police are doing something that the
public should not know about. Am I wrong? What are the cops up to that
cant bare public scruitney? Are police agencies going to trunked systems
in an attempt to hide what they are really up to from anyone listening.
Sounds like trunking systems are a great way to hide whats really happening.

No I'm not a paranoid! Just wondering what we'll do in the future when
we find listening to the cops is a felony. Seig Hiel.

Dave Bashaw
wa6qwl

5997. Need help programming FT-470

Newsgroup: rec.radio.scanner
Date: 1994-07-06 16:58:39 UTC
From: N7LTD <cecil_walker@ccm.hf.intel.com>
Message-ID: <2venrn$pvh@chnews.intel.com>
Source record: 272152
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Hey guys,

Do you recall how you get the FT-470 to scan out of the normal ham frequencies?
I think it was a combination of holding some buttons down while powering on,
but I don't remember for sure.

Yeah, yeah, I'll write it down this time!

Thanks,
Cecil N7LTD

cecil_walker@ccm.hf.intel.com

5998. image reception (was: Cellular on Non-Cellular channels?)

Newsgroup: rec.radio.scanner
Date: 1994-07-06 17:04:51 UTC
From: taft@mv.us.adobe.com
Message-ID: <1994Jul6.170451.15529@adobe.com>
Source record: 272144

cgwh@chevron.com (Curtis Wheeler) writes:
>I program 156.8 into the scanner and I should be able to hear air traffic on
>135.4. Of course, I also will hear a whoever is using 156.8.

Interesting that you picked this particular example. 156.8 is marine
VHF channel 16, which is the international calling and emergency
frequency. The image, heard on a Uniden BC200, is a busy aviation
channel in this area (Oakland Center, I believe).

It's amusing to scan the marine band and hear conversations about
flight levels and localizers. The reception is surprisingly good,
considering that the marine band is FM but aviation is AM.
--
Ed Taft taft@adobe.com

5999. Re: Need help programming FT-470

Newsgroup: rec.radio.scanner
Date: 1994-07-06 17:18:46 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.366.0011509D@ccm.hf.intel.com>
Source record: 272166
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <2venrn$pvh@chnews.intel.com> N7LTD <cecil_walker@ccm.hf.intel.com> writes:
>Hey guys,
>Do you recall how you get the FT-470 to scan out of the normal ham
frequencies?

>cecil_walker@ccm.hf.intel.com

I guess we are neighbors (@ccm.hf.intel.com)!
Here are a few of the mods:

-=-

MARS Mod:

Effect: Enable extended 2m receive, 2m transmit

1) Make hard (paper) copy of all memory info
2) Turn radio off
3) Hold down up-arrow and down-arrow and turn radio on
4) Replace all memory contents

Notes: This mod wipes all memory contents. This is a "toggle"
mod in that it can be un-done by repeating the above steps.
The normal->MARS mod only wipes the memories. The MARS->
normal mod not only wipes the memories, it appears to do a
complete controller reset (see above).

Result: Receive range 130-180 MHz, transmit 140-151MHz (I
think, I haven't tried it.)

Attributed: Yaesu

-=-

Software UHF Receive Expansion:

Effect: extend UHF Rx to 500MHz without shrinking Tx range

How: Trick 470 into accepting big number in U register.

Caveat: This mod acts differently on different radios.

1) Turn the beep on. (Some, perhaps all, 470's require that
the key-press-beep function be on in order to do this.)
2) Program the frequency of 450.00 MHz simplex.
3) Set the repeater offset to zero (F/M RPT 0000) but DON'T
get out of the set mode (don't hit RPT again).
4) Turn the radio off then back on.

5) Set a "+" offset (press RPT twice).
6) Press the REV button one time.
7) The radio should now display 1450 MHz.(The radio will not operate at these frequencies. My service monitor shows that above 500 MHz the rx is very weak.)
8) Use the shifted down-arrow key to tune this frequency down to around 500 MHz (press F/M, press and hold down-arrow). Yes, this takes a while.
9) Store this in the "U" memory. (press and hold F/M until you hear two beeps, rotate tuning knob until "U" appears in upper left, press F/M again).
10) Reset the repeater offset to 5 MHz. (F/M RPT 0500 RPT)

Result: By selecting the "U" memory and the using the memory tune fuction (select "U" memory and then press MR), you can tune to the desired frequency and then store it in another memory.

Bugs: Above 500 MHz, some radios will let you tune up and down in frequency, some won't (they jump back to the ham band). Some radios will let you enter a frequency above 500 MHz on the keyboard while in memory tune mode, some won't.

Steps for setting the UPPER VHF limit to 200 MHz.

1. Program the frequency for 140.00 MHz *SIMPLEX*.
2. Press F/M, then RPT for the offset.
3. Enter the code 0000 into the keypad.
4. Shut the transceiver off, then turn it back on.
5. Press RPT twice (for a "+" (plus) indicated offset).
6. Press REV *ONE* time.
7. The radio should now display 1140.00 MHz.
8. Press F/M, then hold the down-arrow key to decrease the displayed frequency. Stop at 800 MHz.
9. Press RPT twice to select the "-" (minus) repeater offset.
10. Press REV once. You should have 200.000 MHz displayed.
11. Press RPT twice to select simplex.
12. Store this in the "U" memory. (See above steps...)
13. Press F/M then RPT then enter 0060 (600 Khz repeater offset) then press RPT again.

Steps for setting the LOWER VHF limit to 100 MHz.

1. Program the frequency for 140.00 MHz *SIMPLEX*.
2. Press the F/M, then RPT for the offset.
3. Enter the code 0000 into the keypad.
4. Shut the transceiver off, then turn it back on.
5. Press RPT twice (for a "+" (plus) indicated offset).
6. Press REV *ONE* time.
7. The radio should now display 1140.00 MHz.

8. Press F/M, then hold the down-arrow key to decrease the
displayed frequency. Stop at 1100 MHz.
9. Press RPT twice to select the "-" (minus) repeater offset.
10. Press REV twice. You should have 100.000 MHz displayed.
11. Press RPT twice to select simplex.
12. Store this in the "L" memory. (See above steps...)
13. Press F/M then RPT then enter 0060 (600 Khz repeater
offset) then press RPT again.

Have fun!

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6000. Central Jersey State Trooper Frequancies needed.

Newsgroup: rec.radio.scanner
Date: 1994-07-06 17:56:53 UTC
From: dharm@pyuxe.cc.bellcore.com
Message-ID: <2ver95$m0v@athos.cc.bellcore.com>
Source record: 272104
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I am looking for Central Jersey State Trooper Frequancies.
If someone has it, please post it here or e-mail me at dharm@cc.bellcore.com

thanks

6001. Freqs by Telnet??

Newsgroup: rec.radio.scanner
Date: 1994-07-06 18:06:09 UTC
From: Lee_Hines.M1@SMTP.esl.com
Message-ID: <Lee_Hines.M1-060794110944@m11002.esl.com>
Source record: 272148

I read recently (within the past 3-4 weeks) that there is a Telnet site where you can get CA frequencies. I wrote it down and promptly lost the info. If someone could post it again, I would appreciate it.

--
Lee Hines - Builder/Owner
Gator's Golf

Views expressed here are not necessarily those of my employer.

Go Gators - '91&'93 SEC Champs
Go Dolphins

(FSU.....just go
away)
Work is for people who don't fish, hunt or play
golf.

6002. PRO 23 Mods??

Newsgroup: rec.radio.scanner
Date: 1994-07-06 18:07:07 UTC
From: Lee_Hines.M1@SMTP.esl.com
Message-ID: <Lee_Hines.M1-060794111100@m11002.esl.com>
Source record: 272149

Are there any available?? Please post if there are.

--
Lee Hines - Builder/Owner
Gator's Golf

Views expressed here are not necessarily those of my employer.

Go Gators - '91&'93 SEC Champs
Go Dolphins

(FSU.....just go
away)
Work is for people who don't fish, hunt or play
golf.

6003. Re: Cellular on Non-Cellular channels?

Newsgroup: rec.radio.scanner
Date: 1994-07-06 18:10:50 UTC
From: dbushong@wang.com
Message-ID: <CsJ6I3.KM0@wang.com>
Source record: 272145

cgwh@chevron.com (Curtis Wheeler) writes:

>In article <2v263q$icm@search01.news.aol.com> media2k@aol.com (Media 2K) writes:
>>I have heard that it is possible to receive cellular frequencies (or
>>any frequencies, for that matter) on non-cellular channels by
>>entering in an "image" frequency.
>>If this is really possible, can someone post some details about this?
>>I am about to purchase a 2500XLT and do not want to modify it if it
>>is not necessary.

>Image reception is usually an undesired function of a receiver but it some
>cases is useful. Images are common in scanners because their receiver
>front ends are not very selective.

>To calculate an image frequency you need a couple of pieces of information.
>Mainly, the frequency you want to receive and the first intermediate frequency
>of your scanner. Multiply the IF by two and add or subract that number
>to/from the frequency you wish to hear. If the result is frequency you can
>program into your scanner, use it. Here's an example used to listen to
>aircraft.

>My scanner is not designed to be air band programable.
>I want to hear 135.4 MHz.
>The first IF of my receiver (in the specs) is 10.7 MHz.

>2 x 10.7 = 21.4
>21.4 + 135.4 = 156.8
>135.4 - 21.4 = 114.0 (won't work in my receiver)

>I program 156.8 into the scanner and I should be able to hear air traffic on
>135.4. Of course, I also will hear a whoever is using 156.8.

Of course, your scanner must be able to receive AM on 156.8, which
would be a little unusual. Aircraft radios from 118-135.975 use AM in
the US. Most scanners that don't receive aircraft don't have an "AM"
position and aren't able to detect AM signals.

Dave
--
Dave Bushong, Wang Imaging

6004. cellular law?

Newsgroup: rec.radio.scanner
Date: 1994-07-06 18:41:17 UTC
From: dhughes@prairienet.org
Message-ID: <2vetsd$k10@vixen.cso.uiuc.edu>
Source record: 272146

I have a friend who is taking a grad class, and the instructor has stated that it is not against the law to listen to cellular signals. Could someone please print a short chunk or synopsis of the 1986 law, so I can send it to class with him? Or can you direct me to a FAQ or file somewhere with this information? Thanks!
--

6005. Re: Need good book on federal freqs.

Newsgroup: rec.radio.scanner
Date: 1994-07-06 19:10:09 UTC
From: kenw@col.hp.com
Message-ID: <2vevih$onb@hp-col.col.hp.com>
Source record: 272151

I would highly recommend a new book "Master Frequency File", by James Tunnell and Robert Kelty. TAB Books. ISBN 0-8306-4131-9.

It includes nationwide listing for the following: FBI, DEA, SS, US Customs, IRS, US Immigration/Border Patrol, US Marshals, Prisons, NOAA Weather, US Forest Service, and Park Service.

The listings include information on channel, input/output frequency, call letters (if known), and subaudible tone. The information appears so complete, it is hard to believe the sources were not inside the govt. Get a copy while you can!

List price $29.95, available through your local book store.

6006. New AOR AR-8000

Newsgroup: rec.radio.scanner
Date: 1994-07-06 19:35:27 UTC
From: scollin@sapphire.win-uk.net
Message-ID: <47@sapphire.win-uk.net>
Source record: 272155

I notice a growing interest in this new scanner from AOR in the past couple of days.

I will have one these radios on loan from AOR (UK) for a while soon. I have been asked by AOR Japan to write a DOS utility to configure the factory presets for AOR national distributors.

I will have the opportunity to play with it while it is here. There are a few models in circulation here in the UK, but I am likely to be one of the first to see it in the flesh.

Although I am working on a job for AOR, I am NOT on their payroll and can take an unbiased look at the radio. I will post a review just as soon as I have had a chance to play. Is there anything anyone wants to know in particular? I have the chance find out if there is.

Simon

6007. Re: Serial EEPROM Help!

Newsgroup: rec.radio.scanner
Date: 1994-07-06 19:46:27 UTC
From: RokNrob@starbase.neosoft.com
Message-ID: <2vf1mj$f7s@uuneo.neosoft.com>
Source record: 272153

What

6008. FTP for Mods

Newsgroup: rec.radio.scanner
Date: 1994-07-06 19:53:00 UTC
From: KUBASHA@whqvax.picker.com
Message-ID: <1994Jul6.195300.5159@picker.com>
Source record: 272158

A while back someone posted here where to FTP for mods for scanners.
Well, I wrote it down somewhere but lost it! Does anyone know?

Thanks,

Joe kubasha@whqvax.picker.com

6009. Re: OPTO-456 First impressions

Newsgroup: rec.radio.scanner
Date: 1994-07-06 20:32:22 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-060794123424@m11106.esl.com>
Source record: 272154

In article <mike_diaz-050794165052@m11106.esl.com>, mike_diaz@smtp.esl.com (Mike Diaz) wrote:

> OPTO-456 first Impressions.
>
> Last week a friend of mine received his OPTO456 for the PRO-2006. It came
> without the video tape mentioned in the AD, but was otherwise complete. I
> guess they ran out of them, or havent finished it yet, he didnt call to
> ask.
>
>
> Scanstar standard version which is the primary control S/W that comes with
> the 456 had a much nicer user interface and look & feel to it, although
>....
> In fact as I write this, I decided to call and order one of my own.
> But alas, it is after hours here on the West coast and nobody answered, so
> Ill have to wait until tomorrow, but I will order one for my own use.
>

OPTO-456 Follow-up

I called and ordered my own 456 interface board today, and I found out some useful information about it. The video is no longer included with the package. They said that it was too confusing for the first group of users, apparently there was no manual at all with the thing when they first started shipping, *ONLY* the video. In thinking about, it my TV is in the living room and my bench is in another room, so a video version of a manual would not be much help. They threw together a manual and shipped that, but now they are working on a new improved manual that should be completed in a few days.
The control software that comes with the 456 (Scanstar) is neither the Scanstar standard nor the professional versions of the program, but a special version just to support the 2006/456 unit. Apparently there are features left out, that are standard in the full blown versions. Since they were left out I don't know what is missing.
Thats all for now.

Good listening
MAD

The opinions expressed here are | Covering 100KHz to 2GHz contiguous.
my own but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

6010. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-06 20:41:25 UTC
From: weisen@alw.nih.gov
Message-ID: <1994Jul6.204125.2169@alw.nih.gov>
Source record: 272159
Cross-posted to: rec.radio.scanner,rec.autos.sport

George Lyle (233789) (glyle@lynda.seas.ucla.edu) wrote:

: How can we hold the scannergeek responsible when even NBC, CBS, CNN,
: ABC, etc. can't keep their mouths shut about anything. Examples?

People make a conscious choice whether or not to watch the news. People don't choose what the scannergeek next to them gets to listen to. Big difference.

--Neil

6011. Cellular Phone Freq above 900 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-07-06 20:45:39 UTC
From: pjacobs@netcom14.netcom.com
Message-ID: <PJACOBS.94Jul6134541@netcom14.netcom.com>
Source record: 272160
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I have a PRO-46 Scanner which currently has the 800 Mhz cellular frequencies disabled, but I've noticed that I can pick up cellular conversations between 900-915 Mhz that my friend picks up on his scanner in the 860-890 Mhz range. Furthermore, his scanner does not pick up the conversations at 900-915 Mhz like mine.

Does anyone know why my scanner picks up the conversations at that range?? I'm thinking that I'm getting some "image", but I'm not sure.

Thanks,
Peter Jacobs
pjacobs@netcom.com

6012. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-06 21:01:08 UTC
From: glyle@isadora.seas.ucla.edu
Message-ID: <1994Jul6.210108.29010@enterprise.rdd.lmsc.lockheed.com>
Source record: 272163
Cross-posted to: rec.radio.scanner,rec.autos.sport

In article <CsIL7y.D51@world.std.com>, mtiernan@world.std.com (Michael C Tiernan) writes:
|> George Lyle (233789) <glyle@lynda.seas.ucla.edu> wrote:
|> > plaws@comp..uark.edu (Peter Laws) writes:
|> > [...] The public wants their info fast and unfiltered.
|> And children want to stick their hands into fire to see if it's
|> hot. Just because they want it doesn't mean it's what they
|> should have. Too bad our general public isn't mature enough to
|> deal with what they get for input.

Watch how you edit the attributions, Michael! I was the one who wrote the "fast and unfiltered" line, not Peter. He may or may not agree with it!

Like it or not, _we_ are the "general public". Some of us (the majority, hopefully) generally react in a mature fashion to the information they receive. Others do not and can be seen rushing to the scene of the action. This holds true at races, sporting events, natural disasters, and other happenings. Some like being in the action enough that they become firemen, paramedics, policemen, etc. Others find useful things to do on a volunteer basis. Others simply gawk.

I would not be thrilled if some self-appointed "mature" person decided what the "general public" could and could not be exposed to. I probably fall into their definition of "general public", and they into mine.

George Lyle

6013. SBE-10SM info wanted

Newsgroup: rec.radio.scanner
Date: 1994-07-06 21:11:12 UTC
From: tham@husc4.harvard.edu
Message-ID: <tham.773529072@husc4.harvard.edu>
Source record: 272162

Does anyone out there have a copy of Manual for SBE 4CH. crystal scanner Model SBE-10SM. I'm trying to figure out the formula for the crystal. I have a feeling that it is the same as regency scanners. This unit is a UHF 450-512Mhz only scanner. Even if you have other SBE models that have formula for UHF band, that would help too.

Thanks in advance..

FST

6014. NORAD Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-06 21:15:02 UTC
From: wwhitby@aol.com
Message-ID: <2vf6sm$on8@search01.news.aol.com>
Source record: 272161

Does anyone have a listing of the VHF/UHF air frequencies used by NORAD.
Please e-mail me a copy if you have them.

Thanks in advance,

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

6015. BC700A Mods

Newsgroup: rec.radio.scanner
Date: 1994-07-06 23:50:46 UTC
From: gregg43@news.delphi.com
Message-ID: <2vfg0m$eu9@news.delphi.com>
Source record: 272164

Are there any Mods for the BC700A?

6016. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS

Newsgroup: rec.radio.scanner
Date: 1994-07-07 00:27:57 UTC
From: tim@tbd.oau.org
Message-ID: <Nw0GuAWGBh107h@tbd.oau.org>
Source record: 272081

In <011307Z04071994@anon.penet.fi> an94645@anon.penet.fi writes:
>------------- Begin Forwarded Message -------------
>GAY? LESBIAN? BISEXUAL?
>Want to correspond with others like yourself in your own city or nationwide?

What does this shit have to do with radio communications? Then the little faggot who posts it has to hide behind an annonymous id. Sure I'd like to correspond with these little faggots, but letter bombs are as illegal as a cellular capable scanner.

--
Tim Dobbins | Mail Based Archive Server On-line!
Internet: tim@tbd.oau.org -or- | For filelist send "dir" message to:
tim@gate.net -or- | listserv@tbd.oau.org
tdobbins@aol.com |

| SAVE THE UNITED STATES OF AMERICA: IMPEACH CLINTON!!!! |

6017. CPU/PROM Chips & Info Needed!

Newsgroup: rec.radio.scanner
Date: 1994-07-07 01:30:54 UTC
From: steven@sgb.oau.org
Message-ID: <CsJqvJ.J42@sgb.oau.org>
Source record: 272080
Cross-posted to: alt.2600,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

I am looking for sources of the CPU and PROM chips for cellular-capable scanners. If anyone knows how they were changed to be no longer easily modifiable -- I'd appreciate some feedback.

It is my opinion that all that changed was the chip(s) used. Since the non-blocked chips are used in the international versions I would imagine they are STILL MANUFACTURED.

Since the dumb, stupid twits in the government made this law, it leaves only two choices:

[1] Order from overseas and pay the customs duty.
[2] Order in the chips as spare parts and repair our scanners!

While I am surprised no-one has done it yet, it is NOT against the law to package up the chips, parts, instructions and sell them to radio hobbiests to repair their own scanners to cover the FULL 800 mhz band. I mean Radio Shack could bag these as kits of parts and resell them!

Why is this not occuring? Are we lacking interested hobbiests?

The law does NOT prohibit ANY of the following:

[1] Manufacturers selling the individual chips and instructions to restore the omitted frequency ranges. They could say the ranges were omitted in order to obtain FCC certification.

[2] Raw materials such as chips, semiconductors, and even subassemblies (which are NOT restricted by the FCC or any other government agency). This is why the Opto-456 can permit a non-modifiable Pro 2006 scanner to receive cellular.

[3] Manufacture of kits (see above) for users to assemble. Keep in mind that users do NOT need FCC certification and are not considered manufacturers if they are not made for purpose of resale.

[4] Servicing a scanner and or making modifications to a prior owned scanner under a contract for certain work to be performed such as adding cellular via replacement of chips is also NOT illegal since the scanner was previously manufactured or imported as an approved product. Admittedly, the changes would cause it to lose that certification, meaning you could not legally resell the modified version, but the law does NOT prevent you from owning or using a none certified scanner. The fact that it becomes no longer certified thus

becomes insignificant now.

I am posting this message to alt.radio.scanner, rec.radio.scanner, and also alt.2600 because the folks in alt.2600 seem to always have the information first, for example with cantor and seigel, they had the scoop on name, address, phone numbers, network data, right down to the fact they had a nice pool to be nicely attacked with all sorts of "vandalism" (since they had already electronically vandalised the network with advertising, it's an appropriate recourse). Another example, cellular phones, this is where you can find out how to alter them, change them, reprogram them, and yes, use them as cellular RECEIVERS (anyone listening out in bonehead government-land??? We need to BAN CELLULAR PHONES!!!)

Anyhow, this is an open solicitation for ALL available information on names, addresses, phone numbers, of where spare parts for the various popular scanners can be obtained, bought, etc, and if anyone knows what the changes are in the newer not easily altered units? I suspect just a change in the chip used.

I figure if I can't extract the info from the rec.radio.scanner section, perhaps one of the electronic hackers in the alt.2600 forum will have done this already.

Back when it was add the resistor, move the diode, remove the diode, change the diode, the modifications were out within DAYS of the units being available.

Now all the geniuses who provided this information seem to have simply given up or quit. I really do not get it. I'd imagine it would be a bigger challenge now than before. I'd also imagine the radio amateurs who are known for their homemade equipment and mods would not have wasted any time in determining what changes would be needed.

This does not appear to have happened yet. I do not understand why.

I do not buy the brainwashing that "it can not be done". Just because the federal government bought the story from the manufacturers does not make it so. A company COULD go into business restoring the cellular by replacing the chips. The law would not prevent that from being done. The scanners met the letter of the law by not being easily modifiable. So, maybe they are hard to modify. I still do not see why everyone has given up.

I'll admit its easier to dump the U.S. sales of scanners and buy from overseas, but I do not see why no-one has investigated what it takes to fix these broken scanners that are missing two slices in the 800 mhz band.

It is not against the law to sell the parts or modify a previously owned unit (you are not manufacturing it, as it was already manufactured, you are not importing it either, you are professionally modifying it for cellular as a contract service being performed).

Anyone have any answers? I would appreciate any information, addresses, names, phone numbers, tips, prices, part numbers for what needs to be replaced in these broken scanners (such as the Pro-43 As!) Also I am still working on the directory of international dealers. If you wish to pass

along information on them as well (name, address, phone numbers, fax and voice if possible, charge cards accepted), I'd appreciate it.

Please e-mail this information to the account:

scaninfo@sgb.oau.org

I have had it created for the purpose of data collection.

I will share the results with everyone when I have them compiled. Please do not think because "someone else" will pass the info along, you do not have to. I do not mind duplicate information... I'd appreciate everyone's help. If we work together, we can have even the latest FCC approved non-modifiable scanners receiving cellular in every hobbiest's hand!

All constructive comments would be appreciated.

Thank you for your assistance,

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6018. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS

Newsgroup: rec.radio.scanner
Date: 1994-07-07 01:51:10 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773563498@f747.n115.z1>
Source record: 272120

-=> Quoting an94645@anon.penet.fi to All <=-

an> ------------ Begin Forwarded Message ------------
an> GAY? LESBIAN? BISEXUAL?
an> Want to correspond with others like yourself in your own city or
an> nationwide? Need to talk to someone who understands where you are

Oh, Boy...COMMERCIAL ANNOUNCEMENTS?!?!

We now go back to our regularly scheduled programming, already in
progress.

6019. Re: New Pro-43 can't be moded?

Newsgroup: rec.radio.scanner
Date: 1994-07-07 01:52:45 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773563499@f747.n115.z1>
Source record: 272121

-=> Quoting Allen Tom to All <=-

AT> From: atom@netcom.com (Allen Tom)
AT>
AT> I just bought a RS Pro-43, and I noticed that the FCC ID is AA020-300A
AT> which differs from the old ID # which didn't have the A at the end.
AT> Does this mean that this Pro43 can't be modified for cellular?
AT>

Hi, Allen...I just read on another net that if you have the letter 'A'
before your serial number, the unit cannot be modified. Is this the case?

Jerry

6020. Re: New Pro-43 can't be moded?

Newsgroup: rec.radio.scanner
Date: 1994-07-07 01:54:02 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773563500@f747.n115.z1>
Source record: 272122

-=> Quoting Allen Tom to All <=-

AT> This is the stuff on the label on the back of my Pro43:
AT>
AT> Model No: 20-300
AT> FCC ID: AA020-300A
AT> S. No. A003974 <-----------

The arrow tells the story. It is not modifiable.

Jerry

6021. Re: Scanner w/ Alpha-nume

Newsgroup: rec.radio.scanner
Date: 1994-07-07 02:00:11 UTC
From: JEFF.KELLEY@sable.com
Message-ID: <D0B64202@sable.com>
Source record: 272169

```
ME>Thanks for the info. Many people have mentioned the AR8000. I'm
ME>looking into that model.

With all this talk about the AR8000, how about telling me how much one
of these costs?

Thanks,

Jeff Kelley
-jeff.kelley@sable.com

* OLX 2.1 * Press any key to continue or any other key to quit

================================================================================
Sable OnLine! - The Next Generation of Online Service.
================================================================================

=======
```

6022. Police MDT (Mobile Data Terminal) Monitoring

Newsgroup: rec.radio.scanner
Date: 1994-07-07 02:45:10 UTC
From: symedia@powergrid.electriciti.com
Message-ID: <symedia.17.0015C165@powergrid.electriciti.com>
Source record: 272171

Does anyone know any of the specifications of the MDT's that the police use? I have all of the respective freqs, but would like to be able to see what's going on again! Thanks...

6023. Scanner Antenna

Newsgroup: rec.radio.scanner
Date: 1994-07-07 02:53:09 UTC
From: Mike_Cook@walnut.prs.k12.nj.us
Message-ID: <1994Jul06.225309.964896@walnut.prs.k12.nj.us>
Source record: 272167

I am interested in a wide range scanner antenna that will adequately cover from 40 Mhz through 950 or so. I am looking for the least expensive antenna with the best gain characteristics. Receive only, to mount on an existing mast right below a 450 Mhz repeater antenna (is that a bad idea?) I have pretty much narrowed my selection to the various "discone" style antennas and the Channel Master "MoniTenna" and its close relative the Antennacraft "Scantenna".

Any comments on the value of one over the other? My understanding is that the Discones have a flat unity gain or worse across the bands, while the MonitTenna has positive gain in all of the bands.

Does any mail order dealer carry the MonitTenna? I can special order it from something like $45 from a local dealer.

-----Princeton Regional Schools takes no responsibility for the accuracy or content of the above message.

6024. Re: Cellular Phone Freq above 900 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-07-07 03:24:05 UTC
From: media2k@aol.com
Message-ID: <2vfsgl$u4@search01.news.aol.com>
Source record: 272168

"Article number 6252 has been expired or cancelled."

Pardon me, but does this message mean that the contents of the
posted message was cencored or removed by someone?

Or is this some sort of internet thing.

6025. Tennelec

Newsgroup: rec.radio.scanner
Date: 1994-07-07 04:32:24 UTC
From: dhartzell@ins.infonet.net
Message-ID: <2vg0go$g9s@insosf1.infonet.net>
Source record: 272170

Anyone interested or does anyone know anything about the two prgrammable
Tenelec Scanners?

6026. freq of cordless freq N

Newsgroup: rec.radio.scanner
Date: 1994-07-07 05:26:00 UTC
From: john.tant@exchange.com
Message-ID: <2d.8403.603.0N85091E@exchange.com>
Source record: 272076

```
>>Message-ID: <2vc3g3$1kb@hamblin.math.byu.edu>
>Newsgroup: rec.radio.scanner
>Organization: Brigham Young University

>Could someone please, please e-mail me the freq of base to handset, NOT
>hand set to base, freq.

>thnx
>tatsuya

46.xx instead of 49.xx

John

---
* WR # 365 * Alas, poor tagline. I wrote it well.....
```

6027. Re: PD trying to discour

Newsgroup: rec.radio.scanner
Date: 1994-07-07 05:26:00 UTC
From: john.tant@exchange.com
Message-ID: <2d.8404.603.0N85091F@exchange.com>
Source record: 272077

> I've heard of similiar things happening with motorola trunk
>systems. Some of them have the ablility to "beep" a little tune on a
>channel after the conversation trunks, keeping your scanner from scanning
> I luckily only have to deal with Columbus' roaming data channel.

> Bob

Bob,

Down in Corpus Christi, they have a GE system that plays the little
"we bring good things to light" theme. I hope it crashes and burns on
them because the cops think it's funny that law-abiding citizens can't
listen to their tax dollars at work. It really (expletive verb) me
off that they take such an attitude. All I wanted to do was find out
where accidents were so I could stay the hell outta their way instead
of getting stuck in traffic behind a bunch of rubberneckers.

John

---
* WR # 365 * Alas, poor tagline. I wrote it well.....

6028. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-07-07 05:26:00 UTC
From: john.tant@exchange.com
Message-ID: <2d.8405.603.0N850920@exchange.com>
Source record: 272078

>Message-ID: <2vck1l$555@bambam.cts.mtu.edu>
>Newsgroup: rec.radio.scanner
>Organization: Michigan Technological University

>Victor Healey (vhealey@crl.com) wrote:
>
>Jeff I agree. Radio shack tends to employ folks little more then the
>street people that salvage the dumpsters behind the grocery stores. I
>never trust anything they have to say of a technical nature and seldom
>trust them to even know what radio shack currently sells.
>
>As they say others mileage may differ but I bet not by much!
>

>I tried to get a summer job at Radio Shack about 8 years ago. During
>the interview (after some AI program on a Tandy told the interviewer
>that I wasn't the type of person who would take drugs or steal from the
>till) I was told that I was "overqualified." The guy went on to say
>that he didn't want to hire me because "If someone walked in wanting
>to buy a new stereo because his made static every time he turned the
>volume knob, You would suggest he try a $0.50 potentiometer first to see
>if that fixes the problem." The guy then said everything was based on
>commission, and it's better to sell a big stereo than some dumb little
>part. Maybe that's why the people that work there will say anything
>to get a nice big commission on a scanner...

Tom,

This opinion of RatShak "salesmakers" is precisely why, when I worked
there for a couple of years (p/time) I would _A L W A Y S_ wear my little
ham radio nametag underneath the RS tag. It was amazing how many people
would see that tag and walk right past the mgr and come to talk to me. I
had finally had enough during my second Christmas with them. They cut the
commission rates for their staff on the Friday after Thanksgiving (at that
time from 6.75 to 5.5%) because "you're going to make lots of easy sales
that you wouldn't get, anyway." Rates went back up after New Years. The
moral of THAT story is that if you find a salesman you like, do him a big
favor and buy from him before Thanksgiving. He probably isn't allowed to
tell you that.
Most of the store managers I knew weren't like you described. However,
the ones who went on to become district managers were.
Just my opinion (certainly NOT that of Tandy Corp.!)

John

---
* WR # 365 * This is a tagline?

6029. freqs for sf Centre?

Newsgroup: rec.radio.scanner
Date: 1994-07-07 05:43:14 UTC
From: slee@netcom.com
Message-ID: <sleeCsK2K2.JCx@netcom.com>
Source record: 272174

Does anywone have the frequencies for SF Centre? You know Security and
the like.
--
****
Sherwin Lee
slee@netcom.com or slee@eis.calstate.edu
****

6030. Motorola 'Secure-Clear' Cordless Phones (repost)

Newsgroup: rec.radio.scanner
Date: 1994-07-07 05:43:26 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2vg4lu$e78@umcc.umcc.umich.edu>
Source record: 272172
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.privacy,alt.toys.hi-tech,talk.politics.crypto

In the last several weeks, I've noticed some questions &
discussion concerning Motorola's 'Secure-Clear' line of cordless phones.
Below is a REPOST of something I originally wrote & posted a few years
ago. I assume Motorola is still using the voice-inversion technology for
their 'Secure-Clear' line, although I'm not sure if they're continuing to
misinform the public about the level of protection
offered by its primitive & weak transmission-security method.

****

"Why a Motorola Cordless Phone?"

"Cordless phone eavesdroppers are everywhere" says pro golfer Lee
Trevino, spokesman for Motorola. "But with my Motorola Secure Clear
Cordless Phone, my private conversations stay private."

So says a glossy brochure (# BA-81) that Motorola's Consumer Products
Division (telephone # 800/331-6456) distributes to promote their new
'secure' cordless phone product line. When I first read the cover of the
brochure, I said to myself, "Wow, I wonder what sophisticated technology it
must use?" Motorola has been developing and selling secure voice & data
systems, from DVP & DES up to the current 'FASCINATOR' algorithm for
classified military & federal government secure voice for many years.

Page Two of the slick brochure has some rhetorical questions and answers:

****
Why Motorola Cordless Phones?

Q. What is meant by Secure Clear?

Secure Clear is an exclusive technology that assures you no
eavesdroppers will be able to use another cordless phone, scanner
or baby monitor to listen in to your cordless conversations.

Q. How difficult is it to eavesdrop on someone's cordless
conversation?

It's not difficult at all. Simply by operating a cordless
phone, scanner or baby monitor on the same channel as you're on, an
eavesdropper can listen in. Security codes alone DO NOT prevent
eavesdropping.

Q. What are security codes and what do they do?

Security codes allow the handset and base to communicate with
each other. With the Secure Clear cordless phone, one of 65,000

possible codes are randomly assigned every time you set the handset in the base. This means that a neighbor cannot use his handset to link with your base and have phone calls charged to your phone number.

Q. Describe the basic difference between Secure Clear and security codes.

Secure Clear protects against eavesdropping. Security codes prevent the unauthorized use of your phone line. Usually all cordless phones have security codes, but not both.

Q. What is the purpose of the Secure Clear demo?

The Secure Clear demo is a unique feature of Motorola phones that allows you to actually experience what an eavesdropper would hear when trying to listen to your conversation. By pressing the SECURE DEMO button on the Motorola phone, you and the person on the other end will hear the same scrambled noise an eavesdropper would hear.

****

Hmmm... I went to the Motorola Secure Clear cordless phone display at a Sears store, took a deep breath, & hit the demo button in order to hear what the "scrambled noise" which would protect a conversation from eavesdropping sounded like. White-noise like that of a digital data stream? Rapid analog time-domain scrambling? No, the scrambled "noise" sounded like inverted analog voice. That's right, they're using the 40 or 50 year old (3kHz baseband) speech inversion system --the same one which they stopped marketing for their commercial two-way radio gear about a decade ago-- to make Lee Trevino's & other ignorant people's "private conversations stay private."

For those of you not familiar with speech inversion, it simply flip-flops the voice spectrum so that high pitched sounds are low, & vice versa. It sounds a lot like Single Side Band (SSB) transmissions, although it is somewhat tricky to get a SSB receiver to decode speech-inversion scrambling. Prior to 1986, several companies -- Don Nobles, Capri Electronics, etc., sold inexpensive kits or scanner add-ons that could be used to decode speech inversion. Several electronics magazines also published schematics for making your own from scratch, at a cost of about $5. After the Electronic Communications Privacy Act of 1986, it became illegal to decode or decipher encrypted communications which you weren't a legitimate party to, so the standard practice of selling these quasi-legal products as 'experimental kits' or 'for educational purposes only' became common.
Today, some companies will not specifically sell a 'speech-inversion descrambler,' but instead market a 'speech inversion scrambling system' which means the kit will encode as well as decode speech inversion, although most people buy them simply to hook up to their scanners & monitor the few public safety agencies and business that (still) use speech-inversion

scrambling.

Yes, technically, it is a felony for you to use a speech-inversion descrambler to monitor these Motorola 'Secure Clear' cordless. Or for that matter, the new Radio Shack DUoPHONE ET-499, cordless phone that also depends on speech-inversion for privacy protection. The public utility of the ECPA has been argued about ever since before it was enacted. It is rather obvious that the ECPA was pushed upon the ignorant, money-hungry Congress by the powerful (& wealthy) Cellular Telephone Industry Association (so the CTIA could propagate misinformation to the public, but that's another story...). I also realize that the 46/49MHz cordless phone channels are apparently allocated for analog-voice only.

Despite the ECPA, it is unconscionable to me that Motorola --who surely knows better-- would produce the slick brochure & specifically market the 'Secure Clear' line as being invulnerable to eavesdropping. Their wording unequivocally gives the impression that the 'Secure Clear' conversations are secure, not only from other cordless phone & baby monitors, which have several common frequencies, but also against communications hobbyists with scanner radios.

It is bad enough that many public safety officers still think that by using the 'PL' ('Private Line,' also known as CTCSS) setting on their Motorola two-way radios, no one else can listen in. While the 'Private Line' fiasco might be attributable to misconception on the part of the radio users, in my opinion, Motorola's Consumer Products Division has to know that there are thousands of scanner monitors who have the technical ability to defeat the speech-inversion 'Secure Clear' system. A Motorola representative at the 1992 Summer Consumer Electronics Show in Chicago confirmed this to me, with a smirk on his face.

There's a big difference between Motorola's aforementioned wording & that of Radio Shack's on page 3 of their 1993 catalog:

New! Voice-Scrambling Cordless Telephone
DUoFONE ET-499. Cordless phones are great.
But since they transmit over the airwaves,
your private conversations could be
monitored. Now you can enjoy cordless
convenience with voice scrambling for
added [emphasis theirs] privacy protection --
frequency inversion makes transmissions
between the handset and base unintelligible...

It's not "Motorola should know better." Motorola DOES know better. Otherwise, they wouldn't be spending time or money on truly 'secure' (based on current technology, of course) communications and transmission security systems for the government.

I sure am thankful that our federal government & military users of secure-mode communications systems don't rely on Motorola's marketing department to provide factual information as to the level of security

provided by Motorola equipment. Too bad that for the most part, the public does.

For anyone looking for a cordless telephone that offers a decent level of privacy, take a look at some of the new cordless phones that use the 900MHz band. Most of the new ones not only use CVSD digital voice for the RF link, but also direct-sequence spread spectrum. By no means are these phones secure ('encoded,' yes, but 'encrypted,' generally not), despite some of the wording in their owner's manuals. Some of the Tropez 900 models actually seems to generate a very weak analog harmonic in the 440MHz spectrum, but you'll still be a lot better off than poor Lee Trevino!

Tim Tyler

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI
48197 If you must drink & drive, please wear a condom.

6031. Online California FCC Database

Newsgroup: rec.radio.scanner
Date: 1994-07-07 06:32:48 UTC
From: victor@netcom.com
Message-ID: <victorCsK4uo.z5@netcom.com>
Source record: 272075

I am aware of and have accessed the frequency database
available via telnet from tcomeng.com

The login used to be fcc with passwd FCC
This dosent seem to work anymore.

Anyone know if it's been discontinued or if the
password has simply been changed?

Any other available FCC search engines for California ?

victor@netcom.com

6032. Mobile use of scanners

Newsgroup: rec.radio.scanner
Date: 1994-07-07 06:41:07 UTC
From: linley@netcom.com
Message-ID: <linleyCsK58K.1zw@netcom.com>
Source record: 272079

What is the Title/Section/etc of the law that exempts amateur radio equipment
from the anti-mobile-scanner laws? Is it a federal or state law. I'm in CA
and would like to have a copy of the law in case any difficulties arise.
Thanks in advance.

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur radio: KE6EQZ
-=-=-=-=-=-=-=- "Another visitor. Stay a while.... Stay FOREVER!" -=-=-=-=-=-=-

6033. Re: NORAD Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-07 08:44:50 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.367.0008BF8F@ccm.hf.intel.com>
Source record: 272039

In article <2vf6sm$on8@search01.news.aol.com> wwhitby@aol.com (Wwhitby) writes:

>Does anyone have a listing of the VHF/UHF air frequencies used by NORAD.
>Please e-mail me a copy if you have them.

Here are some freqs I have for NORAD.

*NORAD
1 228.7000 CH. 1 AM
2 233.6000 CH. 2 AM
3 238.7000 CH. 3 AM
4 239.2000 . AM
5 254.2000 . AM
6 260.8000 . AM
7 264.6000 . AM
8 270.2000 . AM
9 273.4000 CH. 4 AM
10 276.1000 . AM
11 278.4000 CH. 5 AM
12 292.8000 CH. 6 AM
13 318.4000 CH. 7 AM
14 338.1000 CH. 8 AM
15 361.8000 . AM
16 364.2000 CH. 9 AM
17 364.9000 . AM

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6034. Re: CPU/PROM Chips & Info Needed!

Newsgroup: rec.radio.scanner
Date: 1994-07-07 08:58:27 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.368.0008F9A6@ccm.hf.intel.com>
Source record: 272038
Cross-posted to: alt.2600,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

In article <CsJqvJ.J42@sgb.oau.org> steven@sgb.oau.org (Steven Bradley) writes:
>While I am surprised no-one has done it yet, it is NOT against the law to
>package up the chips, parts, instructions and sell them to radio hobbiests
>to repair their own scanners to cover the FULL 800 mhz band. I mean Radio
>Shack could bag these as kits of parts and resell them!

You won't see Radio Shack do anything that even comes close to what you want.
Remeber, RS is the company that pulled all of its double conversion scanners
off the market in New Jersey because word got out that cellular images could
be heard on these scanners. They also supported the ECPA if I remember
correctly.

If you order a new micro from RS they will send you the one will cellualr
blocked. You will have to order your scanners and parts from some other
country like Canada.

While I agree with you, I think the issue will die down as more digital
cellular is used. This will put an end to cell monitoring for most people
(although with the advent of DSP/sound cards for the computer, new
possibilities may open up).

IMO, cellular monitoring is one of the most boring aspects of scanning anyway
(except maybe at 3am).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6035. Pro 2026 questions

Newsgroup: rec.radio.scanner
Date: 1994-07-07 11:10:31 UTC
From: tgollin@andy.bgsu.edu
Message-ID: <tgollin-070794141031@m32-34.bgsu.edu>
Source record: 272101

Hello all,

I am a newby to this group, and i have a couple of questions. I own a pro 2026 and after reading about other scanner mods, does the 2026 has any mods needed done to it? Or is it good the way it is? I think i can pickup cellular freqs', the scanner goes all the way up to 950 Mhz. Where are all of the cellular freqs' located? (not like i would listen to them because it is illegal) i just want the cell freqs' so i can avoid them, so i can't get in trouble.

Is there anything i should know about the 2026? Are scanners illegal in VA, WVA, and North Carolina? What is the best antenna to use with the 2026? Answer to any and all questions would be app, post or email fine.

--
"I'm the roadkill on the information superhighway"

Todd Golling tgollin@andy.bgsu.edu
505 Clough St BowlingGreen, Ohio 43402
419-353-7223

6036. Re: FTP for Mods

Newsgroup: rec.radio.scanner
Date: 1994-07-07 12:21:13 UTC
From: john@aio.jsc.nasa.gov
Message-ID: <2vgrvp$es7@pendragon.jsc.nasa.gov>
Source record: 272082

In article 5159@picker.com, KUBASHA@whqvax.picker.com () writes:
> A while back someone posted here where to FTP for mods for scanners.
> Well, I wrote it down somewhere but lost it! Does anyone know?
>
> Thanks,
>
> Joe kubasha@whqvax.picker.com

oak.oakland.edu

6037. Need AOR-3000 Software/Info

Newsgroup: rec.radio.scanner
Date: 1994-07-07 12:50:20 UTC
From: gzinzell@astro.ocis.temple.edu
Message-ID: <2vgtmc$nfi@cronkite.ocis.temple.edu>
Source record: 272084

I'm looking for some additional info on controlling an AOR-3000A via the serial port. The stuff in the manual seems incomplete. Anybody have some software they would be willing to share or a list of commands the scanner will accept. Thanks for the help.

Gary

Email: gzinzell@astro.ocis.temple.edu

6038. Re: Tennelec

Newsgroup: rec.radio.scanner
Date: 1994-07-07 12:52:24 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CsKMFD.I17@nntpa.cb.att.com>
Source record: 272083

dhartzell@ins.infonet.net asked:

> Anyone interested or does anyone know anything about the two
> prgrammable Tenelec Scanners?

From the FAQ "BUYING A USED SCANNER RADIO," by Bob Parnass, AJ9S

Tennelec

"Manufactured the first synthesized scanners. Company went
out of business several years ago. Schematics and parts
difficult to obtain. Radios reputed to be poor performers.
Got my MS-2 and MCP-1 basket cases for free and sometimes
regret taking them. Not worth fixing unless you have
access to DTL/RTL chips and circuit diagrams."

--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6039. Re: Cellular Phone Freq above 900 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-07-07 13:34:54 UTC
From: Tim.Stammers@dartmouth.edu
Message-ID: <2vh09u$abf@dartvax.dartmouth.edu>
Source record: 272086
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <PJACOBS.94Jul6134541@netcom14.netcom.com>
pjacobs@netcom14.netcom.com (Peter Jacobs) writes:

> I have a PRO-46 Scanner which currently has the 800 Mhz cellular
> frequencies disabled, but I've noticed that I can pick up cellular
> conversations between 900-915 Mhz that my friend picks up on his
> scanner in the 860-890 Mhz range. Furthermore, his scanner does not
> pick up the conversations at 900-915 Mhz like mine.
>
> Does anyone know why my scanner picks up the conversations at that
> range??

I have the same kind of thing happening where I am receiving cell calls
around the 450. Mhz range. Who knows???

- Tim \\\|///
\\|// Tim.Stammers@Dartmouth.edu
0 0
-----uuu--U--uuu-----

6040. Re: DANGER the government wants you blind deaf and dumb

Newsgroup: rec.radio.scanner
Date: 1994-07-07 13:53:04 UTC
From: thutt@clark.net
Message-ID: <2vh1c0$fn3@explorer.clark.net>
Source record: 272085
Cross-posted to: can.infohighway,comp.org.eff.talk,comp.dcom.telecom.tech,rec.radio.scanner,can.legal

In article <CsAoB4.DrA@raven.alaska.edu>,
Floyd Davidson <floyd@hayes.ims.alaska.edu> wrote:
>In article <1Wt4kiubGUOJ066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos)
writes:
>>In article <1994Jun30.104821.24271@amoco.com>, lewall@amoco.com wrote:
>>>
>>> Chris, take a look at the latest offerings from whatever data comm vendor
>>> you prefer. Look for a NON-INTRUSIVE FIBER TAP .... about 30 bucks and an
>>> idiot could put this a piece of fiber.
>>> Just my $.02 worth to the fiber tap discussion.
>>> Larry
>>>
>>
>>Anyone in the data-comm field knows there's no such thing as non-intrusive
>>fiber taps. Anyone w/any ELEMENTARY physics background will confirm this.
>>Come on people, you gotta stop looking for computer supplies in your
>>J.C. Whitney catalogs...If the catalog states non-intrusive, they're
>>trying to sell you a line of crap; what? false advertising? naaaahhhh....
>
>I've been working with telecom fiber cables for a decade, and haven't
>seen one yet that looked like it could be tapped without first applying
>at least an axe, and maybe a hacksaw. I'd sure like to see this $30
>non-intrusive tap that an idiot can apply!
>

A non-intrusive fiber tap is an absolute reality, but it does not cost
$30, and it is not trivial.

Normally, most of the light in a fiber is internally reflected. If you
bend the fiber too much, it will start to leak out, providing a drop that
is detectable.

But, it is possible to bend the fiber 'just the right amount' so that an
undetectable amount of information is not internally reflected -- it is
this information that forms the tap. It needs to be amplified, but it
forms a valid tap.

This was documneted in one of the CACM NewsBytes some years back.

6041. BC8500XLT poor Air Freqs Reception

Newsgroup: rec.radio.scanner
Date: 1994-07-07 13:54:18 UTC
From: tbohr1@ed8751.pto.ford.com
Message-ID: <2vh1ea$edq@ef2007.efhd.ford.com>
Source record: 272087

My brother-in-law bought a BC8500XLT and hooked it up to his roof antenna
and was disappointed w/ the aircraft frequency reception quality.
The signals he gets from the tower are weak and also some static
is audible also. When using the small telescoping antenna that
came w/ the unit. the problem was even worse, introducing some hi-pitched
squirelly noise that seemingly came from inside the unit. Signals
from the planes themselves are OK.

The comparison we used were his RS Pro2006 and my BC890XLT using the same
antennae, external speakers, etc. both of these units gave good reception
on all air freqs.

Anyone know if this is inherent in the design (triple conversion)
or is there a mod to improve this somehow? thanks.

Tim B.

6042. Re: Online California FCC Database

Newsgroup: rec.radio.scanner
Date: 1994-07-07 14:14:17 UTC
From: jeffg@loki.engr.sgi.com
Message-ID: <2vh2jp$ic2@fido.asd.sgi.com>
Source record: 272088

In article <victorCsK4uo.z5@netcom.com>,
Victor Nowik <victor@netcom.com> wrote:
>
> I am aware of and have accessed the frequency database
> available via telnet from tcomeng.com
>
> The login used to be fcc with passwd FCC
> This dosent seem to work anymore.
>
> Anyone know if it's been discontinued or if the
> password has simply been changed?

I received this response from daryl@tcomeng.com:

"Some major system and network improvements are in progress. FCC
will return soon."

6043. Re: CPU/PROM Chips & Info Needed!

Newsgroup: rec.radio.scanner
Date: 1994-07-07 15:10:34 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <CsKsto.4op@cbnewsc.cb.att.com>
Source record: 272091
Cross-posted to: alt.2600,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.equipment

In <CsJqvJ.J42@sgb.oau.org> steven@sgb.oau.org (Steven Bradley) states:

|I am looking for sources of the CPU and PROM chips for cellular-capable
|scanners. If anyone knows how they were changed to be no longer easily
|modifiable -- I'd appreciate some feedback.

|It is my opinion that all that changed was the chip(s) used. Since the
|non-blocked chips are used in the international versions I would imagine
|they are STILL MANUFACTURED.

|Since the dumb, stupid twits in the government made this law, it leaves
|only two choices:

| [1] Order from overseas and pay the customs duty.

However, this is probably restricted for certain scanners that default
their scan increment to 30Khz. European cellular apparently scans in
25Khz steps, so you are probably restricted to North American countries
(What do South American countries use? North American cellular standards?)
Are there other areas of the world that use 30Khz increments?

| [2] Order in the chips as spare parts and repair our scanners!

Can the newly-imported AOR-1000s be reprogrammed via jumpers and
keyboard strokes as printed in Bornestein's "Guide to the AR-1000?"

6044. M-400 Multimode Decoder Output to Computer

Newsgroup: rec.radio.scanner
Date: 1994-07-07 15:11:37 UTC
From: kmorrill@strauss.udel.edu
Message-ID: <2vh5v9$1sm@strauss.udel.edu>
Source record: 272090

How can I send output intended for my printer into my computer instead?

--
Ken Morrill <kmorrill@strauss.udel.edu>

6045. Re: Motorola 'Secure-Clear' Cordless Phones (repost)

Newsgroup: rec.radio.scanner
Date: 1994-07-07 15:18:57 UTC
From: horak@convex.com
Message-ID: <horak.773594337@convex.com>
Source record: 272089
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.privacy,alt.toys.hi-tech,talk.politics.crypto

In <2vg4lu$e78@umcc.umcc.umich.edu> tim@umcc.umcc.umich.edu (Tim Tyler) writes:

> For anyone looking for a cordless telephone that offers a decent level
>of privacy, take a look at some of the new cordless phones that use the
>900MHz band. Most of the new ones not only use CVSD digital voice for the
>RF link, but also direct-sequence spread spectrum. By no means are these
>phones secure ('encoded,' yes, but 'encrypted,' generally not), despite some
>of the wording in their owner's manuals. Some of the Tropez 900 models
>actually seems to generate a very weak analog harmonic in the 440MHz
>spectrum, but you'll still be a lot better off than poor Lee Trevino!

> Tim Tyler

The Tropez model I have does generate several weak signals in the 400
MHz band. I have not been able to receive these further than 20 to 30
feet away. The handset seems to generate a lot of signals. Even when
the signals are full quieting, the voice on the signal is very weak.
In my opinion, the Tropez is fairly secure as far as analog harmonics
go. There are several things I don't like about the phone. It beeps
and has tremendous static when changing channels sometimes.
Occasionally, it has unexplained static. The battery life is short
because the handset is constantly communicating with the base to see if
it is out of range. I wish there were a way to disable this
feature. Once, I thought I heard another conversation on my phone.
I am curious if it was decoding someone elses signal on my frequency.
I suppose someone else could pick up their phone and have it stay on my
frequency if their base unit thought the frequency was relatively
clear. The conversation didn't sound like typical line interference
but rather like someone else down in a barrel or something. One other
thing I don't like is that the handset is heavy. It uses more
batteries than most phones too. The real advantage to this phone is
its clarity over a great distance. It works much farther than 46 MHz
analog phones and is much less expensive than most other 900 MHz
phones. Occasionally, mine does not ring. I've figured out that if my
line is loaded down to about half the recommended ringer equivilence,
the Tropez gets finicky about not wanting to ring. Strange.

David

6046. Re: RS Pro-51 modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-07-07 15:19:00 UTC
From: pdennis@vnet.ibm.com
Message-ID: <19940707.111900.587@vnet.ibm.com>
Source record: 271982

In article <atomCsI76o.1qu@netcom.com>,
on Wed, 6 Jul 1994 05:27:58 GMT,
Allen Tom <atom@netcom.com> writes:
>According to net.opinion, my new radio Shack pro43 can't
>be modifiable for cellular, so I'll probably return it tomorrow.
>Does anyone have any info on the RS pro51? According to an article
>in monitoring times, the pro51 can be modifiable with a code
>punched into the keyboard! Has anyone tried it?
>
>Thanks in advance for any info!
>
>BTW - My Pro43 is my first scanner, and I **LOVE** it.

Please forgive me if this shows up more than once. I posted it
yesterday, but that news server has not shown any new articles
since, so I figured it must not have gone out. After switching
servers, I'll give it a go.....

The same code that sets up test frequencies in a PRO-46 works on a
PRO-51. Press the 2, 9, and LO (lockout) keys as you power up the
unit. THIS WILL ERASE ALL PREVIOUSLY STORED CHANNELS! The frequency
stored in channel 23 is a cellular frequency. What I did was
scan up and down from that frequency and store some of the "hits" in
the monitor banks and later stored them in other channels where I wanted
them.

P.S. Allen, please email me if you see my reply, I'm not sure if
my posting is working correctly.

****
Thanks to the Interstate Highway System, it is now possible
*to travel across the country from coast to coast without *
*seeing anything. --Charles Kuralt `-_-' *
* 'U` *
*ALL STANDARD DISCLAIMERS APPLY, Next time, *
*PDENNIS@VNET.IBM.COM A.K.A. PHIL DENNIS take the train! *
****

6047. UK Civil Aircraft Registrations list on-line anywhere?

Newsgroup: rec.radio.scanner
Date: 1994-07-07 15:24:05 UTC
From: yc23@uk.co.gec-mrc
Message-ID: <4722@mrcu>
Source record: 272117

Do any other aviation listeners know whether the G-wxyz Civil Aircraft
Registrations list is available on-line anywhere - the sort of thing
which is published in several books.....clearly the CAA have it on-line
but do they export the list at all into the public domain?

Thanks
--
Trevor Wright,Computer Resources | Tel: +44 245 473331 x 3224 + Answerphone
GEC-Marconi Research Centre | Fax: +44 245 475244 or 478639
GEC-Marconi Ltd, Great Baddow | uucp: <world>!uknet!gec-mrc!wright
Chelmsford,Essex. UK CM2 8HN | Other: wright@gec-mrc.co.uk

6048. Re: Second Cell Phone

Newsgroup: rec.radio.scanner
Date: 1994-07-07 16:11:55 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.20.000A3330@chevron.com>
Source record: 272123

In article <2v9u03$kq2@panix.com> dwhansen@panix.com (David Hansen) writes:
>Question:
> Can a second cell phone be programmed to the same number as my first
>one? In other words I would have another just like an extention phone in the
>house. I understand that this is done by criminals and they piggyback onto a
>subscribers bill without his knowledge. I want to do basically the same
>thing, but I would be paying for the second phone's calls.
>Question 2:
> Can a cell phone be made to act as a scanner and receive other
>traffic on the frequency? Seems to me if I could make the phone just monitor
>the different channels, I could use it like a receiver.

This questioned was asked of me before. At the time, last year, it was not
possible to have the same number in two cellular phones...at least not
legitimately. A cellular phone number is tied to the phone's electronic
serial number or ESN in both the telephone and the carrier's network. The
situation you mentioned with criminals piggybacking onto your ESN will cause
problems if both phone come up on the air at the same time. The system may
lock you out when that occurs. Then you're without service until you and
the carrier sort it out and teh criminal moves on to another number.

On your second question. Yes. Many cellular phones have special service
modes that will allow you to activate the phones receiver as a monitor.
There are usually other service test modes that can be activated.
These features are only intended to be used by qualified technicians in the
course of servicing and testing the radios. They require special access codes
provided by the manufacturers to authorized service persons. You really need
to know what your doing or you may cause trouble on the network.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
Amateur KD6ELA / GROL PG10-25691 / Private Pilot

6049. Re: USAir says 'NO' to scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-07 16:26:00 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.21.000A6F45@chevron.com>
Source record: 272124

In article <dadamsCsEzs2.IM5@netcom.com> dadams@netcom.com (Dean Adams) writes:
>In article <1994Jun27.211659.17815@alw.nih.gov> weisen@alw.nih.gov (Neil Weisenfeld) writes:
> > Yeah, messing up navigation would be bad, but sending the
> > plane into a nose-dive would be a real bummer.

>Well, i'd say any plane that could be downed by the puny
>emissions of a scanner should not even be flying at all.

The idea that a plane would be brought down by puny scanner emmisions is far fetched, indeed.

The idea that navigation equipment might be effected by the same emmisions is certainly possible. The plane may not turn and fly the wrong way but any effect that your reciever has on the aircraft's systems would likely be classifed as harmful interference. The airline and PIC are well within their authority when they try to reduce potential problems.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
Amateur KD6ELA / GROL PG10-25691 / Private Pilot

6050. FORSALE: Realistic Pro-39

Newsgroup: rec.radio.scanner
Date: 1994-07-07 16:37:28 UTC
From: shawnb@ecst.csuchico.edu
Message-ID: <2vhb08$as3@charnel.ecst.CSUChico.EDU>
Source record: 272095
Cross-posted to: chico.forsale,alt.radio.scanner,rec.radio.scanner,rec.radio.swap

Hi,

I have a Realistic Pro-39 scanner for sale. It is approximately 2 months old,
but I have used it very infrequently. It is in like new condition. It's
features are:

o Wide frequency coverage. (See RS catalog, or email me)
o 200 channel memory.
o 10 monitor banks.
o Search/scan.
o Cellular modified.
o AC adapter/charger.
o Manual.

I have had no problems with this scanner, it was just an impulse buy for me,
and now I am strapped for cash. I paid about $350 for the whole package,
but am willing to part with it for $200 (including shipping within the U.S.)
I would like to receive payment in the form of a money order 'up front.'

Please e-mail me, or I can be reached at the following address:

Shawn Brown
1151 Farmington Way
Livermore, CA 94550
(510)422-0637 (w)
(510)445-7445 (h)

--
S.E.P. Brown | shawnb@ecst.csuchico.edu | http://www2.ecst.csuchico.edu/~shawnb

6051. keep my 855XLT??

Newsgroup: rec.radio.scanner
Date: 1994-07-07 16:45:00 UTC
From: John.Wagner@f239.n109.z1.fidonet.org
Message-ID: <f3e_9407071312@blkcat.fidonet.org>
Source record: 272111

Should I keep my BC 855XLT and have it modified, buy a different
scanner with an easier mod, or buy a used scanner already modified.
Please let me know what you think of the BC 855XLT. JMW

Fidonet: John Wagner 1:109/239
Internet: John.Wagner@f239.n109.z1.fidonet.org

6052. Re: Motorola 'Secure-Clear' Cordless Phones (repost)

Newsgroup: rec.radio.scanner
Date: 1994-07-07 16:53:51 UTC
From: michaeha@soul.tv.tek.com
Message-ID: <2vhbuv$i86@news.tv.tek.com>
Source record: 272097
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.privacy,alt.toys.hi-tech,talk.politics.crypto

>spectrum, but you'll still be a lot better off than poor Lee Trevino!
^^^^^^^^^^^^

What happend to Lee Trevino? Could someone post a recap of this story?
I've never heard this one.

Mike

6053. Re: PD trying to discourage scanners?

Newsgroup: rec.radio.scanner
Date: 1994-07-07 17:16:32 UTC
From: CLL002@email.mot.com
Message-ID: <CLL002-070794091632@145.1.23.38>
Source record: 272033

In article <2vc9s0$t1@wizard.uark.edu>, plaws@comp..uark.edu (Peter Laws)
wrote:

> mconner@rain.atms.purdue.edu (Mark D. Conner) writes:
>
> >Recently I've been hearing some "interference" on the local
> >(Lafayette/Tippecanoe Co IN) 800 MHz trunk that is used for public
> >safety agencies.
>
> >At first I thought it was someone trying to jam the police
>
> (stuff deleted...)
>
> BTW, is there anyone that would like to compare notes about Motorola
> Smartone trunk systems? Arkansas SP has one and there is one in
> <directional> Carolina. Does your state have a trunk system that has a
> fixed control channel?? Then you have a Smartone...
>
> Peter Laws,
> Associate Editor - Arkansas,
> RCMA _Scanner Journal_,
>
> Peter Laws <plaws@comp.uark.edu> |"Let's make sure history never forgets the
> n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise" ST:TNG - 1987-1994

Not exactly true. Many AMSS systems have fixed control channel. Even the
old
trunked systems that do rotate control channel can be programmed to not
rotate control channels. The current SmartZone Systems do allow for
rotating control channels. From a scanner's point of view, there really is

no way to tell between a SmartZone System and a non-SmartZone system.

Luke Lin | I didn't do it | Internet:lukel@ecs.comm.mot.com
ITT Tools, LMPS | Nobody saw me do it | Right Thing,Right Way
Motorola | You can't prove | G. Kawasaki
Schaumburg, IL | anything B. Simpson | Right Tool,Right Process L. Lin
---

6054. Pro-37 mods wanted

Newsgroup: rec.radio.scanner
Date: 1994-07-07 17:29:03 UTC
From: dwiza@pinn.net
Message-ID: <2vhe0v$7pe@everest.pinn.net>
Source record: 272096

I have performed the 800mhz diode clip to my pro-37, I would like to know
if there are any more mods available?
Also, is there an FTP site for mods?

Guess I should keep this radio, 800mhz capable scanners are getting scarce!
-=-
/// If Commodore had sold Sushi, their marketing department would
/// have called it "Cold, dead fish."
\\\/// Comrade Gorby - Soviet Government in Exile BBS 804-471-5728
\XX/ Help wipe out Windows in our lifetime!

6055. Re: PD trying to discourage scanners?

Newsgroup: rec.radio.scanner
Date: 1994-07-07 17:33:44 UTC
From: CLL002@email.mot.com
Message-ID: <CLL002-070794093344@145.1.23.38>
Source record: 272034

In article <CsIzrH.6rs@synoptics.com>, dbashaw@synoptics.com (David Bashaw) wrote:

>
> rausch@cig.mot.com (David R Rausch) wrote:
> >The "squawking" or tones or even music is deliberate. It causes your
> >scanner to stay on the current frequency while the conversation moves
> >to another frequency. By time the "squawking" stops and your scanner
> >resumes scanning you have missed that "great bit of juicy informantion"
>
> I take the proceeding to imply the police are doing something that the
> public should not know about. Am I wrong? What are the cops up to that
> cant bare public scruitney? Are police agencies going to trunked systems
> in an attempt to hide what they are really up to from anyone listening.
> Sounds like trunking systems are a great way to hide whats really happening.
>
> No I'm not a paranoid! Just wondering what we'll do in the future when
> we find listening to the cops is a felony. Seig Hiel.
>
> Dave Bashaw
> wa6qwl

I'm not sure someone from the Cellular division should be considered an expert in trunking. I don't believe there are a bunch of engineers sitting around deliberately trying to throw off scanners by inserting tones into their protocols. In fact, we are so busy implementing new features and functionality into our trunking systems, adding tones to the ends of calls just to throw off scanners is a waste of our engineering resources. There are also better ways to discourage scanners (see below)

Many folks think that the channel hopping is to throw off scanners. It is not!
The reason calls get steered to different channels is to best utilize the resources available for all the calls happening at once. The fact that it interrupts scanners is a byproduct, not the intent of the design.
Similarly
the squawks or tones or beeps are there for a reason (protocol, base station
identification, data, whatever) and the fact that they throw scanners off is a byproduct (I can't speak for GE systems) not the intent.

As for "police are doing something that the public should not know about" there are many situation where the police want to be secure from the public.
A simple example is a drug bust - if the police are planning a drug bust, and

they transmit the address of the bust over the air, they don't want the drug dealers to be alerted and flee before the bust.

Police are not going to trunked systems because they can throw off scanners.
They are going to trunked systems so many groups (departments, precincts, fire dept, city/state officials, etc) can better utilize the limited number of
frequencies available from the FCC.

Normal trunking systems are not really that secure (you can still hear analog audio with a scanner) unless you add secure encryption (to scanners it will sound like hiss). Also, everything is now becoming digital (the intent here is to supply data, clearer audio, less crosstalk between channels,
more channels, etc) and as a byproduct all the old analog scanners won't work.

Luke Lin | I didn't do it | Internet:lukel@ecs.comm.mot.com
ITT Tools, LMPS | Nobody saw me do it | Right Thing,Right Way
Motorola | You can't prove | G. Kawasaki
Schaumburg, IL | anything B. Simpson | Right Tool,Right Process L. Lin

---

6056. Re: ICOM R-1 Receive Problem

Newsgroup: rec.radio.scanner
Date: 1994-07-07 17:36:09 UTC
From: DEVENNEY@VM.TEMPLE.EDU
Message-ID: <16FECBF4DS86.DEVENNEY@VM.TEMPLE.EDU>
Source record: 272098

In article <2uuju6$fad@corpgate.rich.nt.com>
magnet@nRCHs022 (Brad Glidewell) writes:

>
>Jack Devenney (DEVENNEY@VM.TEMPLE.EDU) wrote:
>|My ICOM R-1 has an intermittent receive problem. Periodically, when I
>|power it up, I only hear garbled (or no) transmissions. It remains that
>|way after numerous power on/off cycles, and then eventually (often days
>|later) returns to its normal self. I wondered if anyone else has had
>|the same problem or has a suggestion.
>
>Jack,
>
>Can you give us more information please? What corrective action do you take
>if any? Have you tried alternate power sources? RESET (OH NO, NOT the RESET!)
>the CPU?

Sorry for the delay in replying. I have not taken any corrective action
other than "waiting it out." Eventually, often days later, after numerous
on/off cycles, I turn the rig on and it works fine. Happens with alternate
power sources and in multiple locations. It is not overload, although even
when operating "normally" the unit gets clobbered by paging services,
especially in the 453 MHz range. How is Reset accomplished on this radio?
>
>
>
>--
>brad.glidewell@nt.com
>==
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> /<
> /<
> |_______{o}--_
> [\\\\\\\\\\\{*}:::<= ==- >
> |/~~~~~~~{o}--~
> \<
> \<
> \>
>

6057. Re: M-400 Multimode Decoder Output to Computer

Newsgroup: rec.radio.scanner
Date: 1994-07-07 18:05:32 UTC
From: magnet@nRCHs022
Message-ID: <2vhg5c$sei@corpgate.rich.nt.com>
Source record: 272099

Kenneth J Morrill (kmorrill@strauss.udel.edu) wrote:
|How can I send output intended for my printer into my computer instead?

|--
|Ken Morrill <kmorrill@strauss.udel.edu>

There is a "print redirector" out there somewhere. I saw a TSR YEARS ago that would do this. No clue on where to get it now or what the name of the thing was. I think a company call "White Crane" used to make a utility comercialy that did this also.

I'll see if I can't dig up the shareware for you.

--
brad.glidewell@nt.com
o
_>\ _
(_)<(_)

6058. Wanted CSI Rig

Newsgroup: rec.radio.scanner
Date: 1994-07-07 18:16:30 UTC
From: an74005@anon.penet.fi
Message-ID: <182308Z07071994@anon.penet.fi>
Source record: 272102

A shot in the dark...

Does anyone have an Electronic Countermeasures Inc. CSI rig, fully configured
(i.e. with modified ICOM scanner and antenna(s)) and for sale?

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

6059. Re: FORSALE: Realistic Pro-39

Newsgroup: rec.radio.scanner
Date: 1994-07-07 18:19:45 UTC
From: shawnb@ecst.csuchico.edu
Message-ID: <2vhh01$ftg@charnel.ecst.CSUChico.EDU>
Source record: 272100
Cross-posted to: chico.forsale,alt.radio.scanner,rec.radio.scanner,rec.radio.swap

Oops, I just noticed that I made a typo on my home phone number in the ad.

It is (510)447-7445.

Shawn

--
S.E.P. Brown | shawnb@ecst.csuchico.edu | http://www2.ecst.csuchico.edu/~shawnb

6060. PC driver for TDMA cellular scanning

Newsgroup: rec.radio.scanner
Date: 1994-07-07 18:42:10 UTC
From: gordonlm@u.washington.edu
Message-ID: <2vhia2$2n6@news.u.washington.edu>
Source record: 272103

I am looking for the pieces (phone, cable, info,...) to
put together a PC driven scanner for digital cellular. Info alone
is welcome. Thanks.

Reply via e-mail Gordon Mitchell g.mitchell@ieee.org

6061. Military Communications

Newsgroup: rec.radio.scanner
Date: 1994-07-07 19:18:48 UTC
From: gkarney@herbie.unl.edu
Message-ID: <2vhkeo$9qd@crcnis1.unl.edu>
Source record: 272114

I just heard a strange transmission on 311.00 Mhz (Stratcom Primary). The transmission constisted of a series of letters and numbers about five minutes long. No other verbal communication occured. The sender had a callsign of 'Mayberry' and was attempting to contact a 'Raymond 4' Does anyone have an idea of what this transmission might have been used for or where it may have originated from etc. Any ideas would be appreciated. P.S. I live in Lincoln, NE which of course is only 50 miles from Offutt AFB in Omaha. (Former SAC headquarters)

6062. Re: NORAD Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-07 19:28:44 UTC
From: jwh@kaiwan.com
Message-ID: <2vhl1c$4ma@kaiwan.kaiwan.com>
Source record: 272107

I scan NORAD every once in a while.. usually for days at a time. I've only picked up limited traffic on CH-21 364.200 MHz out here on the west coast. Oh, don't be suprised if you hear DES.. . .

If you are interested I've got a rather vague list of most (if not all) the NORAD freqs I could email you. Let me know..

John Herndon (jwh@kaiwan.com)
--
: ONE STOP TECH SHOP BBS * (310) 421-6766 * 24 Hours * USR 28.8 DS * 8/N/1 :
: Ham Radio * Scanners * Shortwave Listening * CAD/CAM/CAE * Satellites :
: Groom Lake/Area 51/S4 * X-Planes & Black Budgets * 500 Megs + 3 CD-ROMs :
: Call and share your interests & knowledge with others! :

6063. Re: Pro 2026 questions

Newsgroup: rec.radio.scanner
Date: 1994-07-07 19:43:18 UTC
From: magnet@nRCHs022
Message-ID: <2vhlsm$2nv@corpgate.rich.nt.com>
Source record: 272108

Todd Golling (tgollin@andy.bgsu.edu) wrote:
|Hello all,

|I am a newby to this group, and i have a couple of questions. I own a pro
|2026 and after reading about other scanner mods, does the 2026 has any mods
|needed done to it? Or is it good the way it is? I think i can pickup
|cellular freqs', the scanner goes all the way up to 950 Mhz. Where are
|all of the cellular freqs' located? (not like i would listen to them
|because it is illegal) i just want the cell freqs' so i can avoid them, so
|i can't get in trouble.

The cell band is removed from this radio. It is removed at the factory via
a hardwired jumper. If you remove this jumper, the scanner will tune to
the cell band in 30 increment steps. (860-890 or there abouts)

|Is there anything i should know about the 2026? Are scanners illegal in
|VA, WVA, and North Carolina? What is the best antenna to use with the
|2026? Answer to any and all questions would be app, post or
|email fine.

I'm in Texas, no clue about your state. Hang on to that radio!

--
brad.glidewell@nt.com
P.C. Definition of Ugly:
Physicaly ill-favored

6064. Re: Mobile use of scanners

Newsgroup: rec.radio.scanner
Date: 1994-07-07 19:45:04 UTC
From: strech1@aol.com
Message-ID: <2vhm00$d2p@search01.news.aol.com>
Source record: 272115

In article <linleyCsK58K.1zw@netcom.com>, linley@netcom.com (Bruce James Robert Linley) writes:

>>What is the Title/Section/etc of the law that exempts amateur radio equipment
>>from the anti-mobile-scanner laws? Is it a federal or state law. I'm in CA
>>and would like to have a copy of the law in case any difficulties arise.
>>Thanks in advance.

There's no law against mobile scanners in CA. All there is is laws against USE of the information recieved. Along with a law against cellphone and cordless phone monitoring

Section 636.5 Wrongful Interception and Divulgence of Police Radio Communication.

Any person not authorized by the sender, who intercepts any police radio service communications, by use of a scanner or other means, for the purpose of using that communication to assist in the commission of a criminal offense or to avoid or escape arrest, trial, conviction, or punishment or who divulges to any person he or she knows to be a suspect in the commission of any criminal offense, the existence, contents, substance, purport, effect or meaning of that communication concerning escape from arrest, trial, conviction, or punishment is guilty of a misdemeanor.
Nothing in this section shall preclude prosecution of any person under section 31 or 32.
As used in this section "police radio service communications" means a communications authorized by the Federal Communications Commission to be transmitted by a station in the police radio service. Leg.H. 1976 ch. 1129, 1991 ch. 515.

Sec. 632.5. Intercepting or Receiving Cellular Radio Telephone Communication.
(a) Every person who, maliciously and without the consent of all parties to the communication, intercepts, receives, or assists in intercepting or receiving a communication transmitted between cellular radio telephones or between any cellular radio telephone and a landline telephone shall be punished by a fine not exceeding two thousand five hundred dollars ($2,500), by imprisonment in the county jail not exceeding one year or in he state prison, or by both that fine and imprisonment. If the person has been previously convicted of a violation of this section or Section 631, 632, 632.6, 632.7, or 636, the person shall be punished by a fine not exceeding ten thousand dollars ($10,000), by imprisonment in the county jail not

exceeding one year or in the state prison, or by both that fine and imprisonment.
(b) In the following instances, this section shall not apply:
(1) To any public utility engaged in the business of providing communication services and facilities, or to the officers, employees, or agents thereof, where the acts otherwise prohibited are for the purpose of construction, maintenance, conduct, or operation of the services and facilities of the public utility.
(2) To the use of any instrument, equipment, facility, or service furnished and used pursuant to the tariffs of the public utility.
(3) To any telephonic communication system used for communication exclusively within a state, county, city and county, or city correctional facility.
(c) As used in this section and section 635, "cellular radio telephone" means a wireless telephone authorized by the Federal Communications Commission to operate in the frequency bandwidth reserved for cellular radio telephones. Leg.H. 1985 ch 909, 1992 ch. 298.

Sec. 632.6. Intercepting or Receiving Cordless Telephone Communication; Penalty; Exceptions

(a) Every person who, maliciously and without the consent of all parties to the communication, intercepts, receives, or assists in intercepting or receiving a communication transmitted between cordless telephones as defined in subdivision (c), between any cordless telephone and a landline telephone, or between a cordless telephone and a cellular telephone shall be punished by a fine not exceeding two thousand five hundred dollars ($2,500), by imprisonment in the county jail not exceeding one year or in the state prison, or by both that fine and imprisonment. If the person has been previously convicted of a violation of this section or Section 631,632, 632.5, 632.7, or 636, the person shall be punished by a fine not exceeding ten thousand dollars ($10,000), by imprisonment in the countyjail not exceeding one year or in the state prison, or by both that fine and imprisonment.
(b) In the following instances, this section shall not apply:
(1) To any public utility engaged in the business of providing communication services and facilities, or to the officers, employees, or agents thereof, where the acts otherwise prohibited are for the purpose of construction, maintenance, conduct, or operation of the services and facilities of the public utility.
(2) To the use of any instrument, equipment, facility, or service furnished and used pursuant to the tariffs of the public utility.
(3) To any telephonic communication system used for communication exclusively within a state, county, city and county, or city correctional facility.
(c) As used in this section and section 635, "cordless telephone" means a two-way low power communications system consisting of two parts-a "base" unit which connects to the public switched telephone network and a handset or "remote" unit-which are connected by a radio

link and authorized by the Federal Communications Commission to operate in the frequency bandwidth reserved for cordless telephones. Leg.H. 1990 ch. 696, 1992 ch. 298

6065. PRO 2026 Mods wanted

Newsgroup: rec.radio.scanner
Date: 1994-07-07 19:56:06 UTC
From: wwhitby@aol.com
Message-ID: <2vhmkm$d7b@search01.news.aol.com>
Source record: 272116

Could anyone e-mail me any mods they have for the PRO 2026 scanner? I don't have ftp capabality yet so I need help.

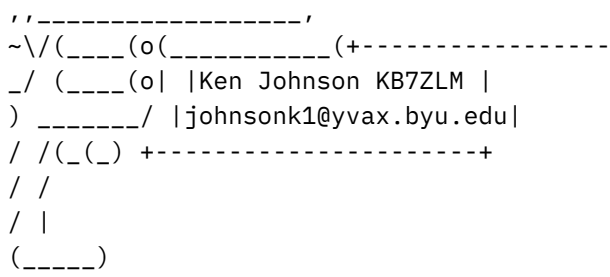
Thanks in advance,
Warren Whitby
wwhitby@aol.com
73s de KE4ITL

6066. Re: Second Cell Phone

Newsgroup: rec.radio.scanner
Date: 1994-07-07 19:57:04 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994Jul7.125704.8382@yvax.byu.edu>
Source record: 272105

In article <2v9u03$kq2@panix.com>, dwhansen@panix.com (David Hansen) writes:
> Question:
>
> Can a second cell phone be programmed to the same number as my first
> one? In other words I would have another just like an extention phone in the
> house. I understand that this is done by criminals and they piggyback onto a
> subscribers bill without his knowledge. I want to do basically the same
> thing, but I would be paying for the second phone's calls.
>
> Question 2:
>
> Can a cell phone be made to act as a scanner and receive other
> traffic on the frequency? Seems to me if I could make the phone just monitor
> the different channels, I could use it like a receiver.
>
> Thanks... David W. Hansen
> dwhansen@panix.com
>

See ad for $500 software to reprogram Motorola, Mitsubishi, Panasonic,
NEC cellular phones on p. 776 of June "Computer Shopper." Their fax-on-
demand number is 800-438-4511 or 305-346-7674. I have no idea if this
stuff really works; I just noticed the ad.



6067. Re: RS Pro-51 modifiable?

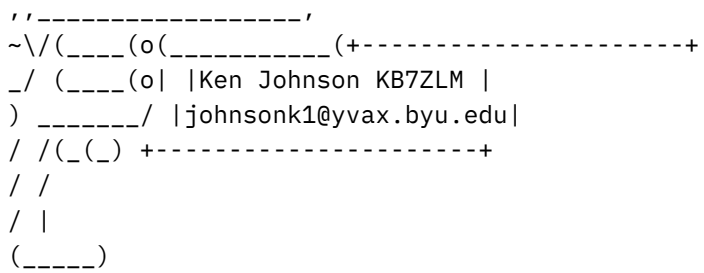
Newsgroup: rec.radio.scanner
Date: 1994-07-07 20:16:38 UTC
From: johnsonk1@yvax.byu.edu
Message-ID: <1994Jul7.131638.8384@yvax.byu.edu>
Source record: 272106

In article <atomCsI76o.1qu@netcom.com>, atom@netcom.com (Allen Tom) writes:
> According to net.opinion, my new radio Shack pro43 can't
> be modifiable for cellular, so I'll probably return it tomorrow.
> Does anyone have any info on the RS pro51? According to an article
> in monitoring times, the pro51 can be modifiable with a code
> punched into the keyboard! Has anyone tried it?
>
> Thanks in advance for any info!
>
> BTW - My Pro43 is my first scanner, and I **LOVE** it.
>
>
> --
> +-------=Allen Tom=-------+
> | atom@soda.berkeley.edu | Real blood, real broken bones.... now that's ART!
> | atom@netcom.com | -- GG Allin
> +------------------------+
> GB/U/CS d-- -p+ c++ l u e+/* m+(---) s n+(---) h(*) f+ g- w++ t+@ r- y?(*)

I tried it and it works just like they say. All you can do, though, is direct search from a programmed channel. You can't do limit searches. However, you can program various frequencies at different points along the cellular band to avoid the data areas. If you're serious about monitoring cellular, then forget the '51. I get a lot of cellular images from about 890 MHz on up.

I personally find monitoring cellular extremely boring, but I like to know I can do it if I really want to, so this is a good handheld for me. I like the small, sleek design, and it's twice as fast as my 2006. It's cheaper than the '43. On the downside, it is not a triple-conversion like the '43, it can't pick up CB nor 175-405 MHz, and it doesn't have AM.

If you use the test mode to get the cellular, do it when you first get it, before you program anything, because everything in memory is erased.



6068. Scanners Unlimited...

Newsgroup: rec.radio.scanner
Date: 1994-07-07 20:17:41 UTC
From: jkronz@pts.mot.com
Message-ID: <CsL71H.A7@pts.mot.com>
Source record: 272035

Anyone have an Address and phone for these guys???
Are they US or abroad?

6069. Signal attenuation

Newsgroup: rec.radio.scanner
Date: 1994-07-07 20:25:55 UTC
From: kdavis@deadeye.East.Sun.COM
Message-ID: <2vhocj$4jq@sixgun.East.Sun.COM>
Source record: 272109

I'm looking for a way to reduce the signal strength coming into my 2026 RS scanner. I've looked in Grove and other magazines but I can't seem to find a variable signal attenuator.

Has anyone ever made one of these? Any help would be appreciated.

Post directly to me if you like.

regards,

kcd

6070. Re: Motorola 'Secure-Clear' Cordless Phones (repost)

Newsgroup: rec.radio.scanner
Date: 1994-07-07 20:45:51 UTC
From: grendel@netaxs.com
Message-ID: <2vhphv$4vl@netaxs.com>
Source record: 272110
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.privacy,alt.toys.hi-tech,talk.politics.crypto

Mike Harris (michaeha@soul.tv.tek.com) wrote:
> >spectrum, but you'll still be a lot better off than poor Lee Trevino!
> ^^^^^^^^^^^^
> What happend to Lee Trevino? Could someone post a recap of this story?
> I've never heard this one.

Nothing happened to him, he just got duped into being a
spokesperson for Motorola's "secure" digital cordless phone, which Tim
has so nicely dissected and debunked for us. Thanks, Tim!

Michael Brandt Handler <grendel@netaxs.com>
Philadelphia, PA <mh7p+@andrew.cmu.edu>
Currently at CMU, Pittsburgh, PA PGP v2.6 public key on request
Boycott Canter & Siegel <<NSA>> 1984: We're Behind Schedule

6071. second phone

Newsgroup: rec.radio.scanner
Date: 1994-07-07 20:48:39 UTC
From: kdavis@deadeye.East.Sun.COM
Message-ID: <2vhpn7$4jq@sixgun.East.Sun.COM>
Source record: 272112

Spy Supply will convert existing Motorola for $250.

Here is the address:

Spy Supply, Inc.
1212 Bolyston St. #120
Chestnut Hill, MA 02167
305-340-0579
617-327-7272

Their catalog is $5.00 (40 pages of spy stuff).

They will sell you a Motorola hand held flip down unit for $495 and put
your existing celluar phone number in it.

kcd

--From johnsonk1@yvax.byu.edu ()
Newsgroups: rec.radio.scanner
Subject: Re: Second Cell Phone
Date: 7 Jul 94 12:57:04 -0700

In article <2v9u03$kq2@panix.com>, dwhansen@panix.com (David Hansen) writes:
> Question:
>
> Can a second cell phone be programmed to the same number as my first
> one? In other words I would have another just like an extention phone in the
> house. I understand that this is done by criminals and they piggyback onto a
> subscribers bill without his knowledge. I want to do basically the same
> thing, but I would be paying for the second phone's calls.
>
> Question 2:
>
> Can a cell phone be made to act as a scanner and receive other
> traffic on the frequency? Seems to me if I could make the phone just monitor
> the different channels, I could use it like a receiver.
>
> Thanks... David W. Hansen
> dwhansen@panix.com
>

See ad for $500 software to reprogram Motorola, Mitsubishi, Panasonic,
NEC cellular phones on p. 776 of June "Computer Shopper." Their fax-on-
demand number is 800-438-4511 or 305-346-7674. I have no idea if this
stuff really works; I just noticed the ad.

```
,,_________________,
~\/(____(o(___________(+----------------------+
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_/ (____(o| |Ken Johnson KB7ZLM |
) _______/ |johnsonk1@yvax.byu.edu|
/ /(_(_) +----------------------+
/ /
/ |
(_____)

-

==========
Ken Davis Sun Microsystems Inc.
CSD Eastern Area Suite 850
ken.davis@East 115 Perimeter Center, NE
x26922 / (404)-901-6922 Atlanta, GA 30346
==========

6072. Re: TV frequencies..

Newsgroup: rec.radio.scanner
Date: 1994-07-07 21:09:22 UTC
From: slush@VOA.GOV
Message-ID: <CsL9FM.32x@VOA.GOV>
Source record: 272040
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <2v27ic$fl8@samba.oit.unc.edu> Jon.Spewak@launchpad.unc.edu (Jon Spewak) wrote:
>
>I'm curious to know where I could find television station frequencies on
>the scanner. Does anyone know?
>
Here's what I've got for TV audio. Remember that each of these are in Wideband FM mode...PRO43 owners [like myself] and other scanners without WFM will hear distortion. Here goes.......

059.7500 Channel 2
065.7500 Channel 3
071.7500 Channel 4
081.7500 Channel 5
087.7500 Channel 6
179.7500 Channel 7
185.7500 Channel 8
191.7500 Channel 9
197.7500 Channel 10
203.7500 Channel 11
209.7500 Channel 12
215.7500 Channel 13
475.7500 Channel 14
481.7500 Channel 15
487.7500 Channel 16
493.7500 Channel 17
499.7500 Channel 18
505.7500 Channel 19
511.7500 Channel 20
517.7500 Channel 21
523.7500 Channel 22
529.7500 Channel 23
535.7500 Channel 24
541.7500 Channel 25
547.7500 Channel 26
553.7500 Channel 27
559.7500 Channel 28
565.7500 Channel 29
571.7500 Channel 30
577.7500 Channel 31
583.7500 Channel 32
589.7500 Channel 33
595.7500 Channel 34

601.7500 Channel 35
607.7500 Channel 36
613.7500 Channel 37
619.7500 Channel 38
625.7500 Channel 39
631.7500 Channel 40
637.7500 Channel 41
643.7500 Channel 42
649.7500 Channel 43
655.7500 Channel 44
661.7500 Channel 45
667.7500 Channel 46
673.7500 Channel 47
679.7500 Channel 48
685.7500 Channel 49
691.7500 Channel 50
697.7500 Channel 51
703.7500 Channel 52
709.7500 Channel 53
715.7500 Channel 54
721.7500 Channel 55
727.7500 Channel 56
733.7500 Channel 57
739.7500 Channel 58
745.7500 Channel 59
751.7500 Channel 60
757.7500 Channel 61
763.7500 Channel 62
769.7500 Channel 63
775.7500 Channel 64
781.7500 Channel 65
787.7500 Channel 66
793.7500 Channel 67
799.7500 Channel 68
805.7500 Channel 69
811.7500 Channel 70
817.7500 Channel 71 (NO LONGER USED)
823.7500 Channel 72 (NO LONGER USED)
829.7500 Channel 73 (NO LONGER USED)
835.7500 Channel 74 (NO LONGER USED)
841.7500 Channel 75 (NO LONGER USED)
847.7500 Channel 76 (NO LONGER USED)
853.7500 Channel 77 (NO LONGER USED)
859.7500 Channel 78 (NO LONGER USED)
865.7500 Channel 79 (NO LONGER USED)
871.7500 Channel 80 (NO LONGER USED)
877.7500 Channel 81 (NO LONGER USED)
883.7500 Channel 82 (NO LONGER USED)
889.7500 Channel 83 (NO LONGER USED)

Happy Monitoring!

Joe Gallagher (slush@voa.gov) Standard Disclaimer: blah, blah, blah

6073. Re: At a tragedy with a scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-07 21:48:32 UTC
From: mtiernan@world.std.com
Message-ID: <CsLB8x.FB2@world.std.com>
Source record: 272113
Cross-posted to: rec.radio.scanner,rec.autos.sport

George Lyle (233789) <glyle@isadora.seas.ucla.edu> wrote:
> Watch how you edit the attributions, Michael!
Sorry about that. My apologies to Peter too. Looks like I
nuked one too many lines.

> Like it or not, _we_ are the "general public".
I count myself as one of them. I am John Q Public, #xyz.

> Some of us (the majority, hopefully) generally react in a mature
> fashion to the information they receive.
I admit to not being omnicient but by and large, what I have
viewed, counters this. Maybe I am pessimistic, maybe I have
only seen a bad slice. But from here, that's what I think I see.

> I would not be thrilled if some self-appointed "mature" person decided
> what the "general public" could and could not be exposed to. I probably
> fall into their definition of "general public", and they into mine.
Yes, I agree. Please understand, I do NOT consider myself
"mature" (ask ANYONE who knows me! :>) However, I do feel that
innacurate information, distributed to unconcerned people, in a
crowd, does nothing good but fester. Sorry to disagree, just my
opinion. (I know what they're like.)
--
<< MCT >> mtiernan@world.std.com
Michael C Tiernan. GEnie: M.Tiernan
Boston Computer Society member AOL: M Tiernan or BCS Mike
Is God a performance artist?

6074. Re: Cellular Phone Freq above 900 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-07-07 22:13:58 UTC
From: glyle@isadora.seas.ucla.edu
Message-ID: <1994Jul7.221358.24628@enterprise.rdd.lmsc.lockheed.com>
Source record: 272119

In article <2vfsgl$u4@search01.news.aol.com>, media2k@aol.com (Media 2K) writes:
|> "Article number 6252 has been expired or cancelled."
|>
|> Pardon me, but does this message mean that the contents of the
|> posted message was cencored or removed by someone?
|>
|> Or is this some sort of internet thing.

It means pretty much what it says. The article you wanted to see
was either cancelled (by its author or someone else) or it was
too old and has been deleted from your news server. A lot of
traffic goes through that server and it can only store so much!

George

6075. Re: Moto 2-way radio Scramble techniques

Newsgroup: rec.radio.scanner
Date: 1994-07-07 22:17:36 UTC
From: johng@ecs.comm.mot.com
Message-ID: <johng-070794171736@johng.comm.mot.com>
Source record: 272036

In article <daren.9.00100972@morgan.ucs.mun.ca>, daren@morgan.ucs.mun.ca
(Daren L. Janes) wrote:

> Here is question that have been trying to get answered for some time.
> What scramble techniques are available for the moto 2-way radio system?
> Most of the time the unscrambled transmission sounds like it needs to be
> tuned and then some other times it is like a patterned clicking sound. From
> what I have read in this group and other places, I am inclined to believe that
> it is some kind of speech inversion. Are there different types of speech
> inversion kits out there? If so, what one would a person need to unscramble
> this transmission? What's your opinion?
>
> Daren Janes"

Motorola sells a 12 Kbs digital encryption called "Securenet" and a 9.6 Kbs
digital system that can optionally be encrypted called "Astro."
Aftermarket analog products are available from several manufacturers that
can be used on Motorola radios. Listening on a scanner, Securenet sounds
like white noise. Astro sounds like a buzz.

--
John Gilbert johng@ecs.comm.mot.com KA4JMC

6076. Re: OPTO-456 First impressions

Newsgroup: rec.radio.scanner
Date: 1994-07-08 00:06:45 UTC
From: flarsen@uclink.berkeley.edu
Message-ID: <flarsen-070794160645@flarsen.berkeley.edu>
Source record: 272118

In article <mike_diaz-060794123424@m11106.esl.com>, mike_diaz@smtp.esl.com (Mike Diaz) wrote:

> > Last week a friend of mine received his OPTO456 for the PRO-2006. It came
> > without the video tape mentioned in the AD, but was otherwise complete. I
> > guess they ran out of them, or havent finished it yet, he didnt call to
> > ask.
> >
> >
> > Scanstar standard version which is the primary control S/W that comes with
> > the 456 had a much nicer user interface and look & feel to it, although
> >....

I received my OS456 yesterday. I ordered it about two weeks ago. It came without the video tape. Also, there was no manual describing the operation of the software, only the instructions on how to install the hardware.

I haven't been able to look at the software yet. I do not have a PC compatible
computer. I was disappointed to learn that the software wasn't the complete version and that I would have to spend another $75 for the full version.

Is anybody working on Macintosh software for this interface?

Please, don't tell me to buy a _real_ computer!

-- Flemming Larsen flarsen@uclink.berkeley.edu

6077. What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-08 00:11:49 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.22.001232F7@chevron.com>
Source record: 272026

I just recently started watching and contributing to this group and have some questions about a good portion of the discussions.

What is the big attraction on the cellular channels?

Before anyone decides to flame me... I happen to think that the new laws "restricting" cellular monitoring are a farse and fly in the face of basic principles of the telecommunications act of 1934. What the new laws try to accomplish, the act already addressed. If cellular phone users think that no can eavesdrop on them anymore jsut because it's "illegal" they should be told how ignorant they are. So go ahead and listen. Just don't disclose what you hear to anyone. And don't use what hear for your personal (or anyone else's) gain.

But what are you listening to? Listening to police and fire channels gives you an insight as to what's going on in your area. Listening to aviation frequencies can be educating (especially to someone like me). Listening to business channels gets old unless your trying to keep track of someone. But nothing gets as boring, as fast, as listening to everyday phone calls.

To me it would be like going around my neighborhood and looking into peoples' windows. I would usually expect to see people going about their normal boring routines. But once in a while I might see something "interesting". What if I see someone doing something illegal? Do I call the cops and tell them what I saw? Maybe, but isn't it wrong for me to dislose things that I observed that were none of my business?

I would offer that there is reasonable expectation to certain level of privacy by a cellular phone user. However, maybe not the same level of privacy that he or she would expect on a "landline" phone. No one should get in trouble for listening to a cellular call if their just listening
The cell phone users and carriers don't own the spectrum when it comes to receivers. But they do own the content of their signals and no one else has the right to use it without permission. Just like any other radio transmissions you might be monitoring. This was already illegal.

Enough of my legal critisism and bad analogies. But what is the fascination with phone calls that keep people wanting to know how to mod scanners, TVs, telephones and whatever else just to listen in to this stuff?

I will now put on my asbestos underwear and wait for reponses.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
Amateur KD6ELA / GROL PG10-25691 / Private Pilot

6078. Wanted

Newsgroup: rec.radio.scanner
Date: 1994-07-08 02:27:00 UTC
From: alan.wilensky@channel1.com
Message-ID: <40.4903.2433@channel1.com>
Source record: 272025

Looking for an Icom IC R9000.

reply to abm@world.std.com

6079. Il military freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-08 02:45:10 UTC
From: <>
Message-ID: <29@rims.rims.com>
Source record: 272031

Does anyone have any active freqs for the military in N.E.
Illinois? I have several freqs but havent heard anything. Also,
when is the best time to listen?

Any help would be appreciated.

Thanks in advance
Mike
mcarp@rims.com

6080. Re: M-400 Multimode Decoder Output to Computer

Newsgroup: rec.radio.scanner
Date: 1994-07-08 03:07:00 UTC
From: jimc1790@aol.com
Message-ID: <2vifsk$jn2@search01.news.aol.com>
Source record: 272029

In article <2vh5v9$1sm@strauss.udel.edu>, kmorrill@strauss.udel.edu (Kenneth J Morrill) writes:

>How can I send output intended for my printer into my computer instead?

The easist way is to use a parallel-to-serial converter. They cost about $60-70 from most of the major computer supply companies (IE Global). You plug the M-400 via a printer cable into the converter then plug the converter into a serial RS-232 port on the computer. With the M-400 configuring the port for 9600 Baud is fast enough. I use Procomm Plus but any terminal (smart or dumb) program or stand alone communication terminal will work. Only mode that you can't do much with is the FAX mode. You would have to write some code to decode the EPSON printer graphics format binary data and somehow display it. Although I have not tried every mode the M-400 has with my setup I have tried all the VHF type modes and it works great.

Jim

6081. Scanner laws?

Newsgroup: rec.radio.scanner
Date: 1994-07-08 03:38:27 UTC
From: usr2879a@TSO.UC.EDU
Message-ID: <199407080338.XAA16520@tso.uc.edu>
Source record: 272028

Can someone send me the scanner laws for the following states: Indiana, Illinois, and Iowa?

Thanks! I am taking a trip through those three states.

Michael P. Rolfes, Team President, usr2879a@tso.uc.edu

Ohio Valley REACT Inc. #2601
Cincinnati, OH USA
CB Channel 9 KHY-1303 ***** VHF-FM 151.625 WPBC-440
Hamilton County Disaster and Emergency Management 158.820
Clermont County Emergency Management 155.805
Fraternal Order of Police Associates Member Lodge #38

6082. Re: Delta Airlines scanner rules

Newsgroup: rec.radio.scanner
Date: 1994-07-08 04:19:01 UTC
From: Greg <gregmason@delphi.com>
Message-ID: <ZC2xZxl.gregmason@delphi.com>
Source record: 272027

Im not sure what Delta's official policy is. However, on a flight from chicago to orlando <727> I had my Pro-43 out and was listening via headphones. Eventually an alert stewardess noticed that i was using this black box with an antenna on it. Im sure she thought it was a tranciever. Anyhow she became shaken and asked me to turn it off. I complied immediately of course, but explained to her that it was only a reciever, and suggested that she talk to someone in the cockpit about its use. She left and returned with the captain's blessing and the freq. that the flight was using for coms.

I didnt scan the cellular freqs. while in the airplane being illegal and all, but if i had, it might have been interesting.

6083. Bob Grove - Wrong Again?

Newsgroup: rec.radio.scanner
Date: 1994-07-08 04:45:20 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-070794213523@lisaraip3.llnl.gov>
Source record: 272030

Whats with Bob Grove? His latest Monitoring Times (overpriced) magazine (July) has a full page ad for the 2006 that states "One of the most renowned scanners of all time is now being produced without the ability to be restored to full coverage. All our current stock is still restorable to full coverage. Don't miss this opportunity".

What is he talking about? I have not heard anything about a non-restorable 2006 as it is being phased out to probably be replaced by the 1000 channel PRO-2035 (20-460) that should appear on the shelves in the near future.

If I find his statment to be false, I am thinking of dumping my subscription. I don't need misinformation just to spur sales.

The above opinions are mine, not those of LLNL.

Gary Ross
Shot Director ROSS@NOVAX.LLNL.GOV
Nova Laser Operations ROSSMAN@AOL.COM
Lawrence Livermore National Lab ROSSMAN@EWORLD.COM
P.O. Box 808 L-489
Livermore, CA 94551

6084. FAF - Frequently Asked Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-08 05:44:08 UTC
From: mulligan@ACM.ORG
Message-ID: <2vip39$ar3@hopper.acm.org>
Source record: 272032
Cross-posted to: rec.radio.scanner,alt.radio.scanner

* * * W A R N I N G - Extended Posting * * *

> ... where I could find television station frequencies ...

> The Cellular Frequencies ...

> Do scanners pick up AirFone conversations or what?

It looks like time to post the FAF - Frequently Asked Frequencies again.
Note that the current version includes GMRS. Corrections or additions (i.e.
channelized bands without specific frequency licensees) are welcomed.
---

scanner.faf FAF.TXT
/pub/hamradio/docs/misc Hamnet Lib 2
oak.oakland.edu CompuServe
[mulligan@acm.org] [70035,140]

June 1994

F.A.F. - Frequently Asked Frequencies

For an overview of the FCC allocations for the 30 - 900 MHz
range, see the file {CIS} FCCTBL.ZIP | {FTP} fcc.allocations

Cellular Telephone

Chs Freqs (base) System

800-832 869.040 - 870.000 RCC - voice
1-312 870.030 - 879.360 RCC - voice
313-333 879.390 - 879.990 RCC - data
334-354 880.020 - 880.620 Telco - data
355-666 880.650 - 889.980 Telco - voice
667-716 890.010 - 891.480 RCC - voice
717-799 891.510 - 893.970 Telco - voice

Mobiles transmit 45 MHz below the base (824.040-848.970) and
are usually repeated by the base. Channels are .030 MHz apart.

Cordless Telephone

Channel Base Handset

1 46.610 49.670
2 B 46.630 49.845 Chs A - E handset
3 C 46.670 49.860 frequencies are also
4 46.710 49.770 used for baby room
5 D 46.730 49.875 monitors and low power
6 A 46.770 49.830 handie-talkies
7 E 46.830 49.890
8 46.870 49.930
9 46.930 49.990
10 46.970 49.970

Panasonic KX-T9000 base 902.100-903.870 { 60 channels
handset 926.100-927.870 { 30 kHz spacing

VTech Tropez 900DX base 905.600-907.500 { 20 channels
(digital) handset 925.500-927.400 {100 kHz spacing

AT&T #9120 902.0-905.0 / 925.0-928.0 }
OTRON CORP. #CP-1000 902.1-903.9 / 926.1-927.9 } unconfirmed
SAMSUNG #SP-R912 903.0 / 927.0 }

Mobile Telephone

Base: 152.030 - 152.210 RCC
152.510 - 152.810 telco

Mobile: 157.770 - 158.070 telco
158.490 - 158.670 RCC

Channel spacing is 30 kHz. Many of these channels may now be used
for paging, specifically 152.78, which is a nationwide page.

Air to Ground Telephone

Ch Ground Airborne

1 454.950 459.950
2 454.900 459.900
3 454.850 459.850
4 454.800 459.800
5 454.750 459.750
6 454.700 459.700
7 454.725 459.725
8 454.775 459.775
9 454.825 459.825
10 454.875 459.875
11 454.925 459.925
12 454.975 459.975
Signaling 454.675 (459.675)

Transmissions are FM. Ground stations repeat the airborne half
of the converstion, and transmit a continuous tone when idle. From
one to three channels are assigned in a particular area.
Service is used on private aircraft.

---

800 MHz Air to Ground Telephone

- - Airborne - -
Blk Ch 1 - Ch 29

10 894.0055 - 894.1735
9 894.2055 - 894.3735
8 894.4055 - 894.5735 Guard Band -
7 894.6055 - 894.7735 .x765-.x797
6 894.8055 - 894.9735
5 895.0055 - 895.1735 Control Channels -
4 895.2055 - 895.3735 .x813-.x973
3 895.4055 - 895.5735
2 895.6055 - 895.7735
1 895.8055 - 895.9735

Transmissions are AM. Channels are spaced 6 kHz apart. A
specific block of 29 channels is assigned to each geographical
area. Ground frequencies are 45 MHz lower and do not echo the
airborne half of the conversation.
Service is used on passenger airlines.

Television

Ch Range Video Audio

2 54 - 60 55.250 59.750
3 60 - 66 61.250 65.750
4 66 - 72 67.250 71.750
5 76 - 82 77.250 81.750
6 82 - 88 83.250 87.750
7 174 - 180 175.250 179.750
8 180 - 186 181.250 185.750
9 186 - 192 187.250 191.750
10 192 - 198 193.250 197.750
11 198 - 204 199.250 203.750
12 204 - 210 205.250 209.750
13 210 - 216 211.250 215.750
14 470 - 476 471.250 475.750
15 476 - 482 477.250 481.750
.. ... - ... .
68 794 - 800 795.250 799.750
69 800 - 806 801.250 805.750

Note the gaps between chs 4/5, 6/7, and 13/14.
Each TV channel is 6 MHz wide. The video carrier is 1.25 MHz
above the start of the range. The audio carrier is 0.250 MHz below
the end of the range. Television audio is wideband FM.
Some TV stations may be offset +/- 10 kHz.

Citizens Band

Ch Freq Ch Freq Ch Freq Ch Freq

1 26.965 11 27.085 21 27.215 31 27.315
2 26.975 12 27.105 * 22 27.225 32 27.325
3 26.985 13 27.115 23 27.255 - 33 27.335
4 27.005 * 14 27.125 24 27.235 - 34 27.345
5 27.015 15 27.135 25 27.245 - 35 27.355
6 27.025 16 27.155 * 26 27.265 36 27.365
7 27.035 17 27.165 27 27.275 37 27.375
8 27.055 * 18 27.175 28 27.285 38 27.385
9 27.065 19 27.185 29 27.295 39 27.395
10 27.075 20 27.205 * 30 27.305 40 27.405

* 26.995, 27.045, 27.095, 27.145, 27.195 => Remote Control
- note break in sequence

GMRS - General Mobile Radio Service

Base/mobile repeater I/P

462.5500 467.5500
462.5625
462.5750 467.5750
462.5875
462.6000 467.6000
462.6125
462.6250 467.6250
462.6375
462.6500 467.6500
462.6625
462.6750 467.6750
462.6875
462.7000 467.7000
462.7125
462.7250 467.7250

In addition to the station's licensed channel, 462.675 may be used
for emergency and traveler's aid by all stations.
Interstitial channels (462.xxx5) may be used only in simplex mode
with voice transmissions of no more than 5 watts.

Railroads

Ch Freq

2 159.810
3 159.930
4 160.050
5 160.185
6 160.200
7 160.215
8 160.230
.. ..
96 161.550
97 161.565

The channel designation is that assigned by the Association of
American Railroads. Chs 2 thru 6 are used only in Canada. Above
channel 6, spacing is 0.015 MHz.

Marine VHF

Ch Ship Ch Ship

60 156.025
1 156.050 61 156.075
2 156.100 62 156.125
3 156.150 63 156.175
4 156.200 64 156.225
.. ..
25 157.250 85 157.275
26 157.300 86 157.325
27 157.350 87 157.375
28 157.400 88 157.425

Shore stations are 4.600 MHz above the ship frequency. In U.S.
waters the shore frequency may be used on Chs 20, 24-28 & 84-87.
Chs 1-5 & 60-64 are shared with other services. Chs 75 & 76 are
reserved as guard bands for ch 16.
Specific assignments include:
06 156.300 Intership Safety
13 156.650 Weather, notices, etc
16 156.800 General Calling
22 157.100 Coast Guard Liaison

On-board Communications:

Ch mobile repeater
1 467.750 457.525
2 467.775 457.550
3 467.800 457.575
4 467.825 457.600

Weather - NOAA broadcasts

Ch Freq.

1 162.550
2 162.400
3 162.475
4 162.425
5 162.450
6 162.500
7 162.525
161.650 } Environment Canada
161.775 } (marine weather)

6085. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS

Newsgroup: rec.radio.scanner
Date: 1994-07-08 06:53:00 UTC
From: hoagy@umcc.umcc.umich.edu
Message-ID: <2vit4c$hog@umcc.umcc.umich.edu>
Source record: 272037

tim@tbd.oau.org (Tim Dobbins) did contribute said ASCII:
>In <011307Z04071994@anon.penet.fi> an94645@anon.penet.fi writes:
>>------------- Begin Forwarded Message -------------
>>GAY? LESBIAN? BISEXUAL?
>>Want to correspond with others like yourself in your own city or nationwide?
>
>What does this shit have to do with radio communications? Then the little
>faggot who posts it has to hide behind an annonymous id. Sure I'd like to
>correspond with these little faggots, but letter bombs are as illegal as a
>cellular capable scanner.

A little homophobic, Timmy?
--
.....
Matt Rupert - 2984 Pheasant Run Dr. Apt D - Jackson MI 49202 - hoagy@ais.org
Personal Security / UNIX Enthusiast / Amatuer Radio - KB8SGL
Which is worse: ignorance or apathy? Who knows? Who cares?

6086. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-08 12:15:11 UTC
From: zenith89@bnr.ca
Message-ID: <zenith89-080794081511@47.80.2.73>
Source record: 272042

In article <cgwh.22.001232F7@chevron.com>, cgwh@chevron.com (Curtis Wheeler) wrote:
> Enough of my legal critisism and bad analogies. But what is the fascination
> with phone calls that keep people wanting to know how to mod scanners, TVs,
> telephones and whatever else just to listen in to this stuff?

Beats me. Hearing the "working girls" was amusing the first few times. Several times I heard detectives and Police NCOs. The other stuff is crap.

Nothing beats the cops / fire / ambulance. If you just gotta monitor phone calls, I say it's easier and better to listen to the cordless (46 MHz) ones.

Note to non-hams (like me): for a free education, try the ham bands!

--
Chris Van Fleet, Bell Northern Research.
Phone (613) 763-7541, fax (613) 763-7383.
Internet: zenith89@bnr.ca

6087. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-08 12:43:37 UTC
From: john@aio.jsc.nasa.gov
Message-ID: <2vjhlp$65n@pendragon.jsc.nasa.gov>
Source record: 272041

In article 001232F7@chevron.com, cgwh@chevron.com (Curtis Wheeler) writes:
> I just recently started watching and contributing to this group and have some
> questions about a good portion of the discussions.
>
> What is the big attraction on the cellular channels?
>
> Before anyone decides to flame me... I happen to think that the new laws
> "restricting" cellular monitoring are a farse and fly in the face of basic
> principles of the telecommunications act of 1934. What the new laws try to
> accomplish, the act already addressed. If cellular phone users think that no
> can eavesdrop on them anymore jsut because it's "illegal" they should be told
> how ignorant they are. So go ahead and listen. Just don't disclose what you
> hear to anyone. And don't use what hear for your personal (or anyone else's)
> gain.
>
> But what are you listening to? Listening to police and fire channels gives
> you an insight as to what's going on in your area. Listening to aviation
> frequencies can be educating (especially to someone like me). Listening to
> business channels gets old unless your trying to keep track of someone. But
> nothing gets as boring, as fast, as listening to everyday phone calls.
>
> To me it would be like going around my neighborhood and looking into peoples'
> windows. I would usually expect to see people going about their normal boring
> routines. But once in a while I might see something "interesting". What if I
> see someone doing something illegal? Do I call the cops and tell them what I
> saw? Maybe, but isn't it wrong for me to dislose things that I observed that
> were none of my business?
>
> I would offer that there is reasonable expectation to certain level of privacy
> by a cellular phone user. However, maybe not the same level of privacy that
> he or she would expect on a "landline" phone. No one should get in trouble
> for listening to a cellular call if their just listening
> The cell phone users and carriers don't own the spectrum when it comes to
> receivers. But they do own the content of their signals and no one else has
> the right to use it without permission. Just like any other radio
> transmissions you might be monitoring. This was already illegal.
>
> Enough of my legal critisism and bad analogies. But what is the fascination
> with phone calls that keep people wanting to know how to mod scanners, TVs,
> telephones and whatever else just to listen in to this stuff?
>
> I will now put on my asbestos underwear and wait for reponses.
>
>

>
>
>
> Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
> Amateur KD6ELA / GROL PG10-25691 / Private Pilot

Curtis:
I agree with you 100%!

john@sailsun.jsc.nasa.gov
john@aol.com

6088. Re: cellular law?

Newsgroup: rec.radio.scanner
Date: 1994-07-08 13:14:19 UTC
From: bkobb@newsignals.com
Message-ID: <netnewsCsMI3v.C6u@netcom.com>
Source record: 272043

>I have a friend who is taking a grad class, and the instructor has stated
>that it is not against the law to listen to cellular signals. Could
>someone please print a short chunk or synopsis of the 1986 law, so I can
>send it to class with him? Or can you direct me to a FAQ or file
>somewhere with this information? Thanks!

There is one thing, just one, that a person can do to get a thorough education on this question.

Read the article titled "Don't Touch That Dial: Radio Listening Under the Electronic Communications Privacy Act of 1986" by Fred Jay Meyer, in the May 1988 issue of the New York University Law Review (Volume 63, Number 2). A good university or law library should have this.

More than anything else ever widely published on the cellular listening law, and more than a thousand diatribes on the Net, this one article provides the most complete account of what actually happened and how to avoid untoward effects. I was present during the beginning, middle and end of the ECPA circus. I assure you Meyer is telling it like it is.

Bennett Kobb
New Signals Research
WashDC

6089. Uniden SportCat For Sale

Newsgroup: rec.radio.scanner
Date: 1994-07-08 13:47:21 UTC
From: blangos@wtcp.DaytonOH.NCR.COM
Message-ID: <3087@wtcp.DaytonOH.NCR.COM>
Source record: 272062

SportCat For Sale. Will ship anywhere in the US for $150.00.

--
Bruce Langos
Workstation Products Division
Bruce.Langos@wtcp.DaytonOH.NCR.COM
...!uunet!ncrcom!ciss!wtcp!blangos

6090. re: Trip to Sacramento Ca.

Newsgroup: rec.radio.scanner
Date: 1994-07-08 13:48:56 UTC
From: daveh@lmsc.lockheed.com
Message-ID: <CsMJpK.74v@butch.lmsc.lockheed.com>
Source record: 272046

In article <CsGF5L.Mvr@cruzio.com> rhino@cruzio.com writes:
>
> Later on this month a couple friends and I are going to take Amtrak
>from San Jose to Sacramento for a day trip. Mainly what I'm intrested in
>is the rail freqs for the trip, but if I could get the major freqs for
>PD/FD/SO for the bigger cities along the way it would be gravy.
>
Some info on the railroad(s):

From San Jose to Santa Clara (CALTRAIN):
dispatcher: AMTRAK Control - 160.815 Mhz
railroad West - MP46.9 - MP44.3
talking detector - none

From Santa Clara to Newark (SP Mulford Line)
dispatcher: WR50 - 160.320 Mhz
railroad West - MP44.6 - MP30.6
talking detector - MP33.2

From Newark to Niles (SP Tracy Line)
dispatcher: WR50 - 160.320 Mhz
railroad East - MP37.2 - MP42.4
talking detector - MP39.4

From Niles to Elmhurst (SP Hayward Line)
dispatcher: WR50 - 160.320 Mhz
railroad West - MP29.6 - MP13.4
talking detector - MP28.0

From Elmhurst to Oakland (SP Mulford Line)
dispatcher: WR50 - 160.320 Mhz
railroad West - MP13.4 - MP3.9
talking detector - MP12.4

From Oakland to Sacramento (SP Sacramento Line)
dispatcher: WR49 - 161.550 Mhz
railroad East - MP5.5 - MP89.0
talking detectors - MP23.4, MP34.3, MP45.0, MP68.5, MP70.1, MP78.7
Sacramento River drawbridge MP88.5: 156.650 Mhz

SP PBX channels: 160.890 Mhz, 160.950 Mhz, 161.220 Mhz
SP Police: 161.400 Mhz
CALTRAIN Police: 161.005 Mhz
Freight train Flashing-Rear-End-Device (FRED): 457.9375 Mhz
(about 2 mile range, 5-20 second data bursts)

My info on the detector locations may be dated. All detectors announce "defects" on the road channel after the train has passed. Some detectors announce train speed, number of axles and temerature. All of the routes listed above are CTC (Centralized Traffic Control); authority to occupy tracks is given by signals, no radio/voice is necessary. There may be some communications with the dispatcher about delays and speed restrictions. BTW, there are 110-volt AC outlets on each end of the cars.

6091. Central Jersey State Troo

Newsgroup: rec.radio.scanner
Date: 1994-07-08 13:50:00 UTC
From: dave.milsted@compudata.com
Message-ID: <12a.3321.757@compudata.com>
Source record: 271984

```
*> I am looking for Central Jersey State Trooper Frequancies.

Central NJ is listed as Troop C

856.7125
858.2125
859.7125
867.2125
857.2125
858.7125
860.2125
867.6625
857.7125
859.2125
860.7125
868.1375

These are trunked freqs.

-------
Dave |
<####---X

InterNet: dave.milsted@compudata.com

---
```
 RM 1.3 01622 "DOS=HIGH" Hmm, I knew it was on something....

6092. Re: Il military freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-08 13:58:14 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CsMK53.2wL@nntpa.cb.att.com>
Source record: 272044

242.4 MHz (AM) and 47 MHz (FM) are used all the time by
the Army/National Guard helicopters flying over northern
Illinois. Listen on the weekends. That's when there's Guard duty.

I have other freqs but don't know what you were interested in...
army? air force? .....

It helps if you live near a military base, e.g., Glenview NAS,
Scott AFB, etc. There's an Army repeater on 148.6 FM used on
the weekends in Elwood (near Joliet), but it's a small time
operation used on the firing ranges.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6093. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS

Newsgroup: rec.radio.scanner
Date: 1994-07-08 14:03:50 UTC
From: mc@northshore.ecosoft.com
Message-ID: <2vjmc6$1f2@northshore.ecosoft.com>
Source record: 272045

> -=> Quoting an94645@anon.penet.fi to All <=-
>
> an> ------------- Begin Forwarded Message -------------
> an> GAY? LESBIAN? BISEXUAL?
> an> Want to correspond with others like yourself in your own city or
> an> nationwide? Need to talk to someone who understands where you are

What does this kind of crap have to do with scanning radios? I
wonder what kind of twisted pervert, hiding behind an anonymous server is
behind this. Sick puppy.....................

6094. Re: BC700A Mods

Newsgroup: rec.radio.scanner
Date: 1994-07-08 14:09:45 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.369.000E2A08@ccm.hf.intel.com>
Source record: 272067

In article <2vfg0m$eu9@news.delphi.com> gregg43@news.delphi.com (GREGG43@DELPHI.COM) writes:

>Are there any Mods for the BC700A?

Yes. Cellular can be restored.

CELLULAR RESTORATION:

1. Remove the screws holding the case halves; separate them using care to unplug the speaker lead.
2. Turn the scanner upside-down with the face away from you.
3. Remove the two side screws holding the faceplate; tilt it forward.
4. Find the transparent cable. Using a jewelers screwdriver; CAREFULLY pry up and unplug the cable so that the faceplat can be tilted fully forward.
5. Locate the copper/plastic shield under the faceplate; unsolder and remove it.
6. Remove the resistor marked "472"
7. This complete the modification. Plug the cable back in place and test the scanner by entering 870.000 (channel spacing will be 12.5 kHz; not 30 kHz.
8. Reassemble the scanner.

Note: I have not verified this modification. Proceed at your own risk.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6095. Re: Need good book on fed

Newsgroup: rec.radio.scanner
Date: 1994-07-08 15:40:00 UTC
From: randy.true@cccbbs.cincinnati.oh.us
Message-ID: <669.573.uupcb@cccbbs.cincinnati.oh.us>
Source record: 272059

-=> Quoting Ken Wyatt to All <=-

KW> I would highly recommend a new book "Master Frequency File", by
KW> James Tunnell and Robert Kelty. TAB Books. ISBN 0-8306-4131-9.

KW> It includes nationwide listing for the following: FBI, DEA,
KW> SS, US Customs, IRS, US Immigration/Border Patrol, US Marshals,
KW> Prisons, NOAA Weather, US Forest Service, and Park Service.

It is not complete though. He left out information for the U.S. Postal
Service. Other than that, it is very thorough.
Two other good books are, "Federal Frequency Assignment Master File" and
"The Top Secret Regestry of U.S. Government Radio Frequencies" 8th edition.
All three are avalible from Grove.

Randy

... Catch the Blue Wave!
___ Blue Wave/QWK v2.12

6096. Re: Scanners Unlimited...

Newsgroup: rec.radio.scanner
Date: 1994-07-08 15:47:31 UTC
From: slee@netcom.com
Message-ID: <sleeCsMp77.E26@netcom.com>
Source record: 272047

Jason Kronz x8645 p5412 (jkronz@pts.mot.com) wrote:
: Anyone have an Address and phone for these guys???
: Are they US or abroad?

Scanners Unlimited
1199A Laurel Street (1 block west of El Camino Real)
San Carlos, Ca. 94070

(415)-573-1624

--
****
Sherwin Lee
slee@netcom.com or slee@eis.calstate.edu
****

6097. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-07-08 16:32:52 UTC
From: glyle@isadora.seas.ucla.edu
Message-ID: <1994Jul8.163252.11934@enterprise.rdd.lmsc.lockheed.com>
Source record: 272049

In article <2d.8405.603.0N850920@exchange.com>, john.tant@exchange.com (John Tant) writes:
|> >Message-ID: <2vck1l$555@bambam.cts.mtu.edu>
|> >Newsgroup: rec.radio.scanner
|> >Organization: Michigan Technological University
|>
|> >Victor Healey (vhealey@crl.com) wrote:
|> >
|> >Jeff I agree. Radio shack tends to employ folks little more then the
|> >street people that salvage the dumpsters behind the grocery stores. I
|> >never trust anything they have to say of a technical nature and seldom
|> >trust them to even know what radio shack currently sells.
|> >
|> > <snip-o-rama>

|> Tom,
|>
|> This opinion of RatShak "salesmakers" is precisely why, when I worked
|> there for a couple of years (p/time) I would _A L W A Y S_ wear my little
|> ham radio nametag underneath the RS tag. It was amazing how many people
|> would see that tag and walk right past the mgr and come to talk to me.

<snip-o-matic>

|> Most of the store managers I knew weren't like you described. However,
|> the ones who went on to become district managers were.
|> Just my opinion (certainly NOT that of Tandy Corp.!)
|>
|> John

My experiences with local radio shacks have been mostly good. On Field Day, one manager supplied over $200 worth of merchandise to keep our club's station running smoothly. Items provided included cables, adapters, headphones, push-up masts, etc. This was brand-new stuff off his store's shelves. The manager _ate_ the cost of this equipment, since after we used it it was not salable. Needless to say, he gets my business whenever a high-ticket item is to be bought.

Yes, Radio Shack has hired quite a few bozos as salespeople. I note that is less common now that they are carrying ham gear. Most stores want to have someone on staff who can demo the ham rigs so that makes it pretty likely that there will be at least one or two hams working at a store. I also note their recent ad campaign that emphasizes the know-how of their employees. If this campaign represents Tandy's true intent, the days of the bozos are numbered.

Employee competency is becoming much more important. As an example, look at the rapid growth of Home Depot stores. Their policy it to hire people experienced in the use of the items they sell and to pay them fairly. The arrival of Home Depot in our area spelled the demise of other hardware chains that hired "stock-boys" and paid minimum wage. The surviving competition are the stores that have matched Home Depot's standard for employee competency. Perhaps Radio Shack needs some competition!

George Lyle

6098. Blatant plug for PerCon CD-ROM!

Newsgroup: rec.radio.scanner
Date: 1994-07-08 17:50:15 UTC
From: lee@tosspot.sv.com
Message-ID: <gqo6oc1w165w@tosspot.sv.com>
Source record: 272048

Nope, I'm nothing at all to do with those folk other that I bought their Northeast edition of the FCC data on CD-ROM.

Personally, for all its' shortcomings, I love the thing. Much more information than is to be found in book format.

Pro - Packed with information

Con - The search engine provided on the CD has more bugs than the American embassy in Moscow.

The export format is fine, except that the four numeric fields in each record (other 57 are character type) can't be properly exported.

Rating - 9 out of a possible 10. The usefulness of this thing far outweighs the annoyances.

Buy it, then export the stuff you're interested in to the database of your choice.

(BTW, the four non usable fields are not critical ones...)

Lee

6099. austin $ g-town

Newsgroup: rec.radio.scanner
Date: 1994-07-08 18:29:07 UTC
From: larsenk@austin.ibm.com
Message-ID: <CsMwoJ.2yL6@austin.ibm.com>
Source record: 272050

Would someone please list frequencies for Austin and Georgetown Tx. Looking
for some of the private security agences as well as the police dept. also
the frequencies for Southwest University in Georgetown

Thanks Ken Larsen

By the way I just received a new scanner from my children to replace my old one

it's a PRO-46
model no.20-305
fcc id:aao20-305
freq. range 29-54
108-136.975
137-174
406-512
806-956
seems ok for my needs for now

6100. Pro2006 Xtal

Newsgroup: rec.radio.scanner
Date: 1994-07-08 19:13:23 UTC
From: lpsweers@freenet3.scri.fsu.edu
Message-ID: <2vk8gj$bln@freenet3.scri.fsu.edu>
Source record: 272051

I have heard that one can replace a xtal in order to hasten the speed of scanning. Unfortunatly this was all I heard. I am interested in this mod. If anyone has such directions please post or email them to me. I have already cut two restrictive diodes to enable full coverage and slightly faster scan speed.
Thank you much for your information.
--
Iggyiggy@vt.edu or lpsweers@freenet.scri.fsu.edu
Linus Peter Sweers

6101. Re: question about pro-46 mod

Newsgroup: rec.radio.scanner
Date: 1994-07-08 19:39:18 UTC
From: mryanc@tamucc.edu
Message-ID: <2vka16$fs5@news.tamu.edu>
Source record: 272052

There is no reason to do the mod! Just hold down 2, 9, L/O while
powering up thee radio. Scan down to the last feq just before the
radio jjumps into one of its "normal" bands and store it in a memory
location. Start with location 23 after the power up. It will be in
a "forbidden" zone.

--

```
_____________________________________|_____________________________________|
| | |
| Hot Flaming Death to Pee-Cee, | In the beginning, there was nothing. |
| MS-DOG, Windoze, & MacIntrash | And God said ,"LET THERE BE LIGHT!" |
| | |
| >>>> AMIGA RULEZ! <<<< | There was still nothing, |
| | but now you could see it. |
| mryanc@tamucc.edu | |
|_____________________________________|_____________________________________|
```

6102. Re: New AOR AR-8000

Newsgroup: rec.radio.scanner
Date: 1994-07-08 19:43:37 UTC
From: steven@sgb.oau.org
Message-ID: <Csn04r.D2H@sgb.oau.org>
Source record: 272070

Simon Collings (scollin@sapphire.win-uk.net) wrote:
: I notice a growing interest in this new scanner from AOR in the
: past couple of days.

: I will have one these radios on loan from AOR (UK) for a while
: soon. I have been asked by AOR Japan to write a DOS utility to
: configure the factory presets for AOR national distributors.

So the ranges are programmable? That's nice! I guess that
gets around the U.S. cellular wording about easily modifiable,
since without a computer it would meet the law perfectly, as
in "it is internally programmed to not include cellular ranges
which is not easily modifiable by adding or removing a COMPONENT".

The law never covered being reprogrammed via serial port. Nice
touch! When will I be able to order one?

: Although I am working on a job for AOR, I am NOT on their payroll
: and can take an unbiased look at the radio. I will post a review
: just as soon as I have had a chance to play. Is there anything
: anyone wants to know in particular? I have the chance find out if
: there is.

I would love to see a review... in particular, is there any
kind of selectable per channel delay (example, channels 2, 7,
and 8 have a 2 second delay where the rest have no delay)?

How long does it run between charges?

I have heard it is modular construction, true or false?

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6103. Re: M-400 Multimode Decoder Output to Computer

Newsgroup: rec.radio.scanner
Date: 1994-07-08 19:45:21 UTC
From: steven@sgb.oau.org
Message-ID: <Csn07n.D3z@sgb.oau.org>
Source record: 272071

Kenneth J Morrill (kmorrill@strauss.udel.edu) wrote:
: How can I send output intended for my printer into my computer instead?

By using a parallel to serial converter and using a serial port
with a terminal program.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6104. Looking for info on 2009

Newsgroup: rec.radio.scanner
Date: 1994-07-08 19:46:00 UTC
From: philip.evans@woodybbs.com
Message-ID: <93.271.7592.0NFB2B5E@woodybbs.com>
Source record: 271989

Got an old RS2009 cheap last night. If anyone knows something about this scanner please post...

--- Maximus/2 2.01wb
* Origin: Frog Hollow Port Moody BC 604-469-0264 (1:153/290)

6105. Re: Blatant plug for PerCon CD-ROM!

Newsgroup: rec.radio.scanner
Date: 1994-07-08 20:08:45 UTC
From: rml@asbt55.phx1.aro.allied.com
Message-ID: <2vkbod$crg@asbe05.phx1.aro.allied.com>
Source record: 272056

In message <gqo6oc1w165w@tosspot.sv.com> - lee@tosspot.sv.com (Lee Reynolds) writes:
>Nope, I'm nothing at all to do with those folk other that I bought their
>Northeast edition of the FCC data on CD-ROM.
> ^^^^^^^^
Exactly what kind of data is this?

Mike Leckey, Jr. AlliedSignal Engines
rml@pelab.allied.com Phoenix, AZ
rml@asbt55.phx1.aro.allied.com (602)231-1685

6106. Re: Wanted

Newsgroup: rec.radio.scanner
Date: 1994-07-08 20:20:49 UTC
From: magnet@nRCHs022
Message-ID: <2vkcf1$ip3@corpgate.rich.nt.com>
Source record: 272053

Alan Wilensky (alan.wilensky@channel1.com) wrote:
|Looking for an Icom IC R9000.

|reply to abm@world.std.com

I'm told the FBI has a few. ;-)

--
brad.glidewell@nt.com

6107. Nuts & Volts mag

Newsgroup: rec.radio.scanner
Date: 1994-07-08 20:23:56 UTC
From: atom@netcom.com
Message-ID: <atomCsn1zx.HKF@netcom.com>
Source record: 272054
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

I keep on seeing references to a magazine called Nuts and Volts, but
I havent' been able to find it. Can someone tell me where to
find a copy in the San Francisco/East Bay area?

Thanks!
--
+--------=Allen Tom=--------+
| atom@soda.berkeley.edu | Real blood, real broken bones.... now that's ART!
| atom@netcom.com | -- GG Allin
+-------------------------+
GB/U/CS d-- -p+ c++ l u e+/* m+(---) s n+(---) h(*) f+ g- w++ t+@ r- y?(*)

6108. Re: New Pro-43 can't be moded?

Newsgroup: rec.radio.scanner
Date: 1994-07-08 20:40:16 UTC
From: atom@netcom.com
Message-ID: <atomCsn2r5.JuJ@netcom.com>
Source record: 272057

Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> wrote:
" -=> Quoting Allen Tom to All <=-
"
" AT> From: atom@netcom.com (Allen Tom)
" AT>
" AT> I just bought a RS Pro-43, and I noticed that the FCC ID is AA020-300A
" AT> which differs from the old ID # which didn't have the A at the end.
" AT> Does this mean that this Pro43 can't be modified for cellular?
" AT>
"
" Hi, Allen...I just read on another net that if you have the letter 'A'
"before your serial number, the unit cannot be modified. Is this the case?

Yup, that's true. I'd like to thank everyone who responded
to my initial post by posting or through email!

I went back to Radio Shack and told them that I wanted to return
my Pro43 because it can't be modified for cellular. They told me that
they already knew of the problem because some people have already
complaied abut the models with the "A" FCC id and the "A" serial number.
They called a couple other radio shack stores in the area and finally
found one that had a new, in-the-box modifiable Pro43. I went
to that store and they let me swap.

If you're in the market for a scanner, you'd better get it NOW!
Most radio shacks are OUT of modifiable Pro43's (I checked 5 RS in
San Francisco and Berkeley). Of those 5 stores, one had one in the box,
and another only had a demo unit. I hear that most mail order outlets
are also fresh out of modifiable Pro43's....

BTW - I don't really care about the cellular anyway. I'm just making a big
deal over it because it's supposedly illegal. If the FCC didn't care
about it, I doubt I would either...

Allen

--
+-------=Allen Tom=-------+
| atom@soda.berkeley.edu | Real blood, real broken bones.... now that's ART!
| atom@netcom.com | -- GG Allin
+------------------------+
GB/U/CS d-- -p+ c++ l u e+/* m+(---) s n+(---) h(*) f+ g- w++ t+@ r- y?(*)

6109. indy freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-08 21:11:36 UTC
From: holtzman@shazam.ecs.csus.edu
Message-ID: <2vkfe8$2pq@csusac.ecs.csus.edu>
Source record: 272055
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

I pulled this off the net earlier, be aware, crews change freqs sometimes.

Indy 500 Frequencies 1994
(s)=Denotes Scrambled Communications

Car Driver Frequency(s)
1 Nigel Mansel 461.2875 468.2250
2 E. Fittipaldi 852.1875(s) 855.7875(s) 856.7875(s)
859.8375(s) 858.8375(s) 851.0375(s)
851.0375(s)
3 Paul Tracy 855.7875(s) 856.9125(s) 856.7875(s)
859.8375(s) 858.8375(s) 851.0375(s)
4 Bobby Rahal 468.2625 469.2625 463.8875
466.3125
5 Raul Boesel 466.1875 462.0875 464.9125
6 Mario Andretti 461.7125 462.6500 468.3625
7 Adrian Fernandez 464.5625
8 Michael Andretti 467.0375 464.0375 462.2625
9 Robby Gordon 461.0625 463.2375 461.0125
10 Mike Groff 462.8125 467.8375
11 Teo Fabi 464.9375 467.1875 465.7375
460.3125
12 J. Villeneuve 466.5375
14 Brian Herta 461.8375 463.9875 457.5875
457.5375 461.4375 456.9125
16 Stephan Johansson 853.4875 855.5875
17 Dominic Dobson 463.4625 468.4625
18 Jimmy Vassar 467.0875
19 Brian Till 460.0875
21 Roberto Guerrero 461.8125
22 Hiro Matshusista 462.0875 464.9125 466.1875
465.0125
25 Marco Greco 467.7500 468.8125 468.2125
465.0125
27 Eddie Cheever 467.7625
28 Arie Luyendyk 465.2375 461.2375
31 Al Uncer Jr. 854.8375(s)
33 John Andretti 463.9875
40 Scott Goodyear 463.7375 468.7375 469.2375
45 John Paul Jr. 461.2125
59 Scott Brayton 468.7625
71 Scott Sharp 461.7625 466.7625
79 Dennis Vitolo 461.4125
88 Manricio Gugelmin 469.8875

90 Lyn St. James 463.7625
91 Stan Fox 469.6250
99 Hideshi Matsuda 466.4125

USAC Race Control 821.6875
USAC Officials 935.1375 935.1500 936.6375
Safety Vehicles 453.3000 458.7500
Infield Medical 155.2500 157.6350

Indy PA System 470.0500
Indy Radio Net 450.8375
ESPN 455.5500
ABC TV 159.2700]

Also Check for media from 450-451 Mhz
and from 455-458 Mhz.

End of File

6110. scanners & supplies?

Newsgroup: rec.radio.scanner
Date: 1994-07-08 21:27:05 UTC
From: JEFF.KELLEY@sable.com
Message-ID: <38ABA470@sable.com>
Source record: 272069

Could someone tell me of some other places to get scanners and equipment
such as antenaes besides my local Radio Shack which sucks. How about
mail order? Any discount places with good quality?

Thanks,

Jeff Kelley
-jeff.kelley@sable.com

* OLX 2.1 * Chicken heads are the chief food of captive alligators.

==========
Sable OnLine! - The Next Generation of Online Service.
==========

=======

6111. Do you like the Uniden BC 760XLT?

Newsgroup: rec.radio.scanner
Date: 1994-07-08 22:44:48 UTC
From: sullivk@cie-2.uoregon.edu
Message-ID: <2vkkt0$su3@pith.uoregon.edu>
Source record: 272058

Hello everyone,

I'm new to the world of scanners and I heard mention of the Uniden BC 760XLT scanner on the Art Bell AM radio show, he said that though it was an older model that it was an excellent value for $269.95 from C. Crane and Co. (a mailorder outfit in CA) he went on to say that this unit could receive the now blocked portion of the 800MHz band.

On impulse I purchased one ... *gulp*. Was I lucky to find one on sale or have I made a terrible mistake? :-) Any information, opinions or anecdotes about this particular model scanner would be welcome. Thanks

Kevin Sullivan
sullivk@cie-2.uoregon.edu

==========
There is no cure for birth and death save to enjoy the interval.
- George Santayana (1922)
==========

6112. Re: Nuts & Volts mag

Newsgroup: rec.radio.scanner
Date: 1994-07-08 22:56:03 UTC
From: ligosa@pipeline.com
Message-ID: <2vkli3$8fn@pipe1.pipeline.com>
Source record: 272060

atom@netcom.com (Allen Tom) wrote:

>
>I keep on seeing references to a magazine called Nuts
>and Volts, but I havent' been able to find it. Can
>someone tell me where to find a copy in the San
>Francisco/East Bay area?
>
>Thanks!
>--
NUTS & VOLTS MAGAZINE
430 Princeland Court
Corona CA 91719-9938
1-800-783-4624 (subscriptions)
1-714-371-3052 (subscribe by FAX)
All advertisements magazine (though they've just publishing
small projects).
Issues are $2.00 (at least, that's the price on the cover),
subscriptions
are (third class mail, USA:) $12/1 year, $21/2 years, $60/life,
(first class
mail USA) $20/1 year, (Canada/Mexico) US$22, (other foreign,
air mail) US$55.
A subscription also entitles you to one free classified ad of
40 words.

:-(:-(□□□□□□□□□

6113. Re: image reception (was: Cellular on Non-Cellular channels?)

Newsgroup: rec.radio.scanner
Date: 1994-07-08 22:58:55 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.23.0010FBE6@chevron.com>
Source record: 272064

In article <1994Jul6.170451.15529@adobe.com> taft@mv.us.adobe.com (Ed Taft) writes:
>cgwh@chevron.com (Curtis Wheeler)
>>I program 156.8 into the scanner and I should be able to hear air traffic on
>>135.4. Of course, I also will hear a whoever is using 156.8.

>Interesting that you picked this particular example. 156.8 is marine
>VHF channel 16, which is the international calling and emergency
>frequency. The image, heard on a Uniden BC200, is a busy aviation
>channel in this area (Oakland Center, I believe).

>It's amusing to scan the marine band and hear conversations about
>flight levels and localizers. The reception is surprisingly good,
>considering that the marine band is FM but aviation is AM.

You're right. 135.4 was the first thing that popped into my head when I was thinking of the example. 135.4 is a freq for Bay Approach. They provide terminal radar service for bay area airports.

As far as the reception goes, I imagine you have no trouble hearing it but the audio level might be slightly reduced. AM (with both sidebands as opposed to SSB) has some FM characteristics. And the limiting ability of some scanners maybe questionable.

I should have also mentioned that whether you add or subract the magic number (two times the IF) depends on whether your local oscillator is generating high or low injection. Since you hear 135.4 on 156.8 your injection must be 10.7 MHz low or 146.1.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
Amateur KD6ELA / GROL PG10-25691 / Private Pilot

6114. Re: Mobile use of scanners

Newsgroup: rec.radio.scanner
Date: 1994-07-08 23:13:05 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.24.0011385F@chevron.com>
Source record: 271975

In article <linleyCsK58K.1zw@netcom.com> linley@netcom.com (Bruce James Robert Linley) writes:
>What is the Title/Section/etc of the law that exempts amateur radio equipment
>from the anti-mobile-scanner laws? Is it a federal or state law. I'm in CA
>and would like to have a copy of the law in case any difficulties arise.

There is no law against the mobile use of scanners in California unless you are using it to commit a crime and avoid detection. So it's illegal to use it to get away with intentionally speeding by keeping track of police whereabouts. Technically, this should also apply to radar detectors but it's hard to prove.

I think the scanner law that you are thinking of was back east somewhere. I want to say Connecticuit but I am not sure. I also beleive that it applied to amateur equipment in the possesion of licensed amateurs, not just Joe Anyone that bought a mobile ham rig.

Someone correct me if I am wrong.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
Amateur KD6ELA / GROL PG10-25691 / Private Pilot

6115. Re: Nuts & Volts mag

Newsgroup: rec.radio.scanner
Date: 1994-07-08 23:22:09 UTC
From: jlundgr@eis.calstate.edu
Message-ID: <2vkn31$o8e@eis.calstate.edu>
Source record: 272061
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

atom@netcom.com (Allen Tom) writes:
> I keep on seeing references to a magazine called Nuts and Volts, but
> I havent' been able to find it. Can someone tell me where to
> find a copy in the San Francisco/East Bay area?
>
> Thanks!

Call 1(800) 783-4624 (subscription only line) and order your very own.
I don't think you'll be disappointed.

> --
> +-------=Allen Tom=-------+
> | atom@soda.berkeley.edu | Real blood, real broken bones.... now that's ART!
> | atom@netcom.com | -- GG Allin
> +-------------------------+
> GB/U/CS d-- -p+ c++ l u e+/* m+(---) s n+(---) h(*) f+ g- w++ t+@ r- y?(*)

--
$$$$$$ John Lundgren $$$$$$ jlundgr@eis.calstate.edu $$$$$$
$$$$$$ jlundgre@pop.rancho.cc.ca.us $$$$$$ Standard Disclaimers apply.
Rancho Santiago College - 17th St. at Bristol - Santa Ana, CA 92706
$$$$$$ Two rights don't make a wrong, they make an airplane. $$$$$$
$$$$$ "The man who toys with the most dies, wins." - Dr. Kevorkian? $$$$$

6116. Re: New Pro-43 can't be moded?

Newsgroup: rec.radio.scanner
Date: 1994-07-08 23:50:13 UTC
From: thomas@venice.sedd.trw.com
Message-ID: <1994Jul8.235013.13124@venice.sedd.trw.com>
Source record: 272063

In article <773563500@f747.n115.z1> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
writes:
> -=> Quoting Allen Tom to All <=-
>
> AT> This is the stuff on the label on the back of my Pro43:
> AT>
> AT> Model No: 20-300
> AT> FCC ID: AA020-300A
> AT> S. No. A003974 <-----------
>
> The arrow tells the story. It is not modifiable.
>
> Jerry
>

Actually, I'd say the FCC ID tells the story! The ' A' at the end is new,
indicating a new improved FCC approval!

Also note the "number" in the S/N seems to have been reset somewhat.

Anyway, the arrow does tell a sad story.

Rob
My words, my opinion. Certainly not my employer's.

6117. Re: Second Cell Phone

Newsgroup: rec.radio.scanner
Date: 1994-07-09 00:35:44 UTC
From: dayglo@phantom.com
Message-ID: <2vkrd0$q79@dockmaster.phantom.com>
Source record: 272066

David Hansen (dwhansen@panix.com) wrote:

: Can a second cell phone be programmed to the same number as my first
: one? In other words I would have another just like an extention phone in the
: house. I understand that this is done by criminals and they piggyback onto a
: subscribers bill without his knowledge. I want to do basically the same
: thing, but I would be paying for the second phone's calls.

Yes, this can definately be done. It depends upon the Cellphone as to how
easy it actually is. Motorola, Tandy, Nokia and Panasonic do not require
an e-prom programmer. Most of the others do. Most Boneheads will tell
you that this is illegal. No one in the FCC has ever heard of such a law.

: Can a cell phone be made to act as a scanner and receive other
: traffic on the frequency? Seems to me if I could make the phone just monitor
: the different channels, I could use it like a receiver.

Not a scanner as this group would suggest. Actually a manual one where
you have to change each and every channel reguardless if it has something
being received or not.

6118. Re: Pro2006 Xtal

Newsgroup: rec.radio.scanner
Date: 1994-07-09 00:51:34 UTC
From: ROSS@NOVAX.LLNL.GOV
Message-ID: <ROSS-080794174908@lisaraip5.llnl.gov>
Source record: 272065

In article <2vk8gj$bln@freenet3.scri.fsu.edu>,
lpsweers@freenet3.scri.fsu.edu (Linus Sweers) wrote:
>
> I have heard that one can replace a xtal in order to hasten the speed of
> scanning. Unfortunatly this was all I heard. I am interested in this mod.
> If anyone has such directions please post or email them to me. I have
> already cut two restrictive diodes to enable full coverage and slightly
> faster scan speed.

I suggest you purchase Bill Cheek's Scanner Mod. Book 2 for details for
this (and other) mod. Although not mentioned in the book, the highest speed
replacement crystal that has no reported failures is 16 Mhz. I tried higher
speeds and the unit locked up.

Gary

The above opinions are mine, not those of LLNL.

Gary Ross
Shot Director ROSS@NOVAX.LLNL.GOV
Nova Laser Operations ROSSMAN@AOL.COM
Lawrence Livermore National Lab ROSSMAN@EWORLD.COM
P.O. Box 808 L-489
Livermore, CA 94551

6119. 1 pro43 left in Berkeley RS

Newsgroup: rec.radio.scanner
Date: 1994-07-09 01:18:58 UTC
From: pickard@cory.EECS.Berkeley.EDU
Message-ID: <2vktu2$mc3@agate.berkeley.edu>
Source record: 272068

I just bought an older model pro-43 at the Radio Shack in Berkeley. They
have one left if anyone has been looking for a scanner that can be modified.
I doubled checked the number on mine and it does not include the A suffix.

6120. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-09 01:39:27 UTC
From: David Harpe <david_harpe@mm.cobb.ziff.com>
Message-ID: <CsnGLs.6IC@zcias2.ziff.com>
Source record: 272073

In article <cgwh.22.001232F7@chevron.com> Curtis Wheeler,
cgwh@chevron.com writes:
>What is the big attraction on the cellular channels?

It's because it's the only chunk of bandwidth that's restricted. It's
sort of like what happens in the movies when a theater yanks a picture on
moral grounds (remember "Caligula"?). Even though it may be trash,
EVERYBODY wants to see it then....

David Harpe
David_Harpe@mm.cobb.ziff.com

6121. Re: Nuts & Volts mag

Newsgroup: rec.radio.scanner
Date: 1994-07-09 01:44:28 UTC
From: magickal@dorsai.org
Message-ID: <CsnGu5.EC7@dorsai.org>
Source record: 272074
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

Allen Tom (atom@netcom.com) wrote:
: I keep on seeing references to a magazine called Nuts and Volts, but
: I havent' been able to find it. Can someone tell me where to
: find a copy in the San Francisco/East Bay area?

: Thanks!

I believe they have an 800 number... Call the WATS operator and ask for it...

6122. NJ freq question....

Newsgroup: rec.radio.scanner
Date: 1994-07-09 01:46:42 UTC
From: stessej@iia.org
Message-ID: <2vkvi2$aj@ankh.iia.org>
Source record: 272004

Is there a list of all the police Freqs for northern NJ available via
FTP? I'd prefer a whole list, but if someone would look it up, I
specifically need the freq for River Vale, NJ. Thanks to anyone who helps.

--
T / / / / \ \ |stessej@iia.org| -----[Jay Stess#####]
R / /___ / /___ \ \ ----------------- / |%%%%%\[Of New Jersey]
S /_____/ /_____/ \ ____ ____ | |%%%%%%\[Hockey Playr]
0 0 0 0 0 0 0 0 _____\ <____> | |%%%%%%%\[6/5/94sig##]

6123. Re: Need good book on federal freqs.

Newsgroup: rec.radio.scanner
Date: 1994-07-09 02:03:51 UTC
From: carson@siggraph.org
Message-ID: <carson-080794180352@carson.slip.netcom.com>
Source record: 272072

I highly recommend the book "Frequency Assignment Master File" by the Communications Research Council. It is very complete and accurate and includes many frequencies (such as the new FBI systems) that are not available elsewhere.

List price $24.95, available through ARTSCI Publishing, PO Box 1848, Burbank, CA 91507. Phone: 818-843-4080, Fax: 818-846-2298.

Steve Carson phone: +1-310-675-2093
GSC Associates Inc. fax: +1-310-675-2159
13254 Jefferson Avenue e-mail: carson@siggraph.org
Hawthorne, CA 90250 USA

6124. Re: Scanners Unlimited...

Newsgroup: rec.radio.scanner
Date: 1994-07-09 03:53:05 UTC
From: media2k@aol.com
Message-ID: <2vl6v1$bq2@search01.news.aol.com>
Source record: 271976

I just purchased a 2500XLT from these guys.
Great experience with a guy there named "Glen".
He know's his stuff! I was very pleased with them and
will likely take my business there from now on
(even though there some 35 miles from me).

Nothing but kind words.

Rudy A. Willis
Media 2000

6125. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS

Newsgroup: rec.radio.scanner
Date: 1994-07-09 04:09:49 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jul9.040949.9134@hpcvaac.cv.hp.com>
Source record: 271977

mc@northshore.ecosoft.com (Michael Crestohl) writes:
: > an> ------------- Begin Forwarded Message -------------
: > an> GAY? LESBIAN? BISEXUAL?
: > an> Want to correspond with others like yourself in your own city or
: > an> nationwide? Need to talk to someone who understands where you are
:
: What does this kind of crap have to do with scanning radios? I
: wonder what kind of twisted pervert, hiding behind an anonymous server is
: behind this. Sick puppy.....

If you were gay, you would hide behind an anonymous server also. To do otherwise is to risk getting yourself beat to death - by homophobes like yourself.

As long as they leave me alone, I don't care what they do to each other. Just like we want the government to leave us alone to listen to any frequencies that we want to monitor.

Yes, the posting does not belong here. So, send an e-mail message to the the administrator of the anonymous service. I expect that future abuses will be curtailed.

Bill

6126. SHUTTLE on 445mhz in Dallas,TX

Newsgroup: rec.radio.scanner
Date: 1994-07-09 04:39:15 UTC
From: copeland@metronet.com
Message-ID: <CsnoxF.7vw@metronet.com>
Source record: 271979

After scanning around, I found a local ham is rebroadcasting shuttle transmissions on 445mhz here in Dallas,TX.

Happy listening

--

| copeland@metronet.com |

6127. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS

Newsgroup: rec.radio.scanner
Date: 1994-07-09 04:52:26 UTC
From: ac082@FreeNet.Carleton.CA
Message-ID: <CsnpJE.8Au@freenet.carleton.ca>
Source record: 271978

In a previous article, do321@cleveland.Freenet.Edu (Brian R. Landel) says:

>
>What the hell does that have to do with scanning?!?!?!!
>

Well Brian, I guess it depends on which way your antenna is oriented :)
--
regards,
Charlie
ac082@freenet.carleton.ca

6128. PD trying to discourage scanners?

Newsgroup: rec.radio.scanner
Date: 1994-07-09 05:06:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <773770367.AA08727@rochgte.fidonet.org>
Source record: 271994

> From: CLL002@email.mot.com (Luke Lin)
> Organization: Motorola Inc.

> resources available for all the calls happening at once. The fact
> that it
> interrupts scanners is a byproduct, not the intent of the design.

BUT, that is the usual reason cited by the marketing GEniuses from the
trunking coMpanies. It is also the reason most often given by officials for
needing to spend all that money on a new radio system.

Email replies to: david.stark@rochgte.fidonet.org
Packet replies to: NF2G@WB2WXQ.#WNY.NY.USA.NA

6129. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-09 05:44:35 UTC
From: mryanc@tamucc.edu
Message-ID: <2vldg3$ls1@news.tamu.edu>
Source record: 271980

Isnt It great how someone will quote a 100Mb article and add one or two
lines of his own? Hey, I hear AOL is hiring!

--

```
_____________________________________________________________________________
| | |
| Hot Flaming Death to Pee-Cee, | In the beginning, there was nothing. |
| MS-DOG, Windoze, & MacIntrash | And God said ,"LET THERE BE LIGHT!" |
| | |
| >>>> AMIGA RULEZ! <<<< | There was still nothing, |
| | but now you could see it. |
| mryanc@tamucc.edu | |
|_____________________________________|_____________________________________|
```

6130. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-09 06:38:34 UTC
From: linley@netcom.com
Message-ID: <linleyCsnuGB.1CI@netcom.com>
Source record: 271981
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In ye olden post zenith89@bnr.ca (Chris Van Fleet) spake...
>In article <cgwh.22.001232F7@chevron.com>, cgwh@chevron.com (Curtis
>Wheeler) wrote:
>> Enough of my legal critisism and bad analogies. But what is the fascination
>> with phone calls that keep people wanting to know how to mod scanners, TVs,
>> telephones and whatever else just to listen in to this stuff?
>
>Beats me. Hearing the "working girls" was amusing the first few times.
>Several times I heard detectives and Police NCOs. The other stuff is crap.

Also, you get to hear people calling the psychic friends network, and other
900/976 numbers without the x$/minute charge (hmmm is this 'profitting' off
of what you're hearing?)

>Nothing beats the cops / fire / ambulance. If you just gotta monitor
>phone calls, I say it's easier and better to listen to the cordless
>(46 MHz) ones.

If listening to phone calls is your dig, cellular's got way more than
cordless.

>Note to non-hams (like me): for a free education, try the ham bands!

Definitely! This is what led to me getting my license!

Note: none of what I said should be construed to imply that I listen to
anything I'm not allowed to. The stuff mentioned above was heard coming out
of some guy's scanner for sale at a local swap meet.

All anti-scanner laws translate to "You can't listen to a radio". Such laws
are very scary and remind me of dictatorship countries who have only stronger
versions of these laws. Pretty soon, some congressman will ask, "Why should
ordinary folk be listening to the police?" Scary indeed. What band segment
will be next? Am I on the feds 'dangerous' list yet?

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur radio: KE6EQZ
-=-=-=-=-=-=-=- "Another visitor. Stay a while.... Stay FOREVER!" -=-=-=-=-=-=-

6131. ANY AND ALL FREQ. FOR BAY AREA

Newsgroup: rec.radio.scanner
Date: 1994-07-09 08:03:22 UTC
From: warfrat@well.sf.ca.us
Message-ID: <2vllka$p06@nkosi.well.com>
Source record: 271983
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.privacy

Am looking for hard to find scanner frequencies for the Bay area of San Francisco. I would like any info I can get.

Prefer that you E-mail but I will also check for replies here.

Thanks! warfrat@well.sf.ca

6132. Re: Seattle killer caught by scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-09 09:03:48 UTC
From: davidm@iglou.com
Message-ID: <qVc7kK7gXHBB068yn@iglou.com>
Source record: 271985

In article <1994Jul5.224043.1469@visus.com>, jml@visus.com (Jim Large) wrote:

> It's not illegal to listen to cell-phone calls ... yet. The only thing that
> IS illegal about cell-phone monitoring is the manufacture or import of radios
> that can do it (or be easily modified, for some arbitrary definition of
> "easy").

No offense Jim, but you've obviously never heard of the Electronic Communications Privacy Act of 1986 (ECPA). It makes (made) it illegal to monitor cellular phone calls in any way, shape, or form, and by any method, unless you are a law enforcement officer with proper authorizations, or an employee of the phone company involved, and such monitoring is necessary in the normal course of your job.

And I guess I better insert here that the ECPA applies to the United States only.

If you need a copy of the ECPA, email me and I'll email a copy to you (that offer is open to anyone else who needs it too). Let me know if you can handle the zipped and uuencoded version, or if you need the plain-text version (and if you need this one tell me if you have problems with an email message that is 100k long).

David
davidm@iglou.com

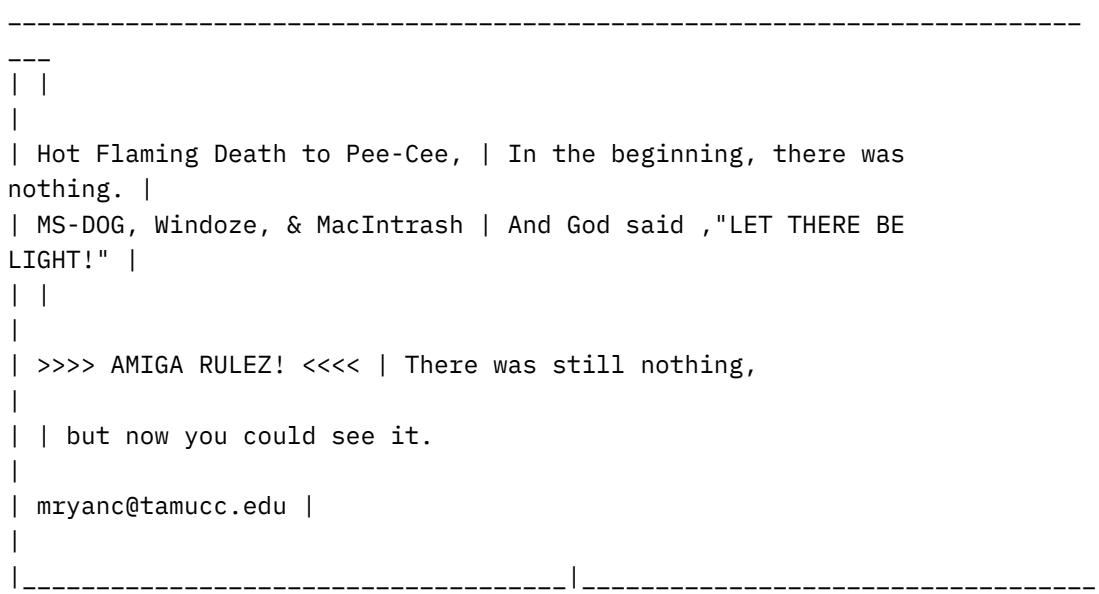
6133. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-09 09:48:03 UTC
From: media2k@aol.com
Message-ID: <2vlroj$h68@search01.news.aol.com>
Source record: 271986

In article <2vldg3$ls1@news.tamu.edu>, mryanc@tamucc.edu (Ryan McDonald) writes:

Isnt It great how someone will quote a 100Mb article and add one or two lines of his own? Hey, I hear AOL is hiring!

--


| Hot Flaming Death to Pee-Cee, | In the beginning, there was nothing.
| MS-DOG, Windoze, & MacIntrash | And God said ,"LET THERE BE LIGHT!"
| >>>> AMIGA RULEZ! <<<< | There was still nothing,
| | but now you could see it.
| mryanc@tamucc.edu |

Not to bitch or anything, but...

Isn't it great when one's signature is larger than what one has to say? I hear The National Enquirer is hiring! (Couldn't resist, sorry)

Rudy A. Willis
Media 2000

6134. McDonald's Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-09 11:22:53 UTC
From: siemer@umbc.edu
Message-ID: <2vm1adINNgnh@umbc7.umbc.edu>
Source record: 271987

Anyone have the freqs for McDonald's drive-thru window?

Thanks

6135. Re: McDonald's Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-09 11:35:02 UTC
From: subcontrol@aol.com
Message-ID: <2vm216$i17@search01.news.aol.com>
Source record: 271988

In article <2vm1adINNgnh@umbc7.umbc.edu>, siemer@umbc.edu (Mr. Henry Siemer) writes

>:Anyone have the freqs for McDonald's drive-thru window?

>Thanks

156.4

Jeff

6136. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS

Newsgroup: rec.radio.scanner
Date: 1994-07-09 13:17:46 UTC
From: steven@sgb.oau.org
Message-ID: <CsoCxn.KsI@sgb.oau.org>
Source record: 271993

Matthew Rupert (hoagy@umcc.umcc.umich.edu) wrote:
: tim@tbd.oau.org (Tim Dobbins) did contribute said ASCII:
: >In <011307Z04071994@anon.penet.fi> an94645@anon.penet.fi writes:
: >>------------- Begin Forwarded Message -------------
: >>GAY? LESBIAN? BISEXUAL?
: >>Want to correspond with others like yourself in your own city or nationwide?
: >
: >What does this shit have to do with radio communications? Then the little
: >faggot who posts it has to hide behind an annonymous id. Sure I'd like to
: >correspond with these little faggots, but letter bombs are as illegal as a
: >cellular capable scanner.

: A little homophobic, Timmy?

He's NOT the only one... Like I said in the oj simpson fan newsgroup where someone suggested Goldman was gay -- That was no major loss to society. But Nicole, that's different.

There is no place for these immoral unneeded people with personal problems (where they forgot if they were male or female) especially THIS newsgroup.

They do not belong in ANY newsgroup except for those containing the words gay, lez or bisex.

Ask someone who is gay how they plan to reproduce. (snicker) I suspect the answer will be most interesting.

[unsigned]

6137. Address

Newsgroup: rec.radio.scanner
Date: 1994-07-09 13:50:00 UTC
From: cosimo.delrosso@woodybbs.com
Message-ID: <93.275.7592.0NFB2B6C@woodybbs.com>
Source record: 272010

Anyone out there know how to get Pcboard to place Long Address in the address field?

Thanks

--- QScan v1.067b
* Origin: B.F.W.K The Home of "Amateur Radio" (1:107/594)

6138. Re: McDonald's Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-09 14:31:04 UTC
From: wwhitby@aol.com
Message-ID: <2vmcb8$jup@search01.news.aol.com>
Source record: 271990

In article <2vm1adINNgnh@umbc7.umbc.edu>, siemer@umbc.edu (Mr. Henry Siemer) writes:

I don't have an exact list of all McDonald's frequencies, but McDonald's posts its FCC license on the bulletin board in the local resturants around here. The McDonald's here operate on 469.0125 mHz and are licensed for @6 other frequencies in that range.

Try scanninng the frequencies of 154.600, 154.570, and 466.000 -470.000.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

6139. Marine VHF

Newsgroup: rec.radio.scanner
Date: 1994-07-09 15:56:20 UTC
From: david.mitchell@aldus.com
Message-ID: <2vjsv4$cck@ve6mgs.ampr.ab.ca>
Source record: 271991
Cross-posted to: rec.radio.info,rec.radio.scanner

>From Frequently Asked Frequencies (FAF.ZIP) in Compu$erv's HamNet:

Marine VHF

Ch Ship Ch Ship

60 156.025
1 156.050 61 156.075
2 156.100 62 156.125
3 156.150 63 156.175
4 156.200 64 156.225
5 156.250 65 156.275
6 156.300 66 156.325
7 156.350 67 156.375
8 156.400 68 156.425
9 156.450 69 156.475
10 156.500 70 156.525
11 156.550 71 156.575
12 156.600 72 156.625
13 156.650 73 156.675
14 156.700 74 156.725
15 156.750 75 - - - -
16 156.800 76 - - - -
17 156.850 77 156.875
18 156.900 78 156.925
19 156.950 79 156.975
20 157.000 80 157.025
21 157.050 81 157.075
22 157.100 82 157.125
23 157.150 83 157.175
24 157.200 84 157.225
25 157.250 85 157.275
26 157.300 86 157.325
27 157.350 87 157.375
28 157.400 88 157.425

Shore stations are 4.600 MHz above the ship frequency. In U.S.
waters the shore frequency may be used on Chs 20, 24-28 & 84-87.
Chs 1-5 & 60-64 are shared with other services. Chs 75 & 76 are
reserved as guard bands for ch 16.
Specific assignments include:
06 - Intership Safety 13 - Weather, notices, etc
16 - General Calling 22 - Coast Guard Liaison

On-board Communications:

Ch mobile repeater
1 467.750 457.525
2 467.775 457.550
3 467.800 457.575
4 467.825 457.600

***

No test is required to operate a marine VHF, but a station license is required, and a Restricted Radiotelephone Operator Permit is required to operate in non-US waters.

Finally, transmitting equipment for ANY band except Amateur must be type-accepted, thus you cannot legally modify your HT for marine use.

David Mitchell
KI7WW GROL

6140. UC Berkeley PD / maintennence Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-09 15:57:08 UTC
From: Anonymous User <nobody@soda.berkeley.edu>
Message-ID: <2vmhck$4k9@agate.berkeley.edu>
Source record: 271992
Cross-posted to: ucb.general,alt.radio.scanner,rec.radio.scanner

Can someone post the freqs for UC Berkeley? Thanks in advance!

tnt heroin
ecodefense tnt

For more information about this anonymous posting service,please send mail
to remailer@soda.berkeley.edu with Subject: remailer-info.

To respond to the sender of this message, send mail to
remailer@soda.berkeley.edu, starting your message with
the following 7 lines:
::
Response-Key: ideaclipper

====Encrypted-Sender-Begin====
MI@```$AS^P;+]AB?X9TW6\8W2:JP&2'Z@^970EZ3/[*Y/G2F&*Q9"GG+A1$^
@A=P\YTS4+]:#\I+M'+OW",?QSU/]_-NN]HW-)%A`R:P`
====Encrypted-Sender-End====

6141. Re: New Pro-43 can't be moded?

Newsgroup: rec.radio.scanner
Date: 1994-07-09 16:51:56 UTC
From: steven@sgb.oau.org
Message-ID: <CsoMuL.MD6@sgb.oau.org>
Source record: 272001

Rob Thomas (thomas@venice.sedd.trw.com) wrote:
: In article <773563500@f747.n115.z1> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
writes:
: > -=> Quoting Allen Tom to All <=-
: >
: > AT> This is the stuff on the label on the back of my Pro43:
: > AT>
: > AT> Model No: 20-300
: > AT> FCC ID: AA020-300A
: > AT> S. No. A003974 <-----------
: >
: > The arrow tells the story. It is not modifiable.
: >
: > Jerry
: >

: Actually, I'd say the FCC ID tells the story! The ' A' at the end is new,
: indicating a new improved FCC approval!

: Also note the "number" in the S/N seems to have been reset somewhat.

: Anyway, the arrow does tell a sad story.

We are making more assumptions here, again, aren't we?

Before anyone starts passing around stories that the 20-300A units
can not be modified, someone needs to look at the diodes in the
20-300 model and compare that section to the 20-300A units. Such
as perhaps if the processor/ROM was not changed, the diode was
mapped to another section of the board.

Also a comparison needs to be done between where the traces of the
old units go from the diode and where the traces of the new ones go,
or don't go. And if they don't exist, what happens if a diode is
placed between the two points where one used to be used? I mean they
may have inverted the logic, and require the diode present for
cellular, this means they would have a chip usable internationally as
well as domestically. On the Pro-43, was it add the diode or remove
the diode? I thought it was MOVE the diode, and the new location
opened up 54-88 mhz. What happened to this section of the spectrum?
Ie how many diodes are there or locations for them now?

Now, add to this a printed circuit board without any place to connect
the diode, specifically made for U.S. sales. Since there is no place
to add the component or remove the component, it would meet the letter
of the law, AND keep the production costs down by using one CPU for

both markets.

If this is true, it should be possible to use a 1N4148 or 1N914 diode between where the diode was connected in the old units using the same locations in the new units. I guess until we can get some input from an international service facility, or someone has the benefit of both types (old and new) we won't know. But I know they would not sell many units internationally without the cellular capability being restorable, and its not econimically practical to make TWO different CPUs/Roms to be used in the two markets. I mean its obviously should be possible to change the new CPU/Rom for the old version, obtained with intention of installing in international version. Has anyone asked any manufacturer if this will work? Costs? Parts?

I know my next unit will be from Canada or overseas just to avoid all this sh*t and aggrivation. I will NOT buy another scanner from a U.S. dealer UNLESS it is easily modifiable or comes with cellular.

I am surprised no-one has done so yet. If I needed another scanner (I have five as it is), I would do this research myself, and use the 30 day return policy that all Radio Shacks have to return it if I could not find a way to restore it. That is a suggestion for anyone interested. Just make sure you are careful and that it still works when you have finished your modifications in an attempt to restore the cellular. Better yet, even if your mods kill the thing, you can still take it back and exchange it for a working model (duh, it quit working) as long as it does not LOOK like it was opened and messed with.

We need some experimenters to start work on this beast. I do not think it has made it to my area yet...

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6142. Re: Cellular Phone Freq above 900 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-07-09 18:18:27 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773865204@f747.n115.z1>
Source record: 271895

-=> Quoting Peter Jacobs to All <=-

PJ> I have a PRO-46 Scanner which currently has the 800 Mhz cellular
PJ> frequencies disabled, but I've noticed that I can pick up cellular
PJ> conversations between 900-915 Mhz that my friend picks up on his
PJ> scanner in the 860-890 Mhz range. Furthermore, his scanner does not
PJ> pick up the conversations at 900-915 Mhz like mine.
PJ>
PJ> Does anyone know why my scanner picks up the conversations at that
PJ> range?? I'm thinking that I'm getting some "image", but I'm not sure.

Hi, Peter...You can be sure....you are picking up an image. Figure a
10.8 IF, double that gets 21.6. Subtract 21.6 from 900 and you get
879.400...smack in the middle of the cellular band.

Jerry

`

6143. Re: getting a frequency list

Newsgroup: rec.radio.scanner
Date: 1994-07-09 18:26:21 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773865205@f747.n115.z1>
Source record: 271886

-=> Quoting Kerby Hill to All <=-

KH> where can I get a listing of frequencies for the entire state of
KH> Maryland?

Go to Radio Shack and pick up a book called Police Call and Beyond Police
Call. That should get you started.

KH> --
KH> Kerby Hill rrock@clark.net 410-538-4301 if you're with the FCC, you
KH> suck Howard Stern is the only true god of the morning anywhere!!!

--
If Howard is such a god, why do people in Chicago not follow?!
"Re-evaluate everything"...quote from Rock 103.5, Chicago

Jerry

6144. Re: PRO 2006 vs. PRO 2006A cell mods

Newsgroup: rec.radio.scanner
Date: 1994-07-09 18:38:00 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773865206@f747.n115.z1>
Source record: 271896

-=> Quoting John Wierzbicki to All <=-

JW> The catalog number on the scanner I just bought, on the ID
JW> plate on the back says 20-145A. Is this modifiable for
JW> cellular? I need to know ASAP, because if is not, I want
JW> to return it. (Not that I'm going to listen to it, that's
JW> illegal =;^)).

Yes, it does work. The only difference between the 20-145 and 20-145A is
the dimmer dispaly has been replaced with an on/off switch. GO FOR IT!

Jerry

6145. Re: RS Pro-51 modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-07-09 18:41:29 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773865207@f747.n115.z1>
Source record: 271894

-=> Quoting Allen Tom to All <=-

AT> From: atom@netcom.com (Allen Tom)
AT>
AT> According to net.opinion, my new radio Shack pro43 can't
AT> be modifiable for cellular, so I'll probably return it tomorrow.
AT> Does anyone have any info on the RS pro51? According to an article
AT> in monitoring times, the pro51 can be modifiable with a code
AT> punched into the keyboard! Has anyone tried it?
Hi, Allen...

This message was on CompuServe. Thought users of the '51 may be interested
in this.
Jerry Smith

Subj: PRO-51 cellular trick Section: VHF/UHF Scanning
From: Howard Bornstein 76174,637 # 273839, 1 Reply
To: All Date: 02-Jun-94 05:47

There is an interesting test mode in the PRO-51 that, combined with the
direct search feature of the scanner, lets you pick up out-of-band
frequencies. You will have full access to the 66-88 Mhz ranges as well as
the cellular base range of 869-896 Mhz.

Actually, there are several test modes in the PRO-51 (most of these
comments should be true for any Uniden-made Radio Shack scanner, such as
the PRO-46). I'll describe them first and then how to take advantage of
one of them to get the restricted frequencies.

There are three data test modes. These modes completely destroy any
frequencies you had programmed into your scanner, so it's best to use
these techniques before you program your scanner. If you have already
programmed it, you'll have to decide if these new capabilities are worth
reprogramming.

Test mode 0. Clear the scanner.

A well-known method of clearing the scanner to all zeros is to hold down
the 2 key, the 9 key, and turn on the scanner. All frequencies will be
lost.

TEST MODE 1. Fill channels 1-25 with test frequencies.

Press the 2 key, the 9 key, the L/Out key, and turn on the scanner.

This fills channels 1-25 with these frequencies:

1 30.050
2 40.840
3 49.900
4 138.150
5 162.400
6 173.225
7 406.875
8 453.250
9 511.9125
10 108.500
11 118.800
12 127.175
13 135.500
14 66.450*
15 76.825*
16 87.425*
17 157.800
18 482.3625
19 29.000
20 54.000
21 806.000
22 857.200
23 888.96*
24 911.500
25 954.9125

* indicates not within the PRO-51's normal coverage. More on how to use these in a minute.

TEST MODE 2. Fill channels 1-17 with test frequencies.

Press 2, 9, Manual

Fills channels 1-17 with these frequencies:

30.00, 40.00, 50.00, 140.00, 155.00, 170.00, 410.00, 460.00, 510.00, 54.00,
109.00, 118.00, 127.00, 135.00, 810.00, 860.00, 950.00.

There is also a display diagnotic mode.

Display Test Mode.

Press 2, 9, Band or 2, 9, Moni.

This put the display in test mode. Every annunciator and every digit element is turned on in a scan from the left side of the display to the right. To keep this test mode continuous, release the buttons before the first scan finishes. This mode does not affect stored memory. Press any key to exit this display mode.

Now, if you've decided to try test mode 1, you will find several out-of-band frequencies stored in your memory channels. Channels 14-16 hold frequencies in the blocked out 66-88 Mhz range, and channel 23 holds

a frequency in the blocked out cellular base range. Once you have these frequencies stored in a memory channel, the PRO-51's direct search feature will let you search though these ranges. In the cellular band, the scanner searches in the correct 30 Khz steps.

You don't have to keep these frequencies in these channels. You can move them to any channel in the scanner. First move them to a monitor channel.

While on a channel with one of these frequencies, open squelch completely. Press direct search button, either up or down. The direct search button puts the scanner into search mode and the open squelch holds the frequency. Then press the Monitor button. The frequency is now in the monitor channel indicated in the display.

Now you can move it to any regular memory channel in the scanner.

Enter the channel number
Press PROG
Press Monitor
Press the number of the monitor channel if the proper channel is not displayed
Press E(nter)

The frequency is now permanently stored in the memory channel. You can do a direct search from this memory channel at any time.

The 66-88 Mhz range mainly covers TV audio. However, there is a strange phenomenon concerning TV audio and the PRO-51. Channels 4, 5, and 6 audio fall within the 66-88 Mhz range, yet the PRO-51 will not pick up the audio frequency while searching in this range. However, TV channel 2 audio is at 59.75 Mhz. When you add the intermediate frequency of 21.6 Mhz, you get an image of the TV channel 2 audio appearing at 81.35 Mhz. This does come in, although raspy, since the PRO-51 is receiving in narrow FM mode while TV audio requires wide band FM mode for proper reception.

I'd be interested in anyone can verify that any of these test modes work on the PRO-46 or any other Uniden-made Radio Shack scanner.

Jerry

6146. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-09 18:44:44 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773865208@f747.n115.z1>
Source record: 271891

-=> Quoting Media 2K to All <=-

M2> Does anyone know if such a scanner exists that has an alpha-numeric
M2> display that allows one to enter text to be displayed along with
M2> the frequency?

Hi, Rudy...
The Uniden Bearcat 8500 (soon to be discontinued) has alpha-numeric capability. It is only available in the first 250 of the 500 channel base unit. This unit was plagued with problems and has not been recommended by anyone that I know of. No word on a replacement for this unit as of yet from Uniden.

Jerry

6147. Re: BC8500XLT poor Air Freqs Reception

Newsgroup: rec.radio.scanner
Date: 1994-07-09 18:59:06 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773865209@f747.n115.z1>
Source record: 271890

-=> Quoting Tim Bohr(R) to All <=-

TB> My brother-in-law bought a BC8500XLT and hooked it up to his roof
TB> antenna and was disappointed w/ the aircraft frequency reception
TB> quality. The signals he gets from the tower are weak and also some
TB> static is audible also. When using the small telescoping antenna that
TB> came w/ the unit. the problem was even worse, introducing some
TB> hi-pitched squirelly noise that seemingly came from inside the unit.
TB> Signals from the planes themselves are OK.

Hi, Tim...This is a common problem I have seen reported on the 8500.
Probably why there aren't a bunch of takers of this unit.

Jerry

6148. Re: Bob Grove - Wrong Again?

Newsgroup: rec.radio.scanner
Date: 1994-07-09 19:01:16 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773865210@f747.n115.z1>
Source record: 271889

-=> Quoting Gary Ross to All <=-

GR> Whats with Bob Grove? His latest Monitoring Times (overpriced)
GR> magazine (July) has a full page ad for the 2006 that states "One of the
GR> most renowned scanners of all time is now being produced without the
GR> ability to be restored to full coverage. All our current stock is still
GR> restorable to full coverage. Don't miss this opportunity".
GR>
GR> What is he talking about? I have not heard anything about a
GR> non-restorable 2006 as it is being phased out to probably be replaced
GR> by the 1000 channel PRO-2035 (20-460) that should appear on the shelves
GR> in the near future.
GR> If I find his statment to be false, I am thinking of dumping my
GR> subscription. I don't need misinformation just to spur sales.

There are so many rumors going on about the 2006. Will it die in the
fall? Will it still live after minor surgery of it's CPU? Stay tuned...

Jerry

6149. Re: ll military freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-09 19:06:49 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773865211@f747.n115.z1>
Source record: 271892

-=> Quoting Michael A. Carpenter to All <=-

MAC> Does anyone have any active freqs for the military in N.E.
MAC> Illinois? I have several freqs but havent heard anything. Also,
MAC> when is the best time to listen?
MAC>

Check the files of Radio Hobby Online @ 708-238-1901. I believe there
are a bunch there in the library.

Jerry

6150. Press Freqs for SF

Newsgroup: rec.radio.scanner
Date: 1994-07-09 19:08:16 UTC
From: slee@netcom.com
Message-ID: <sleeCsot5s.7Cn@netcom.com>
Source record: 271996
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does anyone have a list of all the press frequencies for San Francisco Bay Area? The main ones I want are the SF ones. Thank You for any assistance.

--

****

Sherwin Lee

slee@netcom.com or slee@eis.calstate.edu

****

6151. Re: PRO 2026 Mods wanted

Newsgroup: rec.radio.scanner
Date: 1994-07-09 19:09:43 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773865212@f747.n115.z1>
Source record: 271885

-=> Quoting Wwhitby to All <=-

Ww> Could anyone e-mail me any mods they have for the PRO 2026 scanner? I
Ww> don't have ftp capabality yet so I need help.
Ww>

Just open up the unit and locate L201. Snip this wire and full 800 Mhz
coverage is restored.
Jerry

6152. Shuttle Freqs for SF

Newsgroup: rec.radio.scanner
Date: 1994-07-09 19:11:09 UTC
From: slee@netcom.com
Message-ID: <sleeCsotAL.7Jy@netcom.com>
Source record: 271997
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does anyone know on what frequencies I can hear the shuttle on? I know
of only 145.585 or something like that, but I only heard it while I was
in San Carlos. I was wondering what freqs should I turn to while I am in
SF. I only have a portable PRO-43 with an Austin Condor antenna. I
would really like to hear the people up there on this mission. Thank You
for any help.
--
****
Sherwin Lee
slee@netcom.com or slee@eis.calstate.edu
****

6153. Re: Scanner laws?

Newsgroup: rec.radio.scanner
Date: 1994-07-09 19:11:51 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773865213@f747.n115.z1>
Source record: 271893

-=> Quoting Michael P. Rolfes to All <=-

MPR> Can someone send me the scanner laws for the following states:
MPR> Indiana, Illinois, and Iowa?

Hi, Michael...
There are currently no laws in IL for having a scanner in the car or on your person. Chicago has a law that would make it illegal to use a scanner while in commission of a crime. Don't commit any crimes and you will be OK. <g>

Jerry

6154. Re: Signal attenuation

Newsgroup: rec.radio.scanner
Date: 1994-07-09 19:15:46 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773865214@f747.n115.z1>
Source record: 271887

-=> Quoting Ken Davis-SunService-Atlanta-CS Acc to All <=-

KDA> I'm looking for a way to reduce the signal strength coming into my
KDA> 2026 RS scanner. I've looked in Grove and other magazines but I can't
KDA> seem to find a variable signal attenuator.

Hi, Ken...I have heard the 15-570 75 ohm attentuator from RS will work.
You will have to get the appropriate connectors to interface correctly with
the scanner.

Jerry

6155. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-09 19:19:09 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773865215@f747.n115.z1>
Source record: 271888

-=> Quoting Curtis Wheeler to All <=-

CW> From: cgwh@chevron.com (Curtis Wheeler)
CW>
CW> I just recently started watching and contributing to this group and
CW> have some questions about a good portion of the discussions.
CW>
CW> What is the big attraction on the cellular channels?

I find cellular conversations boring for the most part as well. But several agencies will use this as a back door to communicate with a dispatch center or a hospital. Of course, what I hear remains within the confines of my mind. So I will switch to these when someone on the public safety channes says "Call me on the carphone."

Jerry

6156. SFPD Unit Ident.?

Newsgroup: rec.radio.scanner
Date: 1994-07-09 19:26:02 UTC
From: slee@netcom.com
Message-ID: <sleeCsotzE.1G9@netcom.com>
Source record: 271998
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Does anyone know how the SFPD identifies their units? You know, 3 adam 3 boy, and other things like that. I heard it has to do with kind of vehicle, beat, area, and things like that but I am not sure what is what.

--

****

Sherwin Lee

slee@netcom.com or slee@eis.calstate.edu

****

6157. UC Berkeley Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-09 20:23:51 UTC
From: jdross@sdcc13.ucsd.edu
Message-ID: <70143@sdcc12.ucsd.edu>
Source record: 271999

The freqs I have for UCB are as follows:

155.5050 - Police Common, all UC's
155.4450 - Police Common, all UC's
464.4250 - Berkely, unknown usage
483.0875 - Berkeley, unknown usage
484.3125 - Berkeley, unknown usage

Hope these help!

J.D. Ross
Woodland Hills, CA
jdross@sdcc13.ucsd.edu

6158. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-09 21:21:31 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CsozBv.8Eq@freenet.carleton.ca>
Source record: 272000

In a previous article, siemer@umbc.edu (Mr. Henry Siemer) says:

>
>Anyone have the freqs for McDonald's drive-thru window?
>
>Thanks
>
WHY?

I really don't care if the guy in front of me has ordered 2 Big Mac's...

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

6159. Re: Controlling Pro2006 with a Mac

Newsgroup: rec.radio.scanner
Date: 1994-07-09 22:07:37 UTC
From: n2kra@starcomm.overleaf.com
Message-ID: <2vn739$6ug@starcomm.overleaf.com>
Source record: 272002

Darryl Harvey (djh@shell.portal.com) wrote:
: On Fri, 24 Jun 1994 00:46:57 GMT, Lindy Williams wrote:
: > Does anyone know of a program that will permit controlling Pro2006 with a
: > Mac. All I have ever seen advertised is for IMB compatible.

: I just spoke to OptoElectronics (The Makers of the OptoScan 456) and
: they tell me that they have someone working on a Mac based S/W for the
: board. So all us Mac uses will soon be able to control our 2005/6's..

: I am also told that the interface is RS232, so basically any Computer
: can control your scanner. You just need to write an interface for it.

Opto says the Interface/Protocol is CI-V, Compatable with Icom (and
other?) computer controllable radios. Keith Sproul WU2Z has written a
hypercard stack to control various Icom Ham rigs. Sounds like it would
be a good starting point.

It uses normal serial port XCMDs. The problem, being hypercard,
would be speed. But compilers, or a native PowerMac ver should fix
that. (hint, hint Claris)

Keith is akasbb1@peabody.sct.ucarb.com.

6160. Scanner for Sale (Pro-51)

Newsgroup: rec.radio.scanner
Date: 1994-07-09 23:29:15 UTC
From: cravitma@cps.msu.edu
Message-ID: <2vnbsb$1043@msuinfo.cl.msu.edu>
Source record: 272005
Cross-posted to: rec.radio.swap,rec.radio.scanner

I have a scanner for sale. It is a Radio shack Pro-51, which has the following features (these are the important ones anyway):

- Tunes 29-54,118-174,380-512,800 MHz (excludes cellular, not sure if it is mod'able)
- 200 channels in 10 banks + 10 "monitor" channels
- 2-button scanning of Air, Marine, Weather or Fire frequencies
- Lockout, priority, keyboard lock, search between limits
- Light on display
- Quite small and light

Comes with manual and antenna. The radio is about 5 months old, and I am selling it 'cause I need the money, not 'cause I am in any way unhappy with it.

Paid ~$299.99 + tax. I am asking $225 + 1/2 shipping, OBO (reasonable offers only). Very good condition, small amount of fine scratching on the display, but this does not in any way affect the use of the radio. The scratches are less than 0.25mm wide, and none are very long. I will ship the scanner UPS or FedEx COD, whichever turns out to be cheaper.

If interested, please reply by e-mail (cravitma@cps.msu.edu)

/Matthew

--
Matthew Cravit, N9VWG | A child of five could solve
Michigan State University | this problem...quick, fetch
E-Mail: cravitma@cps.msu.edu | me a child of five!
PGP 2.3 Public Key available from http://web.cps.msu.edu/~cravitma

--
--
Matthew Cravit, N9VWG | A child of five could solve
Michigan State University | this problem...quick, fetch
E-Mail: cravitma@cps.msu.edu | me a child of five!

6161. 2 modifiable PRO-43s (Woburn, MA)

Newsgroup: rec.radio.scanner
Date: 1994-07-10 00:04:56 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jul9.190456.2608@hnrc.tufts.edu>
Source record: 272003

On Wednesday, while in the the RS in the Woburn (MA) Mall for some connectors,
I noticed they had 2 modifiable PRO-43s.

6162. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-10 00:18:23 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jul9.191823.2609@hnrc.tufts.edu>
Source record: 272006

In article <cgwh.22.001232F7@chevron.com>, cgwh@chevron.com (Curtis Wheeler) writes:
> What is the big attraction on the cellular channels?

I would guess three things, from what I've heard told:
(1) The lure of forbidden fruit.
(2) The fact that there's always something there, even in communities where
othere utility services are relatively quiet.
(3) The same sort of appeal as soap operas. A glimpse into people's lives
that may be interesting in a gossipy kind of way, with the knowledge that
little if anything will be resolved and that the "story line" may cut away
before anything significant happens . . . but always with the potential
for something out of the ordinary (e.g., I heard about a conversation
between a husband and wife to purjure her court testimony to keep him out
of jail).

I think the question is a fair one, but the answer is the same as that to "Why
watch soap operas?" Some people find them enjoyable; many find them a
complete waste of time. There's no right answer, just different perspectives.

I'm waiting for the anti-monitoring provisions of the ECPA to be repealed so
that I can judge for myself. With my luck, the repeal will take place just as
everything gets converted to digital (which is why, at the April 26 deadline,
I *didn't* plunk down $1400 for a 7100) so I'll *never* know for sure.

6163. OPTOSCAN 456

Newsgroup: rec.radio.scanner
Date: 1994-07-10 00:56:00 UTC
From: jthomas@hookup.net
Message-ID: <jthomas.10.2E1F4720@hookup.net>
Source record: 272007

I was wondering if other people out there are having any trouble with the software that came with it.

My trouble is that it is not reading certain frequencies in search or memory mode! The frequency I'm having trouble with the most is 142.935, witch happens to be the local police department.

138-142 is where all our law enforcment frequencies are and have not had any luck with them either.

I had no trouble installing the hardware took about 40 min. Any information would be helpfull.

Jim jthomas@hookup.net

6164. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-10 00:59:08 UTC
From: steven@sgb.oau.org
Message-ID: <Csp9EM.2vw@sgb.oau.org>
Source record: 272013

Chris Van Fleet (zenith89@bnr.ca) wrote:
: In article <cgwh.22.001232F7@chevron.com>, cgwh@chevron.com (Curtis
: Wheeler) wrote:
: > Enough of my legal critisism and bad analogies. But what is the fascination
: > with phone calls that keep people wanting to know how to mod scanners, TVs,
: > telephones and whatever else just to listen in to this stuff?
: Beats me. Hearing the "working girls" was amusing the first few times.
: Several times I heard detectives and Police NCOs. The other stuff is crap.

: Nothing beats the cops / fire / ambulance. If you just gotta monitor
: phone calls, I say it's easier and better to listen to the cordless
: (46 MHz) ones.

: Note to non-hams (like me): for a free education, try the ham bands!

Well looks like its time for my $1 worth, I'll try and make it cheap:

It is not so much the fascination and or regular entertainment you can
get (ie, the working girls, the confidential calls the cops make on
their cellular thinking its "secure", or the drug deals that go on)
that causes an interest to do so... its the "ability" and "capability"
to do so when the need or interest arises.

I'll admit, my cellular listening is around 1 hour per month, usually
when there is nothing else going on.

But, there is a freedom of the airwaves that needs to be protected,
and there should be no radio frequency "protected" to the extent you
can not readily obtain equipment to monitor it.

If they want privacy, there are digital methods to do so. But when they
expect their signals to get free passage through my property, then
I have a right to possess equipment to monitor those signals passing
through. I mean, heck, I could make a limited range but strong signal
to intentionally interfere and block cellular signals from entering or
exiting my property, to basically prevent them for going through.

If others did the same, then maybe the cellular guys might understand,
if they want passage, either we get to possess equipment to make sure
what's passing is legal (for example -- not obscene or pornographic),
or it does not pass.

I mean, why shouldn't cellular be monitored and the same rules which
affect any other broadcast signal be placed upon them??? I mean they
ARE broadcasting... anyhow, I got off topic...

It's not so much the interest of doing this on a regular basis for
a person's pleasure as it is to having the capability and freedom
to do so when conditions make it entertaining to do so.

To h*ll with the law, I think those who know me, by now know my
views on it, I totally ignore it.

Freedom in this instance relates to having readily available equipment
to do so. Supposedly the U.S. is the Land of the Free... Well I think
that should be the Land of the Restricted.

If you want privacy, DON'T use a device with an antenna!!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6165. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-10 01:08:17 UTC
From: steven@sgb.oau.org
Message-ID: <Csp9tw.2y2@sgb.oau.org>
Source record: 272014

David Harpe (david_harpe@mm.cobb.ziff.com) wrote:
: In article <cgwh.22.001232F7@chevron.com> Curtis Wheeler,
: cgwh@chevron.com writes:
: >What is the big attraction on the cellular channels?

: It's because it's the only chunk of bandwidth that's restricted. It's
: sort of like what happens in the movies when a theater yanks a picture on
: moral grounds (remember "Caligula"?). Even though it may be trash,
: EVERYBODY wants to see it then....

I am in ONE HUNDRED PERCENT AGREEMENT with that!!

Like I said in another post, I average 1 hour a month of cellular.
That's like 15 minutes in a week, under three minutes a day. The
actual math is around 15 minutes four times a month. For example:

I am driving down the highway, this IDIOT is swerving all over the
highway with his ear to his cellular phone and one hand on the
wheel. Well.. this must be an interesting conversation to make him
take is concentration off what he is doing... so its time to find
out what is causing this hazardous condition... on goes the scanner,
and the button labeled search is depressed, on the lower cell phone
segment... looking for a nice STRONG signal. Aha.. locked in. Now,
what's this... the wife is saying she want a DIVORCE? Oh ho.. Now
I see... must have been that late friday night at the office made
her feel forgotten... aha... that explains his poor attempt at
keeping on the road... ok, off with scanner. Answer found.

Oh, the scanner is in Florida. Sits on the car seat in top of the
briefcase. Uses rechargable batteries and an antenna clipped on
the window. No law broken with scanner in vehicle as the law is
quite specific. It states "installed" in a vehicle. A handheld
is NOT installed and a window clip is not considered installed either.
Installation is further defined as using vehicle power and antenna.
Well it's not using a vehicle antenna, as its a telescopic 4 foot
portable. No vehicle power. Meets the exception quite well :-)

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6166. Re: Trip to Sacramento Ca.

Newsgroup: rec.radio.scanner
Date: 1994-07-10 01:15:52 UTC
From: woodman@rain.org
Message-ID: <woodman.773802008@coyote>
Source record: 272008

daveh@lmsc.lockheed.com (Dave Herzstein) writes:

>In article <CsGF5L.Mvr@cruzio.com> rhino@cruzio.com writes:
>>
>> Later on this month a couple friends and I are going to take Amtrak
>>from San Jose to Sacramento for a day trip. Mainly what I'm intrested in
>>is the rail freqs for the trip, but if I could get the major freqs for
>>PD/FD/SO for the bigger cities along the way it would be gravy.
>>
>Some info on the railroad(s):

***** Lots of frequencies and info deleted******************

If you are a real serious rail fan/scanner user you need to get
California Regional Timetable #5, current edition. It lists each railroad
in the state with mile post data, defect scanners, rosters and complete
lists of all frequencies in use. About $16.50 at a model rail
road store or direct from Altamont Press,po box 754, Modesto CA
95353-0754. I get a new one once a year.

They also put out timetables for the: Pacific Northwest Region, Southwest
Region, both $11.25, Rocky Mountain Region, $14.50 and Intermountain, $13.25.
Plus Calif. sales tax and postage which I don't know.

Format is 10.5 x 4 inches, just like the prototype, with stiff card
covers. Buy one for your area once and I guarantee that you will buy one
a year and maybe an extra for the glove box. I had one of the first ones
on Amtrak once and wrote Altamont's address for two of the train
crew.

--
--- |
Michael Woodill | You can do everything with bayonets
| except sit on them.
woodman@coyote.rain.org | O. von Bismarck

6167. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS

Newsgroup: rec.radio.scanner
Date: 1994-07-10 02:16:47 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jul10.021647.27202@hpcvaac.cv.hp.com>
Source record: 272009

steven@sgb.oau.org (Steven Bradley) writes:
: : A little homophobic, Timmy?
:
: He's NOT the only one... Like I said in the oj simpson fan newsgroup
: where someone suggested Goldman was gay -- That was no major loss to
: society. But Nicole, that's different.

Yeah, it's too bad there are so many narrow-minded people in the world.

: There is no place for these immoral unneeded people with personal
: problems (where they forgot if they were male or female) especially
: THIS newsgroup.

Who are you, or I, to determine what is "moral" for other people. That is
a personal value judgement, usually based on religion. By the way, I doubt
if the gays have any doubt as to their sex.

: They do not belong in ANY newsgroup except for those containing the
: words gay, lez or bisex.

I agree that the posting does not belong here. So, complain to the
postmaster at the posting site.

: Ask someone who is gay how they plan to reproduce. (snicker) I
: suspect the answer will be most interesting.

What does it matter if they can or not? That is none of our business, just
as it is none of our business if married people choose to not have children.

They are human, like you and I are. Their sexual orientation does not change
that in the least.

Bill

6168. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-10 04:34:02 UTC
From: jworth@news.delphi.com
Message-ID: <2vntnq$d0f@news.delphi.com>
Source record: 272012

(previous article deleted)

There are also law enforcement agencies that use cellular. They think
they are private, but it is just a waste of tax money.

6169. Re: Wanted: Freqs for Colorado Front Range

Newsgroup: rec.radio.scanner
Date: 1994-07-10 05:26:44 UTC
From: scott glass <bigscott@delphi.com>
Message-ID: <hy4wRj0.bigscott@delphi.com>
Source record: 272011

You might check the Denver Metro Scanner Guide (I got mine at the Tattered Cover) as a start.

6170. Regency HX-1000

Newsgroup: rec.radio.scanner
Date: 1994-07-10 05:51:27 UTC
From: dhartzell@ins.infonet.net
Message-ID: <2vo28v$cgg@insosf1.infonet.net>
Source record: 272015

Does anyone know anthing about the Regency HX-1000 model scanner?>
I have a unit that programs fine, and scans, but does not recieve.
It also does not stop when it recieves a carrier. Any hints, info,
manufacture address, etc. would be greatly appreciated.

6171. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS

Newsgroup: rec.radio.scanner
Date: 1994-07-10 07:52:02 UTC
From: hoagy@umcc.umcc.umich.edu
Message-ID: <2vo9b2$i4b@umcc.umcc.umich.edu>
Source record: 272016

steven@sgb.oau.org (Steven Bradley) did contribute said ASCII:
>: A little homophobic, Timmy?
>
> There is no place for these immoral unneeded people with personal
> problems (where they forgot if they were male or female) especially
> THIS newsgroup.
>
> They do not belong in ANY newsgroup except for those containing the
> words gay, lez or bisex.
>
> Ask someone who is gay how they plan to reproduce. (snicker) I
> suspect the answer will be most interesting.

I agree. A place for everything and everything in its place.

However, it is *quite* un-necessary to post a rhetort which slams
someone due to their beliefs/et cetera.

The original post was in the wrong place.
The responses showed a severe lack of maturity.

The poster of the advertisement needs to learn net-discretion.
The follow-up-perns need to learn a bit about tolerance and
etiquette.

Gee, fellas, courtesy *is* contagious.
--
.....
Matt Rupert - 2984 Pheasant Run Dr. Apt D - Jackson MI 49202 - hoagy@ais.org
Personal Security / UNIX Enthusiast / Amatuer Radio - KB8SGL
Which is worse: ignorance or apathy? Who knows? Who cares?

6172. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-10 07:54:08 UTC
From: hoagy@umcc.umcc.umich.edu
Message-ID: <2vo9f0$i6e@umcc.umcc.umich.edu>
Source record: 272017

ad607@FreeNet.Carleton.CA (Darrell A. Larose) did contribute said ASCII:
>>Anyone have the freqs for McDonald's drive-thru window?
>>
>>Thanks
>>
>WHY?
>
>I really don't care if the guy in front of me has ordered 2 Big Mac's...
>

Then...don't use them!

If you're not interested, don't read the article.

Some people want to listen for the hell of it. Others may want to
listen as a laugh.

Why do some folks want the frequencies to NORAD? What do they have
to say that's so exciting?

Or, freqs to .... gasp .... city maintenance crews!!!!

Yes, dig those holes. Fill that ditch. Salt/sand the roads.
Weeeee-hoooo.

--
....
Matt Rupert - 2984 Pheasant Run Dr. Apt D - Jackson MI 49202 - hoagy@ais.org
Personal Security / UNIX Enthusiast / Amatuer Radio - KB8SGL
Which is worse: ignorance or apathy? Who knows? Who cares?

6173. Re: McDonald's Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-10 08:34:10 UTC
From: nick@garlic.com
Message-ID: <2vobq2$js4@garlic.com>
Source record: 272018

Mr. Henry Siemer (siemer@umbc.edu) wrote:

: Anyone have the freqs for McDonald's drive-thru window?

Here's a compilation of Drive Thru's for McDonalds:

McDonalds:
31.0000 35.0200 151.7150 151.7750 154.5700
154.6000 169.4450 170.2450 171.3050 171.1050
171.9050 464.0125 464.1125 464.1375 464.1625
464.1875 464.3125 464.3375 464.3875 467.0125
469.1125 469.1375 469.1625 469.1875 469.3125
469.3375 469.3875

-Nick

6174. Re: how am I going to reproduce?

Newsgroup: rec.radio.scanner
Date: 1994-07-10 08:55:28 UTC
From: pianoman@ecst.csuchico.edu
Message-ID: <2vod20$3fl@charnel.ecst.CSUChico.EDU>
Source record: 272019

As long as there is a chance that my kid will turn out even remotely like
you, I think I'll abstain from reproduction.

The world would be a better place if there were fewer people with your
attitude and intolerance.

I agree, however, that the gay/les/bi post should not have been posted here -
it really should have been sent only to gay related groups. But please
address your intolerance to the person who posted it - and if you really
MUST attack, please attack this person's posting practices rather than
ten percent of the global population.

Closets are for clothes. David Fouse
pianoman@ecst.csuchico.edu

6175. Yupiteru's Phone no.

Newsgroup: rec.radio.scanner
Date: 1994-07-10 09:55:08 UTC
From: craig@yonder.equinox.gen.nz
Message-ID: <H.eg.6ftkZ&id4cM@yonder.equinox.gen.nz>
Source record: 271881

Just in case anyone else needs this,
Yupiteru's address is on the back page of the scanners manual,
but the phone number isn't mentioned anywhere.

I got it from directory service here this evening, it's...

Phone: +81 3 37692500
Fax: +81 3 37693560

Craig.
--
:: Craig Shore. Phone +64 3 385-6554 (Christchurch, New Zealand.) ::
:: (CraigS on IRC) ::

6176. Re: Scanners by mail

Newsgroup: rec.radio.scanner
Date: 1994-07-10 14:40:15 UTC
From: steven@sgb.oau.org
Message-ID: <CsqBF4.BE3@sgb.oau.org>
Source record: 271879

John Wierzbicki (jwierzbicki@melpar.esys.com) wrote:

: Does anyone have Grove's phone number handy? They sell scanners
: through the mail, right? Could someone e-mail their number?

: Thanks in advance,

: John L. Wierzbicki
: jwierzbicki@melpar.esys.com

Depends if you want one with cellular coverage built-in.
If you do, buy from Canada or Overseas (Javiation).

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

BOYCOTT THE U.S. DEALERS, IMPORT THEM! LET THE U.S. DEALERS KNOW
WE ARE NOT GOING TO SETTLE FOR ANYTHING LESS THAN CELLULAR CAPABLE!

6177. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS

Newsgroup: rec.radio.scanner
Date: 1994-07-10 15:25:40 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773873212@f747.n115.z1>
Source record: 271914

-=> Quoting Steven Bradley to All <=-

SB> From: steven@sgb.oau.org (Steven Bradley)
SB>
SB> Matthew Rupert (hoagy@umcc.umcc.umich.edu) wrote:
SB> : tim@tbd.oau.org (Tim Dobbins) did contribute said ASCII:
: >In <011307Z04071994@anon.penet.fi> an94645@anon.penet.fi writes:
: >>------------- Begin Forwarded Message -------------
: >>GAY? LESBIAN? BISEXUAL?
: >>Want to correspond with others like yourself in your own city or
nationwide?
: >
: >What does this shit have to do with radio communications? Then the little
: >faggot who posts it has to hide behind an annonymous id. Sure I'd like to
: >correspond with these little faggots, but letter bombs are as illegal as a
: >cellular capable scanner.
SB>
SB> : A little homophobic, Timmy?
SB>
SB> He's NOT the only one... Like I said in the oj simpson fan newsgroup
SB> where someone suggested Goldman was gay -- That was no major loss to
SB> society. But Nicole, that's different.
SB>
SB> There is no place for these immoral unneeded people with personal
SB> problems (where they forgot if they were male or female) especially
SB> THIS newsgroup.
SB>
SB> They do not belong in ANY newsgroup except for those containing the
SB> words gay, lez or bisex.
SB>
SB> Ask someone who is gay how they plan to reproduce. (snicker) I
SB> suspect the answer will be most interesting.
SB>
SB> [unsigned]

Unsigned? If you were trying to be anonymous, it didn't work. <g>

6178. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-10 15:31:05 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773873213@f747.n115.z1>
Source record: 271913

-=> Quoting Darrell A. Larose to All <=-

DAL> From: ad607@FreeNet.Carleton.CA (Darrell A. Larose)
DAL> Reply-To: ad607@FreeNet.Carleton.CA (Darrell A. Larose)
DAL>
DAL> In a previous article, siemer@umbc.edu (Mr. Henry Siemer) says:
>Anyone have the freqs for McDonald's drive-thru window?
>
>Thanks
>
DAL> WHY?
DAL>
DAL> I really don't care if the guy in front of me has ordered 2 Big
DAL> Mac's...

Darrell...don't knock it unless you've tried it. :) It's not the ordering that makes it exciting, it's all of the carrying on behind the scenes. Yes, you can catch the latest sexual exploits of the teenage woman working there. Or, find out if your order was dropped. (Someone relayed a story here about that a couple of months ago.)
The radios they have to communicate with the board also doubles as an intercom system with other employees. This is where the fun is. <g>

Jerry

6179. Re: New AOR AR-8000

Newsgroup: rec.radio.scanner
Date: 1994-07-10 15:31:50 UTC
From: philscott@delphi.com
Message-ID: <xy-wJp+.philscott@delphi.com>
Source record: 272020

Simon, re the AR8000- will look fwd to hearing from you here when you have had chance to play w/ an AR8000. Intd in how the USB reception and stability is compared w/ the 7100 Yupi. Thanks CU here or on Email at pscott@wellfleet.com

6180. RE: PD TRYING TO DISCOURAGE SCANNERS?

Newsgroup: rec.radio.scanner
Date: 1994-07-10 15:37:29 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9407101537.0LYB001@chrysalis.org>
Source record: 271910

police in my area are so sure that no one can monitor their conversations on 800 mhz that they carry on very private, non-professional communications over regular police freqs. you should hear the comments about women they see, very sexist and foul. they shouldnt be so niave to think that folks cant buy scanners that can listen to them. if they can hear it, someone else can too. 73

6181. Re: New Pro-43 can't be moded?

Newsgroup: rec.radio.scanner
Date: 1994-07-10 15:46:16 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773873214@f747.n115.z1>
Source record: 271915

-=> Quoting Steven Bradley to All <=-

SB> Rob Thomas (thomas@venice.sedd.trw.com) wrote:
SB> : In article <773563500@f747.n115.z1> Jerry Smith
SB> <Jerry.Smith@f747.n115.z1.fidonet.org> writes: : > -=> Quoting Allen
SB> Tom to All <=- : >

Jerry Smith to Allen Tom

: > AT> This is the stuff on the label on the back of my Pro43:
: > AT>
: > AT> Model No: 20-300
: > AT> FCC ID: AA020-300A
: > AT> S. No. A003974 <-----------
: >
: > The arrow tells the story. It is not modifiable.
: >
: > Jerry
: >

SB> Rob Thomas (thomas@venice.sedd.trw.com) wrote:

: Actually, I'd say the FCC ID tells the story! The ' A' at the end
is new, : indicating a new improved FCC approval!

: Also note the "number" in the S/N seems to have been reset somewhat.

: Anyway, the arrow does tell a sad story.

SB> We are making more assumptions here, again, aren't we?

It is a safe assumption, isn't it? :)

SB> Before anyone starts passing around stories that the 20-300A units
SB> can not be modified, someone needs to look at the diodes in the
SB> 20-300 model and compare that section to the 20-300A units. Such
SB> as perhaps if the processor/ROM was not changed, the diode was
SB> mapped to another section of the board.

Word on CompuServe Hamnet is that the diode matrix is not the same as the
original 20-300 models.

SB> placed between the two points where one used to be used? I mean they
SB> may have inverted the logic, and require the diode present for
SB> cellular, this means they would have a chip usable internationally as
SB> well as domestically. On the Pro-43, was it add the diode or remove

I have thought of that. I am waiting for someone on CompuServe to make the plunge into the new unit to find out. Bill Cheek, the scanner guru of mods, may be able to come up with something. In the meantime, I guess we're going to have to wait for someone who's got money to buy the latest '43 to make the plunge into reverse engineering.

If you want, you can buy me a non-modifiable '43...I'll be happy to check it out. <bg>

The points you have made are well taken, Stephen.

Jerry

6182. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS

Newsgroup: rec.radio.scanner
Date: 1994-07-10 16:58:33 UTC
From: hayden@vorlon.mankato.msus.edu
Message-ID: <1994Jul10.115833.7543@vax1.mankato.msus.edu>
Source record: 272024

Gee, I thought this was a nice group until the homophobes abd bigots
crawled out of the woordwork.

--
____ Robert A. Hayden <=> hayden@vorlon.mankato.msus.edu
\ /__ -=-=-=-=- <=> -=-=-=-=-
\/ / Finger for Geek Code Info <=> I do not necessarily speak for the
\/ Finger for PGP Public Key <=> City of Mankato or Blue Earth County
-=-=-=-=-=-=-=-
(GEEK CODE 1.0.1) GAT d- -p+(---) c++(++++) l++ u++ e+/* m++(*)@ s-/++
n-(---) h+(*) f+ g+ w++ t++ r++ y+(*)

6183. Re: Press Freqs for SF

Newsgroup: rec.radio.scanner
Date: 1994-07-10 17:45:01 UTC
From: rwilkins@ccnet.com
Message-ID: <2vpc2t$spf@ccnet.ccnet.com>
Source record: 272021
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Sherwin Lee (slee@netcom.com) wrote:
: Does anyone have a list of all the press frequencies for San Francisco
: Bay Area? The main ones I want are the SF ones. Thank You for any
: assistance.

Most of the reporters use CH 800 otherwise known as cellular frequencies.
The frequencies allocated to the press are typically used for the
distribution of the product and other operations business.

173.225 173.275 173.375 452.975 453.000 and 452.9625 452.9875 low power

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

6184. Re: Shuttle Freqs for SF

Newsgroup: rec.radio.scanner
Date: 1994-07-10 17:56:01 UTC
From: rwilkins@ccnet.com
Message-ID: <2vpcnh$t5f@ccnet.ccnet.com>
Source record: 272022
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Sherwin Lee (slee@netcom.com) wrote:
: Does anyone know on what frequencies I can hear the shuttle on? I know
: of only 145.585 or something like that, but I only heard it while I was
: in San Carlos. I was wondering what freqs should I turn to while I am in

try 443.300 from san jose. 224.820 from marin these are amateur radio
retransmissions of the NASA audio feed. You can watch the NASA video on
427.250 with the audio on 431.750 from mt diablo.

Bob

--
Bob Wilkins work bwilkins@cave.org
Berkeley, California home rwilkins@ccnet.com
94701-0710 play n6fri@n6eeg.#nocal.ca.usa.noam

6185. draft version, faq, pagers

Newsgroup: rec.radio.scanner
Date: 1994-07-10 18:44:56 UTC
From: dannyb@panix.com
Message-ID: <2vpfj8$60o@panix.com>
Source record: 272023

suggestions for further inclusions cheerfully accepted...
Pager FAQ

Danny Burstein <dannyb@panix.com>

Version 0.5, 10 July, 1994

This FAQ has been put together to answer some of the
more common questions about pager systems. It is primarily
focused on the US and Canadian arrangements, but other
countries are not forgotten.

Updated info or suggestions for further additions should
be emailed to the above address.

1) What is a pager anyway?

As usually described, a pager is a portable unit, generally
about half the size of an audio cassette box, which can
be signalled to send a one way message to the pager owner.

2) What types of messages?

The earliest units, usually called beepers, simply gave
a tone alert. This was a signal to the wearer to, for
example, call the answering service.

The next step was units which could display numbers. While
the most common use is to send it the phone number you want
the person to call, you can, of course, add code numbers
to mean anything else you'd want.

For example, the number xxx-yyyy-1 might mean
to call the xxx-yyyy number at your leisure. Xxx-yyyy-9
might mean call ASAP.

The most recent units, called alpha-numerics, display
complete written messages. So, for example, the pager could
show the message: "please call home, you have a letter from
the IRS."

There are also -voice- pagers which will let you actually speak
into the phone and have it come out the person's pager. These
are pretty rare.

3) How are messages sent to the pager?

by radio. Well, it's a bit more complicated than that. Let's
take a look at how a pager actually works:

The pager is a small sized radio receiver which constantly
monitors a specific radio frequency dedicated to pager use.
It remains silent until it 'hears' a specific ID string
which tells it to, in effect, turn on, and then listen up for,
and display, the forthcoming message.

(again that could be a numeric or other string)

This ID is called (in the US) a CAPCODE. It has -nothing-
to do with the phone number you call or the ID you give
to the page operator (see below).

So the key point is that the pager company radio transmitter
is constantly sending out pages, and your specific unit will
only activate when it hears its ID/CAPCODE over the air.

4) How do I send out the message?

This depends on your pager vendor. Let's take the most common
examples:

a) Alert tone only (the old style)

You call up a phone number assigned to the pager. You'll hear
some ringing, then a signal tone. At that point you hang up.

Shortly afterwards the pager transmitter will send out the
individual unit's capcode and it will go off.

b) Touch tone entry: You will call a phone number
dedicated to the specific pager. It will ring, then you'll
hear a signal tone. At that point you punch in, using touch tone,
the number you want displayed on the pager.

A few seconds later the transmitter will kick out the
pager's capcode, followed by the numbers you punched in. Then
the pager will give its annoying alert tone, the person will read
it, and call you back.

(note that there is a variation on this in which an entire
group of pagers has the same phone number. You call it up, then
punch in the pager's id number, and continue as above)

c) alpha-numeric: With this one there are various ways
of getting the message to the system.

i) via an operator: The pager company will have you
dial up their operator. When they answer, you give them the
pager id number and the message. They'll type it into the
computer and shortly afterwards the transmitter will send
out the capcode and the message

ii) using -your- computer: Most pager companies with
alphanumeric have a dial-up number you can call yourself.
Some of these will work with regular @comm programs, while
others require proprietary software.

The most common method is to have your computer dial
up the number, then you type in the pager ID, followed
by the message. Again, a moment later, the system will
transmit it over the air, etc. (There are also various
software packages that automate some of this)

iii) special terminals: Because of the popularity of this
type of system, there are various stand-alone terminals
specifically designed for this purpose. The most common one
is the Alphamate (tm Motorola) and it automates
many of the functions. It's basically a half-decent keyboard
with a two line display, and is preprogrammed with the
phone number of the company, etc.

5) My company has given us pagers, and I notice that I have
both an individual ID and a "group" number. When we page
out to the group, everyone's unit goes off. How does this work?

Remember that a pager is basically a radio receiver that is
constantly monitoring for its capcode. You can get pagers which
monitor more than one id. In this case (which is quite common)
your personal capcode might be yyyy, while your boss's might
be yyzz. In addition, both pagers will be listening for the
capcode zzzz.

When zzzz is detected, all the pagers with that capcode will
go off.

6) I keep hearing about sports or news services available
by pager. How do they work?

Keep in mind that pagers work by constantly monitoring
the radio channel for their capcode. So if you have
ten pagers, or a hundred, or a thousand, all with the same
capcode, they will -all- go off at the same time.

This way the sports news company sends out one message
and it gets displayed by all subscribers.

7) So if I find one of these sports-news pagers on the
sidewalk I can use it for free?

Umm, kind of. As long as the company providing the service
keeps using the same group code, your pager -will- continue to
receive the messages. But the individual pager id will
probably be changed immediately so you won't be able
to use it for your personal messages.

Note also that some pagers -do- have the ability to be
turned into a lump of clay over the air. Very few systems
have actually implemented this security feature, but it
is there.

8) I've found a pager on the sidewalk and would like
to use it. What can I do?

Not much. Keep in mind that you need an account with the
paging company for them to send out the radio signal. So
unless you keep paying them, the pager will soon be
a paperweight.

You might as well turn it in for the reward...

9) Can I listen in/monitor pager channels?

Kind of. The frequencies are readily known and the data
is a digital stream going over the air. There are various
vendors of equipment to decode the material and display
it or feed it into your computer. However:

a) The federales and the pager companies don't like
you doing this (see the ECPA)
b) The volume of traffic is quite high. If you figure a 1,200
baud channel in use 75% of the time, well,... you can
work out the math.

Note that the numeric pagers these days do -NOT- use
over-the-air touch tone (dtmf) so a touch tone decoder
will -NOT- give you anything useful.

10) I have a pager for which I'm paying $big/month. I miss a -lot-
of pages since I'm in the subway a lot. What can I do about
this?

There are a couple of things:

a) Some of the pager companies will re-send messages on
request. Basically you call up their phone number, punch
in a security code, then go through a menu which tells them
to resend the last, say, five hours worth of messages.

b) You can get a second pager unit cloned identically to
the first. leave this one at home or in your office. When you
get back you can compare its messages to the one on your belt.

11) What are the prices/services offered?

These vary dramatically by area and company. Unfortunately
there is no central database keeping records on this.

Generally the following factors get counted in determining
what you'll be paying:

a) how sleazy the company is
b) Which type of pager and service you get. Again, the
most common are numeric (cheaper) and alpha-numeric (more expensive).
c) Level of usage. You may get, say, 25 free messages/month
and then pay $0.25 for each additional.
d) whether you own the pager or lease it
e) insurance, etc.
f) Area of coverage. Smaller area=less expensive

12) Speaking of coverage, how do they offer nationwide paging?

Well, it's not quite what they're telling you. It's NOT a single satellite covering the nation. Rather, what's done is:

You call up the paging company. It then signals transmitters in the top 100 cities to send out your capcode. Shortly afterwards you get the message. Note that you are -not- receiving a satellite transmission.

13) What's in the pipeline?

Two key features are slowly filtering down.

a) Much more pager memory/longer messages. Most pagers are severely limited in the amount of material they can hold, with a typical maximum being about 20 messages. Units with much larger memories, or even better, units that are hooked into palmtop or laptop computers, are making it to market.

b) two way communications: In its simplest form this allows the pager to verify reception to the transmitter. Also on the way is complete two-way communication which would basically be wireless email. These systems are still a bit limited, but are rapidly gaining footholds in industry and should soon be consumer level. Take a look, for example, at what the Fedex folk carry.

Hope this help. Again, update suggestions should be sent to

dannyb@panix.com

--

Knowledge may be power, but communications is the key
-dannyb@panix.com (or dburstein@mcimail.com)

6186. Re: Cellular on Non-Cellular channels?

Newsgroup: rec.radio.scanner
Date: 1994-07-10 18:59:21 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.25.000CFD9A@chevron.com>
Source record: 271880

In article <CsJ6I3.KM0@wang.com> dbushong@wang.com (Dave Bushong) writes:

>cgwh@chevron.com (Curtis Wheeler) writes:
>>I program 156.8 into the scanner and I should be able to hear air traffic on
>>135.4. Of course, I also will hear a whoever is using 156.8.

>Of course, your scanner must be able to receive AM on 156.8, which
>would be a little unusual. Aircraft radios from 118-135.975 use AM in
>the US. Most scanners that don't receive aircraft don't have an "AM"
>position and aren't able to detect AM signals.

Actually it would not be unusual at all. Most scanners have very little
limiting, the function that is used to keep AM signals out, if it has any

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
Amateur KD6ELA / GROL PG10-25691 / Private Pilot

6187. Re: Cellular on Non-Cellular channels?

Newsgroup: rec.radio.scanner
Date: 1994-07-10 19:12:02 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.26.000D33C6@chevron.com>
Source record: 271882

In article <CsJ6I3.KM0@wang.com> dbushong@wang.com (Dave Bushong) writes:

>cgwh@chevron.com (Curtis Wheeler) writes:
[snip]
>>I program 156.8 into the scanner and I should be able to hear air traffic on
>>135.4. Of course, I also will hear a whoever is using 156.8.

[in his, reply Dave says]
>Of course, your scanner must be able to receive AM on 156.8, which
>would be a little unusual. Aircraft radios from 118-135.975 use AM in
>the US. Most scanners that don't receive aircraft don't have an "AM"
>position and aren't able to detect AM signals.

Actually it would not be unusual at all. Most "FM" scanners do not have
very much limiting in their receivers. Limiting is the function that reduces
interference from AM signals and noise. An AM signal that doesn't get
limited will be demodulated. Additionally, AM signals have some FM
charcteristics as both generate sidbands (FM more than AM) which make the
bandwith of the signal change in relation to the modulating (audio) frequency,
though not in exactly the same way.

My older PRO33 does quite a good job at picking up aircraft (usually when I
don't want it to). It is not very hard to build a receiver that will receive
FM and AM. The differences between the two could be handled in the audio
portion of the receiver.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
Amateur KD6ELA / GROL PG10-25691 / Private Pilot

6188. Re: Need good book on federal freqs.

Newsgroup: rec.radio.scanner
Date: 1994-07-10 19:12:09 UTC
From: mjr@crl.com
Message-ID: <2vph69$4v0@crl3.crl.com>
Source record: 271875

Master Freq. File is a very good recommendation. Also see THE TOP SECRET REGISTRY OF U.S. GOVERNMENT RADIO FREQUENCIES By Tom Kneitel (K2AES) ISBN 0-939780-20-8 Pub. CRB Research Books Inc. 1993 (8th edition) for $28.00

Have fun...

--
matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70271,255 Internet: mjr@crl.com

6189. Re: PRO 2032 IS IT MODABLE

Newsgroup: rec.radio.scanner
Date: 1994-07-10 19:30:05 UTC
From: edginsf@aol.com
Message-ID: <2vpi7t$eju@search01.news.aol.com>
Source record: 271876

In article <2vedej$8i5@paperboy.gsfc.nasa.gov>, reider@acrux.GSFC.NASA.GOV (Reider. Richard 286-6457) writes:

Is the PRO2032 able to be modified for 800 freqs, if so
is the mod as simple as the 2006 or 43...

Yes, the mod is in the June issue of Monitoring Times. No, it is not a simple diode snip.

Edward

6190. Re: test

Newsgroup: rec.radio.scanner
Date: 1994-07-10 19:55:09 UTC
From: toby15@aol.com
Message-ID: <2vpjmt$ev8@search01.news.aol.com>
Source record: 271877

In response to the 3 earlier notes under subject 'Test":

Test #4
[my first Internet posting - just want to see if it comes out
right]

6191. Re: Cellular Phone Freq above 900 Mhz

Newsgroup: rec.radio.scanner
Date: 1994-07-10 21:02:34 UTC
From: Joe_A._Walker@aardvark.bah.rochester.ny.us
Message-ID: <00062425.fc@aardvark.bah.rochester.ny.us>
Source record: 271903

It has to be an Image, The FCC will not allow cell phones in that range.
** Via the Aardvark Burrow BBS - 1-716-383-1372**

6192. 2, 9, L/O MODS ON PRO 46

Newsgroup: rec.radio.scanner
Date: 1994-07-10 22:01:17 UTC
From: interso@cam.org
Message-ID: <interso-1007941801170001@interso.hip.cam.org>
Source record: 271884

I MADE IT ON MY PRO 46. IT WORK VERY WELL, WITHOUT SURGEON MODS.

THANKS FOR THE SENDER

6193. Re: Motorola 'Secure-Clear' Cordless Phones (repost)

Newsgroup: rec.radio.scanner
Date: 1994-07-10 23:24:29 UTC
From: phoenix@max.tiac.net
Message-ID: <2vpvvd$s8q@sundog.tiac.net>
Source record: 271883
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.privacy,alt.toys.hi-tech,talk.politics.crypto

In article <2vhbuv$i86@news.tv.tek.com> michaeha@soul.tv.tek.com (Mike Harris) writes:
>>spectrum, but you'll still be a lot better off than poor Lee Trevino!
> ^^^^^^^^^^^^
>
>What happend to Lee Trevino? Could someone post a recap of this story?
>I've never heard this one.

He was kidnapped, tortured, and finally decapitated in a bizarre religious ritual by rogue members of the so-called "Church of the Sub-Genius" in 1988. In order to avoid being blamed for the crime, the Church's orthodox hierarchy built an android replica of Trevino and released it back into the Senior Gold circuit. The android's propensity to do untested product endorsements has been considered worrisome to the Church elders, but not enough to warrant the fuss of pulling the android out of circulation for a full debugging job.

This may, of course, be slightly apocraphal.

6194. Re: Second Cell Phone

Newsgroup: rec.radio.scanner
Date: 1994-07-11 00:08:01 UTC
From: dayglo@mindvox.phantom.com
Message-ID: <3JV0oc1w165w@mindvox.phantom.com>
Source record: 271898

domonkos@access.digex.net (Andy Domonkos) writes:

> In article <2v9u03$kq2@panix.com>, David Hansen wrote:
> > Question:
> >
> > Can a second cell phone be programmed to the same number as my first
> > one? In other words I would have another just like an extention phone in th
> > house. I understand that this is done by criminals and they piggyback onto
> > subscribers bill without his knowledge. I want to do basically the same
> > thing, but I would be paying for the second phone's calls.
> >
> Yes it can, but it is illegal due to cellular carrier policies. If you do
^^^^^^^^ Bad use of terminology here

> program a second phone, ie; your wife's car, and both happen to initiate
> or ppick up a call, the cellular carrier's computer will lock out your
> number (at least that's what happens here in Maryland).

It is against carrier policy to do this and with somewhat good reason. Mor
on that later. It is not ILLEGAL. This is probbably the best thing a couple
could do if all that they have their phones for is safety. If you expect to
receive zillions of calls then I recommend paying for a second phone.

The reason why the carriers don't like it is because if one phone is roaming
and they are both on, where does the call get routed? It usually gets dropped.

If the carrier locked out your number I would just act ignorant to technology
and claim that a criminal must have stolen my 'phone address'. They would
have your phone working in a few hours.

6195. Re: Motorola 'Secure-Clear' Cordless Phones (repost)

Newsgroup: rec.radio.scanner
Date: 1994-07-11 00:58:31 UTC
From: piazzola@girtab.usc.edu
Message-ID: <2vq5fn$npc@girtab.usc.edu>
Source record: 271897
Cross-posted to: rec.radio.scanner,alt.radio.scanner,alt.privacy,alt.toys.hi-tech,talk.politics.crypto

>>What happend to Lee Trevino? Could someone post a recap of this story?
>
>He was kidnapped, tortured, and finally decapitated in a bizarre religious
>ritual by rogue members of the so-called "Church of the Sub-Genius" in

I think you mean Arnold Palmer, no?

I love Bob and Bob loves me
we're a happy family
Bob Bob Bob Bob Bob Bob Bob
--"Barney" Dobbs

--
-- Ed Cayce, aka Tino Piazzola
"Science has not occluded magic, it has simply legitimized it"
-- Me
Terminal Fantasies BBS - Windows Power NOW 310-915-6135 14,400 baud

6196. Listing for Nuts&Volts in U.S. & Bay Area

Newsgroup: rec.radio.scanner
Date: 1994-07-11 01:14:04 UTC
From: brasshat@aol.com
Message-ID: <2vq6cs$jk0@search01.news.aol.com>
Source record: 271899

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Call 1-800-783-4624 (Master Card or Visa)
Nuts & Volts Magazine
430 Princeland Court
Corona, Ca. 91719
Note:
Some of the advertisers (about 150) in Nut's & Volts, "Give Away The magazine - Free" at their stores. The mag. is priced at $3.00 but I have never found it on the book shelfs. (The price came from the state of CALIFORNIA always looking for more TAX Money and telling them that it can not be Free it had to have a $$$Price or No more mail order subscriptions.
In the Bay Area:
They can be found at: (and they go very fast)

Alltronics 2300-D Zanker Rd San Jose
Books Ect. 20581 Crawford Drive Sunnyvale
Fred Haney 37416 Joseph St Fremont
HSC (Halted) 3500 Ryder St Santa Clara
Servo Track 535 Salmar Ave Suite D Campbell

From: BrassHat (Via AOL)

6197. Re: NJ freq question....

Newsgroup: rec.radio.scanner
Date: 1994-07-11 01:15:27 UTC
From: zdanowsk@intac.com
Message-ID: <zdanowsk.9.000141FA@intac.com>
Source record: 271907

In article <2vkvi2$aj@ankh.iia.org> stessej@iia.org (Jay) writes:
>From: stessej@iia.org (Jay)
>Subject: NJ freq question....
>Date: 9 Jul 1994 01:46:42 GMT

> Is there a list of all the police Freqs for northern NJ available via
>FTP? I'd prefer a whole list, but if someone would look it up, I
>specifically need the freq for River Vale, NJ. Thanks to anyone who helps.

Get the Scanner Master BIG BOOK for NY AND N JERSEY. 1800-SCAN-701. Best
book around.

6198. Uniden Sportcat Scanner For sale

Newsgroup: rec.radio.scanner
Date: 1994-07-11 02:01:09 UTC
From: blangos@wtcp.DaytonOH.NCR.COM
Message-ID: <3095@wtcp.DaytonOH.NCR.COM>
Source record: 271904

New Sportcat for sale. New condition. $150.00 shipped.

--
Bruce Langos
Workstation Products Division
Bruce.Langos@wtcp.DaytonOH.NCR.COM
...!uunet!ncrcom!ciss!wtcp!blangos

6199. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS

Newsgroup: rec.radio.scanner
Date: 1994-07-11 02:37:34 UTC
From: Steve Kittelsen <sak1@delphi.com>
Message-ID: <BY9QKuG.sak1@delphi.com>
Source record: 271900

I just HAVE to say hello!!!!

```
**************************************************************************
* _/\__/\ Steve Kittelsen __________ *
* / /\ \ Rochester, N.Y. \ / *
* I I I I SAK1@DELPHI.COM \ / *
* \__\/__/ "Open Your Minds" \/ *
**************************************************************************
```

6200. Re: Signal attenuation

Newsgroup: rec.radio.scanner
Date: 1994-07-11 02:42:24 UTC
From: milcom@netcom.com
Message-ID: <milcomCsr8up.3u6@netcom.com>
Source record: 271901

Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) wrote:
: Hi, Ken...I have heard the 15-570 75 ohm attentuator from RS will work.
: You will have to get the appropriate connectors to interface correctly with
: the scanner.

the 15-578 is continuously variable. 15-577 would be useful if fm
broadcasts in 88-108mhz are a problem.

--
POP: Persistant Online Procrastination milcom@netcom.com

6201. PRO-2002/2004

Newsgroup: rec.radio.scanner
Date: 1994-07-11 02:52:04 UTC
From: rmike@FNALO.FNAL.GOV
Message-ID: <2vqc4k$q9s@fnnews.fnal.gov>
Source record: 271902

Ipicked up a Pro2002 and a Pro2004,I was wondering if any one can
tell me how to do a mod on the Pro-2004(cell phone) and if there are
any quick mods for the Pro-2002?
Thanks/73's
Mike/N9SAV
Try NIARC-146.580R/147.660T

6202. Re: Press Freqs for SF

Newsgroup: rec.radio.scanner
Date: 1994-07-11 04:10:01 UTC
From: strech1@aol.com
Message-ID: <2vqgmp$mg6@search01.news.aol.com>
Source record: 271905

San Francisco Bay News Media Frequencies

161.6400 Media
161.6700 KQED TV 9
161.7000 KFRC
161.7300 KHTT, KKSF, KTOM
161.7600 KNBR AM
170.1500 Press
173.2750 SF Examiner
173.3250 Independant Journal
173.3750 SF Chronicle
450.0150 Media
450.0375 Media common repeater KTVU TV2
450.0500 KSBW TV 8
450.0625 Metro traffic news/ Press common
450.0750 KSBW TV 8
450.0875 KCBS 740 News
450.0975 KCBS 740 News
450.1125 KICU TV 36, KTEH TV 54
450.1375 KNEW 910 Traffic
450.1875 KNTV 11 News
450.2125 KGO News
450.2375 KNBR 680 Traffic
450.2750 KGO TV 7 Vehicles
450.2875 KGO TV 7 Engineering
450.3375 KTVU TV 2
450.3625 KTVU TV 2 Engineering
450.4125 KRON TV 4 News
450.4375 KRON TV 4 Engineering
450.4625 KGO TV 7 News
450.4875 KPIX TV 5 News
450.5000 Media
450.5125 KPIX TV 5 Engineering
450.5875 KSFO 560 News
450.6000 KCBA TV 35
450.6125 KCBS 740 Engineering
450.6500 KMPG 1540 AM
450.7000 KNZS
450.7500 KTOM
450.8000 KMBY
450.8500 Santa Clara County emergency news hotline
450.9250 KOFY TV 20
472.0625 KGO
944.5000 KMBY STL

945.5000 KOCN STL
946.0000 KLAU STL
947.0000 KXDC STL
948.5000 KWAV STL
949.5000 KAZU STL
950.5000 KBOQ STL
951.5000 KUSP STL

6203. Grand Rapids, Michigan

Newsgroup: rec.radio.scanner
Date: 1994-07-11 04:13:01 UTC
From: andycl168@aol.com
Message-ID: <2vqgsd$mgr@search01.news.aol.com>
Source record: 271906

I'm looking for anyone in the greater Grand Rapids, MI area with whom to trade frequencies and other info. E-mail responses would be great. I've got a lot of info that I'm willing to give out.
Andy Clark
andycl168@aol.com

6204. Re: ll military freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-11 05:33:47 UTC
From: dra@pipeline.com
Message-ID: <2vqljr$fsf@pipe1.pipeline.com>
Source record: 271908

Jerry.Smith@f747.n115.z1.fidonet.org (Jerry Smith) wrote:

>
> -=> Quoting Michael A. Carpenter to All <=-
>
> MAC> Does anyone have any active freqs for the
>military in N.E. MAC> Illinois? I have several freqs
>but havent heard anything. Also, MAC> when is the best
>time to listen?
> MAC>
>
> Check the files of Radio Hobby Online @ 708-238-1901.
> I believe there are a bunch there in the library.
>
> Jerry

I noted lots of traffic from Glenview NAS tower -
340.2 MHz - especially on weekends when a lot of Reserve
training flights are doing touch-and-gos - during a recent
visit. Also have heard activity on 311.0 while in the
area.
<<DRA>>

6205. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-11 05:33:55 UTC
From: dra@pipeline.com
Message-ID: <2vqlk3$fsk@pipe1.pipeline.com>
Source record: 271909

Jerry.Smith@f747.n115.z1.fidonet.org (Jerry Smith) wrote:

>
> -=> Quoting Media 2K to All <=-
>
> M2> Does anyone know if such a scanner exists that has
>an alpha-numeric M2> display that allows one to enter
>text to be displayed along with M2> the frequency?
>
> Hi, Rudy...
> The Uniden Bearcat 8500 (soon to be discontinued) has
>alpha-numeric capability. It is only available in the
>first 250 of the 500 channel base unit. This unit was
>plagued with problems and has not been recommended by
>anyone that I know of. No word on a replacement for
>this unit as of yet from Uniden.
>
> Jerry

Believe it or not, they use one at the WABC-TV Assignment Desk.
I've seen/heard it in action there and it actually seems to do
a great job. However, a freelance photog friend
has one in his car, along with a slew of other scanners, and
says he can't even turn it on until he's well away from
the City -- too easily overloaded by intermod. Last I saw,
Scanner World (518-436-9606) still had them in stock.
<<DRA>>

6206. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-11 06:05:18 UTC
From: davidm@iglou.com
Message-ID: <U4E8kK7gX1$I068yn@iglou.com>
Source record: 271911

In article <2vjhlp$65n@pendragon.jsc.nasa.gov>,
john@aio.jsc.nasa.gov (John C. Bielick) wrote:

> In article 001232F7@chevron.com, cgwh@chevron.com (Curtis Wheeler) writes:

> > What is the big attraction on the cellular channels?

[Quite a bit chopped out to save bandwidth]

> > Curtis:
> I agree with you 100%!

I must admit, that I agree with both of you also. I would **MUCH** rather listen to my local police and fire departments and hear things that can affect my neighborhood and community, instead of listening to who is doing who behind who else's back. My first reaction when a friend tells me what they heard on cellular phone is usually along the lines of "get a life, man!"

HOWEVER (and you all should have known a "however" was coming), whether or not I actively listen to it, I do think that so long as the cellular companies use the PUBLIC radio spectrum (and its *ALL* public) I firmly believe in the right of the people to monitor those frequencies if they so choose. If they want privacy, then don't broadcast it! If the cellular companies don't want me to have the capability of listening to their stuff, then they need to quit broadcasting it onto my property! Same with satellite TV companies, and any other service that uses the public airwaves.

Enough said, and I'll take my asbestos underwear in a size XL please...

David
davidm@iglou.com

(And just a gentle reminder, I'll still email the ECPA to anyone who needs it and can't find it elsewhere...one of these days I may even get around to posting it to an ftp site if it isn't already available somewhere...)

6207. Communications Act of 1934

Newsgroup: rec.radio.scanner
Date: 1994-07-11 07:29:55 UTC
From: davidm@iglou.iglou.com
Message-ID: <1994Jul11.072955.24514@iglou.com>
Source record: 271912
Cross-posted to: rec.radio.scanner,alt.radio.scanner

After an extensive session with Madam Veronica and the wonderful world of Gopherspace, I can't seem to locate an on-line version of the Communications Act of 1934, even by using every key word I could think of.

Anybody got a copy they can email me, or can anyone tell me where to find it?

David
davidm@iglou.com

6208. Re: New AOR AR-8000

Newsgroup: rec.radio.scanner
Date: 1994-07-11 08:19:01 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.370.0008516A@ccm.hf.intel.com>
Source record: 271922

In article <47@sapphire.win-uk.net> scollin@sapphire.win-uk.net (Simon Collings) writes:
>Although I am working on a job for AOR, I am NOT on their payroll
>and can take an unbiased look at the radio. I will post a review
>just as soon as I have had a chance to play. Is there anything
>anyone wants to know in particular? I have the chance find out if
>there is.

I am particularly interested in the RF performance. The features look great,
but then so do Uniden scanners!

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6209. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS - Let's END this shit!!!

Newsgroup: rec.radio.scanner
Date: 1994-07-11 11:09:22 UTC
From: mc@northshore.ecosoft.com
Message-ID: <2vr992$9d7@northshore.ecosoft.com>
Source record: 271916

Look, I'm sure we all agree that this is NOT the appropriate newsgroup
for this material. So, LET IT DROP or take it to alt.flame.??????????
I read this group for scanner information and nothing else. I'm sick of
it and I'll bet that 99% of the other subscribers are too.

6210. What is the FCC Radio Service Code "IV"??

Newsgroup: rec.radio.scanner
Date: 1994-07-11 13:03:02 UTC
From: lee@tosspot.sv.com
Message-ID: <RFVaPc1w165w@tosspot.sv.com>
Source record: 271917

Found "IV" showing up as data in the RSC field - seems to be something to do with video.

Anyone know what the FCC describes this service code as??

Lee

6211. Comments solicited on the Bearcat 220XLT and 120XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-11 13:30:58 UTC
From: lee@tosspot.sv.com
Message-ID: <BqwaPc2w165w@tosspot.sv.com>
Source record: 271918

Hi, all.

I notice my friendly neighborhood Damark catalog is pushing the BC220XLT and BC120XLT. Prices are $250 and $170 respectively.

Anyone have comments on price and features/value for money of these things? I presume that they cover cellular as well? (Given that you get old stock rather than new?) Are they still current offerings from Bearcat?

Any comments would be appreciated, please email me directly as well as posting to the net.

Thanks,
Lee <lee@tosspot.sv.com>

6212. Re: Need AOR-3000 Software/Info

Newsgroup: rec.radio.scanner
Date: 1994-07-11 13:32:21 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.371.000D8A6A@ccm.hf.intel.com>
Source record: 271935

In article <2vgtmc$nfi@cronkite.ocis.temple.edu> gzinzell@astro.ocis.temple.edu (Gary Zinzell) writes:

>I'm looking for some additional info on controlling an AOR-3000A via the
>serial port. The stuff in the manual seems incomplete. Anybody have some
>software they would be willing to share or a list of commands the scanner
>will accept. Thanks for the help.

Find your way onto the Compuserve libraries. In the Hamnet section there are some control programs. I think the command format is defined in the owners manual.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6213. Re: Nuts & Volts mag

Newsgroup: rec.radio.scanner
Date: 1994-07-11 13:55:55 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.372.000DEF08@ccm.hf.intel.com>
Source record: 271934
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

In article <atomCsn1zx.HKF@netcom.com> atom@netcom.com (Allen Tom) writes:

>I keep on seeing references to a magazine called Nuts and Volts, but
>I havent' been able to find it. Can someone tell me where to
>find a copy in the San Francisco/East Bay area?

There is a surplus electronics store in Sunnyvale called Halted that gives it
out free. I think it is located on Ryder, just off Central Expwy.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6214. followup to "USAir and Scanners"

Newsgroup: rec.radio.scanner
Date: 1994-07-11 14:47:55 UTC
From: scsavett@acad.ursinus.edu
Message-ID: <00981432.D27DCD80.27275@acad.ursinus.edu>
Source record: 271919

This is a followup to a question I posed about a month ago about scnners and airlines. I found this on sci.electronics. It seemed to capture the essence of most of the responses I recieved, although this specific message addressed the problems of a laptop computer on an airplane.

****begin forwarded message****
>Sorry, you are misinformed - A radio tunes to a particular station by
>broadcasting on a frequency just below the station you want to listen
>to. On AM, the radio transmits 455KHz below and on FM, the radio
>broadcasts 10.7MHz below the station you are tuning.

>For example, if you are listening to 101.7 on your FM dial, your radio is
>actually transmitting a difference signal of 101.7 - 10.7 = 91.7MHz

>This difference approach allows radios to be built less expensively.

Actually, this difference approach is what gives radios their high degree of selectivity (the ability to detect stations that are close together. It cost more to build a radio in this manner.

(Bunch of stuff deleted)

What really happens is this. You have a device called a local oscillator (LO) that is 10.7 MHz (for FM) below the station frequency. The incomming frequency is amplified and combined with the local oscillator frequency in a device called a mixer. This mixer produces a difference frequency of 10.7 MHz (this is called IF, or Intermediate Frequency), which is sent to a chain of narrowband IF amplifiers and finally the FM detector. This scheme is called a superhetrodyne receiver, and is found in all medium and high quality receivers.

The mixer is an interesting beast. By and large, it does a pretty good job. Unfortunately, it is not 100% efficient, and you tend to get some frequency leakages. One thing that you do get is the second harmonic of the IF frequency, which tends to mix back into the local oscillator and produce frequencies of 10.7 MHz ABOVE the station frequency you are listening too. The filters in the radio cause this to be ignored, and do not disturb the radio reception. These frequencies are radiated, however, and can be picked up by a receiver tuned to these frequencies. AM radios work the same way, except that the LO is tuned to 455 KHz below the carrier frequency.

On an airplane, what receivers are tuned to these frequencies?

Well, the ILS localizer (the radio instrument landing system) uses frequencies of 108-112 MHz. The VHF Omnirange(also known as the VOR) navigation system (a crucial air navigation system) operates on frequencies of 108-118 MHz. Standard ground-air radio operaties on frequencies between 118-132 MHz.

As you can see, an FM radio operating in an aircraft will radiate frequencies right over the aircraft's radio navigation frequencies. For example, an FM radio tuned to a station who's frequency is 101.7MHz, will transmit a harmonic of the IF frequency at 112.4 MHz, which can screw up the VOR reception or, if the plane is landing, the ILS. The latter will cause the instruments to think the plane is lined up with the runway when it is not. The former, will through the plane off course. Neither of which is healthy to do in an aircraft.

Laptop computers, because their frequencies are digital (square waves), are rich in harmonics. There are several different oscillators in the computers these days (the main cpu clock, the display scanning frequency, the timer frequency, etc.), and these frequencies (and their harmonics) can mix, and these resultant frequencies can extend well into the radio navitation bands (described above) at enough power to affect the aircraft's radio navigation instruments.

I hope this clears up this issue, and we can get back to discussing winsock stuff. I am crossposting this to sci.electronics, since they also might have an interest in this as well.

Rgds Remember, half a wit is
Steve Jacobson better than none. :-)
sjacobs@maroon.tc.umn.edu

****end forwarded message****

_____
-----Scott C. Savett-----\ _____\
SCSAVETT@acad.ursinus.edu -OR- SCSAVETT@URSINUS.BITNET---\ _____
NREMT, Pennsylvania EMT-M & instructor, AHA BCLS instructor_____ \
Student Emergency Response Volunteers at Ursinus College---- _____\ \
Chemistry/PreMed major Ursinus College, '94----------_____\

6215. Freqs for South Orange County CA

Newsgroup: rec.radio.scanner
Date: 1994-07-11 15:16:00 UTC
From: lware@voxel.com
Message-ID: <Css7qo.Ex@voxel.com>
Source record: 271921
Body handling: 1 inline base64-encoded payload block was not displayed

Doest anyone have an electronically compiled list of freqs for South
Orange County?

Specifically:

OC Sherriff
Police Departments
Fire
Water Districts
or Public Service Entities.

^^^^^^^^^^^^^^^^^^^^^^

Lance Ware
IS Manager & VOXEL Guru
VOXEL

Version: 2.3

[Inline base64-encoded payload not displayed]

=yaDn

6216. Re: Wanted

Newsgroup: rec.radio.scanner
Date: 1994-07-11 15:58:00 UTC
From: alan.wilensky@channel1.com
Message-ID: <40.5064.2433@channel1.com>
Source record: 271920

```
b>I'm told the FBI has a few. ;-)

Very hard to find used.

Alan Wilensky, General Manager
```

Interactive Workplace Division
Vicom, LTD.
Phone: Edmonton Office
11603 165 St.
abm@world.std.com

 CmpQwk #UNREG UNREGISTERED EVALUATION COPY

6217. Re: McDonald's Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-11 16:25:55 UTC
From: hughem@netcom.com
Message-ID: <hughemCssAz7.967@netcom.com>
Source record: 271923

nick@garlic.com wrote:
: Mr. Henry Siemer (siemer@umbc.edu) wrote:

: : Anyone have the freqs for McDonald's drive-thru window?

: Here's a compilation of Drive Thru's for McDonalds:

OK... I just gotta ask! What is the attraction of listening to Some minimum wage dufus saying "...2 macs, medium coke, chocolate shake, fries..."? Am I missing something? Have McDonalds employees developed some incredibly intertaining banter? Or is this just idle curiosity?

thanks

6218. What Frequencies are Chicago-area METRA trains?

Newsgroup: rec.radio.scanner
Date: 1994-07-11 16:58:13 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <CssCH5.4rr@cbnewsc.cb.att.com>
Source record: 271924

What frequencies do the Burlington Northern and Chicago and Northwestern
METRA commuter trains use?

6219. Re: Signal attenuation

Newsgroup: rec.radio.scanner
Date: 1994-07-11 17:06:53 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.373.00111DE9@ccm.hf.intel.com>
Source record: 271936

In article <2vhocj$4jq@sixgun.East.Sun.COM> kdavis@deadeye.East.Sun.COM (Ken Davis-SunService-Atlanta-CS Acct Mgr) writes:

>---
>I'm looking for a way to reduce the signal strength coming into my 2026
>RS scanner. I've looked in Grove and other magazines but I can't seem
>to find a variable signal attenuator.

>Has anyone ever made one of these? Any help would be appreciated.

The cheapest way is to get a TV signal attenuator from Radio Shack. You will have to get some adaptors.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6220. Looking for PRO-2032 Mods

Newsgroup: rec.radio.scanner
Date: 1994-07-11 17:35:01 UTC
From: kurdzo@gdc.com
Message-ID: <1994Jul11.173501.14809@gdc.com>
Source record: 271931

I know this came up recently, but I missed it. Please tell me where I can find mods for the PRO-2032.

Thanks in advance,

--

Jim Kurdzo AA1GZ
General DataComm
Middlebury, CT 06762-1299
(203) 758-1811 x6443
kurdzo@gdc.com

6221. Re: TV frequencies..

Newsgroup: rec.radio.scanner
Date: 1994-07-11 18:12:33 UTC
From: tweek@netcom.com
Message-ID: <tweekCssFwy.Guu@netcom.com>
Source record: 271925
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <2v27ic$fl8@samba.oit.unc.edu> posted to the Usenet Newsgroup(s)
rec.radio.scanner,alt.radio.scanner
Jon.Spewak@launchpad.unc.edu (Jon Spewak) writes:
>
>I'm curious to know where I could find television station frequencies on
>the scanner. Does anyone know?
>
>I assume that since TVs can pick up stations from an antenna, you could
>pick up the audio the same way.

For best results, select Wide Band FM if your scanner has such a
setting. The following list is a very complete listing I happened
to save when it was posted a year or so ago... Since the only
responses I have seen to your question only include the audio
frequencies, and only partial spectrum, I repost the following:

==========Reposted Usenet Posting==========NOT MINE!

From: system@garlic.sbs.com (Tony Pelliccio)
Newsgroups: rec.video.cable-tv
Subject: Re: Channel Freq's
Message-ID: <930727.124305.7g6.rusnews.w165w@garlic.sbs.com>
Date: Tue, 27 Jul 1993 12:43:05 EST

For the benefit of all....

Center Video Color Sound Osc.
Channel Band Freq. Carrier Carrier Carrier Freq.
MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM
VHF-Low Band
TVIF 40-46 43 41.25 44.83 47.75
2 54-60 57 55.25 58.83 59.75 101
3 60-66 63 61.25 64.83 65.75 107
4 66-72 69 67.25 70.83 71.75 113
5 76-82 79 77.25 80.83 81.75 123
6 82-88 85 83.25 86.83 87.75 129
DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD
FM (Pseudo)
FM-1 88-94 91 89.25 92.83 93.75
FM-2 94-100 97 95.25 98.83 99.75
FM-3 100-106 103 101.25 104.83 105.75
DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD
VHF-Mid Band (CATV)
A2-(00) 108-114 111 109.25 112.83 113.75 155
A1-(01) 114-120 117 115.25 118.83 119.75 161

A-(14) 120-126 123 121.25 124.83 125.75 167
B-(15) 126-132 129 127.25 130.83 131.75 173
C-(16) 132-138 135 133.25 136.83 137.75 179
D-(17) 138-144 141 139.25 142.83 143.75 185
E-(18) 144-150 147 145.25 148.83 149.75 191
F-(19) 150-156 153 151.25 154.83 155.75 197
G-(20) 156-162 159 157.25 160.83 161.75 203
H-(21) 162-168 165 163.25 166.83 167.75 209
I-(22) 168-174 171 169.25 172.83 173.75 215
DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD
VHF-High Band
7 174-180 177 175.25 178.83 179.75 221
8 180-186 183 181.25 184.83 185.75 227
9 186-192 189 187.25 190.83 191.75 233
10 192-198 195 193.25 196.83 197.75 239
11 198-204 201 199.25 202.83 203.75 245
12 204-210 207 205.25 208.83 209.75 251
13 210-216 213 211.25 214.83 215.75 257
DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD
VHF-Super Band (CATV)
J-(23) 216-222 219 217.25 220.83 221.75 263
K-(24) 222-228 225 223.25 226.83 227.75 269
L-(25) 228-234 231 229.25 232.83 233.75 275
M-(26) 234-240 237 235.25 238.83 239.75 281
N-(27) 240-246 243 241.25 244.83 245.75 287
O-(28) 246-252 249 247.25 250.83 251.75 293
P-(29) 252-258 255 253.25 256.83 257.75 299
Q-(30) 258-264 261 259.25 262.83 263.75 305
R-(31) 264-270 267 265.25 268.83 269.75 311
S-(32) 270-276 273 271.25 274.83 275.75 317
T-(33) 276-282 279 277.25 280.83 281.75 323
U-(34) 282-288 285 283.25 286.83 287.75 329
V-(35) 288-294 291 289.25 292.83 293.75 335
W-(36) 294-300 297 295.25 298.83 299.75 341
DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD
VHF-Hyper Band (CATV)
AA-(37) 300-306 303 301.25 304.83 305.75 347
BB-(38) 306-312 309 307.25 310.83 311.75 353
CC-(39) 312-318 315 313.25 316.83 317.75 359
DD-(40) 318-324 321 319.25 322.83 323.75 365
EE-(41) 324-330 327 325.25 328.83 329.75 371
FF-(42) 330-336 333 331.25 334.83 335.75 377
GG-(43) 336-342 339 337.25 340.83 341.75 383
HH-(44) 342-348 345 343.25 346.83 347.75 389
II-(45) 348-354 351 349.25 352.83 353.75 395
JJ-(46) 354-360 357 355.25 358.83 359.75 401
KK-(47) 360-366 363 361.25 364.83 365.75 407
LL-(48) 366-372 369 367.25 370.83 371.75 413
MM-(49) 372-378 375 373.25 376.83 377.75 419
NN-(50) 378-384 381 379.25 382.83 383.75 425

OO-(51) 384-390 387 385.25 388.83 389.75 431
PP-(52) 390-396 393 391.25 394.83 395.75 437
QQ-(53) 396-402 399 397.25 400.83 401.75 443
RR-(54) 402-408 405 403.25 406.83 407.75 449
DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD
UHF Band
14 470-476 473 471.25 474.83 475.75 517
15 476-482 479 477.25 480.83 481.75 523
16 482-488 485 483.25 486.83 487.75 529
17 488-494 491 489.25 492.83 493.75 535
18 494-500 497 495.25 498.83 499.75 541
19 500-506 503 501.25 504.83 505.75 547
20 506-512 509 507.25 510.83 511.75 553
21 512-518 515 513.25 516.83 517.75 559
22 518-524 521 519.25 522.83 523.75 565
23 524-530 527 525.25 528.83 529.75 571
24 530-536 533 531.25 534.83 535.75 577
25 536-542 539 537.25 540.83 541.75 583
26 542-548 545 543.25 546.83 547.75 589
27 548-554 551 549.25 552.83 553.75 595
28 554-560 557 555.25 558.83 559.75 601
29 560-566 563 561.25 564.83 565.75 607
30 566-572 569 567.25 570.83 571.75 613
31 572-578 575 573.25 576.83 577.75 619
32 578-584 581 579.25 582.83 583.75 625
33 584-590 587 585.25 588.83 589.75 631
34 590-596 593 591.25 594.83 595.75 637
35 596-602 599 597.25 600.83 601.75 643
36 602-608 605 603.25 606.83 607.75 649
37 608-614 611 609.25 612.83 613.75 655
38 614-620 617 615.25 618.83 619.75 661
39 620-626 623 621.25 624.83 625.75 667
40 626-632 629 627.25 630.83 631.75 673
41 632-638 635 633.25 636.83 637.75 679
42 638-644 641 639.25 642.83 643.75 685
43 644-650 647 645.25 648.83 649.75 691
44 650-656 653 651.25 654.83 655.75 697
45 656-662 659 657.25 660.83 661.75 703
46 662-668 665 663.25 666.83 667.75 709
47 668-674 671 669.25 672.83 673.75 715
48 674-680 677 675.25 678.83 679.75 721
49 680-686 683 681.25 684.83 685.75 727
50 686-692 689 687.25 690.83 691.75 733
51 692-698 695 693.25 696.83 697.75 739
52 698-704 701 699.25 702.83 703.75 745
53 704-710 707 705.25 708.83 709.75 751
54 710-716 713 711.25 714.83 715.75 757
55 716-722 719 717.25 720.83 721.75 763
56 722-728 725 723.25 726.83 727.75 769
57 728-734 731 729.25 732.83 733.75 775

58 734-740 737 735.25 738.83 739.75 781
59 740-746 743 741.25 744.83 745.75 787
60 746-752 749 747.25 750.83 751.75 793
61 752-758 755 753.25 756.83 757.75 799
62 758-764 761 759.25 762.83 763.75 805
63 764-770 767 765.25 768.83 769.75 811
64 770-776 773 771.25 774.83 775.75 817
65 776-782 779 777.25 780.83 781.75 823
66 782-788 785 783.25 786.83 787.75 829
67 788-794 791 789.25 792.83 793.75 835
68 794-800 797 795.25 798.83 799.75 841
69 800-806 803 801.25 804.83 805.75 847
70 806-812 809 807.25 810.83 811.75 853
71 812-818 815 813.25 816.83 817.75 859
72 818-824 821 819.25 822.83 823.75 865
73 824-830 827 825.25 828.83 829.75 871
74 830-836 833 831.25 834.83 835.75 877
75 836-842 839 837.25 840.83 841.75 883
76 842-848 845 843.25 846.83 847.75 889
77 848-854 851 849.25 852.83 853.75 895
78 854-860 857 855.25 858.83 859.75 901
79 860-866 863 861.25 864.83 865.75 907
80 866-872 869 867.25 870.83 871.75 913
81 872-878 875 873.25 876.83 877.75 919
82 878-884 881 879.25 882.83 883.75 925
83 884-890 887 885.25 888.83 889.75 931

---
o o Tony Pelliccio, KD1NR, Control Op 441.750+, ARRL VE
\ / system @ garlic.sbs.com Soon W5YI VE
__/
_______(oo) Cow humor. Sort of like the Far Side.
/| ___ \/
/ | {MTV}|| MoooTV - Rockin' Bumpin' and Funkin' into the 90's
* ||{___}||
||-----|| (And people thought my last .sig was long, ha!)
^^ ^^ --

==========END OF REPOSTED FILE==========

tweek@netcom.com tweek@tweekco.ness.com WWIVNet 1@511 DoD #MCMLX
I'd rather get my cable service from the phone company,
than my phone service from the cable company.

6222. Re: Going Rate For Used Pro-2006

Newsgroup: rec.radio.scanner
Date: 1994-07-11 18:14:11 UTC
From: steven@sgb.oau.org
Message-ID: <CssFzo.GBI@sgb.oau.org>
Source record: 271930

Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) wrote:
: SB> Seriously, I know I can buy one at Radio Shack right now for $399,
: SB> as I just spoke to them on the phone. No shortage, not discontinued.
: SB> The change is one of the easiest available. From mail order, I think
: SB> that drops down to $350, maybe $340. If its in mint condition, I
: SB> would suggest $325 to $340. Not a penny over $375. Now add the
: SB> Opto-456 to it and it could become twice the value...

: Steven...
: From several RS people that hang out in CompuServe and Fido Scanradio,
: this unit is being discontinued. On the horizon is a replacement that will
: have 1000 channels, 100 / bank. Judging by the response of this unit, the
: '2006 could be an excellent unit in holding it's value.
: The new unit will also be cheaper in construction and have no cellular
: modifiable capability. That's the word.

I will not be buying any more new scanners from U.S. Dealers until
the cellular ban is repealed. I should be able to get one of the
new 1000 channel units from Tandy U.K. and purchase a 13.8v DC
AC adapter for it. I will be purchasing it "officially" for purpose
of possession, (as someone put it), to store, to carry, to possess,
not for USE in the U.S. This is legal and is why you can import them.

The law made the mistake of saying "manufacture or import for use..."
instead of "possession of" which is the reason the U.S. dealers will
pay the price of this stupidity. If they had tried for possession,
it would have gone no-where.

They saw no cause of concern at the time, maybe when their profits
dip - they will! Also I suspect they were looking at the world
market and not just U.S. -- meaning they know those of us who want
cellular will simply order a unit from a country which carries the
cellular models.

Hence, the basis for showing no problem getting cellular equipment.

Now about the discontinued. So far, the online system Radio Shack
stores use show it as an active item -- not discontinued.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6223. New model BC-855 XLT Mods?

Newsgroup: rec.radio.scanner
Date: 1994-07-11 19:19:33 UTC
From: jwilkers@news.delphi.com
Message-ID: <2vs605$7o5@news.delphi.com>
Source record: 271926

Ii understand that Uniden has redesigned the BC855XLT with a "booby trap" in the CPU to circumvent the 800 mhz mod as per the new law. I also understand the mods are more or less the same IF you circumvent the "trap" in the CPU.

Does anyone know this procedure? There are some that need to know how to do this, and those that do so far have been closed-mouthed.

Anyone?

X

6224. Re: getting a frequency list

Newsgroup: rec.radio.scanner
Date: 1994-07-11 20:42:27 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2vsarj$rp2@thecourier.cims.nyu.edu>
Source record: 271940

In article <773865205@f747.n115.z1>, Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
writes:
|> -=> Quoting Kerby Hill to All <=-
|>
|> KH> where can I get a listing of frequencies for the entire state of
|> KH> Maryland?
|>
|> Go to Radio Shack and pick up a book called Police Call and Beyond Police
|> Call. That should get you started.

For that matter, you can pick up a Police Call from anywhere
in New Jersey, Pennsylvania, and Delaware since those states
are included with Maryland. Of course, I find Monitor America
to be MUCH better. You just have to know where to look for
stuff.. christ, half of Maryland is stuck with the Wash D.C. area.

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

6225. Re: NJ freq question....

Newsgroup: rec.radio.scanner
Date: 1994-07-11 20:45:38 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <2vsb1i$rp2@thecourier.cims.nyu.edu>
Source record: 271942

In article <zdanowsk.9.000141FA@intac.com>, zdanowsk@intac.com (william zdanowski) writes:
|> In article <2vkvi2$aj@ankh.iia.org> stessej@iia.org (Jay) writes:
|> >From: stessej@iia.org (Jay)
|> >Subject: NJ freq question....
|> >Date: 9 Jul 1994 01:46:42 GMT
|>
|> > Is there a list of all the police Freqs for northern NJ available via
|> >FTP? I'd prefer a whole list, but if someone would look it up, I
|> >specifically need the freq for River Vale, NJ. Thanks to anyone who helps.
|>
|> Get the Scanner Master BIG BOOK for NY AND N JERSEY. 1800-SCAN-701. Best
|> book around.

North Jersey precisely. Some areas of New Jersey, namely
Hunterdon County, are completely skipped by SMB (which
would be covered by four freqs and a table!) and you would
need Police Call to get anything in the area.
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

6226. Re: PRO-2002/2004

Newsgroup: rec.radio.scanner
Date: 1994-07-11 21:00:54 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <773978031@f747.n115.z1>
Source record: 271955

-=> Quoting rmike@FNALO.FNAL.GOV to All <=-

rm> Ipicked up a Pro2002 and a Pro2004,I was wondering if any one can
rm> tell me how to do a mod on the Pro-2004(cell phone) and if there are
rm> any quick mods for the Pro-2002?

Hi, Mike...
Coming to you from the 'burbs of Chicago. (Wheaton area)

No mods on the '2002 that I'm aware of.

Here is what I received for the 2004. It is not one I typed up, but it
is accurate.

** Disclaimer...Modification of receiver will void the warranty of your
unit. All modifications are done at your own risk.

** Monitoring of certain portions of the 800 Mhz band is prohibited by
United States law.

Take the radio out of the case by removing the 4 screws on the back. Carefully
invert the radio.

Locate a box-like sub-circuit. It's near the switch marked "restart". The
sub-circuit should be marked PC-3. Carefully pry off the cover of the metal
box. Inside there will be a 64 pin dip IC. This is the radio CPU. Be careful
not to touch or short out any leads on the chip.

The following diodes will determine how your scanner will work.

D-510 in circuit - scanner will have 400 memories (10 x 40)
removed - scanner will have 300 memories (10 x 30)

D-512 in circuit - it will step 30kHz from 825-844.995 and 870-889.995
removed - it will step 12.5kHz from 825-844.995 and 870-889.995

D-513 in circuit - will not scan 825-844.995 MHz or 870-889.995 MHz
removed - will scan all of 800 MHz band

D-514 in circuit - scanning rate increases to 20 channels per second
removed - scanning rate in 16 ch/sec (alt 8 ch/sec)

!!!! WATCH POLARITY !!!! If you cannot find a location, count backwards from a
known location.

Now, locate a sub-circuit box under the sloping front panel. It should have
many alignment holes in the top. Pry the cover off very carefully. Locate IC-2
in the left side of the pc board. It should be marked IC-10420. Locate R-148,
a 47 K ohm resistor between pins 12 and 13. Cut a lead of this resistor, But

be sure to leave enough lead on both sides of the cut to solder to. Patch in a 100K ohm resistor. Make sure there are no solder balls or short circuits. Now your squelch will operate more smoothly.

--
-> Mark A. Holtz <-> AppleLink PE: Mark Holtz <-

Mods also from various issues from Popular Communications.

Jerry

6227. Re: Nuts & Volts mag

Newsgroup: rec.radio.scanner
Date: 1994-07-11 21:05:46 UTC
From: glr@ripco.com
Message-ID: <Cssnxn.E7p@rci.ripco.com>
Source record: 271927
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

Allen Tom (atom@netcom.com) wrote:
: I keep on seeing references to a magazine called Nuts and Volts, but
: I havent' been able to find it. Can someone tell me where to
: find a copy in the San Francisco/East Bay area?
Nuts & Volts, 430 Princeland Ct, Corona, CA 91719
(909) 371-8497
1-800 783-4624
(from the Dec 1993 issue)

Glen L. Roberts, Publisher, Directory of Elect Surv Equip Suppliers
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
Box 734, Antioch, Illinois 60002 Fax: (708) 838-0316
Voice/FAX on demand: (708) 356-9646

6228. rs pro2032 mod needed

Newsgroup: rec.radio.scanner
Date: 1994-07-11 22:07:36 UTC
From: gdb@netcom.com
Message-ID: <gdbCssqsp.IFy@netcom.com>
Source record: 271932

I need mods for the RS2032. Any help would be greatly appreciated.

E-mail or Post
Thank You,
gdb @netcom.com

6229. Best Mobile Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-07-11 22:27:27 UTC
From: magnet@nRCHs022
Message-ID: <2vsh0f$piv@corpgate.rich.nt.com>
Source record: 271928

Ok guys, whats the BEST make of radio for mobile scanner?

Must be:
1) Easy to operate one handed.
2) Continuous coverage.
3) Bank oriented.
4) Portable (of course).
5) Loud enough to hear over road noise.
6) Lighted display AND buttons!
7) HUD (heads up display would be nice) ;-)

Some brands and makes I use are: Icom R1, Icom R100 and RS 2026.
--
brad.glidewell@nt.com

6230. PRO 2022 MORE CHANNELS MOD ?

Newsgroup: rec.radio.scanner
Date: 1994-07-11 22:30:42 UTC
From: ligosa@pipeline.com
Message-ID: <2vsh6i$o87@pipe1.pipeline.com>
Source record: 271929

Can anyone please post any and all info. they have
on a mod for the PRO 2022 in referrence to adding more
channels.
I heard it was possible to modify it for up to 6400 channels ?
Thanks..
Chris Barbosa
Email to ligosa@pipeline.com

6231. draft version, faq, pagers

Newsgroup: rec.radio.scanner
Date: 1994-07-11 23:08:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <774030640.AA09037@rochgte.fidonet.org>
Source record: 271958

> From: dannyb@panix.com (danny burstein)
> Organization: mostly unorganized

> suggestions for further inclusions cheerfully accepted...
> Pager FAQ

> The earliest units, usually called beepers, simply gave
> a tone alert. This was a signal to the wearer to, for
> example, call the answering service.

> The next step was units which could display numbers. While
> the most common use is to send it the phone number you want
> the person to call, you can, of course, add code numbers
> to mean anything else you'd want.

> There are also -voice- pagers which will let you actually speak
> into the phone and have it come out the person's pager. These
> are pretty rare.

As presented, this information is inaccurate. The next step after the one-way non-voice "beeper" was the voice pager. They are NOT rare at all, although they are decreasing in popularity as commercial or business paging units. They are still overwhelmingly popular in public safety use.

> The pager is a small sized radio receiver which constantly
> monitors a specific radio frequency dedicated to pager use.
> It remains silent until it 'hears' a specific ID string
> which tells it to, in effect, turn on, and then listen up for,
> and display, the forthcoming message.

This is just a bit incomplete. I don't know how involved you want to get. Recent pagers do not monitor constantly because it drains the batteries too fast. Instead, they "strobe" on and off looking for a preamble tone that (if correct) causes them to stay on long enough to catch the following specific tone or code combination. If the tone/code is correct, the pager activates. If not, it goes back to "sleep" for another few fractions of a second until the next strobe interval.

> Keep in mind that pagers work by constantly monitoring
> the radio channel for their capcode. So if you have
> ten pagers, or a hundred, or a thousand, all with the same
> capcode, they will -all- go off at the same time.

> This way the sports news company sends out one message
> and it gets displayed by all subscribers.

Those services are not exactly standard paging services. They are usually transmitted by subcarrier on a commercial FM broadcast station.

==========
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ, FLAG-1
Finger Lakes Alert Group (FLAG) founder
Western NY Shortwave & Scanner Listeners' Net Control Station
Internet david.stark@rochgte.fidonet.org [or] FLAG@rochgte.fidonet.org
Packet NF2G@WB2WXQ.#WNY.NY.USA.NA
==========

6232. 2006 picking up images from FM radios

Newsgroup: rec.radio.scanner
Date: 1994-07-11 23:09:46 UTC
From: copeland@metronet.com
Message-ID: <CsstoB.A0E@metronet.com>
Source record: 271933

I've noticed that my PRO-2006 picks up images from my SW and FM radios. When I turn the SW/FM radio off the signal goes away. I picked up FM on about 800mhz, and a SW station on about 400mhz. The FM radio was tuned to the station the scanner picked up, but oddly the SW station I picked up (netherlands) was not the station the SW radio was tuned!

Anyone else experience this?

--

| copeland@metronet.com |

6233. Cellular on Non-Cellular channels?

Newsgroup: rec.radio.scanner
Date: 1994-07-11 23:10:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <774030640.AA09038@rochgte.fidonet.org>
Source record: 271959

> In article <CsJ6I3.KM0@wang.com> dbushong@wang.com (Dave Bushong)
> writes:

>>Of course, your scanner must be able to receive AM on 156.8, which
>>would be a little unusual. Aircraft radios from 118-135.975 use AM in
>>the US. Most scanners that don't receive aircraft don't have an "AM"
>>position and aren't able to detect AM signals.

Anyone who has experienced aircraft imaging on FM-only scanners already
knows that this is wrong.

Email replies to: david.stark@rochgte.fidonet.org
Packet replies to: NF2G@WB2WXQ.#WNY.NY.USA.NA

6234. Re: Blatant plug for PerCon CD-ROM!

Newsgroup: rec.radio.scanner
Date: 1994-07-11 23:43:36 UTC
From: barryc@mpd.tandem.com
Message-ID: <1994Jul11.234336.18940@integrity.uucp>
Source record: 271818

RE:

>Con - The search engine provided on the CD has more bugs than the
> American embassy in Moscow.

> The export format is fine, except that the four numeric fields in
> each record (other 57 are character type) can't be properly
> exported.

>Rating - 9 out of a possible 10. The usefulness of this thing far
>outweighs the annoyances.

>Buy it, then export the stuff you're interested in to the database of
>your choice.

Hi,

I purchased the Texas state CD ROM in April. If I want to update my CDROM
I have to purchase a new one. That's my one BIG BITCH. Many companies that
update their data on a quarterly basis have some type of upgrade path for
their customers. I'd be glad to send my CD back to be added to (it's a
Kodak Write Once CD) ~1/2 to 2/3's of it is unused. It should handle at
least one more write session.

The database engine is garbage. If you want to make it blow up enter a LAT/
LONG that is exactly the same as a data entry when you do a radius sort.
It blows up every time (divide by zero or floating point error). The ways
the program handles this and other errors (blows up) is pretty marks it
as kluge and not a real commercial product. I prefer to export my data and
use other REAL database programs to work with. It also works much better
if you copy the CDROM to your hard disk (yes, I have lots of space...).

Don't expect to legally make any money using this data. Even though they are
a designated distributor of data provided by taxpayer funding you have no
legal right to do anything with it. Since they are the only folks who sell
FCC data on CDROMs and the FCC designates them to do it it seem to me that
you should have some rights to the data for commercial use. Maybe I need to
buy the 9 track tapes from the FCC to do that. Any ideas folks? I want data
that I can legally resell.

It they had a realistic upgrade price and a better database engine it would
be a much better buy. On the other hand the quarterly versions are a much
better deal than the state version I was stuck with. Commercial use provisions
(even with fee's) would make it more attractive for business that need to resell
or include data for proposals, etc.

CUL and 73,
-barryc

Barry D. Chalcroft / N5NWI Tandem Computers ISD, Austin,TX
Work: (512) 244-8723 The Home of "UNIX with Integrity"
EMAIL: barryc@mpd.tandem.com bchalcroft@delphi.com
76500.2177@compuserve.com barryc@cactus.org

6235. 3 Pro 43 non A's left in Goleta

Newsgroup: rec.radio.scanner
Date: 1994-07-12 00:18:23 UTC
From: woodman@rain.org
Message-ID: <woodman.773972225@coyote>
Source record: 271937
Cross-posted to: alt.radio.scanner,rec.radio.scanner

The Radio Shack in Goleta, California has 3 non A, modifiable Pro 43's
left in stock as of this afternoon.

--
--- |
Michael Woodill | You can do everything with bayonets
| except sit on them.
woodman@coyote.rain.org | O. von Bismarck

6236. Goleta Radio Shack Phone number

Newsgroup: rec.radio.scanner
Date: 1994-07-12 00:21:55 UTC
From: woodman@rain.org
Message-ID: <woodman.773972415@coyote>
Source record: 271938
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Re: Three modifiable Pro 43's left in stock

Sorry, forgot the 'phone number:

(805) 964 2500

179 N. Fairview
Goleta CA 93117

--
--- |
Michael Woodill | You can do everything with bayonets
| except sit on them.
woodman@coyote.rain.org | O. von Bismarck

6237. Re: 3 Pro 43 non A's left in Goleta

Newsgroup: rec.radio.scanner
Date: 1994-07-12 01:07:29 UTC
From: mendosa@rain.org
Message-ID: <2vsqch$44s@rain.org>
Source record: 271939
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Michael,

Have you seen the new frequency list for the South Coast? I uploaded it
to Santa Barbara City College's BBS a few days ago. Some 850 frequencies.
--
==========
Rick Mendosa, Freelance Writer, phone (805) 684-5642, fax: (805) 684-5408
5700 Via Real, Suite 126, Carpinteria, CA 93013 mendosa@rain.org
==========

6238. Re: Motorola 'Secure-Clear' Cordless Phones (repost)

Newsgroup: rec.radio.scanner
Date: 1994-07-12 01:35:33 UTC
From: monty@pipeline.com
Message-ID: <2vss15$4ds@pipe1.pipeline.com>
Source record: 271943

>posted a few years ago. I assume Motorola is still
>using the voice-inversion technology for their
>'Secure-Clear' line, although I'm not sure if they're
>continuing to misinform the public about the level of
>protection offered by its primitive & weak
>transmission-security method.
>
>**********

Did you actually see, or know of anyone that did decode the
'demo'conversation? When I was back in England, the local
Police force had a radio system that 'scrambled'the
conversation and sounded a bit like SSB but in fact was
something more complicated as there was more than one key to
decode the transmissions.

Just curious,

Bryan.

6239. Re: New AOR AR-8000

Newsgroup: rec.radio.scanner
Date: 1994-07-12 01:37:21 UTC
From: monty@pipeline.com
Message-ID: <2vss4h$50k@pipe1.pipeline.com>
Source record: 271944

Simon Collings (scollin@sapphire.win-uk.net) wrote: :
>I notice a growing interest in this new scanner from
>AOR in the
>: past couple of days.
>
>: I will have one these radios on loan from AOR (UK)
>for a while
>: soon. I have been asked by AOR Japan to write a DOS
>utility to
>: configure the factory presets for AOR national
>distributors.
>
Hi,

I saw a press release in one of the UK mags, SW listener I think. Any way it sounded pretty impressive from that. I guess what i would like to see is a feature to set up a simplex pair, so that it will scan say 5 times between a pair of frequencies before moving on. This would be especially useful for some marine channels and I'm sure there are plenty of other simplex systems.

One other thing I would like to see is the ability to have a 'bank'and set it so that only one channel could be locked out. Mainly for trunked systems so that when the control channel changes, you just have to lock that one and not bother trying to find the the previous control chanel.

I would also be interested to know how easy it is to control from a PC, to interface with a PC for data transmissions, fax, weather, satellites, TV etc. Also in the same magazine was an article about new software for an AOR (3000??) where the reviewer set it up to search all day recording the frequencies and the conversations with a sound card so that he could all the communications on a specific frequency and determine it's use. Sounded pretty smart!

Thanks,

Bryan.

6240. Public Safety Trunking - why use it?

Newsgroup: rec.radio.scanner
Date: 1994-07-12 01:38:37 UTC
From: monty@pipeline.com
Message-ID: <2vss6t$5b3@pipe1.pipeline.com>
Source record: 271945

My mailer managed to lose the original thread but anyway, I just thought I'd give you my view of trunking in the town where I work.

Some years ago (before my time here), about 5 or so I guess, the Town of Colonie NY switched to a Mototrola trunked system. I believe there are 3 microwave repeaters in the town and I know that it uses 6 frequencies.

Some of the major benefits result from the statistics of use and how often people actually speak. In the fire dept, the radios are programmed with 4 specific fire channels and 1 town frequency. I know that both the EMS and the Police have at least 2 frequencies each, then there is the water dept, dpw, parks and recreation, animal control that I know of. Before the system each channel would have to be allocated a seperate frequency whereas now there are many channels but only 6 frequencies. In the fire dept I have not known of any time that all 6 channels have been in us, even when there have been seperate incidents on 4 of the fire chanels.

These systems also have the capability of being re-programmed on the fly so that water can communicate directly with fire and/or police etc. Each radio is uniquely identifiable and can be disabled/enabled at will. Traditional' frequencies can be patched in from surrounding towns/depts/counties as required. The system can be linked in to the public phone system and it can also be encrypted.

As for scanning, the system has been configured so that if the first frequency is not in use by the fire dept and a fire radio transmits it will be allocated that frequency. If dpw are using it they get bounced to another frequency. If two fire channels are in use, it wil still try to use the first frequency - unless it is already in use by a fire radio.

Finally, as far as encryption is conceerned, I can see why the police would prefer it. Why should you know where a speed trap is? Why should someone attempting to burgal a building know that the police are being dispatched? Why should you know the personal details of J Doe who has been stopped by the cops? I know from experience that the English Police think very highly of encryption as a tool in the fight on crime.

Just my opinion - Bryan.

6241. Re: Cellular on Non-Cellular channels?

Newsgroup: rec.radio.scanner
Date: 1994-07-12 01:57:41 UTC
From: tharrell@nmsu.edu
Message-ID: <2vstal$iim@dns1.NMSU.Edu>
Source record: 271871

Curtis Wheeler (cgwh@chevron.com) wrote:
: In article <CsJ6I3.KM0@wang.com> dbushong@wang.com (Dave Bushong) writes:

: >Of course, your scanner must be able to receive AM on 156.8, which
: >would be a little unusual. Aircraft radios from 118-135.975 use AM in
: >the US. Most scanners that don't receive aircraft don't have an "AM"
: >position and aren't able to detect AM signals.

: Actually it would not be unusual at all. Most "FM" scanners do not have
: very much limiting in their receivers. Limiting is the function that reduces
: interference from AM signals and noise. An AM signal that doesn't get
: limited will be demodulated. Additionally, AM signals have some FM
: charcteristics as both generate sidbands (FM more than AM) which make the
: bandwith of the signal change in relation to the modulating (audio) frequency,
: though not in exactly the same way.

It surprised me though when it happened on my car radio. The radio station
normally at 98.7 MHz was off the air, and I could hear El Paso
International's ATIS broadcast (normally on 120.0 MHz) in its place.
My wife gave me a wierd look when I started screaming 'Images!! Images!!'
in the car. 21.3 / 2 = about 10.65, which sounds right for an IF.

T.J. Harrell III

6242. pro2032 mod

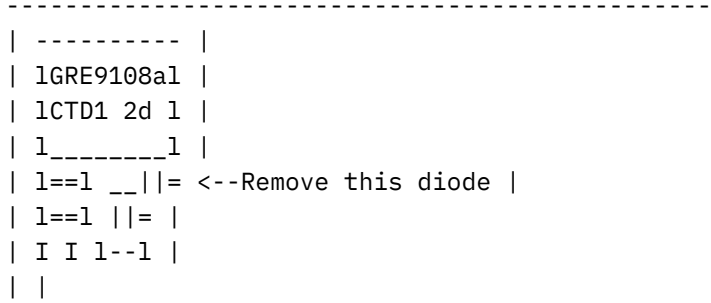
Newsgroup: rec.radio.scanner
Date: 1994-07-12 02:28:05 UTC
From: copeland@metronet.com
Message-ID: <Cst2uu.6xG@metronet.com>
Source record: 271946

From Jerry.Smith@f747.n115.z1.fidonet.org Wed Jun 15 22:43:15 CDT 1994
Product...Realistic PRO-2032 by Radio Shack
Purpose...Modify for continuous 800 Mhz coverage
in appropriate 30 Khz steps where applicable

** Disclaimer...All modifications are done AT YOUR OWN RISK.
** Performing this modification may void your warranty.
** Perfroming this modification may enable certain portions of the 800 Mhz
band that is illegal to monitor under federal U.S. law.
** I strongly suggest taking ESD precautions by getting a static strap as
this involves work with static sensitive devices. Any electronics store
should have one for purchase.

This information is from the June, 1994 issue of Monitoring Times, p.
112.

Required equipment...small-tip soldering iron, small gauge rosin core
solder, desoldering wick, Phillips screwdriver, 1N914 or 1N4148 diode.
1. With the scanner unplugged from power, remove both upper and lower
covers (foru screws in the rear of the cabinet), taking care not to damage
the speaker wires.
2. Set the scanner upside down with the back facing you. Locate the
microprocessor shield (upper left corner near volume and squelch controls).
Unsolder and remove the shield.
3. Refer to the diagram and locate the three-legged diode at the lower
right of the microprocessor chip. Carefully unsosolder and remove this
diode.
4. Referring to the diagram, place a 1N914 or 1N4148 switching diode
across the solder pads as shown. (NOTE POLARITY) Remove any excess leads
and carefully solder it in place. Be sure it's leads will not contact any
other components, paths or the reassembled shield. A small piece of tape
may be used as insulation if necessary.
5. Plug the scanner into power, turn it on and test the unit by entering
any frequency that may have been blocked in the 800 Mhz range.
6. If successful, unplug the unit and reassemble the scanner.



```
| l==l == |
| l--l == |
| |
| l==lo--|<----| |
| l--lo | Connect diode to this |
| ooo <--Solder pad... |
| Band is designated by "|<" |
|_____________________________________________________________________|
```

Jerry

--


```
-------------------------------------------------------------------
| copeland@metronet.com |
-------------------------------------------------------------------
```

6243. FTP sites for Ohio Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-12 02:35:57 UTC
From: tgollin@andy.bgsu.edu
Message-ID: <tgollin-110794213557@m32-67.bgsu.edu>
Source record: 271941

Hey all---

Anyone know of any FTP sites for ohio frequencies? I am too cheap to goto Radioshack to buy the new police call guide, besides I am interested in more than just governmental frequencies. Any info, please e-mail or post!!!

--
"I'm the roadkill on the information superhighway"

Todd Golling tgollin@andy.bgsu.edu
505 Clough St BowlingGreen, Ohio 43402
419-353-7223

6244. Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-12 02:53:44 UTC
From: latimer@chinook.halcyon.com
Message-ID: <2vt0jo$bbg@nwfocus.wa.com>
Source record: 271947

Hi Everybody!

I have a subject that I would like some feedback on. It is my understanding of the recently enacted rules covering scanners that although no newly manufactured scanner may be capable of, or may be easily modified to receive cellular transmissions, it IS still legal to sell kits that will modify a scanner to these abilities. I also understand that it is legal to sell a cellular capable scanner in kit form that a consumer can put together themselves. Am I correct in my understanding of these items? If so, where are these products? Why haven't the scanner makers jumped on this oppertunity? Any & all comments on this would be welcome.

Happy Scanning,

Phil Latimer

latimer@halcyon.com

6245. Getting Around Cell-Restricted Scanners

Newsgroup: rec.radio.scanner
Date: 1994-07-12 03:14:24 UTC
From: latimer@chinook.halcyon.com
Message-ID: <2vt1qg$c9o@nwfocus.wa.com>
Source record: 271948

I have a subject that I would like some feedback on. It is my understanding of the recently enacted laws concerning scanners, that although no scanner capable of receiving cellular transmissions may be imported, manufactured or be capable of being easily modified, there ARE loopholes in this new law. It is my understanding that it IS legal to sell kits that will modify a scanner to cellular capability. It is also supposed to be legal to sell a cellular capable scanner in kit form that the buyer can assemble themselves. Am I correct in these matters? If so, where are these products? Why haven't the scanner makers jumped on this? Any and all commments on this subject will be welcome.

Happy Scanning,

Phil Latimer

latimer@halcyon.com

6246. Re: PRO 2022 MORE CHANNELS MOD ?

Newsgroup: rec.radio.scanner
Date: 1994-07-12 04:30:30 UTC
From: dhartzell@ins.infonet.net
Message-ID: <2vt696$nso@insosf1.infonet.net>
Source record: 271949

In article <2vsh6i$o87@pipe1.pipeline.com>, ligosa@pipeline.com (Chris Barbosa) writes:
>Can anyone please post any and all info. they have
>on a mod for the PRO 2022 in referrence to adding more
>channels.
>I heard it was possible to modify it for up to 6400 channels ?
>Thanks..
>Chris Barbosa
>Email to ligosa@pipeline.com

You should get ahold of The Scanner Mod Handbook 2...It tells how to increase the scanning speed, open the cellular band, and how to increase the channels to 3,200 (becuase of the original memory design).

Dave Hartzell, N0TGD

6247. Re: Best Mobile Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-07-12 04:38:39 UTC
From: linley@netcom.com
Message-ID: <linleyCst8wF.Ho7@netcom.com>
Source record: 271950

In ye olden post brad.glidewell@nt.com spake...
>Ok guys, whats the BEST make of radio for mobile scanner?
>
>Must be:
>1) Easy to operate one handed.
>2) Continuous coverage.
>3) Bank oriented.
>4) Portable (of course).
>5) Loud enough to hear over road noise.
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>6) Lighted display AND buttons!
>7) HUD (heads up display would be nice) ;-)

Use one of those car casette CD adaptors (under $20) to get around the noise.
Cheap and very effective. Pro-43 users, adjust your equalizer to cut out that
bass "thump", and turn down the volume when you press a key (that 'beep' can
make your ears bleed!)

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur radio: KE6EQZ
-=-=-=-=-=-=-=- "Another visitor. Stay a while.... Stay FOREVER!" -=-=-=-=-=-=-

6248. Germany's Cellular system

Newsgroup: rec.radio.scanner
Date: 1994-07-12 09:14:16 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.374.00093D27@ccm.hf.intel.com>
Source record: 271962

Does anyone have ant info on Germany's cellular system? What frequencies they use or the type of system they have? The only info I have says they use the 450 MHz range, which I believe to be outdated information.

Any help would be appreciated.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6249. freq help

Newsgroup: rec.radio.scanner
Date: 1994-07-12 09:41:00 UTC
From: jimy.mac@corpsoft.com
Message-ID: <56.600.uupcb@corpsoft.com>
Source record: 271964

```
can anyone tell me what freq. range a cell phone will be on? also a
non-cell port..you know,a regular home phone? thanx,jimy.mac@corpsoft.com
---
. JABBER v1.2 . jimy.mac@corpsoft.com- 815-886-3233 (great midwest bb)

----
+-------------------------------------------------------------+
| CorpSoft BBS [3 Nodes] - (815) 886-9388 28.8 v.fc |
| Romeoville, IL |
+-------------------------------------------------------------+
```

6250. Exactly where are cellular frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-12 11:48:13 UTC
From: w.mccall@csi.compuserve.com
Message-ID: <2vtvtt$4ok@mhaal.inhouse.compuserve.com>
Source record: 271951

I bought a new Pro43 and found out it is unmodifiable. I'm not self righteous, but I'm not sweating the loss of cellular, but if I did have it, I probably would scan it periodically. In scanning frequency ranges around 865mhz, I am picking up a lot of traffic that sure sounds like cellular traffic. Anyone have any idea what it is? I know its not police using phone lines to call home as I hear that on the local trunked system frequencies. In all cases this seems like private citizens talking and I can usually identify one of them as being mobile. Explanations?

6251. New Canadian Pro-43's modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-07-12 11:57:32 UTC
From: sita@ecf.toronto.edu
Message-ID: <Cstt7x.J25@ecf.toronto.edu>
Source record: 271952

Does anyone have any information concerning the Pro43's available in Canada? The backs of the units do not have any FCC id #'s, just the following (for example):

20-300
DOC/MDC 255 B163
s/n: 084xxx

There are also small stickers on the back of the box (bottom right-hand corner) saying "3A4".

Any help is appreciated...

Andrew

6252. Re: Getting Around Cell-Restricted Scanners

Newsgroup: rec.radio.scanner
Date: 1994-07-12 13:32:06 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <2vu60m$q5m@dancer.cc.bellcore.com>
Source record: 271688

In article <2vt1qg$c9o@nwfocus.wa.com>,
Philip B. Latimer <latimer@chinook.halcyon.com> wrote:
> I have a subject that I would like some feedback on. It is my
>understanding of the recently enacted laws concerning scanners, that
>although no scanner capable of receiving cellular transmissions may be
>imported, manufactured or be capable of being easily modified, there ARE
>loopholes in this new law. It is my understanding that it IS legal to
>sell kits that will modify a scanner to cellular capability.

I believe that is a correct interpretation. One selling a kit is
selling a bunch of parts and a schematic which doesn't appear to
be in violation of the new FCC regulations.

> It is also
>supposed to be legal to sell a cellular capable scanner in kit form that
>the buyer can assemble themselves. Am I correct in these matters? If so,
>where are these products?

Same asnwer as above. As to availability, that's a function of market
demand. For now I'd say no one has identified a big enough market
for such a kit. See more comments below.

> Why haven't the scanner makers jumped on this?

The complexity and packaging of today's scanners are faily well
beyond a home assembly level. Much of the assembly is highly
mechanized to eliminate quality defects, etc.
As above, I'd guess the scanner manufacturers don't want to
do so on general principle AND because they don't see a
big enough market for the kits.

>Any and all commments on this subject will be welcome.

What you will likely find marketable today is/are kits to build
broadband converters that take a range of input frequencies
(e.g. from 800MHz to 900MHz) and "convert" them to a lower frequency
rane (e.g. 400MHz to 500MHz) that most any scanner can already receive.
A broadband converter is far less complicated than a scanner and
it doesn't reguire programming channel selection and other scanning
features as those functions are done by the scanner into which
the output of the broadband converter is connected to.

I recall someone saying that a two part contruction article for such
a converter appeared in the Feb/Mar issue(s) of Radio Electronics
in 1993. I've never seen the article, but I'd like to get a copy of
it myself.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

6253. Yellowstone frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-12 13:44:49 UTC
From: kschmidt@kaiwan.com
Message-ID: <2vu6oh$e7b@kaiwan.kaiwan.com>
Source record: 271953

I have a friend who is also a scanner enthusiast and he will be going to Yellowstone National Park next week. Does any one have the frequencies that the park rangers opperate on in that park?

Thanx in advance,

Ken

6254. Baltimore, Md freqs wanted

Newsgroup: rec.radio.scanner
Date: 1994-07-12 14:32:15 UTC
From: aa357@yfn.ysu.edu
Message-ID: <2vu9hf$77k@news.ysu.edu>
Source record: 271954

I am looking for any frequency lists for the Baltimore, Md area.
I will be going there the end of July. I have a Police Call for Maryland
but it is 2 years old and I'm not sure if things have changed. Any freqs will
be greatly appreciated along with any other information.
Thanks Much

--
********** >>> Youngstown Free-Net aa357@yfn.ysu.edu <<<
* Greg * >
* Ricker * >
********** >

6255. Re: McDonald's Freqs (WHY

Newsgroup: rec.radio.scanner
Date: 1994-07-12 15:39:00 UTC
From: danny.reich@chowda.com
Message-ID: <9407132000595394@chowda.com>
Source record: 271869

MR-> Yes, dig those holes. Fill that ditch. Salt/sand the roads.
MR-> Weeeee-hoooo.

It's always fun to listen to the hospitals. Or even better, the
fire and rescue. Like the call to dunkin donuts for a man
slumped over a wheel.

llatta

It's very addictive.

* OLX 2.1 * Procrastination means never having to say you're sorry.

6256. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-12 16:34:02 UTC
From: glr@ripco.com
Message-ID: <Csu60r.6Bt@rci.ripco.com>
Source record: 271957

Darrell A. Larose (ad607@FreeNet.Carleton.CA) wrote:

: In a previous article, siemer@umbc.edu (Mr. Henry Siemer) says:

: >
: >Anyone have the freqs for McDonald's drive-thru window?
: >
: >Thanks
: >
: WHY?

: I really don't care if the guy in front of me has ordered 2 Big Mac's...

No, but you might find the chat between employees to be interesting, sometimes.
Of course, the ones that should hear some of it, is the management at the
Fastfood Chains... as McDonalds aren't the only ones with wireless headsets.
:

--

Glen L. Roberts, Publisher, Directory of Elect Surv Equip Suppliers
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
Box 734, Antioch, Illinois 60002 Fax: (708) 838-0316
Voice/FAX on demand: (708) 356-9646

6257. Re: What is the FCC Radio Service Code "IV"??

Newsgroup: rec.radio.scanner
Date: 1994-07-12 16:44:02 UTC
From: scan911@aol.com
Message-ID: <2vuh8i$na7@search01.news.aol.com>
Source record: 271961

In article <RFVaPc1w165w@tosspot.sv.com>, lee@tosspot.sv.com (Lee Reynolds) writes:

>Found "IV" showing up as data in the RSC field - seems to be something >to do with video.

>Anyone know what the FCC describes this service code as??

Yes....it's the new video radio service....much like the motion picture radio service, but for video crews.

scan911@aol.com

6258. Repair Tips for Bearcat Scanner Radios

Newsgroup: rec.radio.scanner
Date: 1994-07-12 16:48:01 UTC
From: parnass@ihlpf.att.com
Message-ID: <Csu6o4.Cpt@nntpa.cb.att.com>
Source record: 271956
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info,sci.electronics.repair

Last changed: July 12, 1994 |

REPAIR TIPS: BEARCAT SCANNER RADIOS |

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part on CDROMS, in bulletin boards, networks, or |
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the author. Free distribution is encouraged.]

Introduction |

The original Bearcat scanner line was manufactured by |
Electra of Cumberland, Indiana. In the mid 1980s, Uniden |
bought out the Bearcat scanner line and Uniden's first |
Bearcat scanner was the 800XLT model. |

Most of the models discussed in this article are |
base/mobile units made by Electra during the 1970s and |
1980s. Electra stamped all of its scanners with a |
manufacturing date code on the rear of the cabinet. The |
code is comprised of a single character (C = Cumberland, |
Indiana, P = Puerto Rico), followed by four digits denoting |
year and week the radio was built. For example, "P8422" |
denotes the radio was made in the Puerto Rico factory |
during the 22nd week of 1984.

Schematics and Parts Available |

Schematic diagrams may be obtained from Uniden/Bearcat's |
parts department, (317)842-2483. |

G & G Communications (telephone 716-768-8151) is a family |
owned company which repairs scanners and stocks parts for |
several older models, especially Electra/Bearcat and |
Regency brands. They are located at 9247 Glenwood Drive, |
LeRoy, NY 14482. |

Electronic Repair Centers in Franklin Park, Illinois |
(telephone 708-455-5105) has been repairing Bearcat |
scanners for several years. They charge a flat $45 repair |
rate for programmable and $30 for crystal scanners, and |
shipping is extra. Electronic Repair Centers will fix |
Regency scanners if they can obtain the parts. |

Bad Solder Joints Common

Before addressing specific symptoms, circuit boards in the malfunctioning scanner should be inspected for poor solder joints.

The Electra/Bearcat BC350, BC300, BC250, BC220, BC20/20, | BC211, BC210, and BC210XL models were hand assembled, and every one I've serviced had several connections that were either soldered poorly, or not soldered at all.

Resoldering joints on the ribbon cable connecting the RF and keyboard logic circuit boards in a BC250 attenuated the microprocessor/synthesizer hash noise noticeably.

A Bearcat 20/20 was experiencing periodic loss of memory on some, but not all channels. When the problem occurred, the frequencies on some channels would be completely changed. On other channels, the frequency would still be intact, but the channel would be locked out, and the delay toggled from "on" to "off". Some channels were not affected.

The 2 "AA" memory backup batteries, and their holder, tested good. Much time was spent tracing logic, heating and cooling components, and making voltage measurements.

One of the secondary leads from the power transformer was connected to the main circuit board through a hole drilled through foil traces on both the top and bottom sides of the board. A close examination revealed that this lead had been soldered only on the top of the board - the bottom side had never been soldered.

Soldering the lead on both sides of the board solved the memory loss problem. |

Symptom: Blank Display

The BC300 scanner, and several other Bearcat models, employ a switching type power supply stage to generate plus and minus voltages in excess of 20 volts DC. When this switcher fails to function, the display goes blank, but the squelch control appears to work, and white noise can be heard in the speaker.

In two of the BC300 scanners I've fixed, C98, a capacitor in series with the primary of the switching transformer | failed, causing the output of the supply to drop below the | level needed to power the display. The switching transformer is mounted on the RF circuit board, and is much, much smaller than the main power transformer, which is usually fastened to the metal chassis. The 22uF/16V * capacitor used for C98 in early BC300s was marginal, and was replaced with a 47uF/25V capacitor in later units.

I recently replaced the 22 uF capacitor in the switching power supply stage of a BC210XL which caused the same symptom. Other capacitors in the switcher stage have failed. C114, a 4.7 uF/35V tantalum capacitor failed in at least one BC250, causing the display to blank.

A more sinister problem affects the switcher in earlier models. The switching supply stage in the BC250 and original BC210 is driven by a clock signal derived from a custom Exar NC57902 divider integrated circuit (designated | IC6 in the BC250 scanner). I've seen this divider IC fail in several BC250s, causing a blank display (except for a decimal point in the BC250's rightmost digit). This custom IC is no longer available from Uniden. |

Symptom: Invalid Frequency Displayed

A common Bearcat 250 malady is manifested by an invalid frequency displayed on the readout. This condition is temporarily "cured" by unplugging the AC line cord from the wall, then replugging it. This condition is symptomatic of a power supply problem in which Q204, a Texas Instruments TIP-29 located on the feature circuit board, fails.

A Philips ECG291 will work as a substitute for the TIP-29. | Don't try a Radio Shack substitute, it hasn't worked. See Martin Toomajian's article, "Bearcat 250 Erratic Display Cure", in January 1987 Monitoring Times. *

A similar problem in the Bearcat 20/20 was discussed previously in the section on bad solder joints. |

Symptom: Squelch Won't Eliminate White Noise

Most Uniden/Bearcat base/mobile scanners feature an AUTO squelch position, actuated by rotating the squelch knob fully counter clockwise. The BC350 used a separate pushbutton switch for this purpose. These scanners use a | flimsy potentiometer (designated R81 in BC300s) internally mounted on the RF circuit board, to set the level of signal required to open the squelch when in the AUTO position. This pot also has an effect on the squelch action in the non-AUTO mode, and determines at which point the squelch knob must be positioned in order to silence the radio.

Although the potentiometer is adjusted at the factory, changes in component values due to aging often necessitate readjustment of this internal pot. Misadjustment of this pot has been the cause of "no squelch" complaints in two BC300s and a BC250 I fixed.

Another squelch failure is due to a blown transistor that acts as the electronic switch in the squelch circuit. I replaced this transistor in only one BC300, so I don't know

if this is a common problem. |

Symptom: Scanner Completely Dead

In Bearcat scanners using an internal power supply (e.g., BC350, BC250, etc.), the main power transformer is connected directly to the AC line. Since the on/off switch is on the secondary side of the transformer, current flows in the primary as long as the AC line cord is plugged into an active AC outlet. These transformers contain an internal circuit breaker, not visible without unwinding (destroying) the transformer. The internal breaker is known to fail prematurely in a batch of Bearcat power transformers.

If your scanner is completely dead, check the primary of this transformer for an open circuit condition. |

Symptom: Keyboard Bounce

After much use, the Chromerics keyboards in Bearcat scanners start to wear out. The first sign of trouble is usually keyboard bounce on the most frequently used key, | e.g., the MANUAL key. Replacement keyboards are usually available from UNIDEN, but replacement requires dexterity, as one must take care not to tear the flat, flexible strip connecting the keyboard to the logic board. |

Symptom: Keyboard Completely Unresponsive

The keyboard matrix is "scanned" by the microprocessor. Another problem is when none of the keys seems to function; the receiver just keeps scanning in spite of key depressions. I found this condition in a BC210XL scanner owned by a heavy smoker. Perhaps nicotine smoke was to blame, as the resistance between two input port pins on the microprocessor was down to about 1000 ohms, fooling the microprocessor into believing that a key was stuck in the "down" position. Scraping the circuit board between the two pins with an X-Acto knife fixed the problem. |

Other Problems

Complaints of low audio output and occasional microphonics | in a Uniden/Bearcat 800XLT was caused by a bad 47 ufd electrolytic capacitor in series between the external speaker jack and audio amplifier.

--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6259. AR1000 audio problem

Newsgroup: rec.radio.scanner
Date: 1994-07-12 16:58:55 UTC
From: moninger@emiris.iaf.uiowa.edu
Message-ID: <2vui4f$cof@nexus.uiowa.edu>
Source record: 271960
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I have an interesting problem with my AR1000. I am
experienced with scanning but am not up on my electronic theory.
So, I thought, write the experts.
I believe the problem might be with the headphone
jack/switch assembly, and it manifests itself in 2 ways;
1) when the headphone plug is removed, the scanner is
operating and a channel is active only staqtic is heard. The
speaker is silent when scanning, and
2) when the headphones are plugged in (I use the small RS
external speakerthat clips to shirt collars, etc.) and a channel
is active the speaker output is normal, with the exception that
any movement of the antenna or speaker cable introduces a hollow,
clunking sound to the output.
Any ideas? The speaker and antenna jacks are in close
proximity on this unit--loose wire, bad speaker cut-off switch?
Other then this small problem, I have been very pleased
with this scanner. I haved used it daily for two years and it
compliments my other scanners (BC210 and an Pro-2006) well.
--

Thomas Moninger (moninger@emiris.iaf.uiowa.edu)
Central Electron Microscopy Research Facility
and the Howard Hughes Medical Institute

6260. Re: Comments solicited on the Bearcat 220XLT and 120XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-12 17:02:04 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.375.00110952@ccm.hf.intel.com>
Source record: 271828

In article <BqwaPc2w165w@tosspot.sv.com> lee@tosspot.sv.com (Lee Reynolds) writes:

> I notice my friendly neighborhood Damark catalog is pushing the
>BC220XLT and BC120XLT. Prices are $250 and $170 respectively.

>Anyone have comments on price and features/value for money of these
>things? I presume that they cover cellular as well? (Given that you get
>old stock rather than new?) Are they still current offerings from
>Bearcat?

These are both new offerings from Uniden. The BC 200XLT is a very good
scanner. The Ham Station has them on sale for $229. Major features are
100ch/sec scan and 300ch/sec search as well as a data skip feature to skip
over non-voice traffic.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6261. Re: Comments solicited on the Bearcat 220XLT and 120XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-12 17:04:03 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.376.001111CD@ccm.hf.intel.com>
Source record: 271829

In article <brett_miller.375.00110952@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>These are both new offerings from Uniden. The BC 200XLT is a very good
this is supposed to say BC220XLT ^^

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6262. Re: Cellular on Non-Cellular channels?

Newsgroup: rec.radio.scanner
Date: 1994-07-12 18:59:19 UTC
From: dbushong@wang.com
Message-ID: <CsuCqw.3GF@wang.com>
Source record: 271966

David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:

> > In article <CsJ6I3.KM0@wang.com> dbushong@wang.com (Dave Bushong)
> > writes:

> >>Of course, your scanner must be able to receive AM on 156.8, which
> >>would be a little unusual. Aircraft radios from 118-135.975 use AM in
> >>the US. Most scanners that don't receive aircraft don't have an "AM"
> >>position and aren't able to detect AM signals.

> Anyone who has experienced aircraft imaging on FM-only scanners already
>knows that this is wrong.

I didn't say it needed to be designed that way; I said "it must be
able to receive AM". I chose my words carefully when I posted that,
especially such words as "able to receive" and "detect."

Dave

--
Dave Bushong, Wang Imaging

6263. Re: Exactly where are cellular frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-12 19:20:04 UTC
From: nbschee@mailserv.nbnet.nb.ca
Message-ID: <nbschee.293.0013563C@mailserv.nbnet.nb.ca>
Source record: 271825

In article <2vtvtt$4ok@mhaal.inhouse.compuserve.com> w.mccall@csi.compuserve.com writes:
>From: w.mccall@csi.compuserve.com
>Subject: Exactly where are cellular frequencies
>Date: 12 Jul 1994 11:48:13 GMT

Cellular frequencies are 870 to 890 MHz.

From: nbschee@mailserv.nbnet.nb.ca
Silas E. Cheeseman
Saint John, NB, Canada
(506) 674-1321 Computer/FAX

"He will wipe away all the tears from their eyes"

- Revelation 21:4

6264. Connecting antenna to BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-12 20:40:25 UTC
From: aja.wbst845@xerox.com
Message-ID: <1994Jul12.204025.3799@news.wrc.xerox.com>
Source record: 271836

Hi,
I'll be moving to a house soon that has a typical external TV antenna.
What are the dos and don'ts about connecting this to my BC200XLT?
And how do I do it?

Thanks,
Alan
aja.wbst845@xerox.com or aufder@aol.com

6265. Any 800 mhz mods for PRO-2023?

Newsgroup: rec.radio.scanner
Date: 1994-07-12 20:49:20 UTC
From: mlang@inst-sun1.jpl.nasa.gov
Message-ID: <mlang-120794124920@mlang.jpl.nasa.gov>
Source record: 271963

I would appreciate any info. Thanks.

= Minh =

6266. Freq. for Los Angeles area?

Newsgroup: rec.radio.scanner
Date: 1994-07-12 20:51:40 UTC
From: mlang@inst-sun1.jpl.nasa.gov
Message-ID: <mlang-120794125140@mlang.jpl.nasa.gov>
Source record: 271965

IS there an electronic list of frequencies used
by FD, PD around Los Angeles area? Thanks.

- Minh -

6267. Re: New Canadian Pro-43's modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-07-12 21:45:41 UTC
From: stujorda@eku.acs.eku.edu
Message-ID: <1994Jul12.164541.2910@eku.acs.eku.edu>
Source record: 271967

In article <Cstt7x.J25@ecf.toronto.edu>, sita@ecf.toronto.edu (SIT ANDREW) writes:
>
> Does anyone have any information concerning the Pro43's available in
> Canada? The backs of the units do not have any FCC id #'s, just the following
> (for example):
>
> 20-300
> DOC/MDC 255 B163
> s/n: 084xxx
>
> There are also small stickers on the back of the box (bottom right-hand
> corner) saying "3A4".
>
> Any help is appreciated...
>
> Andrew
>
From what I understand 3A4 is the manufacture date. 3 is the month, in
this case March, and the 4 is the year, 94 in this case. The A is just
something they put in. Since the law regarding Cellular took effect in
April it should be modifiable. That is if R/S makes the units the same
for the states as in Canada.
Darrell Jordan--Stujorda@acs.eku.edu
BITNET Stujorda@eku.bitnet

6268. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-12 22:11:09 UTC
From: ah335@cleveland.Freenet.Edu
Message-ID: <2vv4dt$gul@usenet.INS.CWRU.Edu>
Source record: 271968

In a previous article, glr@ripco.com (Glen Roberts) says:

>Darrell A. Larose (ad607@FreeNet.Carleton.CA) wrote:
>
>
>: In a previous article, siemer@umbc.edu (Mr. Henry Siemer) says:
>
>: >Anyone have the freqs for McDonald's drive-thru window?
>: >
>: >
>: WHY?
>
>: I really don't care if the guy in front of me has ordered 2 Big Mac's...
>
>
>No, but you might find the chat between employees to be interesting, sometimes.

BurgerWorld employee #1: Hey Beavis, I found some of these worms out back...
BurgerWorld employee #2: Cool.. Let's fry them up and serve them to the
customers.
BurgerWorld employee #1: Yeah.. heh heh heh, fried worms are cool heh ha heh

6269. a list of scanner mod references

Newsgroup: rec.radio.scanner
Date: 1994-07-12 22:30:23 UTC
From: ah335@cleveland.Freenet.Edu
Message-ID: <2vv5hv$hgv@usenet.INS.CWRU.Edu>
Source record: 271969

In a previous article, Jerry.Smith@f747.n115.z1.fidonet.org (Jerry Smith) says:
>
>Mods also from various issues from Popular Communications.

Would anyone have a list of references of mods printed in issues of
Monitoring Times or Popular Communications?

Thanks.

6270. Computer-controllable scanners

Newsgroup: rec.radio.scanner
Date: 1994-07-12 23:06:10 UTC
From: dfmayes@gdwest.gd.com
Message-ID: <2vv7l2$4g1@gdwest.gd.com>
Source record: 271970

Does anyone know of a medium-priced scanner with a computer interface (e.g. RS-232)? I know the Icom R-7100 and AR-3000 have them, but they are >$1000.

Thanks.

--

dfmayes@gdwest.gd.com

6271. Re: McDonald's Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-12 23:36:52 UTC
From: johnr@ms.uky.edu
Message-ID: <2vv9ek$rar@s.ms.uky.edu>
Source record: 271972

hughem@netcom.com (Hugh Hemington) writes:

>nick@garlic.com wrote:
>: Mr. Henry Siemer (siemer@umbc.edu) wrote:

>: : Anyone have the freqs for McDonald's drive-thru window?

>: Here's a compilation of Drive Thru's for McDonalds:

>OK... I just gotta ask! What is the attraction of listening to Some
>minimum wage dufus saying "...2 macs, medium coke, chocolate shake,
>fries..."? Am I missing something? Have McDonalds employees developed
>some incredibly intertaining banter? Or is this just idle curiosity?

I have heard that some people have 150 MHz transmiters (modified th78a's)
that can be used on McD's freqs. Why listen to the person's order in front of
you, when you can add to it :-)

Or so I've heard,
John
--
-=+ John S. Roberts KD4UBM Work: (606)257-2900 FAX: 323-1978 NeXTMail +=-
-=+ 104 McVey Hall 0045 Home: (606)272-1417 FAX: 272-7105 DoD# 727 +=-

6272. }}4 Sale{{ Icom R-1

Newsgroup: rec.radio.scanner
Date: 1994-07-12 23:40:58 UTC
From: cntrspy@netcom.com
Message-ID: <cntrspyCsupsB.3t8@netcom.com>
Source record: 271827
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

Icom R-1 Receiver/Scanner forsale

2 Mhz to 1800+ Mhz CONTINUOUS includes CELLULAR coverage

Used as a surveillance receiver and spent most of the time
on the shelf in a van. Used, excellent condition.

Includes:

Protective Case
Alkaline Extended Battery Holder
Receiver/Scanner

They are NOT importing these anymore folks

Price:

$325 Plus Shipping/Insurance, COD Cash is acceptable.

Replys, Inquirys to: cntrspy@netcom.com

--

--

//
Chris Hall
Chief Operating Officer
Executive Protection Associates, Inc.
Worldwide Investigations, Privacy Protection, Off-Shore Banking and
Trust Agents. Second Passport and Economic Citizenship Agents.

Opinions Expressed are those of the author and NOT those of E.P.A.I.
//

6273. HTX 202 for sale or trade

Newsgroup: rec.radio.scanner
Date: 1994-07-12 23:43:22 UTC
From: paulot@cais2.cais.com
Message-ID: <2vv9qq$ccd@sun.cais.com>
Source record: 271971

Got a HTX 202 2 mtr radio along with the following acessories for sale
or trade:
Nicad battery pack
AA batery pack
Batt charger
12V power supply
12V car cord
Mic/Speaker
Radio's manual

I would like to sell the whole package for $200 or trade for a decent
(100 + channels and 800 mhz) scanner.Please send me your responses via
e-mail.
In case of trade,I'll pick up the mailing charges,otherwise u pay...
73's de Paulo
paulot@cais2.cais.com

6274. Space Shuttle Rebroadcast

Newsgroup: rec.radio.scanner
Date: 1994-07-12 23:49:03 UTC
From: steved8419@aol.com
Message-ID: <2vva5f$11f@search01.news.aol.com>
Source record: 271973

Does anyone know what frequency, either exact or where I should search in New York for freqencies being rebroadcasted of the space shuttle, and about what times I should listen. Thanks.

Steve

6275. Re: Bob Grove - Wrong Again?

Newsgroup: rec.radio.scanner
Date: 1994-07-13 00:01:52 UTC
From: an678@FreeNet.Carleton.CA
Message-ID: <Csuqr5.MB1@freenet.carleton.ca>
Source record: 271974

In a previous article, ROSS@NOVAX.LLNL.GOV (Gary Ross) says:

>Whats with Bob Grove? His latest Monitoring Times (overpriced) magazine
>(July) has a full page ad for the 2006 that states "One of the most
>renowned scanners of all time is now being produced without the ability to
>be restored to full coverage. All our current stock is still restorable to
>full coverage. Don't miss this opportunity".
>
>What is he talking about? I have not heard anything about a non-restorable
>2006 as it is being phased out to probably be replaced by the 1000 channel
>PRO-2035 (20-460) that should appear on the shelves in the near future.

Well...I just took my 2006 into the local RS for repair (seems the
oscillator went out)...

Anyway the local RS manager (who is knowledgeable about radio) told me my
2006 is an original (and he seemed impressed)...seems a new version (at
least by what he told me) is coming out, supposedly unmodifiable and to be
identified as a Pro 2006A.

Bob

6276. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-13 00:23:39 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CsurrF.Dx@freenet.carleton.ca>
Source record: 271826

In a previous article, ad607@FreeNet.Carleton.CA (Darrell A. Larose) says:

>
>
>In a previous article, siemer@umbc.edu (Mr. Henry Siemer) says:
>
>>
>>Anyone have the freqs for McDonald's drive-thru window?
>>
>>Thanks
>>
>WHY? Gee did I forget to put in ;-> (GRIN)...

>
>I really don't care if the guy in front of me has ordered 2 Big Mac's...
>
>
>--
>Darrell A. Larose.... ad607@freenet.carleton.ca
> "..Just hitchhiking along the info highway..."
--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

6277. Re: Freq. for Los Angeles area?

Newsgroup: rec.radio.scanner
Date: 1994-07-13 01:41:36 UTC
From: wsmith@huey.csun.edu
Message-ID: <wsmith.19.2E234650@huey.csun.edu>
Source record: 271830

In article <mlang-120794125140@mlang.jpl.nasa.gov> mlang@inst-sun1.jpl.nasa.gov (M Lang) writes:
>From: mlang@inst-sun1.jpl.nasa.gov (M Lang)
>Subject: Freq. for Los Angeles area?
>Date: Tue, 12 Jul 1994 12:51:40 -0800

>IS there an electronic list of frequencies used
>by FD, PD around Los Angeles area? Thanks.

> - Minh -

There are several good paper publications for the Los Angeles area. Technically, a dump of the FCC records (such as the PerCon CD-ROM or the Grove floppy-based database) could be considered an`electronic' list.

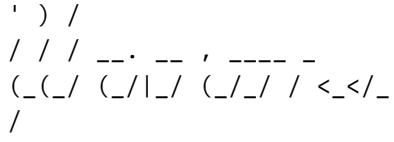
IHMO, all L.A. scanner enthusiasts should come at least once to the West L.A. chapter of the RCMA. It meets on the second Wed. of every month at 7pm at the Acapulco Restaurant by the Santa Monica airport.

IHMO (again), the best available electonic list is on the CPRA (California Public Radio Association) BBS (+1 714 704 7903). An alternate BBS for the CPRA frequency list is the CIA BBS (+1 619 273 6339). The CPRA is really the group that does most of the hard work (and hard work it is) of local coordination of public safety frequencies in the So. Cal. area. CPRA frequency allocations form the basis for most of the information in most of the local paper-based publications, such as the So. Cal. edition of Police Call.

As an interesting aside, I have had several (heated) discussions with Gene Hughes (sic) over whether or not PL's should be published. Gene does not publish them. Interestingly, a new publication, "Police and Fire Communications Handbook" by ArtSci (+1 818 843 4080) does publish PL's. The PL's are useful, primarily because of the amount of interference (and there is a lot of that in L.A.) that is reduced.

Enjoy the hobby (while we still have one),

Wayne
N6LHV
RCMA CA-LA-119



'

6278. Need info on motorola HT-220 Walkie Talkie

Newsgroup: rec.radio.scanner
Date: 1994-07-13 01:53:53 UTC
From: rling@cad3.uccb.ns.ca
Message-ID: <1994Jul12.214827.1@cad3.uccb.ns.ca>
Source record: 271831

Re: motorola Ht-220 walkie talkie

Does anyone know anything about this radio?
What freq's does it use?
How much power output?
How many channels does it have?
I presently have two 2 watt radios on 151.085, and would the ht-202
be compatable?
How much is it worth 2 nd hand?
How old a radio is it?

Any responces, please email me at:

rling@cad.uccb.ns.ca
thanks in advance!
Ron

6279. Mod for FRG-9600 available but going soon

Newsgroup: rec.radio.scanner
Date: 1994-07-13 02:08:17 UTC
From: asirene@ntuvax.ntu.ac.sg
Message-ID: <1994Jul13.100817.1@ntuvax.ntu.ac.sg>
Source record: 271832

Who was looking for the FRG-9600 interface and mods? E-mail me if interested. I am about to delete the uu-file away.

6280. Re: Computer-controllable scanners

Newsgroup: rec.radio.scanner
Date: 1994-07-13 02:30:14 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-120794172159@m12117.esl.com>
Source record: 271833

In article <2vv7l2$4g1@gdwest.gd.com>, dfmayes@gdwest.gd.com (David F Mayes) wrote:

> Does anyone know of a medium-priced scanner with a computer inter-
> face (e.g. RS-232)? I know the Icom R-7100 and AR-3000 have them,
> but they are >$1000.
>
> Thanks.
>
> --
>
> dfmayes@gdwest.gd.com

There is the Radio Shack PRO-2006 with the OptoElectronics, OS-456, interface add-on for around $750 total. I just received my OS-456 yesterday (Monday) and it gives me a lot of features that are not included in ANY other radio without expensive add-ons. Such as CTCSS and DCS squelch control and DTMF decoding. RS-232 serial, and a CI-V input for connecting icom radios to the same interface. (You still need an external CI-V interface to the computer.) Unfortunately you lose the carrier detect feature if you go with CI-V, and that slows down the SoftWare. Plus unattended Search and store with virtually unlimited storage capabilities and unlimited banks and channels in any configuration you want, but those are standard fair with any computer controlled radio.

The only problem with this setup is that you don't look at your radio anymore, you stare at the computer screen. This takes scanning out of the realm of radios, and into that of computers that can receive radio signals. The software becomes everything, and the current state of the art in scanning control S/W is still fairly primitive. Read not very good. The new Opto 456 adds a whole slew of new features in one integrated package, so A LOT of work is needed for the S/W to catch up. The current S/W is modified from existing radio control programs that don't have the features that the OS456 provides, but they are working on it. Almost everything in the 2006 is controllable via S/W now, except the volume control. The speaker can even be turned on and off by the S/W. This leads to all sorts of possibilities, if there were S/W that supported all of these features completely.

I'll post more info on this subject as I use, and learn more about, my new toy.

PRO-2006 $369 US from Grove, there are cheaper places to buy from.
OS-456 $299 US from OptoElectronics.

S/W ~$ 80 US from any of several software dealers like Scanstar.
Total $748 Plus any taxes and shipping charges.

A little more than medium priced but an unprecidented value.

Good listening
MAD

The opinions expressed here are | Covering 100KHz to 2GHz contiguous.
my own but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

6281. Freq Doubler

Newsgroup: rec.radio.scanner
Date: 1994-07-13 02:35:50 UTC
From: ddetardo@freenet3.scri.fsu.edu
Message-ID: <2vvju6$kn5@freenet3.scri.fsu.edu>
Source record: 271834

Does anyone know if frequency doubler/or reducers are still available
to allow 400mhz scanner to receive 800mhz? If so where and how much?
Are they any good?

6282. Re: Exactly where are cellular frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-13 03:37:14 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <2vvnhb$i5q@umcc.umcc.umich.edu>
Source record: 271835

In article <nbschee.293.0013563C@mailserv.nbnet.nb.ca>,
Silas E. Cheeseman <nbschee@mailserv.nbnet.nb.ca> wrote:
>In article <2vtvtt$4ok@mhaal.inhouse.compuserve.com> w.mccall@csi.compuserve.com writes:
>>From: w.mccall@csi.compuserve.com
>>Subject: Exactly where are cellular frequencies
>>Date: 12 Jul 1994 11:48:13 GMT
>
>Cellular frequencies are 870 to 890 MHz.

I'm sure you meant to say that the outputs are from 869.040 - 893.970MHz
(30kHz spacing), with the inputs 45MHz down.

>From: nbschee@mailserv.nbnet.nb.ca
> Silas E. Cheeseman
> Saint John, NB, Canada
> (506) 674-1321 Computer/FAX
>
> "He will wipe away all the tears from their eyes"

I'm sure all the people in Rwanda, Haiti, Somalia, Bosnia, etc. will
all feel better knowing that.
>
> - Revelation 21:4

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI
48197 If you must drink & drive, please wear a condom.

6283. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-13 04:16:16 UTC
From: stessej@iia.org
Message-ID: <2vvpqg$ph6@ankh.iia.org>
Source record: 271837

Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) wrote:
: -=> Quoting Darrell A. Larose to All <=-

: DAL> From: ad607@FreeNet.Carleton.CA (Darrell A. Larose)
: DAL> Reply-To: ad607@FreeNet.Carleton.CA (Darrell A. Larose)
: DAL>
: DAL> In a previous article, siemer@umbc.edu (Mr. Henry Siemer) says:
: >Anyone have the freqs for McDonald's drive-thru window?
: >
: >Thanks
: >
: DAL> WHY?
: DAL>
: DAL> I really don't care if the guy in front of me has ordered 2 Big
: DAL> Mac's...

: Darrell...don't knock it unless you've tried it. :) It's not the
: ordering that makes it exciting, it's all of the carrying on behind the
: scenes. Yes, you can catch the latest sexual exploits of the teenage
: woman working there. Or, find out if your order was dropped. (Someone
: relayed a story here about that a couple of months ago.)
: The radios they have to communicate with the board also doubles as an
: intercom system with other employees. This is where the fun is. <g>

A friend of mine and I have come up with an idea that would put these freqs to good use. We're going to take my portable scanner, and hook one of those car portable CD converters(You know, the cassette tapes that have a headphone wire comming out for an input device) up to it. Then, when we get to the drive thru intercom, we're going to set the scanner to the right freq, and blast the stereo. That way it should(in theory) create a big amount of feedback to the person taking the orders(something they usually give to the customers). It'll also be funny just to blast the orders while sitting in the parking lot. So much for privacy.

We're going to try both of these things tomorrow. Anyone want to speculate on what'll happen????

--
T / / / / \ \ |stessej@iia.org| -----[Jay Stess#####]
R / /___ / /___ \ \ ----------------- / |%%%%%\[Of New Jersey]
S /_____/ /_____/ \ ____ ____ | |%%%%%%\[Hockey Playr]
0 0 0 0 0 0 0 0 _____\ <____> | |%%%%%%%\[6/5/94sig##]

6284. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-13 05:44:24 UTC
From: adam@rangr.stat.com
Message-ID: <PoXDPc1w165w@rangr.stat.com>
Source record: 271697

jackson@longlast.cs.nyu.edu (Steven Jackson) writes:

> |> > We're going to try both of these things tomorrow. Anyone want to
> |> >speculate on what'll happen????
> |>
> |>
> |> Umm....that the FCC will probably fine you for
> |> an out-of-band transmission, and McDonalds can sue your ass
> |> for transmitting on their frequencies?
> |> Oh, yeah, dont' forget about txing on McD freqs with
> |> a non-type-accepted radio.
>
> It didn't seem so stupid when I did it as it does in print.
>
Well, this was going pretty good until I read the part about
getting sued by McDonalds!What color is the sky in your world?
McDonalds does not have exclusive right to any of its freqs.!
An since a lawsuit is a civil action I sincerly doubt that
reference to a federal regulatory rule violation is going to
go very far.Nice try!
> problem in my car. I pulled up, blasted it and the feedback
> was actually pretty funny to listen to.
>
> The order taker screamed on the private channel "WHAT IS THAT
> NOISE??!!!" The only "tx'ing" going on is in the human audible
> range, and that is NOT RF. An unmodded scanner does not
> transmit (except for leakage of course and that's hardly
> lawsuit material).
>
> In fact, their microphone is sucking in your personal audio
> from your car, causing problems for themselves. What they
> do with the audible sound coming from my car is their business..
> they own and are operating the transmitter.
> --
> Steven Jackson, Assistant to the Chair of Computer Science
> Courant Institute of Mathematical Sciences, New York University
> 251 Mercer Street, NY NY 10012
>
> Work <-- (forwarded) Home
> jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

---
internet: adam@rangr.stat.com

6285. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-13 05:45:43 UTC
From: hoagy@umcc.umcc.umich.edu
Message-ID: <2vvv27$lub@umcc.umcc.umich.edu>
Source record: 271838

stessej@iia.org (Jay) did contribute said ASCII:
>
> A friend of mine and I have come up with an idea that would put these
>freqs to good use. We're going to take my portable scanner, and hook one
>of those car portable CD converters(You know, the cassette tapes that
>have a headphone wire comming out for an input device) up to it. Then,
>when we get to the drive thru intercom, we're going to set the scanner to
>the right freq, and blast the stereo. That way it should(in theory)
>create a big amount of feedback to the person taking the orders(something
>they usually give to the customers). It'll also be funny just to blast
>the orders while sitting in the parking lot. So much for privacy.
>
> We're going to try both of these things tomorrow. Anyone want to
>speculate on what'll happen????

Umm....that the FCC will probably fine you for
an out-of-band transmission, and McDonalds can sue your ass
for transmitting on their frequencies?
Oh, yeah, dont' forget about txing on McD freqs with
a non-type-accepted radio.
--
.....
Matt Rupert - 2984 Pheasant Run Dr. Apt D - Jackson MI 49202 - hoagy@ais.org
Personal Security / UNIX Enthusiast / Amatuer Radio - KB8SGL
Which is worse: ignorance or apathy? Who knows? Who cares?

6286. Re: Nuts & Volts mag

Newsgroup: rec.radio.scanner
Date: 1994-07-13 07:52:23 UTC
From: gcracker@netcom.com
Message-ID: <gcrackerCsvCJC.HDJ@netcom.com>
Source record: 271839
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

Is the Nuts & Volts mag worth the subscription price?

gcracker@netcom.com

6287. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-13 08:04:46 UTC
From: jdwhite@iastate.edu
Message-ID: <30076u$6cs@news.iastate.edu>
Source record: 271840

In article <2vvv27$lub@umcc.umcc.umich.edu>,

>stessej@iia.org (Jay) said:
>>when we get to the drive thru intercom, we're going to set the scanner to
^^^^^^^^^^^^^^^
>>the right freq, and blast the stereo. That way it should(in theory)
^^^^^^^^^^^^^^^^
>>create a big amount of feedback to the person taking the orders(something
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>>they usually give to the customers). It'll also be funny just to blast
>>the orders while sitting in the parking lot. So much for privacy.
>>
>> We're going to try both of these things tomorrow. Anyone want to
>>speculate on what'll happen????

>Matthew Rupert <hoagy@umcc.umcc.umich.edu> said:
> Umm....that the FCC will probably fine you for
>an out-of-band transmission, and McDonalds can sue your ass
^^^^^^^^^^^^^^^^^^^^^^^
>for transmitting on their frequencies?
^^^^^^^^^^^^
> Oh, yeah, dont' forget about txing on McD freqs with
^^^^^
>a non-type-accepted radio.
^^^^^^^^^^^^^^^^^^^^^^

Feedback == transmitting???

I think not. It'll just annoy the hell out of everyone wearing headsets in
the store and yes, it will work.

--
Jason D. White Durham Center Operations Staff
jdwhite@iastate.edu Repeater Chairman, Cyclone Amateur Radio Club
Iowa State University Packet: n0rwu @ ki0q.#cia.ia.usa.na
Ames, Iowa

6288. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-13 08:35:20 UTC
From: jdwhite@iastate.edu
Message-ID: <300908$6me@news.iastate.edu>
Source record: 271841

In article <773873213@f747.n115.z1>,
Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> wrote:
> -=> Quoting Darrell A. Larose to All <=-
>
> DAL> From: ad607@FreeNet.Carleton.CA (Darrell A. Larose)
> DAL> Reply-To: ad607@FreeNet.Carleton.CA (Darrell A. Larose)
> DAL>
> DAL> In a previous article, siemer@umbc.edu (Mr. Henry Siemer) says:
> >Anyone have the freqs for McDonald's drive-thru window?
> >
> >Thanks
> >
> DAL> WHY?
> DAL>
> DAL> I really don't care if the guy in front of me has ordered 2 Big
> DAL> Mac's...
>
> Darrell...don't knock it unless you've tried it. :) It's not the
>ordering that makes it exciting, it's all of the carrying on behind the
>scenes. Yes, you can catch the latest sexual exploits of the teenage
>woman working there. Or, find out if your order was dropped. (Someone
>relayed a story here about that a couple of months ago.)
> The radios they have to communicate with the board also doubles as an
>intercom system with other employees. This is where the fun is. <g>
^^^^^^^^^^^^^^^^^^^^^^^^^

Indeed. Take this fine example:

A friend of mine (we'll call him "Bob") and I went drove through this McDonalds that he used to work at and were listening to the in-house chat frequency for this particular store. While were waiting to order we heard a couple of the managers (one male, one female) joking around with each and the male manager mentioned that he thought the female manager had nice breasts. We got a good laugh out of that one, especially since we knew the male manager was married. :)

I was driving, but when it came time to order, Bob leaned over and ordered a strawberry shake in a rather raspy fake voice. We were told to "pull ahead", so we did. There were a couple cars ahead of us and as we were waiting we heard the following:

MM==Male manager
FM==Female manager

MM> "Was that Bob?"
FM> "Ya, I think so. What did he order?"

MM> "A strawberry shake. Should I spit in it?"

When we got up to the window, the male manager handed me the shake. I took it, looked at it suspiciously and said "You didn't spit in this, did you?" Talk about taken by surprise! 8D He replied "No." in a kind of slow, surprised voice. Bob and I laughed to ourselves while the manager was making change. When he handed me my change and said "Thanks." I replied: "Oh, by the way: I think she's got nice breasts too." He replied with a rather odd, and confused look on his face "Oh, ya' do, huh?"; we drove off. I doubt he made any further comments for at least the rest of the evening. :)

Another time a friend of mine and I drove through a McDonalds while I was monitoring their in-house chat frequency with my W2A. We ordered, received change, and pulled forward to wait. The person taking the money at the Drive-Thru window must have noticed my handheld and assumed (good assumption) I was monitoring them becayuse after a couple minutes he said "You guys will have to move up further." Needless to say we were amused.

-Jason

--
Jason D. White Durham Center Operations Staff
jdwhite@iastate.edu Repeater Chairman, Cyclone Amateur Radio Club
Iowa State University Packet: n0rwu @ ki0q.#cia.ia.usa.na
Ames, Iowa

6289. Re: Freq. for Los Angeles area?

Newsgroup: rec.radio.scanner
Date: 1994-07-13 08:59:24 UTC
From: shawn7@rain.org
Message-ID: <300adc$koo@rain.org>
Source record: 271842

I think that the question is, "are there any areas of the frequency
spectrum NOT used in l.a.?"

I have an OLD (1980) copy of Police Call, southern california, a detailed
edition
by Gene Hughes
published by:
California Radio Communications Co.
p.o. box 35102
los angeles, ca 90035
again this address is 1980 so...

take care
shawn miner
shawn7@rain.org

M Lang (mlang@inst-sun1.jpl.nasa.gov) wrote:
> IS there an electronic list of frequencies used
> by FD, PD around Los Angeles area? Thanks.

> - Minh -
--
"You must earn the Freedom to 'choose Peace'"
shawn a. miner

6290. test please ignore

Newsgroup: rec.radio.scanner
Date: 1994-07-13 09:53:34 UTC
From: jason.al-shawy@ectech.com
Message-ID: <940713165924504@ectech.com>
Source record: 271870

```
-> just wanted to see if this would work.
->

Okay.
```

6291. Re: Second Cell Phone

Newsgroup: rec.radio.scanner
Date: 1994-07-13 09:58:26 UTC
From: davidm@iglou.com
Message-ID: <2hx8kK7gXzlL068yn@iglou.com>
Source record: 271843

In article <3JV0oc1w165w@mindvox.phantom.com>,
dayglo@mindvox.phantom.com (dayglo) wrote:
> It is against carrier policy to do this and with somewhat good reason. Mor
> on that later. It is not ILLEGAL. This is probbably the best thing a couple
> could do if all that they have their phones for is safety. If you expect to
> receive zillions of calls then I recommend paying for a second phone.
>
> The reason why the carriers don't like it is because if one phone is roaming
> and they are both on, where does the call get routed? It usually gets dropped.

The real reason that the cellular companies don't like to put two phones on the same number is because then they can't charge you for two contracts, two startup fees, and two monthly base fees. The lines they give out like "this policy is for your protection" or "we have trouble routing the call to two phones" is pure, 100%, undiluted bullcrap. When ever I hear those two lines it makes me laugh almost as much as when I hear them say "cellular calls cannot be monitored in the United States."

I stay with the cellular carrier that I use mainly because when I bought my phone, and then asked about a second phone on the same number, the salesman had enough balls to tell me the REAL reason they didn't want to do it.

David
davidm@iglou.com

6292. Re: Space Shuttle Rebroadcast

Newsgroup: rec.radio.scanner
Date: 1994-07-13 11:29:12 UTC
From: g4430f18@g4430f18.esr.hp.com
Message-ID: <300j68$ppu@a4430ux.esr.hp.com>
Source record: 271844

In article <2vva5f$11f@search01.news.aol.com>, steved8419@aol.com (SteveD8419) writes:
|> Does anyone know what frequency, either exact or where I should search in
|> New York for freqencies being rebroadcasted of the space shuttle, and
|> about what times I should listen. Thanks.
|>
|> Steve

I've been picking up at 147.450 in the Washington D.C. are.
In New York, you might want to try around 146.820.
I got these off of a frequency list that someone posted
back in April.

--

Byron Holston (email: byronh@a4430ux.esr.hp.com)
Hewlett Packard Company
"One of these things is not like the others!"

6293. Re: 3 Pro 43 non A's left in Goleta

Newsgroup: rec.radio.scanner
Date: 1994-07-13 13:04:40 UTC
From: tfoecke@nist.gov
Message-ID: <9407130904.AA40008@steel.nist.gov>
Source record: 271845
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> The Radio Shack in Goleta, California has 3 non A, modifiable Pro 43's
> left in stock as of this afternoon.
>

What is the change in the model/FCC/serial number that indicates a 43-A?

6294. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-13 13:22:04 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.377.000D5E94@ccm.hf.intel.com>
Source record: 271864

In article <773865208@f747.n115.z1> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
writes:

>anyone that I know of. No word on a replacement for this unit as of yet
>from Uniden.

The BC8500 will be replaced by the BC9000 and the BC2500 will be replaced by
the BC3000. I think these units are due out later this year.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6295. Re: What is the FCC Radio Service Code "IV"??

Newsgroup: rec.radio.scanner
Date: 1994-07-13 13:49:04 UTC
From: steven@sgb.oau.org
Message-ID: <Csvt1v.EF1@sgb.oau.org>
Source record: 271786

Lee Reynolds (lee@tosspot.sv.com) wrote:
: Found "IV" showing up as data in the RSC field - seems to be something
: to do with video.

: Anyone know what the FCC describes this service code as??

A -guess- is Interactive Video?

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6296. Satellite Audio?????

Newsgroup: rec.radio.scanner
Date: 1994-07-13 14:21:00 UTC
From: jason.al-shawy@ectech.com
Message-ID: <940713223256505@ectech.com>
Source record: 271782

I was wondering since one can pickup TV audio on a scanner; can one pickup satellite audio frequency for EX. HBO, MTV, ETC. Bare with me folks, I'm some what a novice at this. I'm thinking, if the scanner was in the frequency range, you would need an amplifier similar to ones in the middle of the satellite dish. Thanks..
---
* QMPro 1.52 * Antonym: That opposite word you're thinking of

6297. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-13 15:03:29 UTC
From: mpage@netcom.com
Message-ID: <mpageCsvwHu.JGH@netcom.com>
Source record: 271847

Media 2K (media2k@aol.com) wrote:
: Does anyone know if such a scanner exists that has an alpha-numeric
: display that allows one to enter text to be displayed along with
: the frequency?

The one scanner that all of you have forgotten is the Kenwood RZ-1. It is 100 channel;500-1300 mhz;10 banks; and has alpha-numberic display. It is not as fast as some of the newer scanners but it is triple conversion and really reliable for either base or mobile. I have had 2 of them going for over 5 yrs (24 hrs a day) and has just had them both checked and some bulbs changed for about $50/ each. They are usually found in HAM radio stores and I have neer been able to find any used ones for sale. If anyone has one for sale, let me know.
--
==========
Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
MEDIA PAGE
Internet: mpage@netcom.com Breaking Stories to the
CIS: 71674,1610 News Media since 1978
==========

6298. Hillsboro Airshow

Newsgroup: rec.radio.scanner
Date: 1994-07-13 15:10:29 UTC
From: mjohnson@wv.mentorg.com
Message-ID: <301055$cef@hpcan240.mentorg.com>
Source record: 271860

I'm looking for frequencies that will be in use during the
Hillsboro, Oregon airshow this coming weekend.

The headline act is the Air Force Thunderbirds. Anyone
scanned them recently at another airshow?

Also, there will be various miliary fly-bys. I think I have
Hillsboro tower civilian and military frequencies, but approach
and departure are handled by Portland, OR, international airport (PDX).
Which civilian and military frequencies of PDX are used for
Hillsboro approach/departure, since PDX has several sets?

As a last question, I can hear the Oregon Air National Guard F15s
talking to PDX approach/tower occasionally,and once in awhile talking
to Portland Airbase, but what frequencies do they use for plane to plane?

Please reply via e-mail.

Thanks!

Regards, Mark.

--
Mark A. Johnson -- Mentor Graphics Corp.
mark_johnson@mentorg.com 8005 S.W. Boeckman Road
(503)685-1321 Wilsonville, OR 97070-7777

6299. 2006A Mod

Newsgroup: rec.radio.scanner
Date: 1994-07-13 15:24:16 UTC
From: mhandley@bga.com
Message-ID: <3010v0$aa3@edwin.bga.com>
Source record: 271846

Can anybody figure this out? A recently modified 2006A can now get cellular frequencies. Even after using the reset button on the back panel it will not step at 30kHz. It will step at 5, 12.5 and 50 kHz just fine but can't be made to step 30kHz. Any suggestions?

6300. Re: Freq Doubler

Newsgroup: rec.radio.scanner
Date: 1994-07-13 16:08:54 UTC
From: rfhamilton@VNET.IBM.COM
Message-ID: <19940713.092148.693@almaden.ibm.com>
Source record: 271853

In <2vvju6$kn5@freenet3.scri.fsu.edu> Douglas DeTardo writes:
>Does anyone know if frequency doubler/or reducers are still available
>to allow 400mhz scanner to receive 800mhz? If so where and how much?
>Are they any good?
>

I bought a GRE Super Converter thru Grove Enterprises for about $90. It is powered by a 9 volt battery or an ac adapter. When turned on, it converts what you program in your scanner up 400 mhz. The only drawback is that the cell band has a frequency spacing of 30 khz and the converter doesn't have any affect on the frequency stepping of your scanner. If you have a scanner the allows you to pick the step rate, you could select a 5 khz step to allow getting all of the cellular freqs.

Bob Hamilton (rfhamilton@vnet.ibm.com)

6301. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-13 16:21:32 UTC
From: shawnlg@netcom.com
Message-ID: <shawnlgCsw03w.J4z@netcom.com>
Source record: 271849

>Nothing beats the cops / fire / ambulance. If you just gotta monitor
>phone calls, I say it's easier and better to listen to the cordless
>(46 MHz) ones.

Sometimes in small towns, there isn't much going on on the police/fire
bands. Also, in some areas, police use cellulars. You can hear them
call the families of the kids they pick up, etc.
--
Shawn Gordhamer
shawnlg@netcom.com
Rochester, Minnesota USA

6302. Re: McDonald's Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-13 16:22:56 UTC
From: wps@ElSegundoCA.NCR.COM
Message-ID: <6404@tdbunews.teradata.COM>
Source record: 271856

I looked up the request by using:
telnet tcomeng.com (at login: enter fcc)
Here are a few stores listed. I guess 154.600 is the freq that
they use.

154.6000 KB91338 IB MCDONALD REST Exp: 04/21/1997
81-544 HWY 111 - INDIO CA 922010000 Elev:
MO - CA HAAT:
20K0F3E Lat/Long: 000000/0000000 AZI: 000000 POL: GAIN: 0000

154.6000 KB90494 IB MCDONALDS Exp: 04/08/1997
18753 SHERMAN WAY - RESEDA CA 913350000 Elev:
MO - CA HAAT:
20K0F3E Lat/Long: 000000/0000000 AZI: 000000 POL: GAIN: 0000

154.6000 KB66983 IB MCDONALDS Exp: 11/29/1994
2561 HAVENCREST DR - FALLBROOK CA 92028 Elev:
MO - CA HAAT:
20K0F3E Lat/Long: 000000/0000000 AZI: 000000 POL: GAIN: 0000

154.6000 KB73944 IB MCDONALDS Exp: 09/04/1995
27013 LANGSIDE AVE STE F - CANYON COUNTRY CA 91351 Elev:
MO - CA HAAT:
20K0F3E Lat/Long: 000000/0000000 AZI: 000000 POL: GAIN: 0000

+---+
| Bill Starkgraf wps@ElSegundoCA.ncr.com |
| AT&T Global Information Solutions (310) 524-5754 |
| El Segundo, CA (800) 222-8372 x5754 |
| |
| Call: KD6UQB Simi Settlers ARC |
| Simi Valley, CA |
+---+

6303. Uniden repair time

Newsgroup: rec.radio.scanner
Date: 1994-07-13 16:26:34 UTC
From: geiste@hsi.com
Message-ID: <Csw0CB.LIy@hsi.com>
Source record: 271848

I just sent my BC70xlt to Uniden for repair. Does anyone know how long
it typically takes before I can expect it back?

Thanks

--
Doug Geiste
3M Health Information Systems geiste@hsi.com
Wallingford, Connecticut USA

6304. Re: Exactly where are cellular frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-13 16:48:27 UTC
From: shawnlg@netcom.com
Message-ID: <shawnlgCsw1Cr.Lny@netcom.com>
Source record: 271850

> I'm sure you meant to say that the outputs are from 869.040 - 893.970MHz
>(30kHz spacing), with the inputs 45MHz down.

Are the cellular data/paging frequencies constant? If I put in only the
active frequencies in my scanner and left out the data ones, would this
work indefinately (at least until more frequencies were used)?
--
Shawn Gordhamer
shawnlg@netcom.com
Rochester, Minnesota USA

6305. Re: 2006A Mod

Newsgroup: rec.radio.scanner
Date: 1994-07-13 16:48:37 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-130794084633@m12117.esl.com>
Source record: 271851

In article <3010v0$aa3@edwin.bga.com>, mhandley@bga.com
(Merlin Handley) wrote:

>
> Can anybody figure this out? A recently modified 2006A can now get
> cellular frequencies. Even after using the reset button on the back
> panel it will not step at 30kHz. It will step at 5, 12.5 and 50 kHz just
> fine but can't be made to step 30kHz. Any suggestions?

Did you try the front panel reset button, that should put it into the
default step size, which if the radio is still restored is 30KHz.
If the diode is re-connected after you program in those freqs, the
30KHz step size will no longer be available but the freq was already
entered so it is still valid. Try seperating the clipped ends of the
diode, they are probably connected because they weren't seperated enough.

MAD

The opinions expressed here are | Covering 100KHz to 2GHz contiguous.
my own but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

6306. bus freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-13 17:04:35 UTC
From: voltaire@maple.circa.ufl.edu
Message-ID: <3016r3INN1gv@no-names.nerdc.ufl.edu>
Source record: 271857

Does anyone happen to know the frequencies of the Gainesville, FL regional transit system? I'd like to listen in, but I concede that the frequencies for that area might be a little obscure. Does anybody know then any frequencies for buses in general? I know that police freqs for instance tend to cluster around several places, and perhaps bus freqs do too. If you know of any bus freqs, please send them to me or post them here. Thanks in advance!

Voltaire

6307. Re: 2006A Mod

Newsgroup: rec.radio.scanner
Date: 1994-07-13 18:06:10 UTC
From: magnet@nRCHs022
Message-ID: <301aei$gpu@corpgate.rich.nt.com>
Source record: 271854

Merlin Handley (mhandley@bga.com) wrote:

|Can anybody figure this out? A recently modified 2006A can now get
|cellular frequencies. Even after using the reset button on the back
|panel it will not step at 30kHz. It will step at 5, 12.5 and 50 kHz just
|fine but can't be made to step 30kHz. Any suggestions?

ARE YOU SURE?!

The GRE has it's own ideas about WHEN it starts the 30KHz spacing. Watch
carefully, The radio will start to step properly above 870, but you will
not see the "step" indicator change.

--
brad.glidewell@nt.com
P.C. Definition of Ugly:
Physicaly ill-favored

6308. Re: 2006A Mod

Newsgroup: rec.radio.scanner
Date: 1994-07-13 18:41:34 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jul13.134134.2626@hnrc.tufts.edu>
Source record: 271852

In article <3010v0$aa3@edwin.bga.com>, mhandley@bga.com (Merlin Handley) writes:
> Can anybody figure this out? A recently modified 2006A can now get
> cellular frequencies. Even after using the reset button on the back
> panel it will not step at 30kHz. It will step at 5, 12.5 and 50 kHz just
> fine but can't be made to step 30kHz. Any suggestions?

Use 5? Bet it's gonna stop scanning off-frequency, though. Bummer.

6309. Any South Dakota FCC data online?

Newsgroup: rec.radio.scanner
Date: 1994-07-13 18:46:35 UTC
From: bodoh@dgg.cr.usgs.gov
Message-ID: <1994Jul13.184635.15370@rsg1.er.usgs.gov>
Source record: 271859

I've seen California FCC databases on the internet, but has anyone offered
South Dakota (and other states) for free access? Yes, I am aware of the
various CD-ROM's and search services.

--
++
+ Tom Bodoh - Section Manager, Systems Engineering and Management, Hughes STX +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66) Amateur radio call; N0YGT +
+ "Welcome back my friends to the show that never ends!" EL&P +
++

6310. Re: Exactly where are cellular frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-13 18:51:50 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Jul13.185150.26009@news.csuohio.edu>
Source record: 271858

shawnlg@netcom.com (Shawn Gordhamer) writes:
: > I'm sure you meant to say that the outputs are from 869.040 - 893.970MHz
: >(30kHz spacing), with the inputs 45MHz down.
:
: Are the cellular data/paging frequencies constant? If I put in only the
: active frequencies in my scanner and left out the data ones, would this
: work indefinately (at least until more frequencies were used)?
: --
: Shawn Gordhamer
: shawnlg@netcom.com
: Rochester, Minnesota USA

The data frequencies are not constant. I heard (and listening
seems to confirm) that they do jump around, to even out the
wear on the equipment, perhaps since a data channel is constantly
transmitting where all the others are intermittent. I have heard
where the data channels change frequency about twice a day, and
keep rotating.

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^v^

6311. Re: Public Safety Trunking - why use it?

Newsgroup: rec.radio.scanner
Date: 1994-07-13 18:58:52 UTC
From: <>
Message-ID: <301dhc$3eg@wizard.uark.edu>
Source record: 271863

monty@pipeline.com (Bryan Montgomery) writes:

<...>

>and how often people actually speak. In the fire dept, the
>radios are programmed with 4 specific fire channels and 1 town
>frequency. I know that both the EMS and the Police have at
>least 2 frequencies each, then there is the water dept, dpw,

Try to think of them as talkgroups or modes as the suppliers call them.
There is not a frequency assigned to each service, but a "virtual" or "soft
channel.

When the excrement impacts the ventilation system, the departments will
be surprised to find that only four conversations can go on at once!
(assuming 4 voice/1 data pairs)

<...>

>These systems also have the capability of being re-programmed
>on the fly so that water can communicate directly with fire

Does your department actually do this? Cool. None of the trunk systems
I have monitored have done this. They usually wimp out and have a common
group for all services.

<...>

>Finally, as far as encryption is conceerned, I can see why the
>police would prefer it. Why should you know where a speed trap
>is? Why should someone attempting to burgal a building know

Criminals of this type are usually too stupid to use a scanner. That's
why their criminals.

>that the police are being dispatched? Why should you know the
>personal details of J Doe who has been stopped by the cops? I
>know from experience that the English Police think very highly
>of encryption as a tool in the fight on crime.

>Just my opinion - Bryan.
^^^^^^^^^^

Mine is, that as a taxpayer, I have the right to listen to what my
employees are doing. If the cops have something so sensitive that they
don't want anyone to hear, they can use the (relatively secure) landline.

Peter Laws <plaws@comp.uark.edu> |"Let's make sure history never forgets the
n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise" ST:TNG - 1987-1994

6312. Re: Nuts & Volts mag

Newsgroup: rec.radio.scanner
Date: 1994-07-13 19:30:31 UTC
From: hawley@aries.scs.uiuc.edu
Message-ID: <hawley.774127831@aries>
Source record: 271862
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

gcracker@netcom.com writes:

>Is the Nuts & Volts mag worth the subscription price?

YES!

Chuck Hawley, KE9UW in Urbana, Illinois
hawley@aries.scs.uiuc.edu
School of Chemical Sciences, Electronic Services
University of Illinois, Urbana-Champaign

6313. FREQS: San Jose CA

Newsgroup: rec.radio.scanner
Date: 1994-07-13 19:38:17 UTC
From: rjgrocho@aud.alcatel.com
Message-ID: <301fr9$55o@fozzy.aud.alcatel.com>
Source record: 271865

Traveling to San Jose California soon. Anything interesting to listen to while there? I'm prepared to listen to a range of "DC to Light" ... but there's no sense taking twenty pounds of hardware if there's nothing worth listening to! Any suggestions appreciated.

Robert

6314. Mac connection to PRO-39 ?

Newsgroup: rec.radio.scanner
Date: 1994-07-13 20:14:34 UTC
From: david@roth-music.com
Message-ID: <0105009A.4jdap1@david.roth-music.com>
Source record: 271861

Although I don't see any kind of port on the PRO-39, I was wondering
if there is any way to connect a computer to this thing to program
it, like for uploads and downloads?

David

6315. Re: M-400 Multimode Decoder Output to Computer

Newsgroup: rec.radio.scanner
Date: 1994-07-13 20:32:45 UTC
From: joe@netcom.com
Message-ID: <joeCswBqL.JLp@netcom.com>
Source record: 271866

The M400 is a great decoder for lots of digital formats and the
price is reasonable. My problem is the NO UPGRADE policy for the M400!!
If you are talking to Universal, or your favorite dealer, bitch about
the lack of upgrades. The reason why I am upset is my M400 will decode
512bps POCSAG but not the newer 1200 and 2400 POCSAG and will not upgrade...

--Joe

--

Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046

6316. 2006A Mod "OOPS"

Newsgroup: rec.radio.scanner
Date: 1994-07-13 20:35:33 UTC
From: mhandley@bga.com
Message-ID: <301j6l$s6u@giga.bga.com>
Source record: 271855

I hate to admit this, but the restart button on the back was being pushed and not the reset button on the front. R.T.F.D. Thanks for all the help.

6317. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-13 21:09:41 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <301l6l$6tj@thecourier.cims.nyu.edu>
Source record: 271872

In article <2vvv27$lub@umcc.umcc.umich.edu>, hoagy@umcc.umcc.umich.edu (Matthew Rupert) writes:
|> stessej@iia.org (Jay) did contribute said ASCII:
|> >
|> > A friend of mine and I have come up with an idea that would put these
|> >freqs to good use. We're going to take my portable scanner, and hook one
|> >of those car portable CD converters(You know, the cassette tapes that
|> >have a headphone wire comming out for an input device) up to it. Then,
|> >when we get to the drive thru intercom, we're going to set the scanner to
|> >the right freq, and blast the stereo. That way it should(in theory)
|> >create a big amount of feedback to the person taking the orders(something
|> >they usually give to the customers). It'll also be funny just to blast
|> >the orders while sitting in the parking lot. So much for privacy.
|> >
|> > We're going to try both of these things tomorrow. Anyone want to
|> >speculate on what'll happen????
|>
|>
|> Umm....that the FCC will probably fine you for
|> an out-of-band transmission, and McDonalds can sue your ass
|> for transmitting on their frequencies?
|> Oh, yeah, dont' forget about txing on McD freqs with
|> a non-type-accepted radio.

It didn't seem so stupid when I did it as it does in print.

I have a loudspeaker mounted at my feet, so audio is no
problem in my car. I pulled up, blasted it and the feedback
was actually pretty funny to listen to.

The order taker screamed on the private channel "WHAT IS THAT
NOISE??!!!" The only "tx'ing" going on is in the human audible
range, and that is NOT RF. An unmodded scanner does not
transmit (except for leakage of course and that's hardly
lawsuit material).

In fact, their microphone is sucking in your personal audio
from your car, causing problems for themselves. What they
do with the audible sound coming from my car is their business..
they own and are operating the transmitter.
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

6318. Freqs. for Mid Ohio Race Track wanted

Newsgroup: rec.radio.scanner
Date: 1994-07-13 21:31:13 UTC
From: petef@xetron.com
Message-ID: <CswEG2.97M@xetron.com>
Source record: 271873

Does anyone know what the corner workers or other officials use at the Mid Ohio Race Track? I will be up there this weekend for the Motorcycle Race and would like to listen in. Thanks.

Disclaimer: The views expressed are my own.

6319. Re: Looking for PRO-2032 Mods

Newsgroup: rec.radio.scanner
Date: 1994-07-13 22:01:01 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <774156509@f747.n115.z1>
Source record: 271780

-=> Quoting Jim Kurdzo to All <=-

JK> I know this came up recently, but I missed it. Please tell me where I
JK> can find mods for the PRO-2032.
JK>

Product...Realistic PRO-2032 by Radio Shack
Purpose...Modify for continuous 800 Mhz coverage
in appropriate 30 Khz steps where applicable

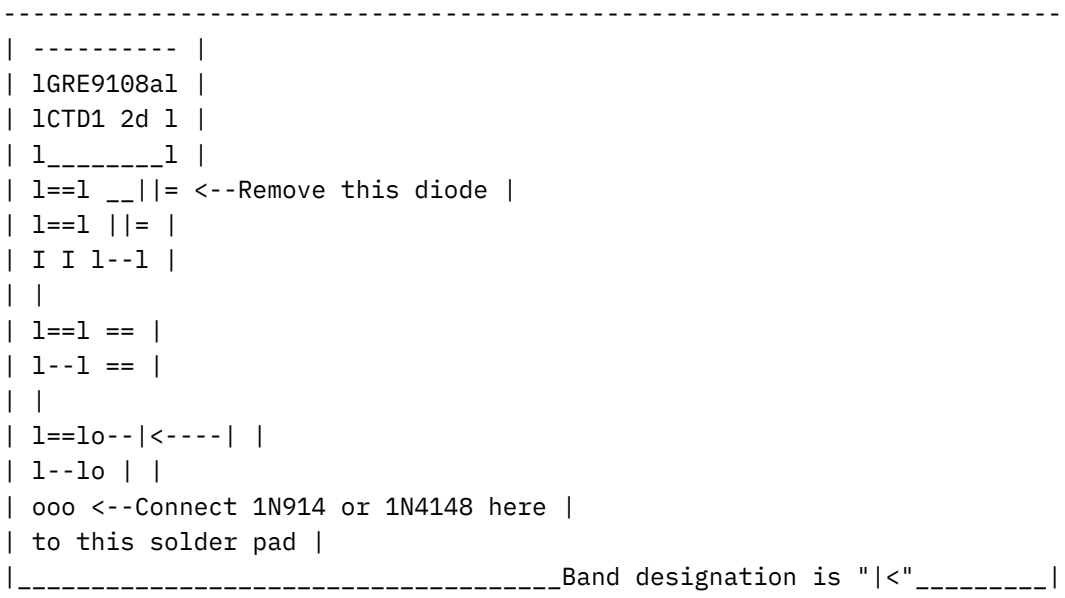
** Disclaimer...All modifications are done AT YOUR OWN RISK.
** Performing this modification may void your warranty.
** Perfroming this modification may enable certain portions of the 800 Mhz
band that is illegal to monitor under federal U.S. law.
** I strongly suggest taking ESD precautions by getting a static strap as
this involves work with static sensitive devices. Any electronics store
should have one for purchase.
** READ THIS!! **

** Note...many Pro series scanners are being changed to make them
unmodifiable. For example, the '43 has an 'A' before the serial number and
a new FCC ID number. If your unit was manufactured after April, 1994
(designated by a sticker on the back showing 5A4 or above) or there is
an 'A' before the serial number, your unit may not be modifiable.

This information is from the June, 1994 issue of Monitoring Times, p.
112.

Required equipment...small-tip soldering iron, small gauge rosin core
solder, desoldering wick, Phillips screwdriver, 1N914 or 1N4148 diode.
1. With the scanner unplugged from power, remove both upper and lower
covers (foru screws in the rear of the cabinet), taking care not to damage
the speaker wires.
2. Set the scanner upside down with the back facing you. Locate the
microprocessor shield (upper left corner near volume and squelch controls).
Unsolder and remove the shield.
3. Refer to the diagram and locate the three-legged diode at the lower
right of the microprocessor chip. Carefully unsosolder and remove this
diode.
4. Referring to the diagram, place a 1N914 or 1N4148 switching diode
across the solder pads as shown. (NOTE POLARITY) Remove any excess leads
and carefully solder it in place. Be sure it's leads will not contact any
other components, paths or the reassembled shield. A small piece of tape
may be used as insulation if necessary.
5. Plug the scanner into power, turn it on and test the unit by entering
any frequency that may have been blocked in the 800 Mhz range.

6. If successful, unplug the unit and reassemble the scanner.



6320. Re: New Canadian Pro-43's modifiable?

Newsgroup: rec.radio.scanner
Date: 1994-07-13 22:09:08 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <774156510@f747.n115.z1>
Source record: 271819

-=> Quoting SIT ANDREW to All <=-

SA> Does anyone have any information concerning the Pro43's available in
SA> Canada? The backs of the units do not have any FCC id #'s, just the
SA> following (for example):
SA>
SA> 20-300
SA> DOC/MDC 255 B163
SA> s/n: 084xxx
SA>
SA> There are also small stickers on the back of the box (bottom
SA> right-hand corner) saying "3A4".
SA>

Hi, Andrew...
Don't think I can help too much. "3A4" is the date of manufacture.
Hence, the units that yow saw were manufactured March of 1994. This would
make the '43's you saw capable of receiving cellular after the mods are
completed.

Don't know if any units manufactured after April will still have the
same design. Could you do me a favor? See if you can find any units
manufactured "5A4", or May of 1994. Check the sticker to see if anything
has changed. I know reports have come up here in the States that the FCC
ID changed and the serial number starts with the letter A. Don't know if
this will happen with Canadian units.

Thanx...Jerry

6321. Pro-39 vs. BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-13 22:38:28 UTC
From: jpsmith@umcc.umcc.umich.edu
Message-ID: <301qd4$nge@umcc.umcc.umich.edu>
Source record: 271867

Could someone please post their opinions of the Pro-39 vs. BC200XLT? Thanks.

Jim

6322. Re: }}4 Sale{{ Icom R-1

Newsgroup: rec.radio.scanner
Date: 1994-07-13 22:39:08 UTC
From: cntrspy@netcom.com
Message-ID: <cntrspyCswHL8.J9z@netcom.com>
Source record: 271868
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

==== No it is not, that is the Published coverage, I'm advertising
the useable coverage. It will do AM radio and the like, but
100Khz specs are not that great. Mine receives better at the high
end.

Dave Bushong (dbushong@wang.com) wrote:
: cntrspy@netcom.com (Executive Protection Assoc) writes:

: >Icom R-1 Receiver/Scanner forsale

: >2 Mhz to 1800+ Mhz CONTINUOUS includes CELLULAR coverage

: Is this a different model from mine that has 100 kHz to 1300 MHz
: coverage?

: --
: Dave Bushong, Wang Imaging
--

--

//
Chris Hall
Chief Operating Officer
Executive Protection Associates, Inc.
Worldwide Investigations, Privacy Protection, Off-Shore Banking and
Trust Agents. Second Passport and Economic Citizenship Agents.

Opinions Expressed are those of the author and NOT those of E.P.A.I.
//

6323. Re: FREQS: San Jose CA

Newsgroup: rec.radio.scanner
Date: 1994-07-13 23:39:32 UTC
From: "David Josephson", Josephson Engineering <david@josephson.com>
Message-ID: <CswKDx.I6r@rahul.net>
Source record: 271789

In <301fr9$55o@fozzy.aud.alcatel.com> rjgrocho@aud.alcatel.com (bob grochowski) writes:

>Traveling to San Jose California soon. Anything interesting to listen to
>while there? I'm prepared to listen to a range of "DC to Light" ... but
>there's no sense taking twenty pounds of hardware if there's nothing worth
>listening to! Any suggestions appreciated.

You will find interesting things to listen to in the range of DC
to light. It may take more than 20 pounds of equipment to decode
what you hear, however.
--
David Josephson / Josephson Engineering / San Jose CA / david@josephson.com

6324. Re: Pro-39 vs. BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-14 01:48:13 UTC
From: "Ben D. Hernandez" <b_hernandez@macsch.com>
Message-ID: <CswqCE.I4E@draco.macsch.com>
Source record: 271775

In article <301qd4$nge@umcc.umcc.umich.edu> Jim Smith,
jpsmith@umcc.umcc.umich.edu writes:
>Could someone please post their opinions of the Pro-39 vs. BC200XLT?
Thanks.
>
>Jim

I have owned both units and in my opinon the PRO-39 blows chunks when
compared with the BC200-XLT. I was a total idiot when I sold my Bearcat!
The only reason I have the PRO-39 is that I picked it up used for
$100.00. Here is my Good/Bad list:

Good points about BC200-XLT
1. RUGGED!
2. Leather-like case included.
3. A.C. Adapter included/Earphone included.
4. One of the easiest cell mods (No desoldering/soldering needed).
5. Will display what channel a freq is in if entered again (Really
Cool!).
6. Big display/Good light.
7. Car adapter available.
8. Good speaker/tone.
9. Very easy to program freq's. (Manual, Channel #, Manual, Freq,
Enter.)
10. Much better search and hold function, with the ability to enter the
freq into any
channel while searching.
11. Available for $159.95 from Damark. (Call them up at 1-800-788-7202)

Bad points about BC200-XLT
1. Proprietary NiCad battery pack.

Good points about PRO-39
1. Standard AA cells battery pack.
2. Ability to go to NiCads.
3. A little bit smaller/lighter
4. Direct search function. (Go to a freq and then press up or down keys
to search).
5. Scans faster, 25-vs-16 channels per second BUT, will scan zeroed
channels if not
locked out! (Kinda negates the whole HYPERSCAN thing.)

Bad points about PRO-39
1. BAD Intermod!
2. Small display/Weak light.
3. STUPID search and enter function. (You must enter the freq into the

Monitor area
first, a non-scannable ten channel area, and then into the
scannable channel of your
choice).
4. No adapter!
5. No case! (None available, only a pouch).
6. Small buttons.
7. You have to desolder/solder for cell mods.
8. Weak antenna mount.
9. No hold function during search.
10 $299.99 List! (Probably can be found cheaper, but not by much.)

I hope this helps, as you can see I favor the BearCat over the PRO-39, it is a far superior product for the money! Please, no flames it is only an opinion!

6325. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-14 02:48:20 UTC
From: stessej@iia.org
Message-ID: <30291k$8ut@ankh.iia.org>
Source record: 271776

Steven Jackson (jackson@longlast.cs.nyu.edu) wrote:
: In article <2vvv27$lub@umcc.umcc.umich.edu>, hoagy@umcc.umcc.umich.edu (Matthew Rupert) writes:
: |> stessej@iia.org (Jay) did contribute said ASCII:
: |> >
: |> > A friend of mine and I have come up with an idea that would put these
: |> >freqs to good use. We're going to take my portable scanner, and hook one
: |> >of those car portable CD converters(You know, the cassette tapes that
: |> >have a headphone wire comming out for an input device) up to it. Then,
: |> >when we get to the drive thru intercom, we're going to set the scanner to
: |> >the right freq, and blast the stereo. That way it should(in theory)
: |> >create a big amount of feedback to the person taking the orders(something
: |> >they usually give to the customers). It'll also be funny just to blast
: |> >the orders while sitting in the parking lot. So much for privacy.
: |> >
: |> > We're going to try both of these things tomorrow. Anyone want to
: |> >speculate on what'll happen????
: |>
: |>
: |> Umm....that the FCC will probably fine you for
: |> an out-of-band transmission, and McDonalds can sue your ass
: |> for transmitting on their frequencies?
: |> Oh, yeah, dont' forget about txing on McD freqs with
: |> a non-type-accepted radio.

: It didn't seem so stupid when I did it as it does in print.

: I have a loudspeaker mounted at my feet, so audio is no
: problem in my car. I pulled up, blasted it and the feedback
: was actually pretty funny to listen to.

: The order taker screamed on the private channel "WHAT IS THAT
: NOISE??!!!" The only "tx'ing" going on is in the human audible
: range, and that is NOT RF. An unmodded scanner does not
: transmit (except for leakage of course and that's hardly
: lawsuit material).

: In fact, their microphone is sucking in your personal audio
: from your car, causing problems for themselves. What they
: do with the audible sound coming from my car is their business..
: they own and are operating the transmitter.
: --

I'm glad not everyone who reads alt.scanners is a play by the
rules lawyer who's never played a prank in his life. The whole point of
the post was to tell the world an idea I had as to what to use the freqs

for. If you don't like the idea, then fine, but why do you have to try to make me look bad by saying people will sue me. It's obvious the 5 teenage brats working at McDonalds aren't going to bother to take me to court. As for the FCC, it was kindly explained above that I'm not actually transmitting the signal, just using the speakers of my car to listen to my scanner(which as of yesterday was legal).

So hopefuly all of you don't only think of things from a legal standpoint, and possibly some of you may have gotten a laugh out of my idea.

-Jay

--
T / / / / \ \ |stessej@iia.org| -----[Jay Stess#####]
R / /___ / /___ \ \ ----------------- / |%%%%%\[Of New Jersey]
S /_____/ /_____/ \ ____ ____ | |%%%%%%\[Hockey Playr]
0 0 0 0 0 0 0 0 _____\ <____> | |%%%%%%%\[6/5/94sig##]

6326. Opinions on 900MHZ cordless phones wanted

Newsgroup: rec.radio.scanner
Date: 1994-07-14 03:39:56 UTC
From: cardinal@bu.edu
Message-ID: <302c2c$ec1@news.bu.edu>
Source record: 271777

I'm currently on the market for a 900 meg cordless phone. I'd like to know wants out there and what people think the best ones are. The two features that are most important to me are range and sound quality. Two line capablity might be nice, but it's not a real big deal. Any help will be greatly appriciated.

Matt

6327. Re: Nuts & Volts mag

Newsgroup: rec.radio.scanner
Date: 1994-07-14 03:41:19 UTC
From: manson@enterprise.america.com
Message-ID: <302c4v$12q@enterprise.america.com>
Source record: 271778
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

gcracker@netcom.com writes:
sure is

>Is the Nuts & Volts mag worth the subscription price?

>gcracker@netcom.com

6328. Silent Play 270-1715

Newsgroup: rec.radio.scanner
Date: 1994-07-14 04:15:40 UTC
From: bambrosi@sdcc13.ucsd.edu
Message-ID: <70311@sdcc12.ucsd.edu>
Source record: 271779

I was wondering if it were illegal to use the silent play on a scanner. Is it considered rebroadcasting? Or is the power too low to be considered rebroadcasting. I think read something about this is the CB rule book i got with my CB. Not sure. I am thinking about getting Silent Play but I want to make sure everything is legal.

I think it would work great when working around people that you don't want them to know you are using a scanner. All they would see is the walkman radio or whatever.

6329. Need Freqs. for Bass Lake, CA

Newsgroup: rec.radio.scanner
Date: 1994-07-14 04:53:42 UTC
From: mvines@netcom.com
Message-ID: <mvinesCswyxJ.70B@netcom.com>
Source record: 271781

I need frequencies for the Bass Lake area, south of Yosemite National Park.
Anything such as local police/fire, forestry, hotels, etc.

Thanks -Mike

6330. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-14 06:06:27 UTC
From: schumann@crl.com
Message-ID: <302kl3$ejv@crl.crl.com>
Source record: 271783

Curtis Wheeler (cgwh@chevron.com) wrote:
: I just recently started watching and contributing to this group and have some
: questions about a good portion of the discussions.

: What is the big attraction on the cellular channels?

[deletia]

: I will now put on my asbestos underwear and wait for reponses.

flame.

: Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
: Amateur KD6ELA / GROL PG10-25691 / Private Pilot

Because it's there, or not there. You have a scanner with frequency chunks missing and so you either dig up the mods for the model, or figure them out. Then you take the plunge and void your warranty and listen for all of twenty minutes or so to boring cellular conversation. Whoop-de-do.

People with cellular phones know that their conversations are not private, alter all they are usually driving around. Now cordless phones are more interesting. These you can listen to for a full thirty minutes before you O.D.

And yes the PD, FD, and other emergency traffic is much more interesting. I enjoy knowing what is happening in the city (San Francisco) that never hits the newspapers, which can get rather amazing. But monitoring phone calls, bleah. You'll get over it.

James Schumann, KE6DMY
schumann@crl.com

6331. Re: M-400 Multimode Decoder Output to Computer

Newsgroup: rec.radio.scanner
Date: 1994-07-14 06:13:54 UTC
From: mbarnard@twain.ucs.umass.edu
Message-ID: <302l32INNhjt@twain.ucs.umass.edu>
Source record: 271784

In article <joeCswBqL.JLp@netcom.com>, Joseph Jesson <joe@netcom.com> wrote:

> The M400 is a great decoder for lots of digital formats and the
>price is reasonable. My problem is the NO UPGRADE policy for the M400!!
>If you are talking to Universal, or your favorite dealer, bitch about
>the lack of upgrades. The reason why I am upset is my M400 will decode
>512bps POCSAG but not the newer 1200 and 2400 POCSAG and will not upgrade...

POCSAG... That's what digital pagers talk, right? Is there anyone
out there who has the specs on this? Could they actually be found on the
net? So much cool digital decoding can be done with a sound card, even if
not in real-time...

6332. Re: Pro-39 vs. BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-14 06:46:20 UTC
From: drice@crl.com
Message-ID: <znr774168202k@crl>
Source record: 271787

In article <CswqCE.I4E@draco.macsch.com> b_hernandez@macsch.com writes:

>
> In article <301qd4$nge@umcc.umcc.umich.edu> Jim Smith,
> jpsmith@umcc.umcc.umich.edu writes:
> >Could someone please post their opinions of the Pro-39 vs. BC200XLT?
> Thanks.
> >
> >Jim
>
> I have owned both units and in my opinon the PRO-39 blows chunks when
> compared with the BC200-XLT. I was a total idiot when I sold my Bearcat!
> The only reason I have the PRO-39 is that I picked it up used for
> $100.00. Here is my Good/Bad list:

> 10. Much better search and hold function, with the ability to enter the
> freq into any
> channel while searching.

I have a refurbished BC200XLT and the instructions got lost
while moving (not that I really needed them).

I can't figure out how to do this.
--

Dennis Rice drice@crl.com
NAU Flagstaff drr1@nauvax.ucc.nau.edu

6333. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-14 07:21:02 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jul14.072102.25106@hpcvaac.cv.hp.com>
Source record: 271790

latimer@chinook.halcyon.com (Philip B. Latimer) writes:
: Hi Everybody!
:
: I have a subject that I would like some feedback on. It is my
: understanding of the recently enacted rules covering scanners that
: although no newly manufactured scanner may be capable of, or may be
: easily modified to receive cellular transmissions, it IS still legal to
: sell kits that will modify a scanner to these abilities. I also
: understand that it is legal to sell a cellular capable scanner in kit
: form that a consumer can put together themselves. Am I correct in my
: understanding of these items? If so, where are these products? Why
: haven't the scanner makers jumped on this oppertunity? Any & all comments
: on this would be welcome.

No. You should be able to purchase repair parts, to repair a scanner that
already receives the cellular frequencies.

However, modification kits are now illegal - as are frequency converters.
Both are covered by the ECPA.

I don't know if scanner kits have to be type accepted, or not. If they do,
then you will not be able to legally buy one that can easily be modified to
receive cellular transmissions.

Bill

6334. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-14 08:44:45 UTC
From: hoagy@umcc.umcc.umich.edu
Message-ID: <302ttt$e21@umcc.umcc.umich.edu>
Source record: 271791

jdwhite@iastate.edu (Jason White) did contribute said ASCII:

[much of my text snipped]

>
> Feedback == transmitting???
>
> I think not. It'll just annoy the hell out of everyone wearing headsets in
>the store and yes, it will work.

It's called "harmful interference", and since it's willful, the persons
doing it are liable for civil and criminal lawsuits.

For the sake of those who would scream "Oh, it's not a big deal",
I'd love to see anyone do this to a cop while he's transmitting.
Ask him if he thinks it's cute, his 50 thinks it's cute, and
the FCC would think it's cute.

McDonalds may be a rather sad example of commercial radio, but they
do have rights. So, tread lightly, if at all.

--
....
Matt Rupert - 2984 Pheasant Run Dr. Apt D - Jackson MI 49202 - hoagy@ais.org
Personal Security / UNIX Enthusiast / Amatuer Radio - KB8SGL
Which is worse: ignorance or apathy? Who knows? Who cares?

6335. i need help

Newsgroup: rec.radio.scanner
Date: 1994-07-14 09:07:00 UTC
From: jimy.mac@corpsoft.com
Message-ID: <137.600.uupcb@corpsoft.com>
Source record: 271792

i have an old bearcat 210 and i was wondering if they are expandable. i
can't get into the cell freq. excuse me if this is a stupid question.
jimy.mac@corpsoft.com

. JABBER v1.2 . jimy.mac@corpsoft.com- 815-886-3233 (great midwest bb)

+---+
| CorpSoft BBS [3 Nodes] - (815) 886-9388 28.8 v.fc |
| Romeoville, IL |
+---+

6336. Re: 2006A Mod "OOPS"

Newsgroup: rec.radio.scanner
Date: 1994-07-14 09:16:23 UTC
From: josephl@clark.net
Message-ID: <302vp7$dlo@clarknet.clark.net>
Source record: 271874

Merlin Handley (mhandley@bga.com) wrote:
: I hate to admit this, but the restart button on the back was being pushed
: and not the reset button on the front. R.T.F.D. Thanks for all the help.

Clueless?

--

6337. Poor man's spectrum analyzer

Newsgroup: rec.radio.scanner
Date: 1994-07-14 11:13:46 UTC
From: Keith@elgin.demon.co.uk
Message-ID: <774184426snz@elgin.demon.co.uk>
Source record: 271755

I recently met a fellow monitor who had built a kit called "The Poor Man's Spectrum Analyzer". After seeing it in operation I thought it could be a useful addition to my own shack. The only problem is that the kit was in the region of 4-6 years old and was bought in the states. Can someone please advise me if it is still possible to obtain this item. The address that came on the original package was as follows:

Science Workshop
Box 310
Bethpage
NY
11714

Is this address still valid, has anyone else used this piece of kit, any help will be much appreciated.

Thanks in advance.....

--
+---+
Keith Elgin		
	_	
Internet : keith@elgin.demon.co.uk _____	_( )_	_____
Voice : 0265-43575 o +	+ [(o)] +	+ o
[_]---[_]
+---+

6338. Scanner Freqs for Westerville area: Otterbein College, etc.

Newsgroup: rec.radio.scanner
Date: 1994-07-14 13:01:06 UTC
From: david@roth-music.com
Message-ID: <0105009A.4l8a1f@david.roth-music.com>
Source record: 271785

Looking for scanner freqs for Westerville, Ohio area for Otterbein College and other surrounding areas freqs of interest.

Thanks in advance,

David
david@roth-music.com

6339. Re: Nuts & Volts mag

Newsgroup: rec.radio.scanner
Date: 1994-07-14 13:05:00 UTC
From: mgodwin@alf.mcl.bdm.com
Message-ID: <mgodwin.116.000D15BF@alf.mcl.bdm.com>
Source record: 271616
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

>>Is the Nuts & Volts mag worth the subscription price?

>>gcracker@netcom.com

What is Nuts & Volts? Where can I find it and whats the subscription price?

Mike

6340. Re: Uniden repair time

Newsgroup: rec.radio.scanner
Date: 1994-07-14 13:44:56 UTC
From: Lindy Williams <willi087@maroon.tc.umn.edu>
Message-ID: <CsxnCy.Bw@news.cis.umn.edu>
Source record: 271788

Subject: Uniden repair time
From: Doug Geiste, geiste@hsi.com
Date: Wed, 13 Jul 1994 16:26:34 GMT
In article <Csw0CB.LIy@hsi.com> Doug Geiste, geiste@hsi.com writes:
>
>I just sent my BC70xlt to Uniden for repair. Does anyone know how long
>it typically takes before I can expect it back?

I have used their service twice. I don't recall specifically how long it
took but it was not a problem.

6341. Re: McDonald's Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-14 14:24:55 UTC
From: glr@ripco.com
Message-ID: <CsxpDJ.61G@rci.ripco.com>
Source record: 271793

Hugh Hemington (hughem@netcom.com) wrote:
: nick@garlic.com wrote:
: : Mr. Henry Siemer (siemer@umbc.edu) wrote:

: : : Anyone have the freqs for McDonald's drive-thru window?

: : Here's a compilation of Drive Thru's for McDonalds:

: OK... I just gotta ask! What is the attraction of listening to Some
: minimum wage dufus saying "...2 macs, medium coke, chocolate shake,
: fries..."? Am I missing something? Have McDonalds employees developed
: some incredibly intertaining banter? Or is this just idle curiosity?

: thanks

What about when they joke about giving you the wrong food, and that
you're too stupid to notice? (Can you say Consumer Fraud?)
:
--

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6342. TR-1200 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-14 14:37:35 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <Csxpyp.26v@cbnewsc.cb.att.com>
Source record: 271804
Cross-posted to: rec.radio.scanner,alt.radio.scanner

The latest "73 Magazine" has an ad for this scanner, which looks to be an AOR AR-1000 clone. The advertisement by ACE states that the cellular frequencies have been locked out, so the question is:

(1) Is it actually identical to the AR-1000?

(2) Can the cellular frequencies be reprogrammed into the EEPROM via the method shown in Bornestein's "Guide to the AR-1000?"

[Perhaps someone with Bornestein's e-mail address could ask him about these newly imported units?]

6343. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-14 14:40:33 UTC
From: domonkos@access.digex.net
Message-ID: <QDJ9kiubGkzD066yn@access.digex.net>
Source record: 271794

In article <2vvv27$lub@umcc.umcc.umich.edu>, Matthew Rupert wrote:
> stessej@iia.org (Jay) did contribute said ASCII:
> >
> > A friend of mine and I have come up with an idea that would put these
> >freqs to good use. We're going to take my portable scanner, and hook one
> >of those car portable CD converters(You know, the cassette tapes that
> >have a headphone wire comming out for an input device) up to it. Then,
> >when we get to the drive thru intercom, we're going to set the scanner to
> >the right freq, and blast the stereo. That way it should(in theory)
> >create a big amount of feedback to the person taking the orders(something
> >they usually give to the customers). It'll also be funny just to blast
> >the orders while sitting in the parking lot. So much for privacy.
> >
> > We're going to try both of these things tomorrow. Anyone want to
> >speculate on what'll happen????
>
>
> Umm....that the FCC will probably fine you for
> an out-of-band transmission, and McDonalds can sue your ass
^^
> for transmitting on their frequencies?
> Oh, yeah, dont' forget about txing on McD freqs with
> a non-type-accepted radio.
> --
> .....
> Matt Rupert - 2984 Pheasant Run Dr. Apt D - Jackson MI 49202 - hoagy@ais.org

Matt,

Scanners can't transmit; what they intend to do is not illegal by FCC
standards...

The feedback idea, that will work...

Andy

6344. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-14 14:40:39 UTC
From: domonkos@access.digex.net
Message-ID: <DHJ9kiubG2LM066yn@access.digex.net>
Source record: 271795

In article <300908$6me@news.iastate.edu>, Jason White wrote:
>.....
>
> Another time a friend of mine and I drove through a McDonalds while I was
> monitoring their in-house chat frequency with my W2A. We ordered, received
> change, and pulled forward to wait. The person taking the money at the
> Drive-Thru window must have noticed my handheld and assumed (good assumption)
> I was monitoring them becayuse after a couple minutes he said "You guys will
> have to move up further." Needless to say we were amused.
>
> -Jason
>
>
> --
> Jason D. White Durham Center Operations Staff
> jdwhite@iastate.edu Repeater Chairman, Cyclone Amateur Radio Club
> Iowa State University Packet: n0rwu @ ki0q.#cia.ia.usa.na
> Ames, Iowa

Jason,

Thanks for sharing that w/us. You've given me the incentive to program those frequencies into my 2M mobile rigs and scanners, now I've got something to do while I'm at the drive-thru.

Too bad you didn't tape the mgr's remarks re; female employee. Would have given him sime restless nights if you gave him the tape anonymously.

'Guns, we don't need no stinkin' guns when we got TECHNOLOGY!'

Andy

6345. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-14 14:40:49 UTC
From: domonkos@access.digex.net
Message-ID: <vMJ9kiubG-bE066yn@access.digex.net>
Source record: 271796

In article <302ttt$e21@umcc.umcc.umich.edu>, Matthew Rupert wrote:
>
> It's called "harmful interference", and since it's willful, the persons
> doing it are liable for civil and criminal lawsuits.
>
> For the sake of those who would scream "Oh, it's not a big deal",
> I'd love to see anyone do this to a cop while he's transmitting.
> Ask him if he thinks it's cute, his 50 thinks it's cute, and
> the FCC would think it's cute.
>
> McDonalds may be a rather sad example of commercial radio, but they
> do have rights. So, tread lightly, if at all.
>
>
> --
> ....
> Matt Rupert - 2984 Pheasant Run Dr. Apt D - Jackson MI 49202 - hoagy@ais.org
> Personal Security / UNIX Enthusiast / Amatuer Radio - KB8SGL
> Which is worse: ignorance or apathy? Who knows? Who cares?

A prank against a McD's employee is not the same as one against a cop,
I don't think Jason or anyone w/common sense would do it. You obviously
aren't aware of the pending law suits against McD's and other re;contaminated
food thanks to some of their butt-headed employees. Prank-on Jason!

Andy

6346. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-14 14:40:55 UTC
From: domonkos@access.digex.net
Message-ID: <AXJ9kiubGgY9066yn@access.digex.net>
Source record: 271797

In article <302kl3$ejv@crl.crl.com>, James C. Schumann wrote:
>
> Because it's there, or not there. You have a scanner with frequency
> chunks missing and so you either dig up the mods for the model, or figure
> them out. Then you take the plunge and void your warranty and listen for
> all of twenty minutes or so to boring cellular conversation. Whoop-de-do.
>
> People with cellular phones know that their conversations are not
> private, alter all they are usually driving around. Now cordless phones
> are more interesting. These you can listen to for a full thirty minutes
> before you O.D.
>
> And yes the PD, FD, and other emergency traffic is much more
> interesting. I enjoy knowing what is happening in the city (San
> Francisco) that never hits the newspapers, which can get rather amazing.
> But monitoring phone calls, bleah. You'll get over it.
>
>
> James Schumann, KE6DMY
> schumann@crl.com
>

You know you've got scanner overload (boredom) when you ignore the cellular
and PD calls and listen to the polar-orbitting weather satellites when
they pass overhead...time to pull the plug...

Andy

6347. Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-14 14:41:02 UTC
From: domonkos@access.digex.net
Message-ID: <sZJ9kiubGYW2066yn@access.digex.net>
Source record: 271798

Although on a reduced basis many TV news studios dispatch their crews
on the 450-452 Mhz band. You'll also find the rush hour traffic reporters
in their aircraft their. I listen to them regularly on my scanner for
continuous traffic info...

Andy

6348. Re: Satellite Audio?????

Newsgroup: rec.radio.scanner
Date: 1994-07-14 14:45:10 UTC
From: veith@cherokee.nsuok.edu
Message-ID: <1994Jul14.144510.13712@cherokee.nsuok.edu>
Source record: 271800

jason.al-shawy@ectech.com (Jason Al-shawy) writes:

>I was wondering since one can pickup TV audio on a scanner; can one
>pickup satellite audio frequency for EX. HBO, MTV, ETC. Bare with me
>folks, I'm some what a novice at this. I'm thinking, if the scanner was
>in the frequency range, you would need an amplifier similar to ones in
>the middle of the satellite dish. Thanks..

Sorry, Jason, there are several problems with this. The most
insurmountable problem is that audio for cable channels such
as you mention are D.E.S. encrypted in the videocipher II+
scrambling system. There are a few cable type channels in the
clear but they certainly aren't the likes of HBO and MTV. More
like C-Span and The Learning Channel.

The other problem is that the signal is so weak as it comes from
the satellite that it needs to be focused and amplified before it
becomes usable. Thus the familliar satellite dish and lnb.

I am a satellite tv/audio enthusiast as well as a scanner hobbiest.
I can assure you that should you ever get into the satellite hobby
there are easily hundreds, more likely a magnitude of thousands, of
radio stations of all kinds to listen to, both foreign and domestic,
as well as VERY interesting video.

Picture this: An inhouse point-point teleconference. The cameraman
(your point of view) is walking down the hall following someone.
'Follows him right into the bathroom as he walks up to the urinal.
Tinkle tinkle. Flush. He turns around, sees the cameraman and
let's loose *&^%&!!!. Cameraman starts laughing hysterically and
barely manages to get out "Chill out, it was just a joke, see the
camera's off...OMIGOD! Dark screen...

I know the above paragraph is slightly off topic but I thought
scanner enthusiast might enjoy it and show that you can also
"scan" video channels, after a fashion.

Best regards,
Charles (KG5TV) veith@cherokee.nsuok.edu Tahlequah, OK

6349. Re: Silent Play 270-1715

Newsgroup: rec.radio.scanner
Date: 1994-07-14 14:51:02 UTC
From: veith@cherokee.nsuok.edu
Message-ID: <1994Jul14.145102.13939@cherokee.nsuok.edu>
Source record: 271799

bambrosi@sdcc13.ucsd.edu (Barr Ambrosio) writes:

>I was wondering if it were illegal to use the silent play on a
>scanner. Is it considered rebroadcasting? Or is the power too low
>to be considered rebroadcasting. I think read something about this
>is the CB rule book i got with my CB. Not sure. I am thinking
>about getting Silent Play but I want to make sure everything is
>legal.

>I think it would work great when working around people that you
>don't want them to know you are using a scanner. All they would see
>is the walkman radio or whatever.

I would be interested in what others have to say about this also.

IMO, since the Silent Play qualifies under the FCC rules as it
does (low-power personal), then it should NOT be illegal to use
for scanners. I use mine frequently in that fashion.

I WOULD, however, take measures NOT to retransmit anything that
was illegal to listen to in the first place (e.g. cellular).

Best regards,
Charles (KG5TV) veith@cherokee.nsuok.edu Tahlequah, OK

6350. Pro-32

Newsgroup: rec.radio.scanner
Date: 1994-07-14 15:00:14 UTC
From: kirk@hitachi.com
Message-ID: <1994Jul14.150455.24665@hitachi.com>
Source record: 271703

Anyone have any info/mods for this unit?

Kirk

6351. Re: Silent Play 270-1715

Newsgroup: rec.radio.scanner
Date: 1994-07-14 15:38:21 UTC
From: copeland@metronet.com
Message-ID: <Csxsrx.I9D@metronet.com>
Source record: 271802

In article <70311@sdcc12.ucsd.edu>,
Barr Ambrosio <bambrosi@sdcc13.ucsd.edu> wrote:
>I was wondering if it were illegal to use the silent play on a
>scanner. Is it considered rebroadcasting? Or is the power too low
>to be considered rebroadcasting. I think read something about this
>is the CB rule book i got with my CB. Not sure. I am thinking
>about getting Silent Play but I want to make sure everything is
>legal.
>
>I think it would work great when working around people that you
>don't want them to know you are using a scanner. All they would see
>is the walkman radio or whatever.

Sometimes I listen to my scanner at work while its running at home.
I've got a answering machine that has a room monitor mode. After it
answers, I punch in the secret code, and I can hear whatever is going
on. I leave the scanner running right next to the answering machine.
At work I have speakerphone so I can listen without the handset.

--

| copeland@metronet.com |

6352. Motorola flip phone as scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-14 16:15:20 UTC
From: gordonlm@u.washington.edu
Message-ID: <303oao$1ch@news.u.washington.edu>
Source record: 271801

How can one drive a Motorla flip phone as a scanner?

Either by keypad inputs or by running it via the 3 wire bus...

Gordon Mitchell g.mitchell@ieee.org (206) 481-5577

6353. What the heck is "PDO" stand for??

Newsgroup: rec.radio.scanner
Date: 1994-07-14 16:31:06 UTC
From: feelym@aol.com
Message-ID: <303p8a$4rs@search01.news.aol.com>
Source record: 271808

I often hear the abbreviation "PDO" used by the sherriff dept. in my area.

Can anyone tell me what it means??

6354. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-14 16:53:21 UTC
From: taft@mv.us.adobe.com
Message-ID: <1994Jul14.165321.6220@adobe.com>
Source record: 271810

domonkos@access.digex.net (Andy Domonkos) writes:
>on the 450-452 Mhz band. You'll also find the rush hour traffic reporters
>in their aircraft their. I listen to them regularly on my scanner for
>continuous traffic info...

You can quickly learn a couple of amusing things about traffic
reporters (here in the San Francisco Bay area, anyway):

1. Those "live, up-to-the-minute" traffic reports are actually taped.
The reporter calls in: "Here comes my report. 3 - 2 - 1. Traffic on
southbound 101 backed up at Lawrence Expressway [etc., etc.] Back to
you, Mike." This report is recorded by the studio and broadcast
during the next traffic report, as much as a half hour later.

2. Some reporters serve multiple radio stations. You can hear a
reporter give essentially the same report several times, but with
different endings: "Back to you, Mike", "Back to you, Joe", etc.
Sometimes the reporter varies the presentation for different stations.
And some reporters adopt an entirely different style of speaking when
giving a report than when talking at other times.
--
Ed Taft taft@adobe.com

6355. Need freqs for AF Thunderbirds

Newsgroup: rec.radio.scanner
Date: 1994-07-14 18:12:38 UTC
From: harrison@ibeam.intel.com
Message-ID: <X4940714101238@lrv2>
Source record: 271812

Would someone be so kind as to supply any known frequencies
for the Air Force Thunderbirds.

They are in Portland (Oregon) for the annual Rose Festival
Airshow this weekend (flying in today).

Thanks,

Ed Harrison
harrison@ibeam.intel.com

6356. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-14 18:29:19 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <30405v$faf@dancer.cc.bellcore.com>
Source record: 271744

In article <1994Jul14.072102.25106@hpcvaac.cv.hp.com>,
bill nelson <billn@hpcvaac.cv.hp.com> wrote:
>latimer@chinook.halcyon.com (Philip B. Latimer) writes:
>: Hi Everybody!
>:
>: I have a subject that I would like some feedback on. It is my
>: understanding of the recently enacted rules covering scanners that
>: although no newly manufactured scanner may be capable of, or may be
>: easily modified to receive cellular transmissions, it IS still legal to
>: sell kits that will modify a scanner to these abilities. I also
>: understand that it is legal to sell a cellular capable scanner in kit
>: form that a consumer can put together themselves. Am I correct in my
>: understanding of these items? If so, where are these products? Why
>: haven't the scanner makers jumped on this oppertunity? Any & all comments
>: on this would be welcome.
>
>No. You should be able to purchase repair parts, to repair a scanner that
>already receives the cellular frequencies.
>
>However, modification kits are now illegal - as are frequency converters.
>Both are covered by the ECPA.

I've read the rules and the sale of KITS (i.e. a box of parts and how
to instructions) doesn't appear to be prohibited. Already built
converters are prohibited, but not kits. If some electronic honbby
magazine decided to publish a "How to build a converter" article
and included a parts listing, that'd not violate any law. If someone
else then sold all the parts as a package, that'd not violate anything
either.

>I don't know if scanner kits have to be type accepted, or not.

Kits do not need to be type accepted because they are not finished
products. One is only selling a package of parts. Nothing
you build yourself for your own use needs to be type accepted.
If that was the case, then all those parts vendors who supply
package deals for various kit projects published in hobby magazines
would be violating the law.

> If they do,
>then you will not be able to legally buy one that can easily be modified to
>receive cellular transmissions.

See above.

Also the reason type acceptance wouldn't even be granted to a kit
(if someone tried to get type acceptance for their kit) is that
each kit could be assembled with enough variety (wire lengths,
sloppy solder joints, etc.) that there's no way for any kit
seller to assure that the build kit would still pass type
acceptance.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

6357. Re: 2006A Mod

Newsgroup: rec.radio.scanner
Date: 1994-07-14 18:45:09 UTC
From: <>
Message-ID: <30413l$fe0@wizard.uark.edu>
Source record: 271803

mhandley@bga.com (Merlin Handley) writes:

>Can anybody figure this out? A recently modified 2006A can now get
>cellular frequencies. Even after using the reset button on the back
>panel it will not step at 30kHz. It will step at 5, 12.5 and 50 kHz just
>fine but can't be made to step 30kHz. Any suggestions?

You refer to the 2006A. Are we to take this as proof that the 2006A is,
in fact, um, "upgradeable to full 800 MHz coverage"?

If so, is the same true for the so-called 43A?

Peter Laws <plaws@comp.uark.edu> |"Let's make sure history never forgets the
n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise" ST:TNG - 1987-1994

6358. Mods for PRO-23 (AGAIN)

Newsgroup: rec.radio.scanner
Date: 1994-07-14 19:09:03 UTC
From: Lee_Hines.M1@SMTP.esl.com
Message-ID: <Lee_Hines.M1-1407941213460001@m11002.esl.com>
Source record: 271805

Are there any Mods for the PRO 23??? I have posted this question 3 times
with no response, so should I take silence as a clue that there are none??
Any assistance would be greatly appreciated. Thanks, Lee.

Lee_Hines.M1@smtp.esl.com

--
Lee Hines - Builder/Owner
Gator's Golf

Views expressed here are not necessarily those of my employer.

Go Gators - '91&'93 SEC Champs
Go Dolphins
(FSU.........just go away)
Work is for people who don't fish, hunt or play golf.

6359. Cordless Phone Freq's

Newsgroup: rec.radio.scanner
Date: 1994-07-14 19:22:43 UTC
From: fme@tiamat.umd.umich.edu
Message-ID: <fme.774213665@tiamat.umd.umich.edu>
Source record: 271809

Does anyone know the frequencies that most cordless phones use, with the exception of the 900 MHz ones.
I know that some use 46-50 MHz, but are there any other ranges used?

Thanks for any info,
Al

--

_____
Alan LaVoisne -- University of Michigan, Dearborn -- School of Engineering
INTERNET: Alan.LaVoisne@umich.edu - WWW: http://www.umd.umich.edu/~fme/

6360. FAQ for this group?

Newsgroup: rec.radio.scanner
Date: 1994-07-14 19:30:44 UTC
From: shaub@cs.uwp.edu
Message-ID: <3043p4$fj3@cs.uwp.edu>
Source record: 271807
Cross-posted to: alt.radio.scanner,rec.radio.scanner

```
Before I ask any dumb questions, can someone point me toward the FAQ for
this group?
--
=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
Jeff Shaub - University of Wisconsin-Parkside
shaub@cs.uwp.edu - Computing Support Center
(414)595-2005 - Kenosha, WI 53141
```

6361. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-14 19:48:23 UTC
From: w.mccall@csi.compuserve.com
Message-ID: <3044q7$1g6@mhaal.inhouse.compuserve.com>
Source record: 271814

I recently bought a new Pro-43 that as of yet, can't be modified. I'm not overly concerned as I have lots to listen to in my area. But I have been getting what has been explained as image signals in the 865mhz area. Last night, I overheard two teenage girls talking about their recent tattoos, one of which was a snake on her genitals. I was, shocked, amused, bewildered, and repulsed, but boy was I entertained! 99% of the time you hear junk, but once it a while it sure can be interesting.

Bill

6362. Clarification on which Pro-43s are modifiable

Newsgroup: rec.radio.scanner
Date: 1994-07-14 19:52:22 UTC
From: w.mccall@csi.compuserve.com
Message-ID: <30451m$1g6@mhaal.inhouse.compuserve.com>
Source record: 271815

I've read several explanations as to which of the Pro-43s
are modifiable and which aren't. The reports are starting
to conflict slightly. I thought one of the reports was that
if the brand name is Radio Shack, it isn't modifiable and is if
it is a Realistic. I also thought I heard that the datecode of 3A4
wasn't modifiable (I have a Radio Shack 43 with this date code) I
just read a post saying that the 3A4 was modifiable. Can someone
clarify?

Bill

6363. Re: 2006A Mod

Newsgroup: rec.radio.scanner
Date: 1994-07-14 19:53:24 UTC
From: richard.krum@msfc.nasa.gov
Message-ID: <30453k$afm@hammer.msfc.nasa.gov>
Source record: 271806

In article <30413l$fe0@wizard.uark.edu>, plaws@comp..uark.edu (Peter Laws) says:
>
>mhandley@bga.com (Merlin Handley) writes:
>
>
>>Can anybody figure this out? A recently modified 2006A can now get
>>cellular frequencies. Even after using the reset button on the back
>>panel it will not step at 30kHz. It will step at 5, 12.5 and 50 kHz just
>>fine but can't be made to step 30kHz. Any suggestions?
>
>
>You refer to the 2006A. Are we to take this as proof that the 2006A is,
>in fact, um, "upgradeable to full 800 MHz coverage"?

The 2006A has an on/off switch for the backlight in the display. The 2006 has a dimmer control. That's the ONLY main difference that I'm aware of.
>
>If so, is the same true for the so-called 43A?

Echo answereth not--don't have one (yet)

BTW, my 2006A is modifiable (I looked), but I haven't bothered.

I guess I'm enough of an anarchist to want to own 800 MHz coverage, too lazy to be bothered listening to the drivel that passes for cell-phone conversations around here.

"Dear, bring home a gallon of milk, please!"

I Get enough of that on the 147.240 repeater phonepatches.

--Rich, KE4GNK

6364. Police & Medical Helo's

Newsgroup: rec.radio.scanner
Date: 1994-07-14 20:10:39 UTC
From: nstrauss@netmare.corp.sgi.com
Message-ID: <Csy5Ds.77F@odin.corp.sgi.com>
Source record: 271820

Well, while we are all talking about helicopters:

I've been trying to get some contact with from Stanford's
Life Flight helo. It flies over my house often enough,
I better be able to scan them...

Just wondering if any one knows the usual procedures
used with things like Life Flight. When do they talk
to dispatchers, people at the LZ, destination hospitals,
etc. And how much of this is done on landline before/
after flight?

And on related note, what about police helos. Do they
usually use the same tactical freq's as the ground units
for air-ground, or are there special freq's set aside?

Thanks!

--Nick

--

____
\ \ _ ______ |
\ NICHOLAS STRAUSS \ / ___-=O`/|O`/__|
\ Silicon Graphics-Network Operations _______\ / | /)
/ nstrauss@netmare.corp.sgi.com / `/-==__ _/__|/__=-|
/ pilot@leland.stanford.edu / * \ | |
/_____________________________________/ (o)

"What, are you kidding?? We're on a spaceship! This place is *crawling*
with toothpicks!"

6365. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-14 20:27:20 UTC
From: dk@crl.com
Message-ID: <304738$rna@crl.crl.com>
Source record: 271816
Cross-posted to: ba.broadcast,rec.radio.scanner

The Right Reverend Master Tweek (tweek@netcom.com) wrote:
: NOTE: Followups set to ba.broadcast & rec.radio.scanner

: >1. Those "live, up-to-the-minute" traffic reports are actually taped.

Who said they were live? I never recall hearing any station or traffic reporter say their reports were live. I know for a fact that a couple stations tape theirs because they fall at clock times which coincide with those at other stations. They're not very stale, though, maybe 10 minutes.

: >2. Some reporters serve multiple radio stations.

Most of them do. They use different names, too. This is not a big secret.

: >Sometimes the reporter varies the presentation for different stations.

Yeah, apparently smooth-talking Bob Thorn(e) from KGO is somebody wild and crazy on KYLD.

Remember: radio is *theatre* of the mind. Likewise, there is no Purple Grotteaux, the EIB Network doesn't exist, the Lone Ranger tamed the West in a radio studio, Mancow was not a cow (and barely old enough to be a man), and the stealth copter was a sound effects record.

--
dk@crl.com Governor Pete Wilson is cutting $8 million from
San Francisco SF General Hospital -- it's in danger of closing

6366. FAQ On How Trunking Systems Work?

Newsgroup: rec.radio.scanner
Date: 1994-07-14 20:50:51 UTC
From: jernandez@pbs.org
Message-ID: <jernandez-140794155051@jernandez.pbs.org>
Source record: 271690

I am looking for a FAQ or info on the operation of the two trunking
standards in use in this country. Could someone please E-mail me info where
I can find this data.

Thanks
John

--
John J. Ernandez
Communication Systems Engineer
Public Broadcasting Service

E-Mail jernandez@pbs.org Member:PRR Technical & Historical Society
Phone: 703-739-5474 Southern Railway Historical Association
Amateur Radio: KA2YAP

6367. Re: Silent Play 270-1715

Newsgroup: rec.radio.scanner
Date: 1994-07-14 20:54:05 UTC
From: magnet@nRCHs022
Message-ID: <3048ld$81c@corpgate.rich.nt.com>
Source record: 271813

Charles Copeland (copeland@metronet.com) wrote:
|In article <70311@sdcc12.ucsd.edu>,

|Sometimes I listen to my scanner at work while its running at home.
|I've got a answering machine that has a room monitor mode. After it
|answers, I punch in the secret code, and I can hear whatever is going
|on. I leave the scanner running right next to the answering machine.
|At work I have speakerphone so I can listen without the handset.

Does'nt this monitor mode only last for a few minutes?

--
brad.glidewell@nt.com
_____|_____
/'++ (O) ++`\
! V !

6368. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-14 21:17:18 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <304a0u$9om@thecourier.cims.nyu.edu>
Source record: 271677

```
|> 1. Those "live, up-to-the-minute" traffic reports are actually taped.
|> The reporter calls in: "Here comes my report. 3 - 2 - 1. Traffic on
|> southbound 101 backed up at Lawrence Expressway [etc., etc.] Back to
|> you, Mike." This report is recorded by the studio and broadcast
|> during the next traffic report, as much as a half hour later.
```

WCBS in New York is very much live. Philadelphia is taped as you say, but I tested CBS-NY the day I moved there. If you're a serious commuter, you can stick 450.850 in one of your scanner's channels and get a traffic report "every 10 minutes on the eights!" during rush hours. :) Of course, NYPD xmits so much on some channels, the repeater barely gets to take a breath, so you may miss some of the reports if you have a busy channel being scanned.

```
|> 2. Some reporters serve multiple radio stations. You can hear a
|> reporter give essentially the same report several times, but with
|> different endings: "Back to you, Mike", "Back to you, Joe", etc.
|> Sometimes the reporter varies the presentation for different stations.
|> And some reporters adopt an entirely different style of speaking when
|> giving a report than when talking at other times.
```

That was very true in Philadelphia. It was funny hearing the same person sign off with so many different sets of callsigns.

Since I commute from Jersey now, I listen to the suburban operations of Shadow Traffic on 453.000. These are updates that are not taped for broadcast (and are certainly not live), hence these transmissions are legal for monitoring under the ECPA, unlike the taped (or live) transmissions discussed above.

Maybe someone should put together "The Commuter's Guide to Scanning", showing how to stay on top of everything from the trains to the highways and buses.

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

6369. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-14 21:32:13 UTC
From: sethby@uclink.berkeley.edu
Message-ID: <304ast$ldg@agate.berkeley.edu>
Source record: 271821
Cross-posted to: ba.broadcast,rec.radio.scanner

: Just thought someone over here might be interested in this thread
: appearing over on rec.radio.scanner.

: >You can quickly learn a couple of amusing things about traffic
: >reporters (here in the San Francisco Bay area, anyway):
: >
: >1. Those "live, up-to-the-minute" traffic reports are actually taped.
: >The reporter calls in: "Here comes my report. 3 - 2 - 1. Traffic on
: >southbound 101 backed up at Lawrence Expressway [etc., etc.] Back to
: >you, Mike." This report is recorded by the studio and broadcast
: >during the next traffic report, as much as a half hour later.
: >
: >2. Some reporters serve multiple radio stations. You can hear a
: >reporter give essentially the same report several times, but with
: >different endings: "Back to you, Mike", "Back to you, Joe", etc.
: >Sometimes the reporter varies the presentation for different stations.
: >And some reporters adopt an entirely different style of speaking when
: >giving a report than when talking at other times.
: >--
Hey,

I feel I must put in my 2 cents here since I did work at Metro Traffic Control Inc., the company that does the traffic reports for dozens of radio stations around the country, several of which are in the Bay Area.

1. Traffic Reports are NOT taped, except in extreme cases where a reporter cannot make a live broadcast. When they are taped, the tape is broadcast NEVER more than a minute or two later.

2. Yes, traffic reporters sometimes broadcast for more than one station. I can't recall any reporter using the same "stage name" for more than one station. Actually, I can think of two off the top of my head. Joe McConnell does reports for KGO-TV as well as 104.5 KFOG. Sal Castenata does reports for KTVU-TV as well as KITS 105.3. Radio stations tend not to like having their reporters share time with other stations, so this is not a widespread thing.

3. Yes, reporters do broadcast from real flying helicoptors or planes. They don't make the sound all staticky for entertainment.

4. The reason why reports tend to be "stale" is due to the programming of the radio station. The live reporters make a list of all the active events going on the highway network. They obviously can't be everywhere at every second (the Bay Area is pretty big, it takes a good half hour or more to fly from San Jose to Vallejo, for example), so they also try to

get information from CHP, the bridge authorities, cellular callers, and police scanners to come up with an accurate list. They use the most current list they have at the time the radio station wants them to broadcast a report. Yes, sometimes events may be several minutes old when they are broadcast.

I'm the first to admit that the reports are not the most comprehensive or "up to the second" as possible, but they are evidently accurate enough for many radio stations to hire their services.

Any questions, comments?

SethBY

6370. Re: Need freqs for AF Thunderbirds

Newsgroup: rec.radio.scanner
Date: 1994-07-14 21:33:31 UTC
From: cab@col.hp.com
Message-ID: <304avb$ruk@hp-col.col.hp.com>
Source record: 271824

> Would someone be so kind as to supply any known frequencies
> for the Air Force Thunderbirds.

Here's what I have, including the Blue Angels:

140.45 USAF Thunderbirds (air-air)
236.6 USAF Thunderbirds (air-air)
241.4 USAF Thunderbirds (air-air)
273.5 USAF Thunderbirds (air-air)
283.5 USAF Thunderbirds (air-air)
294.7 USAF Thunderbirds (air-air)
322.3 USAF Thunderbirds (air-air)
322.6 USAF Thunderbirds (air-air)
382.9 USAF Thunderbirds (air-air)
394.0 USAF Thunderbirds (air-air)
413.025 USAF Thunderbirds (gnd crew)
120.45 USAF Thunderbirds (operations)
141.85 ** USAF Thunderbirds (primary)
236.55 USAF Thunderbirds (solos 5+6)
250.85 USAF Thunderbirds (team ldr)

241.4 US Navy Blue Angels (air-air)
360.4 US Navy Blue Angels (air-air)
384.4 US Navy Blue Angels (air-air)
395.9 US Navy Blue Angels (air-air)
142.0 US Navy Blue Angels (alpha)
143.6 US Navy Blue Angels (alternate)
143.0 US Navy Blue Angels (bravo)
251.6 US Navy Blue Angels (control)
275.35 US Navy Blue Angels (control)
250.8 US Navy Blue Angels (solos)

** They used this freq for the USAFA graduation last month.

6371. Where in the World is that Aircraft?

Newsgroup: rec.radio.scanner
Date: 1994-07-14 21:34:17 UTC
From: Alfie@portrush.demon.co.uk
Message-ID: <774221657snz@portrush.demon.co.uk>
Source record: 271745

Help wanted
In the June issue of Monitoring Times John Catalano reviewed a Shareware
progam called WORLD 29.It is available on Amsofts World Of Ham Radio CD-ROM
Can anyone tell me if it can be got via the Internet either by FTP or Telnet?
For anyone who does not read Monitoring Times, this program plots the
position of aircraft on a World Map. Any replies either to this Newsgroup
or directly to alfie@portrush.demon.co.uk

Alfie McAfee

6372. Mods for Uniden BC 855 XLT?

Newsgroup: rec.radio.scanner
Date: 1994-07-14 21:36:34 UTC
From: stoll@hypnos.norden1.com
Message-ID: <304b52$611@ns.oar.net>
Source record: 271823

Does anyone know of any modifications for the bc 855 xlt? Specifically
I would like to recceive the military air band which is "not supported
by my unit". I realize that this is a fairly simple receiver, but I have hope
that the one big IC does not control all frequencies.
Thanks,
Brian

--
stoll@norden1.com

6373. Need Reuter's HF RTTY freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-14 21:57:48 UTC
From: andy@eleet.mimuw.edu.pl
Message-ID: <304ccs$o03@ghost.mimuw.edu.pl>
Source record: 271811
Cross-posted to: rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Hi,

the title sais it all but once more: I need a list of HF RTTY (or simmilar)
frequencies, on wich one could receive REUTER's news bulletins.

I've seen some press agencies on HF, but never Reuter - and I've heard that
they still use HF.

--

73 de Andy SP5WCA

/------------------+--------+------------------+------------------------\
I Andrzej K. Brandt I SP5WCA I andy@mimuw.edu.pl I andy@sp5wca.ampr.org I
\------------------+--------+------------------+------------------------/
I I
I "Evil indeed is the man who has not one woman to mourn him." I
I I
I --- Dr. Watson in "The Hound of the Baskervilles" I
I I

6374. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-07-14 22:03:00 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-140794134730@m12117.esl.com>
Source record: 271817

In article <1994Jul8.163252.11934@enterprise.rdd.lmsc.lockheed.com>,
glyle@isadora.seas.ucla.edu (George Lyle (233789)) wrote:

> In article <2d.8405.603.0N850920@exchange.com>, john.tant@exchange.com (John Tant)
writes:
> |> >Message-ID: <2vck1l$555@bambam.cts.mtu.edu>
> |> >Newsgroup: rec.radio.scanner
> |> >Organization: Michigan Technological University
> |>
> |> >Victor Healey (vhealey@crl.com) wrote:
> |> >
> |> >Jeff I agree. Radio shack tends to employ folks little more then the
> |> >street people that salvage the dumpsters behind the grocery stores. I
> |> >never trust anything they have to say of a technical nature and seldom
> |> >trust them to even know what radio shack currently sells.
> |> >
> |> > <snip-o-rama>
>
> |> Tom,

I went to my local Radio shack Saturday, and while I was there I asked
to take a look at the *NEW* PRO-2006 scanner they had on the shelf.
Well the sign under it said "NEW". When I looked closely at it I
realized that not only was it NOT new but it wasn't even a 2006A. It
was an older 2006, because the display backlight switch still said
"Dimmer" instead of "Display" and the model # on the back was 20-145
and not 20-145A. The "A" model has been out for 2 years now, so this
NEW radio HAD to be more than 2 years old. I guess they don't sell
very well here in San Jose. The upshot of this is, just because Tandy
sent them a sign that says "*NEW*" for the PRO-2006 they put it on the
display hoping to sell it. So check the model number on the back first.
As far as I know, nobody has reported *actually* seeing a new non-
restorable PRO-2006B for sale in a store, only a sign that says *NEW*
on the existing stock.

Good scannin' to ya.
MAD

The opinions expressed here are | Covering 100KHz to 2GHz contiguous.
my own but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

6375. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-14 22:47:29 UTC
From: O1EVERT@VM1.CC.UAKRON.EDU
Message-ID: <16FF310845S86.O1EVERT@VM1.CC.UAKRON.EDU>
Source record: 271682

In article <sZJ9kiubGYW2066yn@access.digex.net>
domonkos@access.digex.net (Andy Domonkos) writes:

>Although on a reduced basis many TV news studios dispatch their crews
>on the 450-452 Mhz band. You'll also find the rush hour traffic reporters
>in their aircraft their. I listen to them regularly on my scanner for
>continuous traffic info...

Several radio stations around here use cell phones for their live remotes
instead of their 45x radios or their 165-175 Mhz radios (used to dispatch
reporters, etc.) Using cell phones has to be cheaper than maintaining other
transmitters, radios, renewing FCC licenses, etc.

I also heard that it was against the law to listen to these 450x frequencies
that radio and TV stations use for remotes, traffic reports, etc.

Can anyone verify this? (I think I read about it in Police Call.)

6376. Is my PRO-31 useless?

Newsgroup: rec.radio.scanner
Date: 1994-07-14 23:05:51 UTC
From: os2ace@ariel.ucs.unimelb.EDU.AU
Message-ID: <os2ace.774227056@ariel>
Source record: 271681

I have a PRO-31 scanner (yes it's old). Can it be modified to receive anything else?

Is there an FTP site where these modification files can be found?

Thanks.

6377. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-14 23:06:04 UTC
From: j4dice@aol.com
Message-ID: <304gcs$a55@search01.news.aol.com>
Source record: 271683

Curtis Wheeler (cgwh@chevron.com) wrote:
: I just recently started watching and contributing to this group and have some
: questions about a good portion of the discussions.

: What is the big attraction on the cellular channels?

Listening to the cellular channels certainly *is* boring as hell, but it is certainly helpful and interesting in certain situations to have the capability. Now I would never do such a thing, since it's illegal, but a friend of mine who listens to cellular from time to time has picked up a few 911 calls to the P.D. that people were making from their cell phones. He was then able to track the P.D. response to those calls from the beginning. It's also handy to have cellular capability when there is a P.D. situation going on. In addition to monitoring the P.D. tactical frequency, he has been able to monitor cell calls made from P.D. command posts during various hostage or similar situations.

Jim Fordyce
Coram, NY
j4dice@aol.com

6378. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-14 23:11:09 UTC
From: j4dice@aol.com
Message-ID: <304gmd$a8c@search01.news.aol.com>
Source record: 271684

In article <1994Jul14.165321.6220@adobe.com>, taft@mv.us.adobe.com (Ed Taft) writes:

>2. Some reporters serve multiple radio stations. You can hear a
>reporter give essentially the same report several times, but with
>different endings: "Back to you, Mike", "Back to you, Joe", etc.
>Sometimes the reporter varies the presentation for different stations.
>And some reporters adopt an entirely different style of speaking when
>giving a report than when talking at other times.
--

I've heard one traffic helicopter reporter in my area giving "exclusive" traffic reports for several area stations! 450-451 & 455-456 MHz are good places to listen for such reports.

Jim Fordyce
Coram, NY
j4dice@aol.com

6379. Re: }}4 Sale{{ Icom R-1

Newsgroup: rec.radio.scanner
Date: 1994-07-14 23:56:51 UTC
From: josephl@clark.net
Message-ID: <304jc3$14a@clarknet.clark.net>
Source record: 271822
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

Executive Protection Assoc (cntrspy@netcom.com) wrote:

: Used as a surveillance receiver

What frequencies?

6380. Re: 2006A Mod

Newsgroup: rec.radio.scanner
Date: 1994-07-15 00:29:08 UTC
From: gkd@wpi.WPI.EDU
Message-ID: <304l8k$eg5@bigboote.WPI.EDU>
Source record: 271676

In article <30453k$afm@hammer.msfc.nasa.gov>,
Richard M. Krum <richard.krum@msfc.nasa.gov> wrote:
>
>The 2006A has an on/off switch for the backlight in the display. The 2006
>has a dimmer control. That's the ONLY main difference that I'm aware of.

I thought the model number was still PRO-2006 in both cases; only the
catalog number changed to 20-145A when the dimmer switch was changed to
an on/off switch.

Greg

6381. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-15 01:11:26 UTC
From: hoagy@umcc.umcc.umich.edu
Message-ID: <304nnu$hml@umcc.umcc.umich.edu>
Source record: 271675

domonkos@access.digex.net (Andy Domonkos) did contribute said ASCII:
>A prank against a McD's employee is not the same as one against a cop,
>I don't think Jason or anyone w/common sense would do it. You obviously
>aren't aware of the pending law suits against McD's and other re;contaminated
>food thanks to some of their butt-headed employees. Prank-on Jason!
>
>Andy

How would it not be the same, concerning radio frequencies?
Is it because one is a "necessary" service and the other is not?

I'd also like a listing of all the lawsuits versus McD's, please.

Asking anyone to committ willful interference of a frequency
(why, it's even illegal to do it on CB frequencies) is nowhere
near mature.

Regardless of whether or not you like/dislike McD's, their service,
vigilante revenge via a radio is no way to get even.
--
....
Matt Rupert - 2984 Pheasant Run Dr. Apt D - Jackson MI 49202 - hoagy@ais.org
Personal Security / UNIX Enthusiast / Amatuer Radio - KB8SGL
Which is worse: ignorance or apathy? Who knows? Who cares?

6382. Re: Public Safety Trunking - why use it?

Newsgroup: rec.radio.scanner
Date: 1994-07-15 01:32:20 UTC
From: monty@pipeline.com
Message-ID: <304ov4$km2@pipe1.pipeline.com>
Source record: 271603

plaws@comp..uark.edu (Peter Laws) wrote:

>
>monty@pipeline.com (Bryan Montgomery) writes:
>
><...>
>
>>radios are programmed with 4 specific fire channels and 1
town
>>frequency. I know that both the EMS and the Police have at
>>least 2 frequencies each, then there is the water
~~~~~~~~~~~

>
>Try to think of them as talkgroups or modes as the
>suppliers call them.
>There is not a frequency assigned to each service, but
>a "virtual" or "soft channel.

You're right, it's easy to refer to talkgroups/channels as
frequencies, which of course they aren't. Sorry to add to the
confusion.
>
>When the excrement impacts the ventilation system, the
departments will be >surprised to find that only four
conversations can go on at once! (assuming >4 voice/1 data
pairs)
>

Yes and no. The system is prioritzied so that Police and Fire
have the two highest priorities. The town _tries_ to educate
users about the meaning of different tones and available
channels/talkgroups. Personally, I've not known this to happen
... yet.
>
>>These systems also have the capability of being re-programmed

>>on the fly so that water can communicate directly with fire
>
>Does your department actually do this? Cool. None of the
trunk systems I >have monitored have done this. They usually
wimp out and have a common group >for all services.
>

I've only known it to happen once, although they regularly
patch in other radio systems on mutal aid type calls.
~~~~~~~~~~~

>
>>Just my opinion - Bryan.
> ^^^^^^^^^^
>Mine is, that as a taxpayer, I have the right to listen to
what my >employees are doing. If the cops have something so
sensitive that they >don't want anyone to hear, they can use
the (relatively secure) landline.
>
>Peter Laws <plaws@comp.uark.edu> |"Let's make sure history
never forgets the
>n5uwy@ka5bml.#nwar.ar.usa.noam | name ...
>Enterprise" ST:TNG - 1987-1994

Glad there are still some people around who can discuss things
rationally!

6383. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-15 02:05:36 UTC
From: figmo@netcom.com
Message-ID: <figmoCsyLtD.4rB@netcom.com>
Source record: 271678
Cross-posted to: ba.broadcast,rec.radio.scanner

In article <1994Jul14.165321.6220@adobe.com> posted to the Usenet Newsgroup(s) rec.radio.scanner, taft@mv.us.adobe.com (Ed Taft) writes:

>You can quickly learn a couple of amusing things about traffic
>reporters (here in the San Francisco Bay area, anyway):
>
>1. Those "live, up-to-the-minute" traffic reports are actually taped.
>The reporter calls in: "Here comes my report. 3 - 2 - 1. Traffic on
>southbound 101 backed up at Lawrence Expressway [etc., etc.] Back to
>you, Mike." This report is recorded by the studio and broadcast
>during the next traffic report, as much as a half hour later.

SOME reports are pre-taped, but most of them ARE live. The only time they get taped are when a reporter needs to be on multiple stations at once.

>2. Some reporters serve multiple radio stations. You can hear a
>reporter give essentially the same report several times, but with
>different endings: "Back to you, Mike", "Back to you, Joe", etc.
>Sometimes the reporter varies the presentation for different stations.
>And some reporters adopt an entirely different style of speaking when
>giving a report than when talking at other times.

True. We call those different endings "lock-outs." Yes, we also DO vary our delivery to fit whatever station we're on.

--
Lynn Gold "net.fogey" figmo@netcom.com
(415) 968-7366 or lagold@us.oracle.com

"I want patience, and I want it NOW, DAMMIT!"

6384. Re: Freq. for Los Angeles area?

Newsgroup: rec.radio.scanner
Date: 1994-07-15 02:12:28 UTC
From: milcom@netcom.com
Message-ID: <milcomCsyM4t.M2z@netcom.com>
Source record: 271680

M Lang (mlang@inst-sun1.jpl.nasa.gov) wrote:
: IS there an electronic list of frequencies used
: by FD, PD around Los Angeles area? Thanks.

The fire uses 18 repeaters from 856 to 860mhz, the Khz are .2375 .4375
.9375 and .7625

The PD is in the 506 to 507mhz range with a 110.9hz PL.

--
POP: Persistant Online Procrastination milcom@netcom.com

6385. publish CTCSS tones/codes?

Newsgroup: rec.radio.scanner
Date: 1994-07-15 02:26:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <774242500.AA09386@rochgte.fidonet.org>
Source record: 271694

> From: wsmith@huey.csun.edu (Wayne Smith)
> Organization: California State University, Northridge

> As an interesting aside, I have had several (heated) discussions with
> Gene
> Hughes (sic) over whether or not PL's should be published. Gene does
> not publish them.

That's interesting. What is his rationale? My next book will include
CTCSS tones and DCS codes where I have been able to determine what they are.
I don't see a problem with that. It's too easy nowadays to obtain or build
equipment that displays the tones/codes in use anyway. They aren't a big
secret any more.

> Enjoy the hobby (while we still have one),

I'm with you on that!

==
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ, FLAG-1
Finger Lakes Alert Group (FLAG) founder
Western NY Shortwave & Scanner Listeners' Net Control Station
Internet david.stark@rochgte.fidonet.org [or] FLAG@rochgte.fidonet.org
Packet NF2G@WB2WXQ.#WNY.NY.USA.NA
==

6386. McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-15 02:28:01 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <774242500.AA09387@rochgte.fidonet.org>
Source record: 271695

> From: stessej@iia.org (Jay)
> Organization: International Internet Association.

> they usually give to the customers). It'll also be funny just to
> blast
> the orders while sitting in the parking lot. So much for privacy.

> We're going to try both of these things tomorrow. Anyone want to
> speculate on what'll happen????

I hope they take your scanner and CD player away and put you someplace
quiet for a while to think about how stupid that stunt is.

Email replies to: david.stark@rochgte.fidonet.org
Packet replies to: NF2G@WB2WXQ.#WNY.NY.USA.NA

6387. C.S.U.N. security freq.

Newsgroup: rec.radio.scanner
Date: 1994-07-15 02:34:38 UTC
From: hbcsc055@huey.csun.edu
Message-ID: <304sju$5r9@nic-nac.CSU.net>
Source record: 271679

Does anyone know the frequencies for Cal. State Northridge security?
They've been all over the school since the quake. Thanks.

6388. Pro2004 Keypad/Schematics

Newsgroup: rec.radio.scanner
Date: 1994-07-15 03:56:56 UTC
From: dab@kaiwan.com
Message-ID: <3051e8$547@kaiwan.kaiwan.com>
Source record: 271685

I'm doing some tinkering with my Pro-2004 in hopes of doing some remote control of it. Looking at the keypad interface, it's connected to the main CPU board by a 13-conductor header. I assume the keypad is wired as a 6x5 switch matrix with the other two leads being grounds... has anybody else tinkered with the keypad? Or even better, are schematics available for this scanner anyplace?

Doug

--
/*---*/
Doug Brandon Placentia, California dab@kaiwan.com

6389. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-15 04:19:30 UTC
From: rmike@FNALA.FNAL.GOV
Message-ID: <3052oi$jcj@fnnews.fnal.gov>
Source record: 271689

In article <2vvpqg$ph6@ankh.iia.org>, stessej@iia.org (Jay) writes:
>Jerry Smith (Jerry.Smith@f747.n115.z1.fidonet.org) wrote:
>: -=> Quoting Darrell A. Larose to All <=-
>
>: DAL> From: ad607@FreeNet.Carleton.CA (Darrell A. Larose)
>: DAL> Reply-To: ad607@FreeNet.Carleton.CA (Darrell A. Larose)
>: DAL>
>: DAL> In a previous article, siemer@umbc.edu (Mr. Henry Siemer) says:
>: >Anyone have the freqs for McDonald's drive-thru window?
>: >
>: >Thanks
>: MAJOR EDITING
> A friend of mine and I have come up with an idea that would put these
>freqs to good use. We're going to take my portable scanner, and hook one
>of those car portable CD converters(You know, the cassette tapes that
>have a headphone wire comming out for an input device) up to it. Then,
>when we get to the drive thru intercom, we're going to set the scanner to
>the right freq, and blast the stereo. That way it should(in theory)
>create a big amount of feedback to the person taking the orders(something
>they usually give to the customers). It'll also be funny just to blast
>the orders while sitting in the parking lot. So much for privacy.
>
> We're going to try both of these things tomorrow. Anyone want to
>speculate on what'll happen????
>
>
>--
>T / / / / \ \ |stessej@iia.org| -----[Jay Stess#####]
>R / /___ / /___ \ \ ----------------- / |%%%%%\[Of New Jersey]
>S /_____/ /_____/ \ ____ ____ | |%%%%%%\[Hockey Playr]
> O O O O O O O O _____\ <____> | |%%%%%%%\[6/5/94sig##]

.Well lets see the FCC will get you to Jail and a Large fine,
.McDonalds will in all probability have a Legal Field Day with you,
.And lets not for get about a Police Record so that when you go fine a
.real job the will check you're police record and find out that you love
.to play pranks,an no Employer worth their salt wants a goofball like that!
.So theirs my 2cents worth for what is worth.
.73's
.Mike/N9SAV
.Try NIARC-146.58R/147.66T

."I wish I could spell"
.my disclamer

6390. Re: Pro2004 Keypad/Schematics

Newsgroup: rec.radio.scanner
Date: 1994-07-15 05:05:09 UTC
From: henniger@crl.com
Message-ID: <3055e5$4d@crl2.crl.com>
Source record: 271691

dab@kaiwan.com (Doug Brandon) writes:

>I'm doing some tinkering with my Pro-2004 in hopes of doing some remote
>control of it. Looking at the keypad interface, it's connected to the
>main CPU board by a 13-conductor header. I assume the keypad is wired
>as a 6x5 switch matrix with the other two leads being grounds... has
>anybody else tinkered with the keypad? Or even better, are schematics
>available for this scanner anyplace?

> Doug

Sorry for the 8 bit graphics, but here is the way the CN601
13 pin connector on my pro-2005 and pro-2006 look. Hopefully
it's the same on your 2004:

```
[08] [07] [06] [05] [04] [03] [02] [01]
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | --1------2------3------[09]
| | | | | | | |
--L/O--SCAN---SPEED----UP----PGM----4------5------6------[10]
| | | | | | | |
--RST--DELAY---MOD----DOWN---ENT----7------8------9------[11]
| | | | | | | |
--MON---L/O----STEP--DIRECT--CLR----0------.-------------[12]
| | | | | | |
| | | | | | | GROUND--[13]
```

Mick
(wb5von)

6391. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-15 05:16:09 UTC
From: david@roth-music.com
Message-ID: <0105009A.4n1e81@david.roth-music.com>
Source record: 271686

In article <vMJ9kiubG-bE066yn@access.digex.net> (rec.radio.scanner),
domonkos@access.digex.net (Andy Domonkos) writes:
>
> In article <302ttt$e21@umcc.umcc.umich.edu>, Matthew Rupert wrote:
> >
> > It's called "harmful interference", and since it's willful, the persons
> > doing it are liable for civil and criminal lawsuits.
> >
> > For the sake of those who would scream "Oh, it's not a big deal",
> > I'd love to see anyone do this to a cop while he's transmitting.
> > Ask him if he thinks it's cute, his 50 thinks it's cute, and
> > the FCC would think it's cute.
> >
> > McDonalds may be a rather sad example of commercial radio, but they
> > do have rights. So, tread lightly, if at all.
> >
> >
> > --
> > ....
> > Matt Rupert - 2984 Pheasant Run Dr. Apt D - Jackson MI 49202 - hoagy@ais.org
> > Personal Security / UNIX Enthusiast / Amatuer Radio - KB8SGL
> > Which is worse: ignorance or apathy? Who knows? Who cares?
>
> A prank against a McD's employee is not the same as one against a cop,
> I don't think Jason or anyone w/common sense would do it. You obviously
> aren't aware of the pending law suits against McD's and other re;contaminated
> food thanks to some of their butt-headed employees. Prank-on Jason!
>
> Andy
>

If you really want to throw a wrench into the works at McDonalds that
is perfectly legal, just place a grill order. :-)

David

6392. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-15 05:17:24 UTC
From: david@roth-music.com
Message-ID: <0105009A.4n1gk3@david.roth-music.com>
Source record: 271687

In article <AXJ9kiubGgY9066yn@access.digex.net> (rec.radio.scanner), domonkos@access.digex.net (Andy Domonkos) writes:

> In article <302kl3$ejv@crl.crl.com>, James C. Schumann wrote:
> > Because it's there, or not there. You have a scanner with frequency
> > chunks missing and so you either dig up the mods for the model, or figure
> > them out. Then you take the plunge and void your warranty and listen for
> > all of twenty minutes or so to boring cellular conversation. Whoop-de-do.
> >
> > People with cellular phones know that their conversations are not
> > private, alter all they are usually driving around. Now cordless phones
> > are more interesting. These you can listen to for a full thirty minutes
> > before you O.D.
> >
> > And yes the PD, FD, and other emergency traffic is much more
> > interesting. I enjoy knowing what is happening in the city (San
> > Francisco) that never hits the newspapers, which can get rather amazing.
> > But monitoring phone calls, bleah. You'll get over it.
> >
> >
> > James Schumann, KE6DMY
> > schumann@crl.com
> >
>
> You know you've got scanner overload (boredom) when you ignore the cellular
> and PD calls and listen to the polar-orbitting weather satellites when
> they pass overhead...time to pull the plug...
>
> Andy

Hmmm...what freqs are those ? :-)

David

6393. Re: Need AOR-3000 Software/Info

Newsgroup: rec.radio.scanner
Date: 1994-07-15 05:29:05 UTC
From: ahb@dolby.com
Message-ID: <305738$t0i@news.cerf.net>
Source record: 271692

Brett:
There are several decent programs to run the AOR-3000A.
The one I prefer is made by Gesmundo Software in Michigan. I have not been able to contact them in the last year so they may be out of business.

The best fallback program is ScanCat Pro from Computer Aided Technologies, PO Box 18292, Shreveport, LA, 71118, 318-636-1234. It allows for a database of frequencys and full radio control.

If you live in the Windows World, there are some good programs up on CompuServ that were written in Visual Basic. Take a look around.

Let me know what you think
de Alan WA6DNR
ahb@dolby.com

6394. Subcarriers

Newsgroup: rec.radio.scanner
Date: 1994-07-15 05:52:36 UTC
From: linley@netcom.com
Message-ID: <linleyCsywBo.52t@netcom.com>
Source record: 271701
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I found a flyer on the bus that had a picture of a GE SuperRadio III on it so naturally I picked it up. It turns out that the flyer was as ad for a 'specially equipped' GE superradio that would pick up Mormon religious programs which are transmitted on the subcarriers of certain broadcast FM stations (like KBIG in L.A., WMXV in New York, WTMX in Chicago, KISN in Salt Lake City (of course), etc.) Anyway, you had to order the radio preprogrammed to receive Mormon broadcasts in the city of your choice. What I want to know is, is there any type of general subcarrier coverage radio/scanner? How exactly do subcarriers work? I get the feeling that there might be a whole new world of scanning out there hiding in other broadcasts' subcarriers. Or has the FCC outlawed subcarrier scanning because you're 'decoding scrambled transmissions' or some such?

--
Bruce James Robert Linley linley@netcom.com

6395. Re: Police & Medical Helo's

Newsgroup: rec.radio.scanner
Date: 1994-07-15 05:53:53 UTC
From: msaran@olympus.net
Message-ID: <30589h$4mc@olympus.net>
Source record: 271693

In Washington State (Airlift Northwest) the dispatch is done on 155.295
and the report to medic MD is on one of our group of Med-com freq's
(462.95 to 463.175).
--
Mark Saran
msaran@olympus.net

6396. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-15 06:39:48 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jul15.063948.26424@hpcvaac.cv.hp.com>
Source record: 271699

hoagy@umcc.umcc.umich.edu (Matthew Rupert) writes:
: domonkos@access.digex.net (Andy Domonkos) did contribute said ASCII:
: >A prank against a McD's employee is not the same as one against a cop,
: >I don't think Jason or anyone w/common sense would do it. You obviously
: >aren't aware of the pending law suits against McD's and other re;contaminated
: >food thanks to some of their butt-headed employees. Prank-on Jason!
:
: How would it not be the same, concerning radio frequencies?
: Is it because one is a "necessary" service and the other is not?

Exactly. There is nothing to involve the FCC, since you are not transmitting,
or receiving illegal frequencies.

However, do it to a cop, and you are interfering with the performance of
his duties - a misdemeanor at least, and possibly a felony.

: Asking anyone to committ willful interference of a frequency
: (why, it's even illegal to do it on CB frequencies) is nowhere
: near mature.

They are not creating any interfering signal - that is what you cannot
seem to grasp, even though you have been told several times.

I do agree that is a childish prank.

: Regardless of whether or not you like/dislike McD's, their service,
: vigilante revenge via a radio is no way to get even.

Agreed.

Bill

6397. Re: 2006A Mod

Newsgroup: rec.radio.scanner
Date: 1994-07-15 06:42:36 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jul15.064236.26489@hpcvaac.cv.hp.com>
Source record: 271700

plaws@comp..uark.edu (Peter Laws) writes:
: mhandley@bga.com (Merlin Handley) writes:
:
: >Can anybody figure this out? A recently modified 2006A can now get
: >cellular frequencies. Even after using the reset button on the back
: >panel it will not step at 30kHz. It will step at 5, 12.5 and 50 kHz just
: >fine but can't be made to step 30kHz. Any suggestions?
:
: You refer to the 2006A. Are we to take this as proof that the 2006A is,
: in fact, um, "upgradeable to full 800 MHz coverage"?

The 2006A has been out for about two years. It is easily restorable.

Bill

6398. NOTENNA

Newsgroup: rec.radio.scanner
Date: 1994-07-15 06:58:21 UTC
From: jeff.wright@chrysalis.org
Message-ID: <9407150658.09SML00@chrysalis.org>
Source record: 271702

I am curious to see if anyone has any experience with the Grove NOTENNA. It looks like this antenna just grounds the scanner to your car. Does anyone know if it works? Does anyone out there have one?

Just bought a new car and don't want to install an external antenna yet...

Any replies are appreciated.

6399. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-15 07:01:28 UTC
From: dk@crl.com
Message-ID: <305c88$lms@crl.crl.com>
Source record: 271696
Cross-posted to: ba.broadcast,rec.radio.scanner

Seth Bennett Young (sethby@uclink.berkeley.edu) wrote:

: 1. Traffic Reports are NOT taped, except in extreme cases where a
: reporter cannot make a live broadcast.

Funny, Joe McConnell himself told me that the KQED reports were taped because they conflicted with somebody else's. But, I'm with you -- it's only a matter of a few minutes.

: I can't recall any reporter using the same "stage name" for more than one
: station. Actually, I can think of two off the top of my head.

Angie Coiro uses her name for multiple stations. Since she also board ops at KQED and occasionally at KALW, it appears that she never sleeps. But true, I've only heard her stage names at one station each.

: 3. Yes, reporters do broadcast from real flying helicoptors or planes.
: They don't make the sound all staticky for entertainment.

I had heard that Sal Castaneda and Lin Durling (at KGO) both rode in the same copter. This is only hearsay. Heck, if they're going to be flying planes and copters they may as well pack 'em with people.

--
dk@crl.com Governor Pete Wilson is cutting $8 million from
San Francisco SF General Hospital -- it's in danger of closing

6400. better antenna

Newsgroup: rec.radio.scanner
Date: 1994-07-15 07:52:26 UTC
From: hbcsc055@huey.csun.edu
Message-ID: <305f7q$l1q@nic-nac.CSU.net>
Source record: 271698

I recently purchased a Pro-2032. I'm just using the small wick antenna that it came with. Would I get any better reception with a 40" wick that Radio Shack sells for $9.99? Or should I just go for an outdoor antenna? Thanks.

6401. Re: What the heck is "PDO" stand for??

Newsgroup: rec.radio.scanner
Date: 1994-07-15 12:53:37 UTC
From: maenpaj@rtsg.mot.com
Message-ID: <3060sh$37d@delphinium.cig.mot.com>
Source record: 271733

In article <303p8a$4rs@search01.news.aol.com>, feelym@aol.com (FEELYM) writes:
|> I often hear the abbreviation "PDO" used by the sherriff dept. in my area.
|>
|> Can anyone tell me what it means??

If its used in context to a 10-50 (Motor Vehicle accident) PDO means "Property Damage Only" out here in the Chicago suburbs. PI means "Personal Injury."

John WB9JEJ maenpaj@rtsg.mot.com

6402. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-15 13:18:37 UTC
From: jason.al-shawy@ectech.com
Message-ID: <940715211758525@ectech.com>
Source record: 271740

```
-> Internet: steven@sgb.oau.org | Steven G. Bradley
-> steven@gate.net | Forest City, Florid
-> steven@transquest.oe.fau.edu |--------------------
-> CompuServe: 73232.505@compuserve.com | Phone: 407/862-72
-> America Online: sgbradley@aol.com | Modem: 407/862-80

You got everything except fax? Where's the fax #? :))))
```

6403. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-15 13:34:07 UTC
From: pdennis@vnet.ibm.com
Message-ID: <19940715.093407.640@vnet.ibm.com>
Source record: 271704
Cross-posted to: ba.broadcast,rec.radio.scanner

Just thought I'd throw out a couple of comments...

Though I've only been scanning for a year or so, I have followed Metro Traffic in the D.C. area the whole time. In that year, I have only heard three reports get taped. One thing I have found worth while is monitoring the Metro Traffic repeater. Here in D.C it is 455.9125, and you hear all of the various planes feeding the information as they see it to the Metro Traffic base station. This provides much more detailed (and up to date) information than simply scanning 10 or so reporters repeating this information. Plus you don't have to listen to the commercial bite at the end of the report.

Shadow traffic has just started up in the past 6 months or so in this area and I have yet to find any of their frequencies. I do monitor their live reports to one of the radio stations though.

```
************************************************************
*Thanks to the Interstate Highway System, it is now possible*
*to travel across the country from coast to coast without *
*seeing anything. --Charles Kuralt `-_-' *
* 'U` *
*ALL STANDARD DISCLAIMERS APPLY, Next time, *
*PDENNIS@VNET.IBM.COM A.K.A. PHIL DENNIS take the train! *
************************************************************
```

6404. Re: Subcarriers

Newsgroup: rec.radio.scanner
Date: 1994-07-15 14:39:21 UTC
From: joe@netcom.com
Message-ID: <joeCszKpL.Fp7@netcom.com>
Source record: 271708
Cross-posted to: rec.radio.scanner,alt.radio.scanner

What is available on FM subcarrier is variable depends on your location. Here in Chicago you can find Chinese and Greek "narrowcast" broadcasts, Talking Book for the Blind, Commodity reports, and MANY digital signals including Mainstream (most real-time newswires).

You need to buy or make a unit to tune both 67khz and 92khz in order to hear multiple subcarriers. The Elving FM directory in the best published book on frequencies and SCS (800-944-0630), IMHO, makes the best demodulator SCA board and modified Superradio. I've been a happy customer of SCS's super modified (4 SCA frequencies) Superradio III.

--Joe Jesson

--

Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046

6405. Re: Uniden repair time

Newsgroup: rec.radio.scanner
Date: 1994-07-15 14:44:58 UTC
From: gxl@ElSegundoCA.NCR.COM
Message-ID: <6425@tdbunews.teradata.COM>
Source record: 271707

I just had my BC200XLT worked on, It took about 3 weeks.

Gordon Lee | Phone : (310) 524-6196
AT&T Global Information Solutions | FAX : (310) 524-5512
100 N. Sepulveda Blvd. |
El Segundo, California 90245 |
Gordon.Lee@ElSegundoCA.NCR.COM |

6406. FTP site for Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-15 14:47:53 UTC
From: shaub@cs.uwp.edu
Message-ID: <3067ip$9bd@cs.uwp.edu>
Source record: 271705
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I'm new to this, but it would seem to me that an FTP site to store FREQs would be a good idea. I have a few hundred megs of space on my machine (FREQs compress rather nicely), which is always up and running an FTP server.

If people would send me FREQs by state and function, I would make them available via anonymous FTP.

By the way, what are the legalities of this? Is this not public information distributed free?

Any opinions or flames accepted.

--
=-=

Jeff Shaub - University of Wisconsin-Parkside
shaub@cs.uwp.edu - Computing Support Center
(414)595-2005 - Kenosha, WI 53141

6407. Pro 2006 poor reception

Newsgroup: rec.radio.scanner
Date: 1994-07-15 14:55:33 UTC
From: briskin@binah.cc.brandeis.edu
Message-ID: <1994Jul15.145533.9702@news.cs.brandeis.edu>
Source record: 271706

I just bought a Pro2006 to replace my Pro2021. And while I do love the advanced coverage and features of the 2006, one thing I have noticed is that its reception using the supplied antenna is far inferior to that of the 2021. I live around 15 miles outside of Boston, and the 2021 could pick up most Boston police and fire frequencies (in the 460 range) fairly well, even with the squelch at full blast. The 2006, on the other hand, only occasionally picks up one of the Boston frequencies, and not with great clarity. I also tried using the RS telescoping indoor antenna, which attached directly to the phono plug of the Pr02021 but needed a phono to BNC adaptor to attach to the 2006 (why doesn't RS make this antenna with a BNC adaptor?), and the results were the same: Pro2021 good reception, Pro2006 lousy. I don't have room for an outdoor antenna. Is anyone else having similar problems, and does anyone have any recommendations for a good indoor antenna system that doesn't requires miles of wire snaking all over the place? Any comments would be appreciated.

Jeff Briskin
Brandeis University

6408. Re: What the heck is "PDO" stand for??

Newsgroup: rec.radio.scanner
Date: 1994-07-15 14:55:40 UTC
From: <>
Message-ID: <30681c$oor@wizard.uark.edu>
Source record: 271727

feelym@aol.com (FEELYM) writes:

>I often hear the abbreviation "PDO" used by the sherriff dept. in my area.

>Can anyone tell me what it means??

Maybe if you were to cite the context that it's used in.

That's the key to figuring out what's being said on the radio (especially cops). If they say there is a "code 2 driver operating erratically on route 16" you can be pretty sure that "code 2" means DWI/OUI.

Peter Laws,
Associate Editor - Arkansas,
RCMA _Scanner Journal_,

Peter Laws <plaws@comp.uark.edu> |"Let's make sure history never forgets the
n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise" ST:TNG - 1987-1994

6409. Re: 2006A Mod

Newsgroup: rec.radio.scanner
Date: 1994-07-15 15:19:12 UTC
From: <>
Message-ID: <3069dg$p24@wizard.uark.edu>
Source record: 271728

billn@hpcvaac.cv.hp.com (bill nelson) writes:

>plaws@comp..uark.edu (Peter Laws) writes:

<...>

>:
>: You refer to the 2006A. Are we to take this as proof that the 2006A is,
>: in fact, um, "upgradeable to full 800 MHz coverage"?

>The 2006A has been out for about two years. It is easily restorable.

OK - my (feeble) understanding was that the "A" was the newer, post April
26, non-upgradeable version. Guess not. What is the difference, then?

How would one tell a "new" PRO-2006 (or -43) from an old one?

Peter Laws <plaws@comp.uark.edu> |"Let's make sure history never forgets the
n5uwy@ka5bml.#nwar.ar.usa.noam | name ... Enterprise" ST:TNG - 1987-1994

6410. Re: Mcdonald's Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-15 15:41:00 UTC
From: Joel.Kahn@f239.n109.z1.fidonet.org
Message-ID: <bb2_9407160001@blkcat.fidonet.org>
Source record: 271736

QUOTED FROM MAIL:
>From: hughem@netcom.com (Hugh Hemington)
WHO QUOTED FROM:
nick@garlic.com
HU>: Mr. Henry Siemer (siemer@umbc.edu) wrote:

HU>: : Anyone have the freqs for McDonald's drive-thru window?

HU>OK... I just gotta ask! What is the attraction of listening to Some
HU>minimum wage dufus saying "...2 macs, medium coke, chocolate shake,
HU>fries..."? Am I missing something? Have McDonalds employees developed
HU>some incredibly intertaining banter? Or is this just idle curiosity?

Hugh: Its more fun to put your programmable ht on either the rx or tx
freq (many are split) and add comments/orders at low power from the
parking lot!

* SLMR 2.1a * ....Very Funny Scotty, Now Beam Down My Clothes !!

Fidonet: Joel Kahn 1:109/239
Internet: Joel.Kahn@f239.n109.z1.fidonet.org

6411. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-15 15:47:29 UTC
From: tweek@netcom.com
Message-ID: <tweekCsznv5.1nv@netcom.com>
Source record: 271710

billn@hpcvaac.cv.hp.com (bill nelson) writes:
>
>However, do it to a cop, and you are interfering with the performance of
>his duties - a misdemeanor at least, and possibly a felony.

Are you kidding? The cop isn't going to spend the time to search out
the proper citation code.... nooo, besides, too much chance of a good
lawyer asking "Why is sitting in a donut shop parking lot a duty?"...
The cop will just look over your car... "Sir, did you know you have a
busted tail light?... [crack]... Oop's I just noticed your headlight
too... [crunch]... your also dragging your tailpipe... [blam] and your
leaking oil all over the road... sir, I have to search the inside of
your car... Whoa Nellie... did you know that your speedometer goes up
to 140mph [crash] Oh... but it's broken... sir, I'm sorry, but this
vehicle is unfit for the roads. We are going to have to impound it. Oh
what's this... hmm, a scanner... you probably don't want to leave this
in the vehicle... never can trust the impound yard folks... here, maybe
you should keep this with you [rip] [crash] Oops, sorry, I guess I just
have butter fingers... let me get a broom from my car and I'll sweep it
up for your [clop clop crunch clop] oops, sorry... "

6412. Comments Solicited On The

Newsgroup: rec.radio.scanner
Date: 1994-07-15 16:05:00 UTC
From: Joel.Kahn@f239.n109.z1.fidonet.org
Message-ID: <bb3_9407160001@blkcat.fidonet.org>
Source record: 271737

LE>From: lee@tosspot.sv.com (Lee Reynolds)
LE>Newsgroups: rec.radio.scanner
LE>Organization: Ludus Associates, Incorporated.

LE> I notice my friendly neighborhood Damark catalog is pushing the
LE>BC220XLT and BC120XLT. Prices are $250 and $170 respectively.
LE>Anyone have comments on price and features/value for money of these
LE>things? I presume that they cover cellular as well? (Given that you get
LE>old stock rather than new?) Are they still current offerings from
LE>Bearcat?

Lee : Caveat Emptor! Look carefully for the words "reconditioned" Most
scanners and such in Damark are either old lot or factory reconditioned
equipment, which is not to say that you might not be getting a good
deal, just compare the reconditioned price to that of a new unit from
some of the mail order scanner places.

* SLMR 2.1a * ....Very Funny Scotty, Now Beam Down My Clothes !!

Fidonet: Joel Kahn 1:109/239
Internet: Joel.Kahn@f239.n109.z1.fidonet.org

6413. Re: Nuts & Volts mag

Newsgroup: rec.radio.scanner
Date: 1994-07-15 16:14:43 UTC
From: bjh@northshore.ecosoft.com
Message-ID: <306clj$kkg@northshore.ecosoft.com>
Source record: 271709
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

In <302c4v$12q@enterprise.america.com> manson@enterprise.america.com (Charles Manson) writes:

>gcracker@netcom.com writes:
>sure is

>>Is the Nuts & Volts mag worth the subscription price?

>>gcracker@netcom.com

Call them (sorry, I don't nave the number handy). They will send a sample issue, gratis.

Brian

6414. BC8500 mod???

Newsgroup: rec.radio.scanner
Date: 1994-07-15 16:23:16 UTC
From: gregt@byter.win.net
Message-ID: <13@byter.win.net>
Source record: 271712

I have a good friend who recently purchased the newest version of
the BC8500 Scanner. He was advised that older units of this model
could be modified for recieving Cellular frequencies...but that
the newer units cannot. Is this true?????
If it is possible to modify the newer units I would appreciate
knowing how to do this. Thank you for your attention.

Greg Therrien
Compuserve: 72370,3212
Internet: gregt@byter.win.net

6415. Re: Nuts & Volts mag

Newsgroup: rec.radio.scanner
Date: 1994-07-15 16:45:52 UTC
From: khansen@pluto.njcc.com
Message-ID: <306eg0$32t@pluto.njcc.com>
Source record: 271711
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

gcracker@netcom.com wrote:
: Is the Nuts & Volts mag worth the subscription price?

I just got a complimentary issue, and it looks OK, but only for the ads,
the articles did not appear very interesting to me...

Get an issue and see what you think - they are very willing to send out
trial issues (without obligation...)

Ken

6416. Re: 3 Pro 43 non A's left in Goleta

Newsgroup: rec.radio.scanner
Date: 1994-07-15 17:39:50 UTC
From: steven@sgb.oau.org
Message-ID: <Cszt2G.ADz@sgb.oau.org>
Source record: 271726
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Tim Foecke (tfoecke@nist.gov) wrote:
: > The Radio Shack in Goleta, California has 3 non A, modifiable Pro 43's
: > left in stock as of this afternoon.
: >

: What is the change in the model/FCC/serial number that indicates a 43-A?

They are the Radio Shack Rejects. They were rejected to the U.S.
due to not having a FULL 800 Mhz section. It's missing two
ranges. It is impossible to test for interference from Cellular
Transmitters using one of these scanners (the ECPA act specifically
permits this USE of monitoring cellular, how is the FCC planning
to permit sales of equipment to comply with this specific
activity???)

In any event, say NO to U.S. Dealers trying to sell non-restorable
scanners. Tell'em "SEND THEM BACK TO THE FACTORY, WE DO NOT, AND
WILL NOT BUY THEM", then using the phone and your credit card and
order from Canada or overseas.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6417. McDonnell Douglas ST.Louis

Newsgroup: rec.radio.scanner
Date: 1994-07-15 18:14:27 UTC
From: gregt@byter.win.net
Message-ID: <14@byter.win.net>
Source record: 271714

Does anyone know the current frequency for the McDonnell Douglas
Guard Services (Security Dept.) for the plant in St.Louis. I had
this frequency until they recently changed it. I believe they
moved up to the 800+ Mhz range.
Thank you for your consideration.
Greg
Compuserve: 72370,3212
Internet: gregt@byter.win.net

6418. Any Mods for pro2023

Newsgroup: rec.radio.scanner
Date: 1994-07-15 18:27:37 UTC
From: sam@gold.gvg.tek.com
Message-ID: <306kep$q7@gv-gate.gvg.tek.com>
Source record: 271713

Greetings fellow scanning types!

with all the requests for modifications I've seen in this group, I'll think I'll add one that I haven't seen.
does anyone no of any mods for the Pro 2023 Scanner?
any info would be greatly appreciated.

Thank you
-Scott Matheson

6419. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-15 19:26:34 UTC
From: linley@netcom.com
Message-ID: <linleyCszy0A.5DB@netcom.com>
Source record: 271716

In ye olden post billn@hpcvaac.cv.hp.com (bill nelson) spake...
>
>[idea for using car stereo connected to scanner creating feedback to
> McDonalds intercom units deleted]
>
>: Asking anyone to committ willful interference of a frequency
>: (why, it's even illegal to do it on CB frequencies) is nowhere
>: near mature.
>
>They are not creating any interfering signal - that is what you cannot
>seem to grasp, even though you have been told several times.

Agreed. If my neighbor is playing his stereo real loud while I'm trying to
talk on a CB, I can do nothing to him based on _FCC_ rules. He's not
transmitting any radio waves (no radio waves = no FCC jurisdiction). Get
a clue people!

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur radio: KE6EQZ
-=-=-=-=-=-=-=- "Another visitor. Stay a while.... Stay FOREVER!" -=-=-=-=-=-=-

6420. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-15 19:34:47 UTC
From: schuh@zeno
Message-ID: <306ocn$gff@balsam.unca.edu>
Source record: 271751

```
Ryan McDonald (mryanc@tamucc.edu) once wrote:
: Isnt It great how someone will quote a 100Mb article and add one or two
: lines of his own? Hey, I hear AOL is hiring!
: ____________________________________________________________________________
:| | |
:| Hot Flaming Death to Pee-Cee, | In the beginning, there was nothing. |
:| MS-DOG, Windoze, & MacIntrash | And God said ,"LET THERE BE LIGHT!" |
:| | |
:| >>>> AMIGA RULEZ! <<<< | There was still nothing, |
:| | but now you could see it. |
:| mryanc@tamucc.edu | |
:|_____________________________________|_____________________________________|

Couldn't be as bad as someone with an oversize signature...

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu
```

6421. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-15 20:08:04 UTC
From: jim4dice@aol.com
Message-ID: <306qb4$rti@search01.news.aol.com>
Source record: 271717

In article <304a0u$9om@thecourier.cims.nyu.edu>,
jackson@longlast.cs.nyu.edu (Steven Jackson) writes:

>WCBS in New York is very much live. Philadelphia is taped as you
>say, but I tested CBS-NY the day I moved there. If you're a serious
>commuter, you can stick 450.850 in one of your scanner's channels and
>get a traffic report "every 10 minutes on the eights!" during rush
>hours. :) Of course, NYPD xmits so much on some channels, the repeater
>barely gets to take a breath, so you may miss some of the reports if
>you have a busy channel being scanned.

I have WCBS traffic copter as 450.0875 & have heard it there. Are you
sure 450.850 is correct?

Jim Fordyce
Coram, NY
j4dice@aol.com

6422. Desolder-free cell mod for the Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-07-15 20:11:33 UTC
From: tfoecke@nist.gov
Message-ID: <9407151611.AA33723@steel.nist.gov>
Source record: 271720
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I was somewhat intimidated with the Pro43 mod as presented in all of the postings I have found (not wanting to fry the board, etc) so I took the advice of someone on the net (sorry, I don't remember who, but thanks!) and went after the D4 diode without desoldering the unit. I bent up the left contact for the battery pack to get it out of the way and tilted the unit bottom up at about an 80 degree angle under a binocular microscope, and was able to see the row of diodes. It was easy to distinguish the D4 one, and I used a whittling knife to carefully scrape the solder off the top of the contact for the diode, wedged the knife under D4 and pried it up clear of the board. Works great!

Yeah, I don't get 51-88 Mhz, but I already have a TV . . .

6423. Re: Opinions on 900MHZ cordless phones wanted

Newsgroup: rec.radio.scanner
Date: 1994-07-15 20:16:08 UTC
From: guillory@blkbox.com
Message-ID: <306qq8$rl0@blkbox.blkbox.COM>
Source record: 271718

Matthew Roth (cardinal@bu.edu) wrote:
: I'm currently on the market for a 900 meg cordless phone. I'd like to
: know wants out there and what people think the best ones are. The two
: features that are most important to me are range and sound quality. Two
: line capablity might be nice, but it's not a real big deal. Any help
: will be greatly appriciated.

My first 900mhz cordless was a Tropez model. (The first one to come out).
After the battery went within a month and it stopped working I made the store
take it back and trade for a Panasonic KX-T9000R.

I really think that the Tropez had not worked out bugs in the
manufacturing process in the early days. A lot of people I know have
purchased recent models and are quite happy. I do like the random
security code selection each time you replace the phone in the cradle.

THis week I just received a catalog from Hello Direct (1-800-HI-HELLO)
which is a specialty phone catalog. Tropez now has 4 models now. A basic
phone ($229), a speaker phone model ($299), a 2 line model ($399), and a
model with headphones on the remote ($479).

I think these may be available elsewhere. Hello does seem to run a bit
higher that other places although I havn't seen these phones in other
catalogs.

I still like the Panasonic with it's small size, and dual batteries.
(One hint: Batteries are usually NOT covered by warranty. So never buy
replacements from the dealer where you got the phone. Mine wanted almost
$60 for a panasonic replacement battery. [The battery has a special case
that snaps on the back of the phone.] I carefully pried apart the case
and found the clasic 4 nicad in series power source. A trip to the
electronic parts house and I found one for $13. Solder the leads, snap
the case back together, and fire it up.)

My opinion, of course.

Perhaps this should be in alt.dcom.telecom

George Guillory, KC5HBT
guillory@blkbox.com
"To stand in silence when they should be protesting
makes cowards of men." Abraham Lincoln

6424. Re: better antenna

Newsgroup: rec.radio.scanner
Date: 1994-07-15 20:22:36 UTC
From: kwong@ee.ualberta.ca
Message-ID: <306r6c$bib@quartz.ucs.ualberta.ca>
Source record: 271719

Chisel (hbcsc055@huey.csun.edu) wrote:

> I recently purchased a Pro-2032. I'm just using the small wick antenna
> that it came with. Would I get any better reception with a 40" wick that
> Radio Shack sells for $9.99? Or should I just go for an outdoor antenna?
> Thanks.

I have the 40" telescoping antenna and Pro-2032 from Radio Shack. The longer antenna makes a noticeable difference at low frequencies (i.e. 46 to 49 MHz). At higher frequencies (i.e. 460 to 960 MHz), I have not noticed any difference, with the antenna extended or collapsed (instructions for the included and 40" antennas say to use them collapsed at high frequencies). Since the 40" antenna is inexpensive and does work at low frequencies where a longer antennas makes the most difference, I think it is a good deal.

Incidentally, a TV rabbit ear antenna will make a signficant improvement over the 40" antenna. By clipping the TV antenna to the top of the antenna included with my scanner, I pick up signals that are barely audible with the 40" antenna. Again, this is in the 46 to 49 MHz range. Some people in this newsgroup have had success at higher frequenices with tunable UHF TV antennas.

6425. Any FTP/gopher Sites that have freq's (National, Local by State)

Newsgroup: rec.radio.scanner
Date: 1994-07-15 20:39:05 UTC
From: saay0636@wtamu-pclab.wtamu.edu
Message-ID: <saay0636.59.2E26F3E9@wtamu-pclab.wtamu.edu>
Source record: 271721
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Are there any FTP or Gopher sites that have some frequency lists.

6426. Re: FREQS: San Jose CA

Newsgroup: rec.radio.scanner
Date: 1994-07-15 20:47:51 UTC
From: rjgrocho@aud.alcatel.com
Message-ID: <306sln$94k@fozzy.aud.alcatel.com>
Source record: 271723

In article I6r@rahul.net, David Josephson, Josephson Engineering
<david@josephson.com> writes:

->In <301fr9$55o@fozzy.aud.alcatel.com> rjgrocho@aud.alcatel.com (bob grochowski) writes:
->
->>Traveling to San Jose California soon. Anything interesting to listen to
->>while there? I'm prepared to listen to a range of "DC to Light" ... but
->>there's no sense taking twenty pounds of hardware if there's nothing worth
->>listening to! Any suggestions appreciated.
->
->You will find interesting things to listen to in the range of DC
->to light. It may take more than 20 pounds of equipment to decode
->what you hear, however.
->--
->David Josephson / Josephson Engineering / San Jose CA / david@josephson.com

O.K. -- *Slight* exaggeration ... but thanks for the help.

RG

6427. Re: Subcarriers

Newsgroup: rec.radio.scanner
Date: 1994-07-15 21:09:39 UTC
From: roberts@ishtar.med.jhu.edu
Message-ID: <306tuj$5g@mozart.amil.jhu.edu>
Source record: 271715
Cross-posted to: rec.radio.scanner,alt.radio.scanner

> You need to buy or make a unit to tune both 67khz and 92khz in order
> to hear multiple subcarriers. The Elving FM directory in the best
> published book on frequencies and SCS (800-944-0630), IMHO, makes the
> best demodulator SCA board and modified Superradio. I've been a happy
> customer of SCS's super modified (4 SCA frequencies) Superradio III.

A friend hooks up his Kenwood HF receiver's antenna to his scanner's audio output. The Kenwood can tune down to 50KHz in FM mode, so you can tune to either the 67khz or 92khz subcarrier. Ideally, you would want to get inside the scanner and tap off just after the FM detector, but before all of the audio filters and amps. But there is enough residual signal left in the audio output of his Icom R-7000 that there is no need to do this. Your milage may vary depending on your scanner.

dale

P.S. I'm sorry I refered to the R-7000 as a 'scanner.' It is much, much more. :-)

6428. Pro 2024 4 Sale

Newsgroup: rec.radio.scanner
Date: 1994-07-15 21:17:16 UTC
From: martyf@panix.com
Message-ID: <martyf-1507941617160001@martyf.dialup.access.net>
Source record: 271772

I have a Pro 2024 (60 Channels, AM/FM) that I want to sell CHEAP.
Will send COD. Reply by e-mail. Best offer.

6429. Re: 10 codes list???

Newsgroup: rec.radio.scanner
Date: 1994-07-15 21:20:33 UTC
From: martyf@panix.com
Message-ID: <martyf-1507941620330001@martyf.dialup.access.net>
Source record: 271774

In article <3063av$7mm@dartvax.dartmouth.edu>, Tim.Stammers@dartmouth.edu (Tim) wrote:

> By chance, does anyone out there have a list of these? It would be
> great to know what the police are talking about when they use these.
> Thanks in advance!

10 Codes vary from place to place, and even from agency to agency. Here in NYC, there are different 10 codes used by the different police departments.

Try the "Police Call" book at Radioshed for your area for a good rundown of 10 codes.

I have a 10 Code list for the NYPD, if you want it I'll post it here.

6430. Re: 3 Pro 43 non A's left in Goleta

Newsgroup: rec.radio.scanner
Date: 1994-07-15 21:28:20 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <774332955@f747.n115.z1>
Source record: 271746

-=> Quoting Tim Foecke to All <=-

TF> What is the change in the model/FCC/serial number that indicates a
TF> 43-A?

Tim...The modifiable units do not have the letter "A" before the serial number and the FCC ID. The modifiable units DO. No change has been done to the serial number. Watch carefully if you decide to buy one.

Jerry

6431. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-07-15 21:31:08 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <774332956@f747.n115.z1>
Source record: 271747

-=> Quoting Mike Diaz to All <=-

MD> I went to my local Radio shack Saturday, and while I was there I asked
MD> to take a look at the *NEW* PRO-2006 scanner they had on the shelf.
MD> Well the sign under it said "NEW". When I looked closely at it I
MD> realized that not only was it NOT new but it wasn't even a 2006A. It
MD> was an older 2006, because the display backlight switch still said
MD> "Dimmer" instead of "Display" and the model # on the back was 20-145
MD> and not 20-145A. The "A" model has been out for 2 years now, so this
MD> *NEW* radio HAD to be more than 2 years old. I guess they don't sell
MD> very well here in San Jose.
(truncated)

I wouldn't worry about that, Mike. It's nice to know that there are some
RS out there that won't sell the display model as a new unit to an
unsuspecting customer.

Jerry

6432. Re: Clarification on which Pro-43s are modifiable

Newsgroup: rec.radio.scanner
Date: 1994-07-15 21:44:31 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <774332957@f747.n115.z1>
Source record: 271748

-=> Quoting w.mccall@csi.compuserve.com to All <=-

w.> I've read several explanations as to which of the Pro-43s
w.> are modifiable and which aren't. The reports are starting
w.> to conflict slightly. I thought one of the reports was that
w.> if the brand name is Radio Shack, it isn't modifiable and is if
w.> it is a Realistic. I also thought I heard that the datecode of 3A4
w.> wasn't modifiable (I have a Radio Shack 43 with this date code) I
w.> just read a post saying that the 3A4 was modifiable. Can someone
w.> clarify?

Bill...
The unit you have is modifiable. Any units made after April of '94
cannot be modified.

To verify further, check to see if your unit has the letter "A" before
the serial number and the FCC ID code.

Jerry

6433. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-15 21:59:48 UTC
From: Joe_A._Walker@aardvark.bah.rochester.ny.us
Message-ID: <0006442E.fc@aardvark.bah.rochester.ny.us>
Source record: 271734

>many TV news studios dispatch their crews
>on the 450-452 Mhz band

I have yet to har the media using 451 and 452mhz. The only mews media related info i have heard is in the 450 and 455 mhz band.
** Via the Aardvark Burrow BBS - 1-716-383-1372**

6434. Re: Pro 2006 poor reception

Newsgroup: rec.radio.scanner
Date: 1994-07-15 22:01:12 UTC
From: John Hall <jchall@delphi.com>
Message-ID: <Zw4S6uw.jchall@delphi.com>
Source record: 271722

<briskin@binah.cc.brandeis.edu> writes:

>I just bought a Pro2006 to replace my Pro2021. And while I do
>love the advanced coverage and features of the 2006, one
>thing I have noticed is that its reception using the supplied

I trust you didn't make the same stupid mistake that I did....

I cursed the sensitivity of my Pro2006 for a week before I discovered the back-panel pad switch was set to the -15db position (or however it's labelled). One push and this radio started sounding like a winner, with far greater sensitivity than my Kenwood and Bearcat products.

Cheers,

John Hall
WD6GDL

6435. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-15 22:05:25 UTC
From: mike@huikau.sh-gpl.ti.com
Message-ID: <307175$1j9@osage.csc.ti.com>
Source record: 271732

Jay (stessej@iia.org) wrote:
: : -=> Quoting Darrell A. Larose to All <=-

: : DAL> From: ad607@FreeNet.Carleton.CA (Darrell A. Larose)
: : DAL> I really don't care if the guy in front of me has ordered 2 Big
: : DAL> Mac's...

: A friend of mine and I have come up with an idea that would put these
[snip]
: the orders while sitting in the parking lot. So much for privacy.
: We're going to try both of these things tomorrow. Anyone want to
: speculate on what'll happen????

Its simple. The McD's employees will get wise to the fact that you can
listen to them, then, the conversations there WILL get as boring as
Darrell A. Larose thinks they are.

--
Michael Haight email=mike@sh-gpl.ti.com

6436. Re: Mods for PRO-23 (AGAIN)

Newsgroup: rec.radio.scanner
Date: 1994-07-15 22:08:49 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <774332958@f747.n115.z1>
Source record: 271749

-=> Quoting Lee Hines to All <=-

LH> Are there any Mods for the PRO 23??? I have posted this question 3
LH> times with no response, so should I take silence as a clue that there
LH> are none?? Any assistance would be greatly appreciated. Thanks, Lee.

Hi, Lee...There are no hardware mods for the '23. But you can try this
if you'd like.

Product...Realistic Pro-51/Pro-23/Pro-46
Made by Uniden for Radio Shack, a Tandy Corp.

Purpose...Access gaps in the 800 Mhz band

** Disclaimer...Perfomring these steps are done at your own risk.

** Note...Perfoming these steps may access portions of the 800 Mhz band
that is against federal United States law to monitor.

** Certain portions of this document have been modified from the original
document to conform to the policy of several nets.

Information is from the July, 1994 issue of Monitoring Times p.99.
Further, Larry Wiland is given credit for providing these procedures.

1. With the radio switched off, hold down the 2, 9 and LOCKOUT keys;
turn the radio on and release the keys.

2. Step to channel 23 on the '51 or channel 15 on the '23 to display a
factory test freq in the 800 Mhz gap. (Not sure on the '46.)

3. Press either the up or down search arrow to scan the band in proper
30 khz steps. You may temporarily store up to 10 active freqs by pressing
MONITOR.

To permanantly store the freqs in the gap to have a starting point for
searching...

1. Step to the MONITOR channel you wish to permanantly store, then press
PROGRAM, then the desired memory channel number (including those with
factory-preprogrammed test frequencies.)

2. Press in sequence PROGRAM, MONITOR, ENTER. Repeat steps 1 and 2 for
each channel to be memorized.

6437. FEMA / World Cup

Newsgroup: rec.radio.scanner
Date: 1994-07-15 22:20:09 UTC
From: hammock@kelvin.jpl.nasa.gov
Message-ID: <30722p$jch@lo-fan.jpl.nasa.gov>
Source record: 271394

Some interesting information that I received from one of
our radio club members:

From: Jan.A.Tarsala
To: jplarc
Subject: FEMA Comm Van
Date: Friday, July 15, 1994 11:40AM
Priority: High

Captain John Pinedo of the Pasadena Fire Department
graciously led a presentation and tour yesterday
evening of the non-military communications facilities
brought in to the Rosemont Pavillion for the World Cup.
These included the State of California Office of
Emergency Services Ku-band VSAT trailer-mounted telephone
terminal and the Federal Emergency Management Agency
Multi Radio Vehicle. The Multi Radio Vehicle was
particularly interesting as it contains:

Redundant 25 KVA diesel alternators

An environmental control system good for -25 C to +60 C

Three Harris RF 350K 500 W auto-tune 1.6 MHz to 29.999 MHz
transceivers

A Motorola MCX-1000 VHF repeater with PL, DPL (digital PL),
DES (Data Encryption Standard), and DVP (Digital Voice
Protection)

A Motorola SPECTRA UHF repeater with PL, DPL, DES, and DVP

A Motorola SPECTRA 800 MHz/900 MHz repeater with PL, DPL,
DES, and DVP capable of both conventional and trunked
operation

Four Magnavox VRC-83 HF/VHF/UHF multi-mode military
aircraft radios

A Magnavox URC-110 FLTSATCOM UHF terminal

Bandpass filters for all the above

A Ku-band video uplink currently on SBS 6 translator
three Antennas, some field-erectable, for all the above

And about a zillion Motorola SABER 138 MHz band VHF
handheld radios

The purpose of the Multi Radio Vehicle is to implement up to six bent-pipe repeaters simultaneously to allow government agencies with otherwise incompatible radios and frequencies to communicate in an absolutely transparent manner.

The FEMA representatives indicated that their greatest weakness was in not having MODAT (Motorla VHF/UHF mobile data terminal), packet, and HF SITOR (the commercial version of AMTOR) capability. All I saw inside was a Baudot RTTY terminal for data communications.

While inside, I noted the following frequencies in use:

138.400 MHz carrier access RX & TX

138.575 MHz PL 118.8 Hz RX & TX

139.825 MHz carrier access RX & 148.575 MHz TX

139.950 MHz PL 118.8 MHz RX & TX

155.340 MHz carrier access RX & TX

the Ku-band video uplink

and, of all things, 225.000 MHz AM.

This tractor-trailer truck is one of five dispersed nationwide. It has an 800 mile driving range before refueling, and it is and has been transported by C-5A Galaxy military cargo planes (it is too large for a C-141 Starlifter or a C-130 Hercules).

Your tax money is at work.

73,

de VRN

[A dig at NO6B: This just goes to show, Bob, that when you want the best radios, you buy Motorola. BFFFFFTT !!]

6438. Re: Police & Medical Helo's

Newsgroup: rec.radio.scanner
Date: 1994-07-15 22:25:18 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <774332959@f747.n115.z1>
Source record: 271750

-=> Quoting Nicholas Strauss to All <=-

NS> I've been trying to get some contact with from Stanford's
NS> Life Flight helo. It flies over my house often enough,
NS> I better be able to scan them...
NS>
NS> Just wondering if any one knows the usual procedures
NS> used with things like Life Flight. When do they talk
NS> to dispatchers, people at the LZ, destination hospitals,
NS> etc. And how much of this is done on landline before/
NS> after flight?

Hi, Nick...
Not sure how Stanford's procedure is. Here in Chicago, there is Loyola Lifestar helo that is dispatched from time to time. Basically, the procedure here is that the pilots are toned out just like the fire dept is. After a brief period, they are told what hospital or location to report to to pick up the patient. Sometimes, they are told what the condition of the patient is, what the reason is for transport to Loyola and vital signs. After pickup, Lifestar usually checks in to give an ETA back to Loyola and the vital signs are transmitted again.

Jerry

6439. Re: Police & Medical Helo's

Newsgroup: rec.radio.scanner
Date: 1994-07-15 23:07:00 UTC
From: drice@crl.com
Message-ID: <znr774308256k@crl>
Source record: 271724

In article <Csy5Ds.77F@odin.corp.sgi.com> nstrauss@netmare.corp.sgi.com writes:

> Well, while we are all talking about helicopters:
>
> I've been trying to get some contact with from Stanford's
> Life Flight helo. It flies over my house often enough,
> I better be able to scan them...
>
> Just wondering if any one knows the usual procedures
> used with things like Life Flight. When do they talk
> to dispatchers, people at the LZ, destination hospitals,
> etc. And how much of this is done on landline before/
> after flight?
>
> And on related note, what about police helos. Do they
> usually use the same tactical freq's as the ground units
> for air-ground, or are there special freq's set aside?
>

Around here (Phoenix) I can usually here AirEvac being dispatched and
can here the conversation between the pilot and the dispatcher. This
usually includes the location of where the copter is going to land,
which hospital it's going to, and patient information (number, status,
vitals). All this happens on one freq. (155.325)

The police copters, Firebirds, use the same tactical freq's as the
ground units. They also have the ability to switch to the freqs of
neighboring police departments (except Glendale's trunked 800 system.)

Dennis
--

Dennis Rice drice@crl.com
NAU Flagstaff drr1@nauvax.ucc.nau.edu

6440. Possible to modify PRO-34?

Newsgroup: rec.radio.scanner
Date: 1994-07-15 23:12:15 UTC
From: mcs@cyberspace.org
Message-ID: <30754f$k4h@grex.cyberspace.org>
Source record: 271725

I was curious if you could go about modifying the PRO-34 to widen its coverage. If possible, I would like to focus on opening up the 220 MHz amateur band, 830 and 870 MHz Cellular and Trunking band, and possibly the high end of HF (25-30 MHz). Thanks.

Nick, KB8RBF/5

6441. Re: Subcarriers

Newsgroup: rec.radio.scanner
Date: 1994-07-15 23:35:05 UTC
From: schuster@panix.com
Message-ID: <3076f9$239@panix.com>
Source record: 271730

In article <306tuj$5g@mozart.amil.jhu.edu>,
Dale Roberts x5-7345 <roberts@ishtar.med.jhu.edu> wrote:
>
>A friend hooks up his Kenwood HF receiver's antenna to his scanner's
>audio output. The Kenwood can tune down to 50KHz in FM mode, so you
>can tune to either the 67khz or 92khz subcarrier. Ideally, you would
>want to get inside the scanner and tap off just after the FM detector,
>but before all of the audio filters and amps. But there is enough
>residual signal left in the audio output of his Icom R-7000 that there
>is no need to do this. Your milage may vary depending on your
>scanner.

I do this all the time on my old ICOM R-70 with FM board. There is an FAQ
file around here which tells you how to make the interface (basically a
resistor and blocking capacitor) to put in between the speaker output and
antenna input of the two radios. I built it into a 35mm film can ages ago.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6442. Frequencies Needed...Please help... :)

Newsgroup: rec.radio.scanner
Date: 1994-07-15 23:54:22 UTC
From: toddm@twain.ucs.umass.edu
Message-ID: <3077je$lt1@nic.umass.edu>
Source record: 271729

HI there,

I"m looking for some interesting frequencies, especially
aircraft. I live in the NJ/NY/PA area, if anyone has any info it will be
greatly appreciated! :)

Todd

6443. Thunderbird Freqs for Hillsboro OR Airshow

Newsgroup: rec.radio.scanner
Date: 1994-07-16 00:19:43 UTC
From: harrison@ibeam.intel.com
Message-ID: <X4940715161943@lrv2>
Source record: 271537

The frequencies used in Friday's Thunderbird performance
at the Hillsboro, Oregon airshow are as follows. They
may continue to use them on Saturday and Sunday, hence
this posting.

Main Group 143.850
Small Group 122.150

Ed Harrison
harrison@ibeam.intel.com

6444. What brands do you recommend?

Newsgroup: rec.radio.scanner
Date: 1994-07-16 00:25:01 UTC
From: dcr@interaccess.com
Message-ID: <dcr-1507941927180001@nb-dyna11.interaccess.com>
Source record: 271741

I'm thinking about taking up scanning as a hobby. What brands of scanners do you recommend? I'm pretty sure I'll like it, so should I shell out $400 for a pro-2006?

--

Dave Radin |"Everybody talks about the weather, but nobody
dcr@interaccess.com | does anything about it!"
| --Mark Twain
Finger me for my PGP |
2.6 public key. | GT/S d@ -p+ c+ !l u e m+ s+/+ n+ h f g+ w t++ r- y?

6445. Re: Pro2004 Keypad/Schematics

Newsgroup: rec.radio.scanner
Date: 1994-07-16 00:56:25 UTC
From: ev970@cleveland.Freenet.Edu
Message-ID: <307b7p$kq8@usenet.INS.CWRU.Edu>
Source record: 271731

In a previous article, dab@kaiwan.com (Doug Brandon) says:

>I'm doing some tinkering with my Pro-2004 in hopes of doing some remote
>control of it. Looking at the keypad interface, it's connected to the
>main CPU board by a 13-conductor header. I assume the keypad is wired
>as a 6x5 switch matrix with the other two leads being grounds... has
>anybody else tinkered with the keypad? Or even better, are schematics
>available for this scanner anyplace?

Schematics for the 2004 are available at your local Radio Shack, (they
will have to order it), or you can call Tandy Parts. I don't have the
phone number, but 800 directory assistance should.

What you are doing has been done before. There is a full blown interface
that not only punches the keys, but reads the LCD data. Also, there
are plans floating around for keyboard interfaces using the printer port.

6446. Traffic designations

Newsgroup: rec.radio.scanner
Date: 1994-07-16 03:40:53 UTC
From: dk@crl.com
Message-ID: <307ks5$ast@crl.crl.com>
Source record: 271735
Cross-posted to: ba.broadcast,rec.radio.scanner

Ken Navarre (kjn@netcom.com) wrote:

: Down south they say "...traffic is backed up from *the* 101... to"
: Up here it's "...traffic is backed up from 101 to..."
: Just curious...

Funny, this discussion was on one of the .transportation newsgroups not long ago. The feeling seemed to be that Socalians name their freeways "The Santa Monica" (meaning I-10), "The Hollywood" (US 101), etc. We don't call our "The J. Arthur Younger" (SR 92) or "The Nimitz" (formerly SR 17 now I-880 in the Oakland/Hayward area). It *used* to be the Nimitz, but I haven't heard it called that in ages.

--
dk@crl.com Governor Pete Wilson is cutting $8 million from
San Francisco SF General Hospital -- it's in danger of closing

6447. PRO-2021: FOR SALE!

Newsgroup: rec.radio.scanner
Date: 1994-07-16 04:35:33 UTC
From: jaylgold@crl.com
Message-ID: <307o2l$js7@crl3.crl.com>
Source record: 271738

```
From nntp.crl.com!crl3.crl.com!not-for-mail Fri Jul 15 21:30:28 1994
Path: nntp.crl.com!crl3.crl.com!not-for-mail
From: jaylgold@crl.com (Jay Goldberg)
Newsgroups: alt.radio.scanner
Subject: PRO-2021: FOR SALE!
Date: 15 Jul 1994 21:25:19 -0700
Organization: CRL Dialup Internet Access (415) 705-6060 [login: guest]
Lines: 23
Message-ID: <307nff$jjv@crl3.crl.com>
NNTP-Posting-Host: crl3.crl.com
X-Newsreader: TIN [version 1.2 PL2]

I have a PRO-2021 200 channel mobile/base scanner with tape output, AC/DC
power operation, Motorola external jack for external antenna. LCD
backlit display, Priority channel set, delay, full searching functions,
recieves the usual and aircraft (sorry guys, no cellular on this one),
solid metal case (no plastic) and no intermod problems (at least where I
live). Reception is great and the speaker volume is very loud! No
external speaker needed, however there is an external speaker jack in
case you want to hook one up.

Radio has absolutely no problems and I have the owners manual and tons of
Federal Government Freq Sheets (all the ones you would want). I am
asking $125.00 firm for the unit and I will pay the shipping anywhere in
the United States. If outside the U.S., I will let you know the cost
with shipping.

Only serious buyers need reply.

Thanks,

Jay Goldberg
Santa Rosa, CA. U.S.A.
KB6ENY
```

6448. PRO-2021: FOR SALE!

Newsgroup: rec.radio.scanner
Date: 1994-07-16 04:39:44 UTC
From: jaylgold@crl.com
Message-ID: <307oag$jul@crl3.crl.com>
Source record: 271739

```
From nntp.crl.com!crl3.crl.com!not-for-mail Fri Jul 15 21:30:28 1994
Path: nntp.crl.com!crl3.crl.com!not-for-mail
From: jaylgold@crl.com (Jay Goldberg)
Newsgroups: alt.radio.scanner
Subject: PRO-2021: FOR SALE!
Date: 15 Jul 1994 21:25:19 -0700
Organization: CRL Dialup Internet Access (415) 705-6060 [login: guest]
Lines: 23
Message-ID: <307nff$jjv@crl3.crl.com>
NNTP-Posting-Host: crl3.crl.com
X-Newsreader: TIN [version 1.2 PL2]

I have a PRO-2021 200 channel mobile/base scanner with tape output, AC/DC
power operation, Motorola external jack for external antenna. LCD
backlit display, Priority channel set, delay, full searching functions,
recieves the usual and aircraft (sorry guys, no cellular on this one),
solid metal case (no plastic) and no intermod problems (at least where I
live). Reception is great and the speaker volume is very loud! No
external speaker needed, however there is an external speaker jack in
case you want to hook one up.

Radio has absolutely no problems and I have the owners manual and tons of
Federal Government Freq Sheets (all the ones you would want). I am
asking $125.00 firm for the unit and I will pay the shipping anywhere in
the United States. If outside the U.S., I will let you know the cost
with shipping.

Only serious buyers need reply.

Thanks,

Jay Goldberg
Santa Rosa, CA. U.S.A.
KB6ENY
```

6449. Re: FTP site for Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-16 05:41:05 UTC
From: schuh@zeno
Message-ID: <307rth$4qi@balsam.unca.edu>
Source record: 271653
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Jeffery Shaub (shaub@cs.uwp.edu) once wrote:

: If people would send me FREQs by state and function, I would make them
: available via anonymous FTP.

: By the way, what are the legalities of this? Is this not public
: information distributed free?

It is my understanding that as long as the compilation of frequencies
is from a primary source (each individual) there are no legal issues
involved. Contrast this to a secondary source such as _Police Call_,
where if someone were to copy the freqs verbatim and post them to the
server, that would be illegal. (Unless the editors of _Police Call_
gave permission.) I believe that most published lists contain
key errors that can identify the list of freqs as a duplicate of the
copyrighted source.

I may be wrong,
Paul

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu

6450. Six Flags Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-07-16 07:07:43 UTC
From: stessej@iia.org
Message-ID: <3080vv$9mi@ankh.iia.org>
Source record: 271742

Does anyone know what freqs the security guards at the Six Flags theme parks use? I'd appreciate any help, thanks..

-Jay

6451. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-16 07:45:38 UTC
From: hoagy@umcc.umcc.umich.edu
Message-ID: <308372$749@umcc.umcc.umich.edu>
Source record: 271743

billn@hpcvaac.cv.hp.com (bill nelson) did contribute said ASCII:
>
>They are not creating any interfering signal - that is what you cannot
>seem to grasp, even though you have been told several times.
>
I'm not saying they're causing an interfering *signal*
I said they're causing interference on someone's frequency.
I don't know why people can't seem to grasp this, even though I
have said it several times.

--
.....
Matt Rupert - 2984 Pheasant Run Dr. Apt D - Jackson MI 49202 - hoagy@ais.org
Personal Security / UNIX Enthusiast / Amatuer Radio - KB8SGL
Which is worse: ignorance or apathy? Who knows? Who cares?

6452. Re: Desolder-free cell mod for the Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-07-16 07:51:18 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <3083hm$c8h@freenet3.scri.fsu.edu>
Source record: 271627
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Tim Foecke (tfoecke@nist.gov) wrote:
: I was somewhat intimidated with the Pro43 mod as presented in all of the
: postings I have found (not wanting to fry the board, etc) so I took the
: advice of someone on the net (sorry, I don't remember who, but thanks!) and
: went after the D4 diode without desoldering the unit. I bent up the left
: contact for the battery pack to get it out of the way and tilted the unit
: bottom up at about an 80 degree angle under a binocular microscope, and was
: able to see the row of diodes. It was easy to distinguish the D4 one, and I
: used a whittling knife to carefully scrape the solder off the top of the
: contact for the diode, wedged the knife under D4 and pried it up clear of the
: board. Works great!

: Yeah, I don't get 51-88 Mhz, but I already have a TV . . .

I recommended disassembly far enough to get to the diode with a pair of
side-cutters, and crushing the little booger. This is after I did it the
hard way. Now I've got a hand-held TV! Well, kind of...sounds like crap(NFM).

chuck62@freenet.fsu.edu

6453. Re: Subcarriers

Newsgroup: rec.radio.scanner
Date: 1994-07-16 12:45:00 UTC
From: jack.treger@channel1.com
Message-ID: <40.5297.2433@channel1.com>
Source record: 271754

```
MS>I do this all the time on my old ICOM R-70 with FM board. There is an FAQ
MS>file around here which tells you how to make the interface (basically a
MS>resistor and blocking capacitor) to put in between the speaker output and
MS>antenna input of the two radios. I built it into a 35mm film can ages ago.
```

What value resistor and blocking cap did you use?

 SLMR 2.1a ##########

6454. Re: Pro2004 Keypad/Schematics

Newsgroup: rec.radio.scanner
Date: 1994-07-16 14:10:01 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <774411815@f747.n115.z1>
Source record: 271628

-=> Quoting Doug Brandon to All <=-

DB> I'm doing some tinkering with my Pro-2004 in hopes of doing some
DB> remote control of it. Looking at the keypad interface, it's connected
DB> to the main CPU board by a 13-conductor header.

That's right.

DB> I assume the keypad is
DB> wired as a 6x5 switch matrix with the other two leads being grounds...

That's incorrect. According to the schematic, the switch matrix is 8x4 with only one lead being ground (pin 13) and that is the shield ground, I believe.

DB> has anybody else tinkered with the keypad? Or even better, are
DB> schematics available for this scanner anyplace?

There is a schematic available from Tandy Ntl. Parts.

Tandy Computer Services
Tandy National Parts
900 E North Side Drive
Forth Worth TX 76102
(800) 442-2425

Give them a call and have a credit card ready. They will send you out one and you should get it in about a week.

I added a remote keypad on a 2004 for a friend awhile back. I vaguely remember how it was done. Can't check it out now because the Michigan Police confiscated it several years ago. I believe I used ribbon cable and wired it up to the bottom of the CPU board. Then, I added a male connector to the other side so that it would plug into the second keypad cable. This way, he was able to lockout channels remotely. For some reason, he wanted all of the keypads wired up, even though he couldn't see what he was programming.

I'll quit babbling now.
Jerry

P.S. Mickey did a nice breakdown of the schematic. The first L/O that Mickey has is actually L/O Review.
`

6455. Re: Clarification on which Pro-43s are modifiable

Newsgroup: rec.radio.scanner
Date: 1994-07-16 15:41:39 UTC
From: w.mccall@csi.compuserve.com
Message-ID: <308v3j$igj@mhaal.inhouse.compuserve.com>
Source record: 271752

(I have a Radio Shack 43 with this date code) I
> w.> just read a post saying that the 3A4 was modifiable. Can someone
> w.> clarify?
>
> Bill...
> The unit you have is modifiable. Any units made after April of '94
>cannot be modified.
>
> To verify further, check to see if your unit has the letter "A" before
>the serial number and the FCC ID code.
>
> Jerry
>

Jerry,
I'll probably reply via email, but thought I would post this here
for everyone's benefit. The FCC ID is AA020-300 and the serial number is
078999. Is this consistent with your statement that this is a modifiable
unit?

Bill

6456. MARINE CELLULAR BAND ???

Newsgroup: rec.radio.scanner
Date: 1994-07-16 16:05:05 UTC
From: gst@gagme.wwa.com
Message-ID: <3090fh$ljf@gagme.wwa.com>
Source record: 271753

Does anyone have the freq's for the Cellular Marine Band ??

Does such a thing exist ???

Please e-mail me if anyone can help.

thanks !!

gst

--
GEORGE S. THURMAN (312) 509-6308 gst@gagme.wwa.com

** Mr. Clinton, tear down that embargo !! **

6457. BC 2500XLT Report

Newsgroup: rec.radio.scanner
Date: 1994-07-16 17:49:00 UTC
From: DEVENNEY@VM.TEMPLE.EDU
Message-ID: <16FF5C24DS86.DEVENNEY@VM.TEMPLE.EDU>
Source record: 271756

I would appreciate any comments pro or con from users of the BC 2500XLT.

6458. sam's/walmart freq's

Newsgroup: rec.radio.scanner
Date: 1994-07-16 18:13:24 UTC
From: saay0636@wtamu-pclab.wtamu.edu
Message-ID: <saay0636.63.2E282344@wtamu-pclab.wtamu.edu>
Source record: 271757
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Can anyone tell me the freqs used by the sams or walmart stores. I see them running around with those radios and am wondering if there was anything interesting to hear on those.

6459. modified PRO-2004 4sale

Newsgroup: rec.radio.scanner
Date: 1994-07-16 18:20:00 UTC
From: David.Stark@p2.f333.n2613.z1.fidonet.org
Message-ID: <774406485.AA09674@rochgte.fidonet.org>
Source record: 271773

* Forwarded from "SCANRADIO"
* Originally by David Stark
* Originally to All
* Originally dated 16 Jul 1994, 12:20

I am interested in selling my modified PRO-2004 scanner so I can afford more N-scale model train equipment.

The PRO-2004 is the predecessor to the current topline PRO-2006 scanner by Realistic (Radio Shack). It is the one with the sloping cabinet face and the all metal case. As it came out of the box it had 300 channels and cellular was blocked out, but restorable.

The modifications:

Diode added for 400 channel capability.
10-segment 3-color LED signal strength meter.
5-position 3-color LED center tune indicator.
New memory chip providing 6,400 channels in 16 blocks of 400 (like having 16 PRO-2004's in the same case).
Internal transformer removed to reduce heat and component aging (unit only runs on 12 VDC).

Added hardware:

AIE TCF-4 Tone Finder/User, which displays any CTCSS (PL) tone or digital squelch code in use. It can be programmed to decode any tone or code and control the squelch, with up to 10 tones/codes per scanner channel.

Total original cost of the basic unmodified scanner and the tone finder was around $750.

Asking price is $400.00 FIRM. If you aren't close enough to pick it up in person, I will pay UPS brown label shipping. Personal checks will have to clear before shipping.

Contact info:

==========
David T. Stark, NF2G, KYR-7128, NESC NY-RC02, KNY2DJ, FLAG-1
Internet david.stark@rochgte.fidonet.org [or] FLAG@rochgte.fidonet.org
Packet NF2G@WB2WXQ.#WNY.NY.USA.NA
Mail: 580 Seneca Pkwy, Rochester, NY, 14613-1020
Phone: (716) 254-1726
==========

6460. Re: McDonald's Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-16 19:02:07 UTC
From: gbelton@cris.com
Message-ID: <eLQ8kastesaB065yn@cris.com>
Source record: 271758

In article <hughemCssAz7.967@netcom.com>, Hugh Hemington wrote:
> OK... I just gotta ask! What is the attraction of listening to Some
> minimum wage dufus saying "...2 macs, medium coke, chocolate shake,
> fries..."? Am I missing something? Have McDonalds employees developed
> some incredibly intertaining banter? Or is this just idle curiosity?

It can be pretty interesting if you are also a dufus and you know the dufus in the McD's. You see, the headsets they wear transmit all the time, even when no one is at the drive-through. So during idle moments when they chat about whatever it is they chat about, you can listen in.

Still not as much fun as listening to baby monitors, IMO.

6461. Re: MARINE CELLULAR BAND ???

Newsgroup: rec.radio.scanner
Date: 1994-07-16 19:55:10 UTC
From: lbsisk@BIX.com
Message-ID: <lbsisk.774388510@BIX.com>
Source record: 271759

gst@gagme.wwa.com (George Thurman) writes:

>Does anyone have the freq's for the Cellular Marine Band ??

>Does such a thing exist ???

It's hard to tell from your post what you are really looking for. There are companies, like Petrocom in the Gulf of Mexico, which maintain supercell sites on platforms offshore for the use of marine traffic, and these use exactly the same frequencies as land-based systems, though they cost more to use.

If you are talking about the frequencies on which can get a phone patch made on a Marine VHF radio, they are contained in the FAQs posted here frequently. You might wish to try to clarify what it is you want to know, if you can.
- Lindy Sisk lbsisk@bix.com

6462. Need Cellular Help

Newsgroup: rec.radio.scanner
Date: 1994-07-16 20:37:05 UTC
From: matthewg2@aol.com
Message-ID: <309gdh$ie7@search01.news.aol.com>
Source record: 271760

Does anyone know a way to reprogram the phone number and ESN of an NEC TR5E800-11G cellular phone? I moved to a new cellular market & the local cellular places want to charge me a ridiculous fee to reprogram it for use on their service. They want me to buy a new phone from them instead. My current phone is already permanently mounted in my car & I don't want to replace it.
Thanx in advance,
Matthew Grossman

6463. Re: Telnet to tcomeng.com failed (Was Re: McDonald's Freqs)

Newsgroup: rec.radio.scanner
Date: 1994-07-16 20:53:29 UTC
From: proberts@iglou.iglou.com
Message-ID: <1994Jul16.205329.6714@iglou.com>
Source record: 271761

wps@ElSegundoCA.NCR.COM (Bill Starkgraf) writes:

>I looked up the request by using:
> telnet tcomeng.com (at login: enter fcc)

I tried this a few minutes ago and it failed. It seems tcomeng.com has
changed their "fcc" login account. I have included the response from
tcomeng.com below:

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
Trying 165.113.239.100 ...
Connected to tcomeng.com.
Escape character is '^]'.

telnet (tcomeng)

Welcome to TEA-Net
South San Francisco, California

login: fcc

Last unsuccessful login: Sat Jul 9 15:56:58 PDT 1994 on pts/5 from netcom13.netcom.com
Last login: Sat Jul 16 13:47:36 PDT 1994 on pts/0 from iglou.com

Our online FCC database for California has been changed so that it
is no longer accessible by the Internet community. This is a result
of our obtaining an updated version of the database from Percon which
includes a stringent licensing agreement that precludes public access.

We will restore public access if we can find an affordable source for FCC
license data that does not have similar restrictions on its use.

The FCC database information was obtained on CD-Rom from:

PerCon Corporation
4906 Maple Springs / Ellery Road
Bemus Point, NY 14712
voice: (716) 386-6015
fax: (716) 386-6013

Connection closed by foreign host.
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
--

------------------------------
Phil Roberts | proberts@iglou.iglou.com |
------------------------------
```

6464. Re: Subcarriers

Newsgroup: rec.radio.scanner
Date: 1994-07-16 21:30:30 UTC
From: schuster@panix.com
Message-ID: <309jhm$otr@panix.com>
Source record: 271762

In article <40.5297.2433@channel1.com>,
Jack Treger <jack.treger@channel1.com> wrote:
>
>MS>I do this all the time on my old ICOM R-70 with FM board. There is an FAQ
>MS>file around here which tells you how to make the interface (basically a
>MS>resistor and blocking capacitor) to put in between the speaker output and
>MS>antenna input of the two radios. I built it into a 35mm film can ages ago.
>
>
> What value resistor and blocking cap did you use?

Heh ... if I'd remembered I would have posted the circuit in the first
place. It came from an old FAQ on SCA listening ... I believe written
originally by Bob Parnass. I'll see if I can dig it out this weekend.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6465. Mods for 2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-16 22:14:07 UTC
From: conduit@aol.com
Message-ID: <309m3f$jl1@search01.news.aol.com>
Source record: 271763

Just picked up my 2500XLT this week at HRO. Just wondering if there are any mods available for it yet. Not interested in a cell mod (I have my Icom W2A if I want to hear cell) but any other mods would be appreciated.
Also any reviews would also be helpful. For now all I have noticed was that there are a few more "birdies" on the 2500XLT than the 200XLT. Also the 200XLT seems a little more sensitive in the 46mhz range than the 2500XLT. Other than that it works fine. I guess I'll wait and see!

Later

Conduit KD6GQN

6466. Stupid ?

Newsgroup: rec.radio.scanner
Date: 1994-07-16 22:28:35 UTC
From: an113259@anon.penet.fi
Message-ID: <223312Z16071994@anon.penet.fi>
Source record: 271764

I know this is a stupid question, but I am very new to the internet (hey you were once too) but what is the difference between this newsgroup and alt.radio.scanner?

Just wondering. Thanks....

Fubar

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

6467. SCANNER FOR SALE!!!

Newsgroup: rec.radio.scanner
Date: 1994-07-16 22:49:21 UTC
From: roebuck@infi.net
Message-ID: <309o5h$bv9@lucy.infi.net>
Source record: 271765
Cross-posted to: rec.radio.scanner,alt.radio.scanner,infinet.forsale,misc.forsale

H A N D H E L D S C A N N E R !!!

REALISTIC PRO-37 HYPERSCAN.....
FEATURES:

- 200 CHANNELS..DIRECT ENTRY
- HYPERSCAN FUNCTION- PROVIDES 2 SPEED SCANNING
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- LOCK OUT, DELAY, PRIORITY, MONITOR, LIMIT SEARCH SCANNING
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THIS UNIT IS LIKE NEW...COMES WITH MANUAL AND ADAPTOR!
INCLUDES 800MHz TO RECEIVE POLICE, DISPATCH, RESCUE, FIRE,
CORDLESS PHONE FREQ'S, BABY MONITOR FREQ'S, CELLULAR PHONE, ETC..
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--
My Escape From Unresourceful Thought is Illuminated Through
My Knowledge of the Progression on the Enlightened Path.
- S. Timothy Roebuck
>> roebuck@infi.net

6468. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-17 00:18:14 UTC
From: rogerk@unpc.queernet.org
Message-ID: <309tc6$aqv@unpc.queernet.org>
Source record: 271769
Cross-posted to: ba.broadcast,rec.radio.scanner

In article <304ast$ldg@agate.berkeley.edu>,
Seth Bennett Young <sethby@uclink.berkeley.edu> wrote:
>Joe McConnell does reports for KGO-TV as well as 104.5 KFOG.

...and KQED-FM, occasionally.
--
ROGER B.A. KLORESE rogerk@QueerNet.ORG
2215-R Market Street #576 San Francisco, CA 94114 +1 415 ALL-ARFF
"There is only one real blasphemy: the refusal of joy." -- Paul Rudnick

6469. Re: sam's/walmart freq's

Newsgroup: rec.radio.scanner
Date: 1994-07-17 01:20:03 UTC
From: subcontrol@aol.com
Message-ID: <30a103$ls7@search01.news.aol.com>
Source record: 271767

In article <saay0636.63.2E282344@wtamu-pclab.wtamu.edu>,
saay0636@wtamu-pclab.wtamu.edu (Sami A. Yousif) writes:

>>running around with those radios and am wondering if there was anything
??interesting to hear on those.

My guess is a 3 meter itinerant frequency that they haven't bothered to
license.

Jeff

6470. Repeater Freq for Shuttle Chatter?

Newsgroup: rec.radio.scanner
Date: 1994-07-17 01:31:02 UTC
From: pfanning@execpc.com
Message-ID: <Eb7AkSoPAI9H068yn@execpc.com>
Source record: 271766

Greetings!

Does anybody know if there are frequencies that Shuttle broadcasts are repeated on for those of us quite a distance from Florida (i.e. Milwaukee, WI)?

Thanks!

Pete Fanning
Internet: pfanning@execpc.com

6471. Can PRO-31 be modified?

Newsgroup: rec.radio.scanner
Date: 1994-07-17 03:33:21 UTC
From: tonym@melbpc.org.au
Message-ID: <30a8q1$bm@server.melbpc.org.au>
Source record: 271770

I have a Realistic PRO-31 scanner (old, I know, around '85 I think?). It handles 68-88Mhz (although the manual says 30-54 which it *can't* do) 138-174Mhz 380-512Mhz.

Can this scanner be modified to receive extra frequencies as I hear other scanners can be done? Is there an FTP site with info on this?

Second question: Anybody know what frequency those popular (well, I have one) Panasonic cordless phones use? They call them EASA-PHONES down here - pocket phone with a base station (you can't dial out from the base station - must use the pocket phone).

Thanks in anticipation.

= Tony =
(Melbourne, AUSTRALIA)

6472. Re: Pro 2006 poor reception

Newsgroup: rec.radio.scanner
Date: 1994-07-17 04:11:44 UTC
From: John Hall <jchall@delphi.com>
Message-ID: <B60zCbI.jchall@delphi.com>
Source record: 271768

John Hall <jchall@delphi.com> writes:

>I cursed the sensitivity of my Pro2006 for a week before I discovered
>the back-panel pad switch was set to the -15db position (or however
>it's labelled). One push and this radio started sounding like a

I just looked at the scanner and the switch I was referring to is
labelled "ATT" for attenuation, and has a 0 db and 10 db position.
With 10 db of attenuation, the sensitivity is pretty low!

John Hall
WD6GDL

6473. Re: Subcarriers

Newsgroup: rec.radio.scanner
Date: 1994-07-17 04:33:37 UTC
From: crisp@netcom.com
Message-ID: <crispCt2I02.KrM@netcom.com>
Source record: 271771
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <306tuj$5g@mozart.amil.jhu.edu> roberts@ishtar.med.jhu.edu (Dale Roberts x5-7345) writes:
>> You need to buy or make a unit to tune both 67khz and 92khz in order
>> to hear multiple subcarriers. The Elving FM directory in the best
>> published book on frequencies and SCS (800-944-0630), IMHO, makes the
>> best demodulator SCA board and modified Superradio. I've been a happy
>> customer of SCS's super modified (4 SCA frequencies) Superradio III.
>
>A friend hooks up his Kenwood HF receiver's antenna to his scanner's
>audio output. The Kenwood can tune down to 50KHz in FM mode, so you
>can tune to either the 67khz or 92khz subcarrier. Ideally, you would
>want to get inside the scanner and tap off just after the FM detector,
>but before all of the audio filters and amps. But there is enough
>residual signal left in the audio output of his Icom R-7000 that there
>is no need to do this. Your milage may vary depending on your
>scanner.
>
>dale
>
>P.S. I'm sorry I refered to the R-7000 as a 'scanner.' It is much,
> much more. :-)

I use an NRD525 for the same function. IT works fine.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

6474. file finder part 5?

Newsgroup: rec.radio.scanner
Date: 1994-07-17 08:50:09 UTC
From: henry@g0gku.demon.co.uk
Message-ID: <774435009snz@g0gku.demon.co.uk>
Source record: 271625

I know this is boaring as hell, but has anyone got part 5 of the file finder in good condition?
My reader never picked it up.
Just got the first 4 parts.
Many thanks

--
Nobody listens any more. I can't talk to the walls
because they're yelling at me. I can't talk to my wife; she
listens to the walls. I just want someone to hear what I
have to say. And maybe if I talk long enough, it'll make
sense. And I want you to teach me to understand what I
read.'
(Montag in Fahrenheit 451"

Henry Brugsch
aka hbj elsewher, CIS: 75366.317.com
hbj@bix.com, Moderator of adaptive.tech conference, bix
(Join adaptive.tech)
The freedom of information is a right not a privilege.

6475. Re: Pro-39 vs. BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-17 13:23:04 UTC
From: rout0003@maroon.tc.umn.edu
Message-ID: <rout0003.774451384@maroon>
Source record: 271626

In <znr774168202k@crl> drice@crl.com (Dennis Rice Jr) writes:

>In article <CswqCE.I4E@draco.macsch.com> b_hernandez@macsch.com writes:

>> I have owned both units and in my opinon the PRO-39 blows chunks when
>> compared with the BC200-XLT. I was a total idiot when I sold my Bearcat!
>> The only reason I have the PRO-39 is that I picked it up used for
>> $100.00. Here is my Good/Bad list:

>> 10. Much better search and hold function, with the ability to enter the
>> freq into any
>> channel while searching.

>I can't figure out how to do this.

Likewise, could anyone please post this information?

Thanks!
-Andy

6476. >>> Bearcat 200XLT handheld scanner for sale <<<

Newsgroup: rec.radio.scanner
Date: 1994-07-17 14:48:17 UTC
From: salavi@unity.ncsu.edu
Message-ID: <30bgbh$f65@taco.cc.ncsu.edu>
Source record: 271629
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.swap

I have one for sale, it can receive cellular unmodified also.

>>> Please include this message for reference <<<
====== S. Alavi [salavi@unity.ncsu.edu] (919)467-7909 (H) ========
(919)856-3817 (W)

6477. Re: Poor man's spectrum analyzer

Newsgroup: rec.radio.scanner
Date: 1994-07-17 15:44:44 UTC
From: joe@netcom.com
Message-ID: <joeCt3D2L.DxB@netcom.com>
Source record: 271630

Yes, Science Workshop is still actively selling Spectrum Analyzer kits and a book of collected Poor Man's SA articles. The kits are alot of fun to build but you still need misc parts to assemble like 10 turn pots, power transformer, etc.

The theory of the PMSA is simple - a low cost TV varactor tuner provides the RF front-end, a few chip sweep generator for the tuning ramp voltage, and an IF/Dec strip for the if. Great concept!

Some problems:

o Non-linear Sweep making calibration critical everytime you use it

o Amplitude Log - Not really a log function for amplitude

o Slight Drift - Designed for a TV, the Tuner Drifts Slightly

The good news is that it works, the new tuners are very sensitive, and Pioneer Software makes a PC adaptor program where you can calibrate the amplitude and frequency.

We need to start a mailing list or a newsgroup on the PMSA!!!

--Joe Jesson

--

Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046

6478. Re: BC8500 mod???

Newsgroup: rec.radio.scanner
Date: 1994-07-17 15:45:31 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <774550471@f747.n115.z1>
Source record: 271610

-=> Quoting Gregory A. Therrien to All <=-

GAT> I have a good friend who recently purchased the newest version of
GAT> the BC8500 Scanner. He was advised that older units of this model
GAT> could be modified for recieving Cellular frequencies...but that
GAT> the newer units cannot. Is this true?????
GAT> If it is possible to modify the newer units I would appreciate
GAT> knowing how to do this. Thank you for your attention.

Hi, Greg...It is my understanding that the 8500 could not be modified at all. Uniden put the new, non-restorable chip in the 8500 because the original chip had to many birdies. They figured, while they had to burn a new chip, they might as well comply with the Telecommunications law early.

Jerry
Compuserve 73747,2143

6479. Re: Possible to modify PRO-34?

Newsgroup: rec.radio.scanner
Date: 1994-07-17 15:51:47 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <774550472@f747.n115.z1>
Source record: 271605

-=> Quoting Nicholas McLarty to All <=-

NM> I was curious if you could go about modifying the PRO-34 to widen
NM> its coverage. If possible, I would like to focus on opening up the
NM> 220 MHz amateur band, 830 and 870 MHz Cellular and Trunking band,
NM> and possibly the high end of HF (25-30 MHz). Thanks.

Hi, Nick...You might as well forget the 220 Mhz band. It can't be done.
I don't believe the 25-30 is possible either...haven't seen anything.
But...All is not lost.

Product: Realistic PRO-34
Purpose: Restore continuous 800 Mhz coverage

** Disclaimer...Doing this procedure is done at your own risk. This
procedure is fairly complicated and should not be attempted by anyone
unfamiliar with soldering small circuit boards. **

** Warning...Performing this modification restores certain portions of
the 800 Mhz band that is prohibited by U.S. federal law to monitor. **

The following procedure is from the December, 1988 issue of Monitoring
Times, page 89.

1. Remove the battery cover and battery, four black screws from the rear
cover, and volume and squelch knobs.

2. Remove the rear cover, lifting back and upwards to clear the control
shafts (do not remove belt clip or circuit board screws.)

3. Unplug the brown volume control connector (green, yellow, black
cable) and white squelch cable connector (white, black, red cable) from the
linear circuit board.

4. Unsolder the ground lead from T111 (at the corner of the linear
circuit board above the external power connectors). (My note- my
particular unit didn't have this connection. This may be true of other
units.) Unsolder the two power switch leads from the back of the volume
control. Unsolder the antenna connector center pin and ground leads from
the linear circuit board.

5. Unsecre the four combination screws that hold the linear circuit
board
and held the rear cover screws. Grasp the linear circuit board at the top
and lift it straight away from the front case, unplugging the 16 pin
connector.

6. Remove the three screws holding the metal frame assembly which held the linear circuit board to the front panel. Unplug the red-black power lead and lay the frame aside (it is still connected to the battery contacts).

7. Locate diodes D9-D12 on the volume control side of the logic circuit board under T1; D10 and D11 are marked. Clip one lead of D11, separating the gap slightly (it may be resoldered later if desired).

8. Re-assemble the board by reversing the disassembly procedure.

For information...D9 enables 66-88 Mhz, though re-alignment is required and 30-54 Mhz band is lost. D10 enables 896.1125-960 Mhz and is already installed. D12 disables 136-146 Mhz. I found on my unit, which was older, D12 changed the stepping of 12.5 Khz on certain portions of the band where 30 khz would be the default.

Jerry

6480. Re: Pro 2006 poor reception

Newsgroup: rec.radio.scanner
Date: 1994-07-17 15:55:19 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <774550473@f747.n115.z1>
Source record: 271606

-=> Quoting briskin@binah.cc.brandeis.edu to All <=-

br> I just bought a Pro2006 to replace my Pro2021. And while I do
br> love the advanced coverage and features of the 2006, one
br> thing I have noticed is that its reception using the supplied
br> antenna is far inferior to that of the 2021. I live around
br> 15 miles outside of Boston, and the 2021 could pick up most
br> Boston police and fire frequencies (in the 460 range) fairly
br> well, even with the squelch at full blast. The 2006, on the
br> other hand, only occasionally picks up one of the Boston
br> frequencies, and not with great clarity.
(truncated for brevity)

Hmmm...check the back of the unit for a switch labeled ATT 0db and 10 db.
If the switch is set to the 10 position, that will be the reason you can't
hear Boston PD. Switch it to the 0 position and notice the difference. <g>

If it is set at 0db, then you may have a defective unit. Return for a
replacement.

Jerry

6481. Re: Subcarriers

Newsgroup: rec.radio.scanner
Date: 1994-07-17 16:02:12 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <774550474@f747.n115.z1>
Source record: 271609

-=> Quoting Bruce James Robert Linley to All <=-

BJRL> I found a flyer on the bus that had a picture of a GE SuperRadio III
BJRL> on it so naturally I picked it up. It turns out that the flyer was as
BJRL> ad for a 'specially equipped' GE superradio that would pick up Mormon
BJRL> religious programs which are transmitted on the subcarriers of certain
BJRL> broadcast FM stations (like KBIG in L.A., WMXV in New York, WTMX in
BJRL> Chicago, KISN in Salt Lake City (of course), etc.) Anyway, you had to
BJRL> order the radio preprogrammed to receive Mormon broadcasts in the city
BJRL> of your choice. What I want to know is, is there any type of general
BJRL> subcarrier coverage radio/scanner? How exactly do subcarriers work? I
BJRL> get the feeling that there might be a whole new world of scanning out
BJRL> there hiding in other broadcasts' subcarriers. Or has the FCC outlawed
BJRL> subcarrier scanning because you're 'decoding scrambled transmissions'
BJRL> or some such?

Hi, Bruce...Sub-carrier is what it says...it is a second signal riding on the original signal. It's like a trailer being pulled by a car is a good analogy without getting too technical. Many people don't know this, but FM stereo is a type of sub-carrier. It's just that receivers have the decoding circuit built in.

Federal law states that it is illegal to listen to SCA broadcasts. (Believe the ECPA of 1986 states this.) The users of SCA are charged money to have access to these services. I have known some users to write to the radio station asking permission to monitor them as they are using it for their personel use and not for a business.

Most communication tech books have a schematic to build your own SCA receiver using simple components. They can be built for less than $20 bucks.

Jerry

6482. Freedom of Information Act?

Newsgroup: rec.radio.scanner
Date: 1994-07-17 16:35:56 UTC
From: kjn@netcom.com
Message-ID: <kjnCt3FFw.Cts@netcom.com>
Source record: 271631

Anyone out here had any experience with invoking provisions of the
Freedom of Information Act to obtain frequencies from a federal agency
that is stonewalling? We know the location of the document in question
and the person charged with its maintenance.

The agency is not involved in classified research nor law enforcement but
rather scientific research for the public domain. The individual who
maintains the file has expressed concern that the frequencies might become
published and could lead to vandalism of equipment installed at remote
locations. The exact locations of the sites are already in the public domain
and vandalism has not been a problem.

Any information would be appreciated.
Thanks!
<KEN>
--
kjn@netcom.com (Ken Navarre)

6483. Re: What's the cellular attraction?

Newsgroup: rec.radio.scanner
Date: 1994-07-17 18:58:05 UTC
From: domonkos@access.digex.net
Message-ID: <3jNAkiubGwqJ066yn@access.digex.net>
Source record: 271633

In article <0105009A.4n1gk3@david.roth-music.com>, David A. Roth wrote:
>
> Hmmm...what freqs are those ? :-)
>
> David

137 - 138 Mhz, I forget exactly...Every 90 Minutes or so, and there's about half a dozen sats there. (If you here on come up about an hour after sunset look up in the sky, you can't miss these birds, about 4 stories tall...

Andy

6484. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-17 18:58:10 UTC
From: domonkos@access.digex.net
Message-ID: <rlNAkiubGA-6066yn@access.digex.net>
Source record: 271632

In article <16FF310845S86.O1EVERT@VM1.CC.UAKRON.EDU>, Tom Evert wrote:
> In article <sZJ9kiubGYW2066yn@access.digex.net>
> domonkos@access.digex.net (Andy Domonkos) writes:
>
> >Although on a reduced basis many TV news studios dispatch their crews
> >on the 450-452 Mhz band. You'll also find the rush hour traffic reporters
> >in their aircraft their. I listen to them regularly on my scanner for
> >continuous traffic info...
>
> Several radio stations around here use cell phones for their live remotes
> instead of their 45x radios or their 165-175 Mhz radios (used to dispatch
> reporters, etc.) Using cell phones has to be cheaper than maintaining other
> transmitters, radios, renewing FCC licenses, etc.
>
> I also heard that it was against the law to listen to these 450x frequencies
^^
> that radio and TV stations use for remotes, traffic reports, etc.
>
> Can anyone verify this? (I think I read about it in Police Call.)

Legal as long as not used for re-broadcast (profit).

Andy

6485. Re: Subcarriers

Newsgroup: rec.radio.scanner
Date: 1994-07-17 20:29:00 UTC
From: jack.treger@channel1.com
Message-ID: <40.5323.2433@channel1.com>
Source record: 271648

RC>I use an NRD525 for the same function. IT works fine.

I just tried it by connecting the headphone output of my R7000 to
the coax input of my NRD525 using a 1uF coupling cap. It worked.
So far, most of the subcarrier broadcast seem to be foreign language
(spanish & chinese so far) or musak. Both 67 & 92 Khz FM are active.
I wonder if any non-vocal digital or FSK tone signals (ie stock
market ticker tape) are broadcast on sub-carriers?

 SLMR 2.1a Post no bills.

6486. Re: FTP site for Freqs29999

Newsgroup: rec.radio.scanner
Date: 1994-07-17 20:33:56 UTC
From: boothc@kenyon.edu
Message-ID: <1994Jul17.153356.1641@kcvax1>
Source record: 271634
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3067ip$9bd@cs.uwp.edu>, shaub@cs.uwp.edu (Jeffery Shaub) writes:
>
> I'm new to this, but it would seem to me that an FTP site to store FREQs
> would be a good idea. I have a few hundred megs of space on my machine
> (FREQs compress rather nicely), which is always up and running an FTP server.
>
> If people would send me FREQs by state and function, I would make them
> available via anonymous FTP.
>
> By the way, what are the legalities of this? Is this not public
> information distributed free?
>
> Any opinions or flames accepted.
>

Try ftping to enlow.com and get the 00index.txt
This a *fun* ftp site and has lots of interesting tidbits on all sorts of
things. It is a bit dated though, and not too many new files are apparent.
Perhaps it was a bbs mirror site or something. I heard about it awhile back
on alt.2600. I'm sure we would all like to hear about other good sites.
Especially ones which have directories appropriated exclusively to scanners,
or frequencies. I am intersted particularly in military freqs and haven't been
able to find any ftp sites that have files which are of any help. Any pointers
would be great.

Carter

--
boothc@kenyon.edu

6487. Re: test

Newsgroup: rec.radio.scanner
Date: 1994-07-17 20:59:27 UTC
From: kdisner@pipeline.com
Message-ID: <30c63f$3i5@pipe1.pipeline.com>
Source record: 271531

Testing one two three

toby15@aol.com (Toby15) wrote:

>
>In response to the 3 earlier notes under subject
>'Test":
>
>Test #4
> [my first Internet posting - just want to see if
>it comes out right]

Ken Disner

6488. Service Manual Wanted for Old Scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-17 21:04:29 UTC
From: ummarkma@cc.umanitoba.ca
Message-ID: <30c6ct$9f9@canopus.cc.umanitoba.ca>
Source record: 271635

I'm looking for a schematic or a service manual for a
J.I.L. SX-100 16ch. base scanner.
This thing needs a bit of a tune up but otherwise works fine.
I'd like to fix it up.

Thanks
Michael

--
Michael Markmann VE4MJM | Univ. of Manitoba Computer Engineering
ummarkma@cc.umanitoba.ca (Internet) | ERROR! REALITY.SYS Corrupted!
VE4MJM @ VE4KV.#WPG.MB.CAN.NA (AX.25) | Reboot UNIVERSE.EXE!
Hobbies: Amateur Radio, Model Trains, Electronics, Computers, ...

6489. Re: Discone antenna

Newsgroup: rec.radio.scanner
Date: 1994-07-17 21:25:16 UTC
From: rfhamilton@VNET.IBM.COM
Message-ID: <19940717.143043.385@almaden.ibm.com>
Source record: 271636
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I've seen several postings regarding discone vs. general reception antennas. My reception of military air is non-existant but I heard someone on a local scanner net say that he had the same problem until he switched to the Radio Shack discone. From what I read the discone is not good for below 100 mhz. How critical is this loss ? Is the RS discone a good choice, how about the discone sold by Grove or others ? Any info or recommendations would be appreciated.

Bob Hamilton (rfhamilton@vnet.ibm.com)

6490. Re: Baltimore, Md freqs wanted

Newsgroup: rec.radio.scanner
Date: 1994-07-17 21:44:24 UTC
From: Dean.Coy@EOTRS.damar.com
Message-ID: <059_9407190200@damar.com>
Source record: 271596

All asked Greg Ricker what the hell Baltimore, Md freqs wanted is all about
on 12 Jul 94 06:32:15
GR> From: aa357@yfn.ysu.edu (Greg Ricker)
GR> Newsgroups: rec.radio.scanner
GR> I am looking for any frequency lists for the Baltimore, Md area.
GR> I will be going there the end of July. I have a Police Call for
GR> Maryland but it is 2 years old and I'm not sure if things have changed.
GR> Any freqs will be greatly appreciated along with any other information.
GR> Thanks Much
Do you want the FREQS. for the whole Baltimore city or County or both
the following is for City ofBaltimore
police dept.
453.425 dist 1 central
453.775 dist 2 southeast
453.275 dist 3 east
453.525 dist 4 northeast
453.825 dist 5 north
453.925 dist 6 northwest
453.625 dist 7 west
453.050 dist 8 southwest
453.675 dist 9 south
453.200 citywide 1 traffic
453.300 citywide 2 traffic, special events
453.650 citywide 3 tact
453.975 speciall ops
453.350 criminal investigation
453.725 internal affairs
453.500 investigators
453.525 vehicle repairs
453.550 vehicle repairs
460.050 Baltimore Metro. system

FIRE
154.310 f-1 dispatch
154.370 f-2 fireground 1
154.385 f-3 fireground 2
154.325 f-4 fireground 3 / admin. pager
154.415 f-5 station dispatch
154.145 f-6 ambulance dispatch
153.830 f-7 portables
154.280 f-8 mutal aid

Hope these will work out for you
If you want te ones for the county write back to dean.coy@eotrs.damar.com
The Empire Of The Rising Sun

San Francisco, California
Sun 07-17-1994 1:44:18 pm

... Sure you can trust the Government! Just ask an Indian.

6491. Freq's for Tulsa Ok area

Newsgroup: rec.radio.scanner
Date: 1994-07-17 21:56:03 UTC
From: rmike@FNALF.FNAL.GOV
Message-ID: <30c9dj$h0e@fnnews.fnal.gov>
Source record: 271637

Hi everyone,
Will be moving to Tulsa Ok in the next month or so and was wondering
if anyone had the local Police, Fire and othe misc Freq for the
Tulsa area.
Thanks.
73's
Mike/N9SAV
Try NIARC-145.58R/147.66T

6492. Re: Yellowstone frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-17 22:17:17 UTC
From: Dean.Coy@EOTRS.damar.com
Message-ID: <05a_9407190200@damar.com>
Source record: 271597

All asked Ken Schmidt what the hell Yellowstone frequencies is all about
on 12 Jul 94 05:44:49
KS> I have a friend who is also a scanner enthusiast and he will be going
KS> to Yellowstone National Park next week. Does any one have the
KS> frequencies that the park rangers opperate on in that park?
Here are some I have:
166.375
164.800
167.150 search and rescue
168.550 air units

Rangers/operations 166.375
Rangers/operations 164.800
SOA 167.150
NPS Air uits 168.550
Health system research 463.450
Mountain Bell Telephone 463.450
TWA services 152.420
TWA services 463.450 (Yellowstone Park services)
Hope thesse work out for you.
Enjoy your saty at Yellowstone Park.
I never been there so I don't know how accurate these FREQS are
And remember only you can PREVENT forest fires :)
The Empire Of The Rising Sun
San Francisco, California
dean.coy@eotrs.damar.com
Sun 07-17-1994 2:17:12 pm

... The right tools can make any rental car a convertible.

6493. Re: PD TRYING TO DISCOURAGE SCANNERS?

Newsgroup: rec.radio.scanner
Date: 1994-07-17 22:49:10 UTC
From: wwhitby@aol.com
Message-ID: <30cch6$b01@search01.news.aol.com>
Source record: 271638

In article <9407101537.0LYB001@chrysalis.org>, brian.oakley@chrysalis.org writes:

I saw an add in the Denver yellow pages for a company that sells 800 mHz trunking equipment. The big selling point they used is, guess what? Yep, <secure conversations>. Ha Ha Ha. That just proves that the users are mislead by the manufacturers and/or dealers.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

6494. FREQS: San Jose CA

Newsgroup: rec.radio.scanner
Date: 1994-07-17 23:02:57 UTC
From: demon@inferno.com
Message-ID: <021871QNTQCUEABLEJWG@inferno.com>
Source record: 271639

IR>Traveling to San Jose California soon. Anything interesting to listen to
IR>while there? I'm prepared to listen to a range of "DC to Light" ... but
IR>there's no sense taking twenty pounds of hardware if there's nothing worth
IR>listening to! Any suggestions appreciated.

IR>Robert

We have plenty to listen to up here. And most of it comes in all over
San Jose. San Jose alone has several police and fire freqs. We have our
goold old fashioned international airport, medical helicopters, plenty
of high tech firms, and CDF units for the hills.

Basically, VHF, UHF, and 800 MHz(our paramedic units) are all covered.
In my opinion we do not have as much inter-mod as L.A. or cities of that
size, but we are getting there. Some of our police channels can get
inter-mod from San Francisco(60 miles north) but other than that, good
listening.

Feel free to e-mail me for a current and comprehensive freq list.

demon@inferno.com Silicon Valley, USA

San Jose, the fastest growing city in the U.S. God, we're cool.

6495. Re: sam's/walmart freq's

Newsgroup: rec.radio.scanner
Date: 1994-07-17 23:05:02 UTC
From: wwhitby@aol.com
Message-ID: <30cdeu$b7p@search01.news.aol.com>
Source record: 271640

In article <30a103$ls7@search01.news.aol.com>, subcontrol@aol.com (SubControl) writes:

Try 151.625, 154.570, or 154.600. My local Wal-Mart is on 154.570. They use a small set of codes for security, fire, etc. If anyone knows them, please post them to the net.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

6496. Search -> Channel (Was Re: Pro-39 vs. BC200XLT)

Newsgroup: rec.radio.scanner
Date: 1994-07-17 23:12:27 UTC
From: drice@crl.com
Message-ID: <znr774482471k@crl>
Source record: 271641

In article <rout0003.774451384@maroon> rout0003@maroon.tc.umn.edu writes:

>
> In <znr774168202k@crl> drice@crl.com (Dennis Rice Jr) writes:
>
>
> >In article <CswqCE.I4E@draco.macsch.com> b_hernandez@macsch.com writes:
>
> >> I have owned both units and in my opinon the PRO-39 blows chunks when
> >> compared with the BC200-XLT. I was a total idiot when I sold my Bearcat!
> >> The only reason I have the PRO-39 is that I picked it up used for
> >> $100.00. Here is my Good/Bad list:
>
> >> 10. Much better search and hold function, with the ability to enter the
> >> freq into any
> >> channel while searching.
>
> >I can't figure out how to do this.
>
> Likewise, could anyone please post this information?
>

I think I figured out what he's talking about. Go to the channel
number that you want to store the freq in, search for the freq, press
enter when you find it. The freq is now stored in the channel.
You can go to the next channel and then start searching from where you
left off.
--

Dennis Rice drice@crl.com
NAU Flagstaff drr1@nauvax.ucc.nau.edu

6497. Re: sam's/walmart freq's

Newsgroup: rec.radio.scanner
Date: 1994-07-18 01:18:00 UTC
From: do321@cleveland.Freenet.Edu
Message-ID: <30cl88$ofh@usenet.INS.CWRU.Edu>
Source record: 271645

Very Interesting..."Attention Walmart shoppers, bingo game in aisle 6. Don't go out for dinner! Have it here! Right in aisle 3, just look for the table next to the toilet paper rolls.

6498. Re: AOR 880 parts

Newsgroup: rec.radio.scanner
Date: 1994-07-18 01:43:53 UTC
From: scanlock@delphi.com
Message-ID: <xm0SKlJ.scanlock@delphi.com>
Source record: 271642

AOR has no kind of service. But call ACE Comm at 800 445 7717. They have such things.

6499. Re: Need AOR-3000 Software/Info

Newsgroup: rec.radio.scanner
Date: 1994-07-18 01:54:25 UTC
From: scanlock@delphi.com
Message-ID: <5m1QijJ.scanlock@delphi.com>
Source record: 271643

Call ACE Comm about the Gesmundo program. 800 445 7717

6500. Re: Scanners by mail

Newsgroup: rec.radio.scanner
Date: 1994-07-18 02:02:03 UTC
From: scanlock@delphi.com
Message-ID: <xE2SanD.scanlock@delphi.com>
Source record: 271644

Boycott the U.S. Dealers? They're just obeying the law when they have to sell you cell locked out radios. Congress gave you the law, after they were well paid by the cell phone companies. Why not direct your ire at them?

6501. Pro-37 mods wanted

Newsgroup: rec.radio.scanner
Date: 1994-07-18 02:07:29 UTC
From: dwiza@pinn.net
Message-ID: <30co51$3hp@everest.pinn.net>
Source record: 271646

I am looking for PRO-37 mods beyond the 800mhz cell mod.

What do all those other diodes do?

Any good FTP sites for this kind of info?

Thanks!

```
-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
/// If Commodore had sold Sushi, their marketing department would
/// have called it "Cold, dead fish."
\\\/// Comrade Gorby - Soviet Government in Exile BBS 804-471-5728
\XX/ Help wipe out Windows in our lifetime!
```

6502. Request for PRO2006 mods

Newsgroup: rec.radio.scanner
Date: 1994-07-18 02:29:12 UTC
From: tlw@mercury.ncat.edu
Message-ID: <1994Jul18.022912.26713@mercury.ncat.edu>
Source record: 271654
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Would someone please send me a copy of the modifications
for the PRO2006 scanner.

Please send to tlw@garfield.ncat.edu

--
Timothy Wilder
North Carolina A&T State University
Department of Electrical Engineering
1601 East Market Street

6503. BEARCAT 200XLT Mod Question.

Newsgroup: rec.radio.scanner
Date: 1994-07-18 02:31:36 UTC
From: delveaux@infoserv.com
Message-ID: <DV1mPc1w163w@delveaux>
Source record: 271669

How can I get the detector output, before it goes through
the audio section to the speaker. Any Help?
-Bill

6504. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-18 02:34:01 UTC
From: domonkos@access.digex.net
Message-ID: <fCUAkiubGs$F066yn@access.digex.net>
Source record: 271647

In article <$WNAkiubGUn5066yn@access.digex.net>, Andy Domonkos wrote:
> In article <PoXDPc1w165w@rangr.stat.com>, adam humiecki wrote:
>
> Well, this was going pretty good until I read the part about
> getting sued by McDonalds!What color is the sky in your world?
> McDonalds does not have exclusive right to any of its freqs.!
> An since a lawsuit is a civil action I sincerly doubt that
> reference to a federal regulatory rule violation is going to
> go very far.Nice try!
> Work <-- (forwarded) Home
> jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com
>
>
> ---
> internet: adam@rangr.stat.com
>
I think the problem is the lack of a sense of humor on the part of some folks here. Chill out already! All this noise due to someone wanting to audio-feedback a drive-thru? No one even mentioned transmitting, that's illegal.

Re; McDonald's lawsuits; guess no one watches any of the dozen nightly expose' TV programs, eh? Pay attention to the 'buried' newspaper articles...

Pardon my politically-incorrect attitude.

Andy

6505. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-18 04:05:01 UTC
From: wwhitby@aol.com
Message-ID: <30cv1d$fq4@search01.news.aol.com>
Source record: 271649

In regards to the posts asking why monitor McDonald's, Wal Mart, or other fast food and Department stores, you can turn up some very interesting traffic. For example, I was told of a couple of young ladies(?) at my local Burger King using their drive-thru radios to discuss their sex lives. Very spicy!

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

6506. Re: Search -> Channel (Was Re: Pro-39 vs. BC200XLT)

Newsgroup: rec.radio.scanner
Date: 1994-07-18 04:28:46 UTC
From: rout0003@maroon.tc.umn.edu
Message-ID: <rout0003.774505726@maroon>
Source record: 271650

In <znr774482471k@crl> drice@crl.com (Dennis Rice) writes:

>> >> 10. Much better search and hold function, with the ability to enter the
>> >> freq into any
>> >> channel while searching.
>>
>> >I can't figure out how to do this.
>>
>> Likewise, could anyone please post this information?
>>

>I think I figured out what he's talking about. Go to the channel
>number that you want to store the freq in, search for the freq, press
>enter when you find it. The freq is now stored in the channel.
>You can go to the next channel and then start searching from where you
>left off.

Thanks for the info! I just learned something.

Thanks!
-Andy

6507. Re: Pro2004 Keypad/Schematics

Newsgroup: rec.radio.scanner
Date: 1994-07-18 04:40:20 UTC
From: dab@kaiwan.com
Message-ID: <30d13k$fo6@kaiwan.kaiwan.com>
Source record: 271651

I ordered the schematics from my local Radio Shack. Thanks to all for
the responses.

Doug

--
/*---*/
Doug Brandon Placentia, California dab@kaiwan.com

6508. Re: New AOR AR-8000

Newsgroup: rec.radio.scanner
Date: 1994-07-18 08:42:38 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.382.0008B62A@ccm.hf.intel.com>
Source record: 271673

In article <2vss4h$50k@pipe1.pipeline.com> monty@pipeline.com (Bryan Montgomery) writes:
>weather, satellites, TV etc. Also in the same magazine was an
>article about new software for an AOR (3000??) where the
>reviewer set it up to search all day recording the frequencies
>and the conversations with a sound card so that he could all
>the communications on a specific frequency and determine it's
>use. Sounded pretty smart!

Bill Cheek said he has one of these cards. It sounded amazing. It has like
16 Mb of ram and stores all the audio by frequency so you can scan lots of
channels and then go back later and listen to all the traffic one channel at a
time. It puts time stamp on it etc. I doubt it will be cheap!

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6509. Re: Getting Around Cell-Restricted Scanners

Newsgroup: rec.radio.scanner
Date: 1994-07-18 08:50:12 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.383.0008D676@ccm.hf.intel.com>
Source record: 271670

In article <2vt1qg$c9o@nwfocus.wa.com> latimer@chinook.halcyon.com (Philip B. Latimer) writes:

> I have a subject that I would like some feedback on. It is my
>understanding of the recently enacted laws concerning scanners, that
>although no scanner capable of receiving cellular transmissions may be
>imported, manufactured or be capable of being easily modified, there ARE
>loopholes in this new law. It is my understanding that it IS legal to
>sell kits that will modify a scanner to cellular capability. It is also
>supposed to be legal to sell a cellular capable scanner in kit form that
>the buyer can assemble themselves. Am I correct in these matters? If so,
>where are these products? Why haven't the scanner makers jumped on this?
>Any and all commments on this subject will be welcome.

I don't think the scanner manufacturers want to be on the fringe of the law. Sure it might be legal now to sell such kits, but based on the success of the cellular lobby, if companies started selling such kits, a law would be quickly passed to make these illegal too. I doubt any company would spend much money on a product that is destined to be outlawed.

Now, if some garage business started selling such a product, the cellular industry might be much slower to respond, as they may not see any real threat to cellular privacy.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6510. Re: NOTENNA

Newsgroup: rec.radio.scanner
Date: 1994-07-18 11:37:21 UTC
From: kavolius@Hopper.ITC.Virginia.EDU
Message-ID: <Ct4wA9.JnI@murdoch.acc.Virginia.EDU>
Source record: 271652

jeff.wright@chrysalis.org wrote:

: I am curious to see if anyone has any experience with the Grove NOTENNA. It
: looks like this antenna just grounds the scanner to your car. Does anyone
: know if it works? Does anyone out there have one?
:
: Just bought a new car and don't want to install an external antenna yet...
:
: Any replies are appreciated.

Yes, had one....actually reduced (perceived) signal vs. rubber duckie
antenna that came with scanner! Sent NOTENNA back...got a Condor...GREAT.

--
Vytas A. Kavolius
kavolius@hopper.itc.virginia.edu

6511. Re: Clarification on which Pro-43s are modifiable

Newsgroup: rec.radio.scanner
Date: 1994-07-18 13:01:39 UTC
From: sita@ecf.toronto.edu
Message-ID: <Ct506r.7pI@ecf.toronto.edu>
Source record: 271655

In article <774332957@f747.n115.z1>,
Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> wrote:
> -=> Quoting w.mccall@csi.compuserve.com to All <=-
>
> w.> I've read several explanations as to which of the Pro-43s
> w.> are modifiable and which aren't. The reports are starting
> w.> to conflict slightly. I thought one of the reports was that
> w.> if the brand name is Radio Shack, it isn't modifiable and is if
> w.> it is a Realistic. I also thought I heard that the datecode of 3A4
> w.> wasn't modifiable (I have a Radio Shack 43 with this date code) I
> w.> just read a post saying that the 3A4 was modifiable. Can someone
> w.> clarify?
>
> Bill...
> The unit you have is modifiable. Any units made after April of '94
>cannot be modified.
>
> To verify further, check to see if your unit has the letter "A" before
>the serial number and the FCC ID code.
>

Unfortunately there is no FCC id code on Canadian units. All the
ones i've seen lately still have the 3A4 sticker however, so if that
implies modifiable then...

Out of curiosity, is there any difference between Canadian units and
the previous American units aside from the FCC id?

6512. Re: BC 2500XLT Report

Newsgroup: rec.radio.scanner
Date: 1994-07-18 13:01:55 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <774597979@f747.n115.z1>
Source record: 271608

-=> Quoting DEVENNEY@VM.TEMPLE.EDU to All <=-

DE> I would appreciate any comments pro or con from users of the BC
DE> 2500XLT.

If you would have asked this question last year, the 2500 would have been trashed. Since then, Uniden has improved on the unit on later units. Has a nice hit counter, search and store, able to pick up the 220 Mhz band, 400 channels, 100 cps scan rate, cellular restorable.

The unit was plagued with intermod early on, but Uniden has modified the units to repair the problem.

The 2500 won't be around for too much longer. It has been confirmed by a source on CompuServe that it will be replaced by a Bearcat 3000, which will add the capabilities of the 220 XLT to the unit. (Service search, 300 cps)

Jerry

6513. MVT-7100D, narrow AM mod

Newsgroup: rec.radio.scanner
Date: 1994-07-18 13:03:58 UTC
From: klimasewski@fccvde.enet.dec.com
Message-ID: <30ed7a$1sf@mrnews.mro.dec.com>
Source record: 271664

Over the weekend I opened my 7100D to look for a frequency adjustment trimmer. My 7100 on narrow FM seems to be off by about 2KHz (low). I finds this annoying on weak signals.
While snooping around I noticed 3 wires soldered to the LOCK switch. This switch turns on a so called narrow AM mode for improved SW listening.
I followed the wires over and noticed no special filter. I am wondering if the SSB modes has a narrow filter and this mod is nothing more than forcing it on??

Does anyone know what the adjustment would be to shift the received frequency up by 2KHz?? On weak stations it is slightly distored but when I retune I can correct it. I have noticed this on vhf and up in the narrow FM mode.

Ken

6514. Re: Can PRO-31 be modified?

Newsgroup: rec.radio.scanner
Date: 1994-07-18 13:04:02 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <774597980@f747.n115.z1>
Source record: 271607

-=> Quoting Tony Molina to All <=-

TM> I have a Realistic PRO-31 scanner (old, I know, around '85 I think?).
TM> It handles 68-88Mhz (although the manual says 30-54 which it *can't*
TM> do) 138-174Mhz 380-512Mhz.
TM>
TM> Can this scanner be modified to receive extra frequencies as I hear
TM> other scanners can be done? Is there an FTP site with info on this?

Hi, Tony...No, extra freqs can't be extracted from this unit. I suspect
you can get 30-54 by moving a diode around (don't know which) but you will
lose the 68-88 Mhz and may have to have the unit re-align.

Jerry

6515. Re: Clarification on which Pro-43s are modifiable

Newsgroup: rec.radio.scanner
Date: 1994-07-18 13:16:03 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <774597981@f747.n115.z1>
Source record: 271611

-=> Quoting w.mccall@csi.compuserve.com to All <=-

w.> (I have a Radio Shack 43 with this date code) I
> w.> just read a post saying that the 3A4 was modifiable. Can someone
> w.> clarify?
>
> Bill...
> The unit you have is modifiable. Any units made after April of '94
>cannot be modified.
>
> To verify further, check to see if your unit has the letter "A" before
>the serial number and the FCC ID code.
>
> Jerry
>
w.>
w.> Jerry,
w.> I'll probably reply via email, but thought I would post this here
w.> for everyone's benefit. The FCC ID is AA020-300 and the serial number
w.> is 078999. Is this consistent with your statement that this is a
w.> modifiable unit?

Hi, Bill...
You don't mention an 'A' before the serial number, so the unit should be
modifiable.

Jerry

CompuServe...73747,2143
Internet...73747.2143@compuserve.com
`

6516. Re: M-400 Multimode Decoder Output to Computer

Newsgroup: rec.radio.scanner
Date: 1994-07-18 13:16:49 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.384.000D4824@ccm.hf.intel.com>
Source record: 271580

In article <302l32INNhjt@twain.ucs.umass.edu> mbarnard@twain.ucs.umass.edu (Mike Barnard) writes:

> POCSAG... That's what digital pagers talk, right? Is there anyone
>out there who has the specs on this? Could they actually be found on the
>net? So much cool digital decoding can be done with a sound card, even if
>not in real-time...

Here is some info that I think was originally posted by Dave Emery:

The following summary describes the coding used on POCSAG pager signals and may be of interest to those curious about what those ear-splitting beeps and buzzes mean and how they encode data. This summary is based on a very old text of the standard from my files; the current text of the POCSAG standard is available as CCIR Radiopaging Format 1.

Note that some current POCSAG signals (so called Super-POCSAG) transmit paging at 1200 or 2400 baud instead of the 512 baud I refer to here, but use essentially a similar coding standard.

The interested USA reader is reminded that willfully intercepting other than tone only paging is a violation of the ECPA with similar penalties and criminal status to willfully intercepting cellular phone calls.

The interested reader is advised that at least two of Universal Shortwave's RTTY reading devices (the M8000 and the new C-400) are capable of reading at least the older 512 baud version of POCSAG paging, so commercial devices for this purpose are currently being sold in the USA.

And finally, much alphanumeric paging - particularly that installed some time ago, uses a proprietary Motorola encoding format called GOLAY which is quite different from POCSAG. The two can be told apart by their baud rates - GOLAY is 600 baud.

POCSAG

First POCSAG stands for Post Office Code Standarization Advisory Group. Post office in this context is the British Post Office which used to be the supplier of all telecommunications services in England before privatization.

POCSAG as defined in the standard, (original POCSAG) is 512 bits per second direct FSK (not AFSK) of the carrier wave with +- 4.5 khz shift (less deviation than that is used in some US systems). Data is NRZ coded with the higher frequency representing 0 (space) and the lower one representing 1 (mark).

The basic unit of data in a POCSAG message is the codeword which is always a 32 bit long entity. The most significant bit of a codeword is transmitted first followed immediately by the next most significant bit and so forth. The data is NRZ, so that mark and space values (plus and minus voltages) as sampled on the output of the receiver discriminator at a 512 hz rate corrospond directly to bits in the codeword starting with the MSB. (Note that the audio output circuitry following the discriminator in a typical voice scanner may considerably distort this square wave pattern of bits, so it is best to take the signal directly off the discriminator before the audio filtering).

The first (msb) bit of every POCSAG codeword (bit 31) indicates whether the codeword is an address codeword (pager address) (bit 31 = 0) or a message codeword (bit 31 = 1). The two codeword types have have different internal structure.

Message codewords (bit 31 = 1) use the 20 bits starting at bit 30 (bit 30-11) as message data. Address codewords (bit 31 = 0) use 18 bits starting at bit 30 as address (bits 30-13) and bits 12 and 11 as function bits which indicate the type and format of the page. Bits 10 through 1 of both types of codewords are the bits of a BCH (31,21) block ECC code computed over the first 31 bits of the codeword, and bit 0 of both codeword types is an even parity bit.

The BCH ECC code used provides a 6 bit hamming distance between all valid codewords in the possible set (that is every valid 32 bit codeword differs from ever other one in at least 6 bits). This makes one or two bit error correction of codewords possible, and provides a robust error detection capability (very low chance of false pages). The generating polynomial for the (31,21) BCH code is x**10 + x**9 + x**8 + x**6 + x**5 + x**3 + 1.

Codewords are transmitted in groups of 16 (called batches), and each batch is preceeded by a special 17th codeword which contains a fixed frame synchronization pattern. At least as of the date of the spec I have, this sync magic word was 0x7CD215D8.

Batches of codewords in a transmission are preceeded by a start of transmission preamble of reversals (10101010101 pattern) which must be at least 576 bits long. Thus a transmission (paging burst) consists of carrier turnon during which it is modulated with 512 baud reversals (the preamble pattern) followed by at least 576/512 seconds worth of actual preamble, and then a sync codeword (0x7CD215D8), followed by 16 data/address codewords, another sync codeword, 16 more data/address codewords and so forth until the traffic is completely transmitted. As far I am aware there is no specified postamble. I beleive that all 16 of the last codewords of a transmission are always sent before the carrier is shut off, and if there is no message to be sent in them the idle codeword (0x7A89C197) is sent. Later versions of the standard may have modified this however.

In order to save on battery power and not require that a pager receive all the bits of an entire transmission (allowing the receiver

to be turned off most of the time, even when a message is being transmitted on the channel) a convention for addressing has been incorperated which splits the pager population into 8 groups. Members of each group only pay attention to the two address code words following the synch codeword of a block that corrospond to their group. This means that as far as addressing is concerned, the 16 codewords in a batch are divided into 8 frames of two codewords apiece and any given pager pays attention only to the two in the frame to which it assigned.

A message to a pager consists of an address codeword in the proper two codeword frame within the batch to match the recipients frame assignment (based on the low three bits of the recipient's 21 bit effective address), and between 0 and n of the immediately following code words which contain the message text. A message is terminated by either another address code word or an idle codeword. Idle codewords have the special hex value of 0x7A89C197. A message with a long text may potentially spill over between two or more 17 codeword batches.

Space in a batch between the end of a message in a transmission and either the end of the batch or the start of the next message (which of course can only start in the two correct two codeword frame assigned to the recipient) is filled with idle codewords. A long message which spills between two or more batches does not disrupt the batch structure (sync codeword and 16 data/address code words - sync code word and 16 data/address codewords and so forth) so it is possible for a pager not being addressed to predict when to next listen for its address and only turn on it's receiver then.

The early standard text I have available to me specifies a 21 bit address format for a pager (I beleive this has been extended since) with the upper 18 bits of a pager's address mapping into bits 30-13 of the address codeword and the lower 3 bits specifiying which codewords within a 17 codeword batch to look at for possible messages. The address space is further subdivided into 4 different message classes as specified by the function bits (bits 12 and 11 of a codeword). These address classes corrospond to different message types (for example bits 12 and 11 both zero indicate a numeric message encoded in 4 bit BCD, whilst bits 12 and 11 both set to 1 indicate an alpha message encoded in 7 bit ASCII). It was apparently envisioned that a given pager could have different addresses for different message types.

There are two message coding formats defined for the text of messages, BCD and 7 bit ASCII. BCD encoding packs 4 bit BCD symbols 5 to a codeword into bits 30-11. The most significant nibble (bits 30,29,28,27) is the leftmost (or most significant) of a BCD coded numeric datum. Values beyond 9 in each nibble (ie 0xA through 0xF) are encoded as follows:

0xA Reserved (probably used for something now - address extension ?)
0xB Character U (for urgency)
0xC " ", Space (blank)
0xD "-", Hyphen (or dash)
0xE ")", Left bracket

0xF "(", Right bracket

BCD messages are space padded with trailing 0xC's to fill the codeword. As far as I know there is no POCSAG specified restriction on length but particular pagers of course have a fixed number of characters in their display.

Alphanumeric messages are encoded in 7 bit ASCII characters packed into the 20 bit data area of a message codeword (bits 30-11). Since four seven bit characters are 21 rather than 20 bits and the designers of the standard did not want to waste transmission time, they chose to pack the first 20 bits of an ASCII message into the first code word, the next 20 bits of a message into the next codeword and so forth. This means that a 7 bit ASCII character of a message that falls on a boundary can and will be split between two code words, and that the alignment of character boundaries in a particular alpha message code word depends on which code word it is of a message. Within a codeword 7 bit characters are packed from left to right (MSB to LSB). The LSB of an ASCII character is sent first (is the MSB in the codeword) as per standard ASCII transmission conventions, so viewed as bits inside a codeword the characters are bit reversed.

ASCII messages are terminated with ETX, or EOT (my documentation on this is vague) and the remainder of the last message codeword is padded to the right with zeros (which looks like some number of NULL characters with the last one possibly partial (less than 7 bits)).

The documentation I have does not specify how long a ASCII message may be, but I suspect that subsequent standards have probably addressed the issue and perhaps defined a higher level message protocol for partitioning messages into pieces. The POCSAG standard clearly does seem to allow for the notion of encoding messages as mixed strings of 7 bit alpha encoded text and 4 bit BCD numerics, and it is at least possible that some pagers and paging systems use this to reduce message transmission time (probably by using some character other than ETX to delimit a partial ASCII message fragment).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6517. Chicago Area Scanner BBS

Newsgroup: rec.radio.scanner
Date: 1994-07-18 13:37:02 UTC
From: offline@ripco.com
Message-ID: <Ct51tr.EwK@rci.ripco.com>
Source record: 271656

The RF Spectrum one of Chicago's newest scanner related bbs's has just
added an online frequency database.
If you live or are interested is frequencys for the following states you
might want to give it a call.
Illinois
Indiana
Michigan
Kentucky
Ohio
Pennsylvania
New Jersey
Tennessee
North Carolina
Virginia

The RF Spectrum has the complete listings of all frequencys for those states.
As well as over 5000 radio and electronic related files.
You can call in at up to 14.4 kbs
The number is 312-581-3850

6518. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-07-18 13:40:49 UTC
From: DJENKINS@jetson.uh.edu
Message-ID: <30e0p1$1n9@masala.cc.uh.edu>
Source record: 271657

In <774332956@f747.n115.z1> Jerry writes:

> -=> Quoting Mike Diaz to All <=-
>
> MD> I went to my local Radio shack Saturday, and while I was there I asked
> MD> to take a look at the *NEW* PRO-2006 scanner they had on the shelf.
> MD> Well the sign under it said "NEW". When I looked closely at it I
> MD> realized that not only was it NOT new but it wasn't even a 2006A. It
> MD> was an older 2006, because the display backlight switch still said
> MD> "Dimmer" instead of "Display" and the model # on the back was 20-145
> MD> and not 20-145A. The "A" model has been out for 2 years now, so this
> MD> *NEW* radio HAD to be more than 2 years old. I guess they don't sell
> MD> very well here in San Jose.
> (truncated)
>
> I wouldn't worry about that, Mike. It's nice to know that there are some
> RS out there that won't sell the display model as a new unit to an
> unsuspecting customer.

My 2006 switch says "LIGHT", not "display" or "dimmer". The plate in the
back says 145-A, and this model was modifiable to get back cellular. Do
I have some sort of half-breed model?

6519. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-18 14:27:04 UTC
From: glr@ripco.com
Message-ID: <Ct5455.F6z@rci.ripco.com>
Source record: 271658

bill nelson (billn@hpcvaac.cv.hp.com) wrote:
: hoagy@umcc.umcc.umich.edu (Matthew Rupert) writes:
: : domonkos@access.digex.net (Andy Domonkos) did contribute said ASCII:
: : >A prank against a McD's employee is not the same as one against a cop,
: : >I don't think Jason or anyone w/common sense would do it. You obviously
: : >aren't aware of the pending law suits against McD's and other re;contaminated
: : >food thanks to some of their butt-headed employees. Prank-on Jason!

Why does everyone (almost) jump on this guys case for a silly prank, yet
there is an abundance of talk on here about listening to cellular phone
calls (undoubtly illegal)?

It's probably as likely that anyone at McD's would realize someone gave
em feedback, as the average cellular phone user would know someone was
spying on them.

Glen L. Roberts, Publisher, Directory of Elect Surv Equip Suppliers
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
Box 734, Antioch, Illinois 60002 Fax: (708) 838-0316
Voice/FAX on demand: (708) 356-9646

6520. Re: Repeater Freq for Shuttle Chatter?

Newsgroup: rec.radio.scanner
Date: 1994-07-18 15:04:07 UTC
From: feelym@aol.com
Message-ID: <30e5l7$nm3@search01.news.aol.com>
Source record: 271659

In article <Eb7AkSoPAl9H068yn@execpc.com>, pfanning@execpc.com (Pete Fanning) writes:

>>Greetings!

>>Does anybody know if there are frequencies that Shuttle broadcasts are
>>repeated on for those of us quite a distance from Florida (i.e.
>>Milwaukee, WI)?

Pete,

I have the same problem (I'm in Pewaukee). There is a ham re-broadcast out of Wausau, but I haven't been able to pick it up. You probably need a short-wave radio. At least as far as I can tell.

Let me know if you find anything we can pick up here in Milwaukee...

6521. Canadian Team frequencies needed.

Newsgroup: rec.radio.scanner
Date: 1994-07-18 15:35:38 UTC
From: keno@u.washington.edu
Message-ID: <30e7ga$asr@news.u.washington.edu>
Source record: 271660

The Blue Angels are out, and the Canadian Snowbirds (I think that is their name) are in this year in Seattle.

Does anybody have the frequencies for the Canadian team that they could either post or email?

They will be in Seattle the begining of August for the anual Seafair festival....

Thanks
keno@cac.washington.edu
Ken O.

6522. Re: TR-1200 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-18 15:38:27 UTC
From: rats@cbnewsc.cb.att.com
Message-ID: <Ct57G6.6no@cbnewsc.cb.att.com>
Source record: 271661
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In <xmyziZN.scanlock@delphi.com> states:

|It's the same thing with the cell lock. But resets don't work. It's a
|changed Processor.

Please explain.

(1) By "resets don't work" what does this mean? That there's a pushbutton or switch is inside for resetting the microprocessor?

(2) By "It's a changed Processor" what does this mean? That the EEPROM configuration of the TR-1200 no longer contains the frequency limits, or that the microprocessor has some sort of built-in cellular lock that can't be circumvented?

6523. Re: Nuts & Volts mag

Newsgroup: rec.radio.scanner
Date: 1994-07-18 15:46:17 UTC
From: shawnlg@netcom.com
Message-ID: <shawnlgCt57t5.99C@netcom.com>
Source record: 271662
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

Would some kind soul with a lot of patience like to transcribe the basics of the cellular programming article and place it here? I ordered my free trial issue and will probably subscribe, but I'll never get to see the June issue. No one around here carries it, not even the library.

--

Shawn Gordhamer
shawnlg@netcom.com
Rochester, Minnesota USA

6524. Seismic Monitoring Networks

Newsgroup: rec.radio.scanner
Date: 1994-07-18 16:09:32 UTC
From: hpeach@ca.uky.edu
Message-ID: <hpeach.120.001028D6@ca.uky.edu>
Source record: 271575

I just finished reading the article in Monitoring Times on seismic monitoring networks. Does anyone know if such a network exists for the New Madrid earthquake zone? If so, what frequencies are used and where are the monitoring stations located - especially those in Kentucky?

Harold
hpeach@ca.uky.edu

6525. Re: Nuts & Volts mag

Newsgroup: rec.radio.scanner
Date: 1994-07-18 16:14:22 UTC
From: glr@ripco.com
Message-ID: <Ct593y.H8w@rci.ripco.com>
Source record: 271663
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

Chuck Hawley (hawley@aries.scs.uiuc.edu) wrote:
: gcracker@netcom.com writes:

: >Is the Nuts & Volts mag worth the subscription price?

: YES!

I would have agreed, until they refused to accept my advertisement.
--

Glen L. Roberts, Publisher, Directory of Elect Surv Equip Suppliers
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6526. Cannot lock out a channel on Pro43

Newsgroup: rec.radio.scanner
Date: 1994-07-18 17:07:54 UTC
From: tfoecke@nist.gov
Message-ID: <9407181307.AA54278@steel.nist.gov>
Source record: 271667
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Wierd occurance. ON my new RS Pro 43, I cannot lockout channel 122. Only channel 122. Ideas?

tfoecke@nist.gov

6527. Hamfest & computer fest calendar for N. Illinois

Newsgroup: rec.radio.scanner
Date: 1994-07-18 17:14:36 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <Ct5BwD.2rA@nntpa.cb.att.com>
Source record: 271668
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc,sci.electronics.repair

HAMFEST/COMPUTERFEST CALENDAR 1994 - NORTHERN ILLINOIS
last updated June 9, 1994 |

o Please report additions or changes to Bob Parnass,
AJ9S, office phone: (708)979-5414, electronic
mail: parnass@ihlpf.att.com.

JULY

July 24, Sunday: Stickney, IL - DuPage ARC hamfest,
Hawthorne Race Course, 3500 South Cicero Ave. Handicap
accessible. Starts at 6 AM. Talk in on 142.25 MHz
with 107.2 PL. (-600). VE Testing 9 - 12. Advance
tickets are $4.00, $5.00 at the door.

This hamfest used to be held at the American Legion in
Downers Grove and was a good small to medium-sized ham-
fest. This year, there will be a 30,000 square foot
indoor exhibit area in an air conditioned building,
plus outdoor tailgating.

For advance tickets, send check payable to DARC,
enclose SASE, and send to Hamfest 94, 7511 Walnut Ave,
Woodridge, IL 60517. For commercial or fleamarket
tables info, call 708-985-9256.

July 31, Sunday: Sugar Grove, IL - Fox River Radio |
League (FRRL) Hamfest, Waubonsee Community College, |
Route 47 at Harter Road, 5 miles NW of Aurora, IL. Set |
up Sat 7 PM, Sun 6-8 AM, open to public 8 AM. Commer- |
cial dealers, flea market, computer vendors, refresh- |
ments. VE session: 10 AM (bring original license, a |
copy of license & photo ID). Free parking, camping |
nearby. Talk In on: 146.58/147.66. Adm: adv $4, door |
$5. Table: 8 ft $10. For advance tickets and informa- |
tion contact: Fox River Radio League, Box 673, Bata- |
via, IL 60510-673 or call Diana Skube, WD9API (708- |
293-7485), or Mark Hougaard, KB9FCC (708-810-1805).

July 31, Sunday: Racine, WI - Racine Hamfest, Sponsor:
Racine Megacycle Club - W9UDU South Hills Country Club,
East Frontage Rd. I-94 Between Hwy 20 & K. Advanced
admission SASE & $3.00. Send to: RMC P.O. Box 3
Racine, WI 53401. Information: 414-554-7565 - WB9USI

AUGUST

August 6, Saturday: Goshen, IN - Elkhart County Hamfest Sponsor: Elkhart County Radio Association Elkhart County 4-H Fair Grounds. 8AM to 3PM Advanced Tickets (till 7/1) $4.00, $5.00 at Gate. Send Ticket Requests or Table Reservations to: Elkhart County Hamfest, 20294 C.R. 36, Goshen, IN 46526 Information: 219-533-7632 - Jocelyne WZ9M

August 7, Sunday: Peotone, Il - Hamfesters Hamfest Will County Fairgrounds, Peotone, Il. Take I-57 South to Peotone Exit 327 (East). Flea market open 6:00am - 3:00pm. Tickets $4.00 advance w/double stub & $5.00 at gate w/single stub. No additional charge for flea market space. For advance tickets and information contact: Hamfesters Radio Club, Box 42792, Chicago, Il. 60642 or call Amateur Radio Info-Line: 1-708-535-AHAM

August 28, Sunday: Woodstock, IL - Tri-County Hamfest, Sponsor: Tri-County Radio Group, Inc. McHenry County Fairgrounds, Rte. 47 Junst North of Rte. 14. (Only 14 miles North of I90 on Rte. 47.) Advanced Tickets: $4.00, At The Door: $5.00 For advance tickets send check to: T.C.R.G., P.O. Box 3107, Skokie, IL 60076-6107 Information: 708-658-1678 Talk in on: 146.52

SEPTEMBER

September 11, Sunday: Joliet, IL - Bolingbrook ARS Ham/Computerfest, Inwood Recreation Center, 3000 W. Jefferson. This is a medium size hamfest with indoor/outdoor flea market. Gates open 8 AM for general public. Outdoor flea market on paved lot -- setup at 6 AM. Use Exit 253 from I55, or Exits 126/130 from I80. Admission $5. VE testing 9 AM - 12 noon. Bring original license and photocopy, ID and photo ID, plus $5.75 test fee. Novice-only tests are free. Talk-in 147.33, 224.54, and 443.525 MHz repeaters. Indoor table reservation, call Ed Weinstein at 708-085-0527. Info, BARS Hotline (708)759-7005 between 6 AM and 9 PM.

September 17-18, Saturday & Sunday: Peoria, IL - Superfest. Admission $5. For more info call (309)685-6698. Talk in on 146.76 (-600 kHz offset).

September 24-25, Saturday & Sunday: Grayslake, IL - Chicago FM Club, Ham Radio Expo. This is a large hamfest with indoor and outdoor flea markets. Lake County Fairgrounds, Rts 45 & 120. 6AM - 6PM. Info 146.76 MHz (-600). Admission $6 at gate, one ticket good for 2 days. Kids under 12 free.

OCTOBER

October 23, Sunday: Waukesha, WI - Kettle Moraine Ham-
fest Sponsor: Kettle Moraine Radio Amateurs Waukesha
County Exposition Center Forum Building, Highways J and
FT All orders MUST be accompanied by a SASE and mailed
to: KMRA Swapfest, P.O. Box 411, Waukesha, WI
53187-0411 General Admission - $4.00 ($5.00 at the
door)

NOVEMBER 1994

November 19-20, Sat.-Sun.: Fort Wayne, IN - Fort Wayne
Hamfest Sponsor: Allen County Amateur Radio Technical
Society (ACARTS) Allen County War Memorial Coliseum
Exposition Center Admission: $5.00 (No advance ticket
sales.) For information or table orders, send a SASE
to: ACARTS, P. O. Box 10342, Fort Wayne, IN 46851 or
call John Rufner at 219-483-6305 (table info) Don Gag-
non at 219-484-3317 (general info)

Nov 27, Sunday: Wheaton, IL - GMRS of Illinois May Fest
'94. Admission $5. Starts 8 AM. Setup 6 AM. Info,
call (708)690-1492.

COMPUTERFEST SCHEDULE

September 17, Saturday: Kankakee, IL - Computer Fest
1994. Sponsor: Kankakee River Valley Computer Users'
Group. Kankakee County Fairgrounds 9:00 a.m. to 3:30
p.m. Admission $4.00. Information: 815-935-8590 or
815-935-1605>

Computer Central, College of DuPAGE, Main Arena of the
Physical Education Building Park Blvd & College Road,
Glen Ellyn, Il. 708-940-7547 $5 with card Normal
admission $6.00 Opens 9:30 am - 3:00 pm

05/22/94, 06/26/94, 07/31/94, 09/18/94, 10/30/94,
11/27/94

Orland Park Computer Show held at The Orland Park Civic
Center, 147th Street & LaGrange Road, Orland Park, Il.
9:30AM - 3:00PM. Call 708-974-3123 for information or
to get on mailing list. Admission $5.00 or $4.00 with
card.

05/15/94, 06/12/94, 07/17/94, 09/18/94, 10/16/94,
11/20/94, 12/18/94
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6528. Re: Cannot lock out a channel on Pro43

Newsgroup: rec.radio.scanner
Date: 1994-07-18 17:27:33 UTC
From: tfoecke@nist.gov
Message-ID: <9407181327.AA33173@steel.nist.gov>
Source record: 271671
Cross-posted to: alt.radio.scanner,rec.radio.scanner

>
> Wierd occurance. ON my new RS Pro 43, I cannot lockout channel 122.
> Only channel 122. Ideas?
>
> tfoecke@nist.gov
>

Update. The freq. I was trying to lock out was 161.7 MHz, on which was a dead air carrier noise of some sort. Not a birdie. The scanner would not let me lock it out, but when I reprogrammed to 0 MHz, no problem.

6529. PRO-2022 mod: number of channels

Newsgroup: rec.radio.scanner
Date: 1994-07-18 17:40:40 UTC
From: mpatz@unixg.ubc.ca
Message-ID: <30eeqo$sms@nnrp.ucs.ubc.ca>
Source record: 271665

Not too long ago there was some discussion either here or in alt.radio.scanner about a mod which would greatly expand the number of channels one could program into a Pro-2022. Is this mod apocryphal, or does someone actually have it?

If it does exist, could someone _please_ let me know where I can get a copy?

Many, many, MANY thanks!

6530. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-18 18:23:46 UTC
From: srj@sjohnson-ss10.cisco.com
Message-ID: <SRJ.94Jul18112346@sjohnson-ss10.cisco.com>
Source record: 271674
Cross-posted to: ba.broadcast,rec.radio.scanner

In article <kjnCt0JAx.5EC@netcom.com> kjn@netcom.com (Ken Navarre) writes:

RE: Traffic reports:
Why is it that in southern Ca. freeways are called "The ..." and in
northern Ca. just the freeway number is used?
Down south they say "...traffic is backed up from *the* 101... to"
Up here it's "...traffic is backed up from 101 to..."

This has been hashed out forever in ba.transportation. You might want to
check this out over there... Look for "North-South Cal linguistic split"
or permutations thereof in the subject lines.

--
--srj Berkeley has two products: LSD and BSD Unix. That can't
o_O be a coincidence...
=( ) = ---
U Ack! Scott Johnson Cisco Systems srj@cisco.com 415-324-5205

6531. Are these any use to me ?

Newsgroup: rec.radio.scanner
Date: 1994-07-18 18:25:23 UTC
From: SteveJ@deltabbs.demon.co.uk
Message-ID: <774555923snz@deltabbs.demon.co.uk>
Source record: 271581

First off,let me apologise for not taking the time to lurk for
a few days before I start asking questions.
I have a PRO(!)37 which I just use occaisonally.I heard on one of the
other newsgroups that there were certain modifications that could be carried
out to 'enhance' the performance of this unit.I'm not asking for details just
yet,but if the mods would be of any use in the UK,perhaps somebody could let
me know by Email or whatever.
Many thanks ..

sjb

6532. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-18 18:38:32 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jul18.133832.2650@hnrc.tufts.edu>
Source record: 271666

In article <Ct5455.F6z@rci.ripco.com>, glr@ripco.com (Glen Roberts) writes:
>
> Why does everyone (almost) jump on this guys case for a silly prank, yet
> there is an abundance of talk on here about listening to cellular phone
> calls (undoubtly illegal)?
>

I haven't jumped on his case, yet. But if I were to, it would be because of
the possibility of harm from some especially loud feedback to someone
wearing headphones.

6533. Re: Cannot lock out a channel on Pro43

Newsgroup: rec.radio.scanner
Date: 1994-07-18 19:30:32 UTC
From: cab@col.hp.com
Message-ID: <30el8o$oe6@hp-col.col.hp.com>
Source record: 271672
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> Wierd occurance. ON my new RS Pro 43, I cannot lockout channel 122.
> Only channel 122. Ideas?

You're not allowed to lock out ALL the channels in a given bank - 122 may be the last one left active in bank 7. See if that's what's going on.

6534. Other Pro-34 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-07-18 19:33:55 UTC
From: adammot@io.org
Message-ID: <30elf3$ika@ionews.io.org>
Source record: 271576
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Is there any other Pro-34 mods available other than cellular restoration and restoration of low FM band converage?

I am particularlly interested in a way to make the Pro-34 louder. Even at full volume it just doesn't get loud enough.

Thanks.

6535. Cannot lock out channel 122 on Pro43 ibid.

Newsgroup: rec.radio.scanner
Date: 1994-07-18 19:43:36 UTC
From: tfoecke@nist.gov
Message-ID: <9407181543.AA36465@steel.nist.gov>
Source record: 271579
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Another update. Despite the messages sent to me ascribing the phenomena to a boneheaded newbie problem, this channel 122 is NOT the last channel in the bank to be locked out. There are at least 4 other active channels.

tfoecke@nist.gov

6536. Re: Cannot lock out a channel on Pro43

Newsgroup: rec.radio.scanner
Date: 1994-07-18 20:00:45 UTC
From: dan@chinook.halcyon.com
Message-ID: <30en1d$c92@nwfocus.wa.com>
Source record: 271578
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <30el8o$oe6@hp-col.col.hp.com>, Chris Best <cab@col.hp.com> wrote:
>> Wierd occurance. ON my new RS Pro 43, I cannot lockout channel 122.
>> Only channel 122. Ideas?
>
>You're not allowed to lock out ALL the channels in a given bank - 122 may
>be the last one left active in bank 7. See if that's what's going on.

However, there is a bug in the 43 that will let you lock out the last
unlocked out channel IF you are in program mode. If you accidently do
that, the only way to get the scan group back is the reset the scanner
:(
--
dan@halcyon.com
Dan & Amy Lawrence
Seattle, WA USA

6537. Re: Beware new 2006

Newsgroup: rec.radio.scanner
Date: 1994-07-18 20:34:24 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-180794122652@m12010.esl.com>
Source record: 271577

In article <30e0p1$1n9@masala.cc.uh.edu>, DJENKINS@jetson.uh.edu (Jenkins, David F.) wrote:

> In <774332956@f747.n115.z1> Jerry writes:
>
> > -=> Quoting Mike Diaz to All <=-
> >
> > MD> I went to my local Radio shack Saturday, and while I was there I asked
> > MD> to take a look at the *NEW* PRO-2006 scanner they had on the shelf.
> > MD> Well the sign under it said "NEW". When I looked closely at it I
> > MD> realized that not only was it NOT new but it wasn't even a 2006A. It
> > MD> was an older 2006, because the display backlight switch still said
> > MD> "Dimmer" instead of "Display" and the model # on the back was 20-145
> > MD> and not 20-145A. The "A" model has been out for 2 years now, so this
> > MD> *NEW* radio HAD to be more than 2 years old. I guess they don't sell
> > MD> very well here in San Jose.
> > (truncated)
> >
> > I wouldn't worry about that, Mike. It's nice to know that there are some
> > RS out there that won't sell the display model as a new unit to an
> > unsuspecting customer.
>
> My 2006 switch says "LIGHT", not "display" or "dimmer". The plate in the
> back says 145-A, and this model was modifiable to get back cellular. Do
> I have some sort of half-breed model?

David
No, you have a regular PRO-2006A, the display switch label does read
"LIGHT" my radio is at home and I guess I don't pay that much attention
to the actual label on my 2006A. I just remember that the older 2006 is
labeled "DIMMER". My point with this posting is that there are still
modifiable 2006's for sale. The rumored 2006B may or may not exist
I just have not seen one in a store. Just because a sign says it's
new doesn't mean it's actually a new model of radio, it's just not
"Used" I guess. There is A LOT of mis-information going around that is
fueled by these rumors. Until somebody gets a 2006 that can't be
modified, it is just a rumor as far as I'm concerned.

Good scannin' to ya.
MAD

The opinions expressed here are | Covering 100KHz to 2GHz contiguous.
my own but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

6538. R-100 (100MHz to 1.8xxGHz)

Newsgroup: rec.radio.scanner
Date: 1994-07-18 21:28:06 UTC
From: thweatt@rtsg.mot.com
Message-ID: <thweatt.774566886@mustang3>
Source record: 271588

Are you interested in a scanner which will receive
everything from 100MHz to 1.8xxGHz? I am in the
process of selling this receiver made by ICOM (this
is a quality receiver). This radio was purchased since
I really wanted to see what was out on the radio waves
without blocking anything (this is continuous coverage).
This radio is in mint conditon and is only a year old
but I am now interested in other things. This radio
comes with all original (nothing missing) parts. The lowest
I will go on this receiver is $500 but I will consider paying
shipping and handling. This radio has never had any problems
and ICOM makes one of the best receivers around. If your
intersted just send me some email.

John T.

6539. Re: Canadian Team frequencies needed.

Newsgroup: rec.radio.scanner
Date: 1994-07-18 22:21:04 UTC
From: jim4dice@aol.com
Message-ID: <30ev8g$1bg@search01.news.aol.com>
Source record: 271582

In article <30e7ga$asr@news.u.washington.edu>, keno@u.washington.edu (Kenneth Oakman) writes:

>The Blue Angels are out, and the Canadian Snowbirds (I think that is their name)
>are in this year in Seattle.

>Does anybody have the frequencies for the Canadian team that they could
>either post or email?

>They will be in Seattle the begining of August for the anual Seafair festival....

Here are the freqs. I have for the Snowbirds. I haven't confirmed them and don't know how old they are, but hopefully they'll be a few "hits" here:

227.600
244.500
275.800
295.600
344.500
236.600
245.000
283.900
310.800
356.600
239.800
245.700
284.400
316.500
363.800
243.400
266.300
284.500
322.800
378.500

Hope these help.

Jim Fordyce
Coram, NY
j4dice@aol.com

6540. Re: Cannot lock out a channel on Pro43

Newsgroup: rec.radio.scanner
Date: 1994-07-18 23:19:10 UTC
From: rfh@netcom.com
Message-ID: <rfhCt5sry.510@netcom.com>
Source record: 271587
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <9407181307.AA54278@steel.nist.gov> tfoecke@nist.gov (Tim Foecke) writes:
>
>Wierd occurance. ON my new RS Pro 43, I cannot lockout channel 122. Only
>channel 122. Ideas?

It's my guess that all other channels in that bank are already
locked-out. The Pro-43 won't let you lock-out every channel in a
bank. BTW, when I tried to lock-out everything and set all freqs to 0,
I somehow managed to kill the unit (blank screen, buttons inop, even
power cycling wouldn't help). The only way to restore it was the
general reset (hold down the 0 and clear while cycling power).

--
~ bob (Bob Hutson)
==========
bab@swdc.stratus.com (not a typo) San Jose, CA
rfh@netcom.com (408) 559-5320

6541. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-18 23:36:16 UTC
From: David Harpe <david_harpe@mm.cobb.ziff.com>
Message-ID: <Ct5tKI.BxI@zcias2.ziff.com>
Source record: 271585

With all this talk of listening to drive-thru frequencies, I can't help but wonder how much the scanner hobby has contributed to business for these restaurants. Rows of scanner geeks lining up to buy something in the drive-thru, just so they can hear the headset chatter. Maybe Uniden should include a coupon for a free Happy Meal with each scanner purchased..... :-)

David Harpe
David_harpe@mm.cobb.ziff.com

6542. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-18 23:59:22 UTC
From: kjn@netcom.com
Message-ID: <kjnCt5uMz.1nB@netcom.com>
Source record: 271584

: Scanners can't transmit; what they intend to do is not illegal by FCC
: standards...

: The feedback idea, that will work...

: Andy

Actually, that is not quite true. My friend was a student at Cal Berkeley in the '70's and discovered that his original Bearcat scanner put out a rather healthy signal. It was strong enough to acquire the Berkeley Fire Dept. repeater. It also did the samething to the San Mateo Police Dept. repeater on 154.77 Mhz. They called the FCC about 'harmful interference'. We had quite a lot of fun for a while... range was over a mile...

I have found the drive thru freqs helpful as I drive the Interstate Freeway system. When I get hungry I punch the scanner bank with the freqs, check the display and see which one is at the next off-ramp... kind of a McDonalds detector...

--
kjn@netcom.com (Ken Navarre)

6543. Re: freq help

Newsgroup: rec.radio.scanner
Date: 1994-07-19 00:13:03 UTC
From: Dimitri Vekris <dvekris@delrina.com>
Message-ID: <30erq7$i3b@steel.interlog.com>
Source record: 271583

Cellular phones transmit full-duplex to their respective cell sites much like cordless phones.

Tx (cell phone to cell site) 824.000 MHz - 845.010 MHz
Rx (cell site back to phone) 869.040 MHz - 893.970 Mhz

Keep in mind that your scanner should have a selection for 30 Khz steps. If it does not, it's not too much of a problem but it'll just take you much longer to scan the band because it will stop between channels if there's a carrier present. Your best bet is to scan in the Rx range because then. most times you can catch both directions of conversation.

In Canada, cellular scanning is still legal whereas in the United States, it is illegal. I repeat, against the law. I am not condoning nor telling you to listen, this is just some information on where others listen. Personally, if you're going to invest money in a scanner, do so soon because the FCC is getting down and dirty with all the manufacturers to make their units unmodifiable. A personal favourite is the Bearcat 2500XLT. The last of the greats !!

Regards ...

6544. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-19 00:14:48 UTC
From: kjn@netcom.com
Message-ID: <kjnCt5vCq.3vG@netcom.com>
Source record: 271586

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: In article <Ct5455.F6z@rci.ripco.com>, glr@ripco.com (Glen Roberts) writes:
: >
: > Why does everyone (almost) jump on this guys case for a silly prank, yet
: > there is an abundance of talk on here about listening to cellular phone
: > calls (undoubtly illegal)?
: >

: I haven't jumped on his case, yet. But if I were to, it would be because of
: the possibility of harm from some especially loud feedback to someone
: wearing headphones.

Not a problem...
The volume is controlled by the wearer. The feedback would not be any
"louder" than the regular voice... the frequency (audio, not RF lets not
do *that* thread again...) might be a bit higher but is still in the
voice range...

It is actually more fun to keep the volume up just enough so that the
employee can hear themselves with the short time delay that adds a slightly
(but detectable) different quality to their voice.

As for lawsuits, at least one individual has been fined by the FCC
following a complaint by McDonalds when he decided to use his handi
talkie to chat back with the folks inside...

Talk about unclear on the concept...

Prank on, dudes...
--
kjn@netcom.com (Ken Navarre)

6545. Re: sam's/walmart freq's

Newsgroup: rec.radio.scanner
Date: 1994-07-19 00:38:19 UTC
From: voltaire@maple.circa.ufl.edu
Message-ID: <30f79tINNpq3@no-names.nerdc.ufl.edu>
Source record: 271593
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <saay0636.63.2E282344@wtamu-pclab.wtamu.edu>, saay0636@wtamu-pclab.wtamu.edu (Sami A. Yousif) writes:
>Can anyone tell me the freqs used by the sams or walmart stores. I see them
>running around with those radios and am wondering if there was anything
>interesting to hear on those.
>

Try 154.570 MHz. They generally use those Motorola radios, and the company sells (at Sam's, in fact) three different models with three different frequencies. I have no idea what they use them for, but other stores use them for communicating with in-store security people.

Voltaire

6546. Fire Dept. Freqs for Baltimore, MD

Newsgroup: rec.radio.scanner
Date: 1994-07-19 00:50:41 UTC
From: mdclar00@mik.uky.edu
Message-ID: <mdclar00.774579041@mik.uky.edu>
Source record: 271589
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Would someone please send me the Fire Department Frequencies for Baltimore
and surrounding areas. (Include Baltimore Co, Howard Co, Anne Arundel Co.)
Thanks ,
Matt Clarke
mdclar00@mik.uky.edu

6547. PRO-46

Newsgroup: rec.radio.scanner
Date: 1994-07-19 01:00:00 UTC
From: dave.blaskey@corpsoft.com
Message-ID: <326.600.uupcb@corpsoft.com>
Source record: 271595

I've recently purchased a PRO-46 mainly for use at Indy and Nascar
races. It worked great at the 500. Are there any mods for this? I've
been lurking around here for a few weeks and have seen no mention at all
about this scanner.
Thanks
Dave
dave.blaskey@corpsoft.com

. OLX 2.1 TD . This tagline stolen by Off-Line Xpress!

+---+
| CorpSoft BBS [3 Nodes] - (815) 886-9388 28.8 v.fc |
| Romeoville, IL |
+---+

6548. Carry Case for PRO-43

Newsgroup: rec.radio.scanner
Date: 1994-07-19 01:41:07 UTC
From: andycl168@aol.com
Message-ID: <30favj$5dt@search01.news.aol.com>
Source record: 271590

Does anyone have a suggestion for a good carry case for the PRO-43? I dropped mine and destroyed the LCD display, incurring $49 in damage. I don't want this to happen again. Please email me.
Andy Clark

6549. Lake George , New York Freq

Newsgroup: rec.radio.scanner
Date: 1994-07-19 01:41:21 UTC
From: gtenedios@shrsys.hslc.org
Message-ID: <19JUL94.01412180@shrsys.hslc.org>
Source record: 271591

Does anyone out there have frequencies for the Lake George, NY area?
You can email if you wish.
Thanks!

6550. cordless freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-19 02:30:28 UTC
From: hbcsc055@huey.csun.edu
Message-ID: <30fds4$oke@nic-nac.CSU.net>
Source record: 271592

I tried scanning the frequencies 46.61 to 46.97 and all I recieve are clicks. Does this mean anything? Two of the frequencies I hear these clicks on pick up the cordless phones in my house.

6551. Re: Seismic Monitoring Networks

Newsgroup: rec.radio.scanner
Date: 1994-07-19 02:57:29 UTC
From: kjn@netcom.com
Message-ID: <kjnCt62vu.C69@netcom.com>
Source record: 271594

Harold G. Peach Jr. (hpeach@ca.uky.edu) wrote:
: I just finished reading the article in Monitoring Times on seismic monitoring
: networks. Does anyone know if such a network exists for the New Madrid
: earthquake zone? If so, what frequencies are used and where are the
: monitoring stations located - especially those in Kentucky?
: ---
: Harold
: hpeach@ca.uky.edu

Harold;
Contact the Public Seismic Network in Memphis (818) 797-0536. Charlie
Rond is sysop and is very helpful with the amateur seismologist out
there. I briefed him on the USGS activities in Ca. Hopefully, he has been
able to collect some info from your area. The article listed the govt.
allocations for telemetry transmissions. Give a listen and let us know
what you find.

Hope you liked the article...

Regards;
--
kjn@netcom.com (Ken Navarre)

6552. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-19 11:48:52 UTC
From: jdwhite@iastate.edu
Message-ID: <30gej4$de3@news.iastate.edu>
Source record: 271598

In article <kjnCt5vCq.3vG@netcom.com>, Ken Navarre <kjn@netcom.com> wrote:
[...]
>As for lawsuits, at least one individual has been fined by the FCC
>following a complaint by McDonalds when he decided to use his handi
>talkie to chat back with the folks inside...

We had an incident here about six years ago involving a guy who was using his radio to threaten life and limb at one of our local McDonalds. He was finally caught. I was working at another local store at the time and I remember asking what the frequencies were at the time (hadn't become a "scanner buff" yet) and being told that they were being kept confidential (out of sheer paranoia). Looking back, I have have to chuckle at this since this info is so readily available and a matter of public record.

-Jason
--
Jason D. White Durham Center Operations Staff
jdwhite@iastate.edu Repeater Chairman, Cyclone Amateur Radio Club
Iowa State University Packet: n0rwu @ ki0q.#cia.ia.usa.na
Ames, Iowa

6553. Re: Police & Medical Helo's

Newsgroup: rec.radio.scanner
Date: 1994-07-19 12:30:06 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.385.000C80D8@ccm.hf.intel.com>
Source record: 271544

In article <774332959@f747.n115.z1> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
writes:

> -=> Quoting Nicholas Strauss to All <=-

> NS> I've been trying to get some contact with from Stanford's
> NS> Life Flight helo. It flies over my house often enough,
> NS> I better be able to scan them...
> NS>
> NS> Just wondering if any one knows the usual procedures
> NS> used with things like Life Flight. When do they talk
> NS> to dispatchers, people at the LZ, destination hospitals,
> NS> etc. And how much of this is done on landline before/
> NS> after flight?

Stanford's life flight (it is not really Stanford's) has about 5 freqs in the
800MHz range. There is also a coordination freq that is 130.xxx that the helo
uses to talk directly to stanford. I could probably dig it up if you need it.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6554. Re: cordless freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-19 12:36:02 UTC
From: andycl168@aol.com
Message-ID: <30ghbi$fc8@search01.news.aol.com>
Source record: 271599

In article <30fds4$oke@nic-nac.CSU.net>, hbcsc055@huey.csun.edu (Chisel) writes:

>I tried scanning the frequencies 46.61 to 46.97 and all I recieve are >clicks. Does this mean anything? Two of the frequencies I hear these <clicks on pick up the cordless phones in my house.

Cordless phones are pretty short range, so you're not going to pick up much, anyway. The best thing to do is look in the back of Police Call and get the actual frequencies. Just use the 46.xxx ones.

6555. Re: BC 2500XLT Report

Newsgroup: rec.radio.scanner
Date: 1994-07-19 12:46:42 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.386.000CC7A2@ccm.hf.intel.com>
Source record: 271545

In article <16FF5C24DS86.DEVENNEY@VM.TEMPLE.EDU> DEVENNEY@VM.TEMPLE.EDU writes:

>I would appreciate any comments pro or con from users of the BC 2500XLT.

Features are unsurpassed in a hand-held. RF performance is marginal. You may want to wait for the BC3000XLT which will take its place, unless you really demand access to the cellular band (2500 can be moded, 3000 can't).

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6556. Re: Stupid ?

Newsgroup: rec.radio.scanner
Date: 1994-07-19 13:04:47 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.387.000D14D3@ccm.hf.intel.com>
Source record: 271546

In article <223312Z16071994@anon.penet.fi> an113259@anon.penet.fi (Fubar) writes:

>I know this is a stupid question, but I am very new to the internet (hey
>you were once too) but what is the difference between this newsgroup and
>alt.radio.scanner?

>Just wondering. Thanks....

>Fubar

>--
>To find out more about the anon service, send mail to help@anon.penet.fi.
>Due to the double-blind, any mail replies to this message will be anonymized,
>and an anonymous id will be allocated automatically. You have been warned.
>Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

First of all, most of the newsgroups do not care for people who post from
anonymous sites. There is nothing to hide...

alt.radio.scanner came first and was "replaced" by rec.radio.scanner since the
rec. groups have much wider distribution. alt.radio.scanner lives on for the
simple fact that people still use it. You'll see many messages cross-posted
to both.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6557. Re: ICOM R1 vs. AOR AR1000XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-19 13:11:16 UTC
From: schuster@panix.com
Message-ID: <30gjdk$lap@panix.com>
Source record: 271600

Like trn keeps telling me: ***START USING REC.RADIO.SCANNER*****

In article <1994Jul18.180254.1686@ceris.purdue.edu>,
Alan Bunning <abunning@CERIS.Purdue.EDU> wrote:
>Which is better, ICOM R1 or AOR AR100XLT? I think there might have been a
>discussion on this several months ago but I wasn't paying attention. Could
>someone please summarize?

The AOR is a better receiver by far.

The R1 is acceptable for situations where size is of paramount importance;
like travel or covert listening.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6558. Re: Other Pro-34 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-07-19 13:27:10 UTC
From: macy@telemax.com
Message-ID: <Ct6w1B.33@telemax.com>
Source record: 271618
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <30elf3$ika@ionews.io.org> adammot@io.org (Adam Mottershead) writes:
>
>I am particularlly interested in a way to make the Pro-34 louder. Even at
>full volume it just doesn't get loud enough.

I bought an amplified speaker from a mfr called "Naval" at a hamfest
a couple of years ago. It has a vox switch in it to conserve battery
life, and can also use nicad AA batteries or 12vdc. I used it both
on my ham handheld and my scanner with good results. I saw this
speaker in the AES catalog as well. Works well, but a bit pricy.

You'll find the 34 sounds much better with any decent external speaker.
This is true of the 43 and most other handhelds, 1.5" speakers just
can't make that much sound... I got a used GE external speaker from
a 2 way radio at a hamfest for $2, put a new cord/jack on it and it
sounds great on a handheld. Even the desktop units are much improved
by using a really good speaker on them.

Just sold my 34, had too many radios. It was a mistake, this was a
very good scanner. Much better than most and very useable. Good
overall performnace, IMHO. You can pick these up used for $150 to
$175, put a good antenna on them (I like the Diamond RH-77A) and
get better performance than most anything else on the market.

Regards,

--
Macy M. Hallock, Jr. N8OBG +1.216.723.3030 macy@telemax.com macy@fms.com
Telemax, Inc. - F M Systems, Inc. 152 Highland Drive Medina, OH 44256 USA

6559. REQUEST: Port Orchard, WA freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-19 13:57:14 UTC
From: garywils@netcom.com
Message-ID: <garywilsCt6xFE.365@netcom.com>
Source record: 271614

If you have any, please e-mail to me. And Thanks
Gary
garywils@netcom.com

6560. PRO 43 vs. BC 2500XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-19 14:42:57 UTC
From: DEVENNEY@VM.TEMPLE.EDU
Message-ID: <16FF896B1S86.DEVENNEY@VM.TEMPLE.EDU>
Source record: 271601

I have gotten reports of dealers getting high return rates on the
BC 2500XLT. One large scanner/swl dealer on the East Coast is not
stocking the radio any more. Can anyone comment on this or on their
experience with the unit?
I would also find any PRO-43 comments helpful. After hearing the
negatives on the 2500, I am leaning toward that model. Thanks.

6561. Re: Cannot lock out channel 122 on Pro43 ibid.

Newsgroup: rec.radio.scanner
Date: 1994-07-19 15:56:40 UTC
From: cab@col.hp.com
Message-ID: <30gt3o$i08@hp-col.col.hp.com>
Source record: 271602
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> Another update. Despite the messages sent to me ascribing the phenomena to a
> boneheaded newbie problem, this channel 122 is NOT the last channel in the
> bank to be locked out. There are at least 4 other active channels.

Hmmm. Just a guess, since nothing else has helped: could that channel be
set as your priority channel? I don't know whether this would matter or
not, but ya never know.

6562. Re: Pro 2006 poor reception

Newsgroup: rec.radio.scanner
Date: 1994-07-19 16:28:30 UTC
From: briskin@binah.cc.brandeis.edu
Message-ID: <1994Jul19.162830.7010@news.cs.brandeis.edu>
Source record: 271604

John Hall recommended switching the -15db switch....

+++ATS0=1
Yes, John, I absolutely made the same mistake you did. Fiddled with the switch, and now reception is much, much better. Not as good as the 2021 was, but definitely can pick up most of the freq's it didn't before. Thanks for the tip!

One thing I did notice is that, unlike other synths, the 2006 makes 'white noise' (like an AM radio tuned to nothing) while it's scanning even when it's not on a particular channel (this happens no matter where the squelch is). It's rather disconcerting, but I can live with it. Does yours make the same noise?

Jeff Briskin

6563. Shuttle Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-19 19:03:20 UTC
From: jim@ttech.com
Message-ID: <jim-190794110320@jimsmac.ttech.com>
Source record: 271525

Does anyone know the frequency used for Space Shuttle to Ground communication. I know that rebroadcasts can be received on the ham bands and am NOT interested in this.

-Jim

6564. Re: Freq's for Tulsa Ok area

Newsgroup: rec.radio.scanner
Date: 1994-07-19 20:01:15 UTC
From: veith@cherokee.nsuok.edu
Message-ID: <1994Jul19.200115.8816@cherokee.nsuok.edu>
Source record: 271615

rmike@FNALF.FNAL.GOV writes:

> Hi everyone,
> Will be moving to Tulsa Ok in the next month or so and was wondering
> if anyone had the local Police, Fire and othe misc Freq for the
> Tulsa area.
> Thanks.
> 73's
> Mike/N9SAV
> Try NIARC-145.58R/147.66T

I would copy the material from my "Police Call" covering Tulsa
but it's WAY to voluminous.

When you get to Tulsa go to a Radio Shack and get "Police Call".
You will find tons of frequencies. I have always been able to
find them at the Radio Shack at Woodland Hills Mall.

Best Regards,
Charles (KG5TV) veith@cherokee.nsuok.edu Tahlequah, OK

6565. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-19 20:06:20 UTC
From: peter_simpson@3com.com
Message-ID: <3001@bridge2.NSD.3Com.COM>
Source record: 271613

Is there any prohibition on replacement controller chips or PROMs?

Peter Simpson, KA1AXY Peter_Simpson@3com.com
3Com Corporation (508) 836-1719 voice
Northborough, MA 01532 (508) 393-6934 fax

I speak only for myself, 3Com doesn't pay me to speak for them, so I don't.

6566. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-19 20:24:08 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jul19.202408.14094@hpcvaac.cv.hp.com>
Source record: 271534

hoagy@umcc.umcc.umich.edu (Matthew Rupert) writes:
: billn@hpcvaac.cv.hp.com (bill nelson) did contribute said ASCII:
: >
: >They are not creating any interfering signal - that is what you cannot
: >seem to grasp, even though you have been told several times.
: >
: I'm not saying they're causing an interfering *signal*
: I said they're causing interference on someone's frequency.
: I don't know why people can't seem to grasp this, even though I
: have said it several times.

Well, I think it would be hard to show that such was illegal. The person is receiving the signal, and amplifying the audio - which just happens to get picked up by the microphone at the trashburger joint.

The whole point is - they are NOT doing anything to the frequency itself. They are not transmitting on it - which is where the FCC would be interested. The FCC is not interested in what you do with audio signals - although they could conceivably come down on the burger joint - if the modulation went over 100%. Remember, it is the responsibility of the operator of the transmitter to control the audio content of the transmission.

It is also possible, if someone's hearing was damaged, that the person who caused the feedback could be sued - assuming that it could be proved. But, this would be a civil matter - not federal.

Bill

6567. Re: FTP site for Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-19 20:24:33 UTC
From: david@roth-music.com
Message-ID: <0105009A.5385h1@david.roth-music.com>
Source record: 271612
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <307rth$4qi@balsam.unca.edu> (alt.radio.scanner,rec.radio.scanner), schuh@zeno (Paul Schuh) writes:

>
> Jeffery Shaub (shaub@cs.uwp.edu) once wrote:
>
> : If people would send me FREQs by state and function, I would make them
> : available via anonymous FTP.
>
> : By the way, what are the legalities of this? Is this not public
> : information distributed free?
>
> It is my understanding that as long as the compilation of frequencies
> is from a primary source (each individual) there are no legal issues
> involved. Contrast this to a secondary source such as _Police Call_,
> where if someone were to copy the freqs verbatim and post them to the
> server, that would be illegal. (Unless the editors of _Police Call_
> gave permission.) I believe that most published lists contain
> key errors that can identify the list of freqs as a duplicate of the
> copyrighted source.
>
> I may be wrong,
> Paul
>
> --
> Paul Schuh UNCA Society of Physics Students
> pmschuh@unca.edu
>
>

Is there an original single public domain source which can be made available via FTP? Like a government document that is available?

David

6568. Re: 2006A Mod

Newsgroup: rec.radio.scanner
Date: 1994-07-19 20:29:49 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jul19.202949.14267@hpcvaac.cv.hp.com>
Source record: 271535

plaws@comp..uark.edu (Peter Laws) writes:
: >:
: >: You refer to the 2006A. Are we to take this as proof that the 2006A is,
: >: in fact, um, "upgradeable to full 800 MHz coverage"?
:
: >The 2006A has been out for about two years. It is easily restorable.
:
: OK - my (feeble) understanding was that the "A" was the newer, post April
: 26, non-upgradeable version. Guess not. What is the difference, then?

No, the major change to the "A" version of the 2006 was changing the light control from a pot to a on/off switch. As far as I know, there has not been a new non-modifiable version of the 2006.

: How would one tell a "new" PRO-2006 (or -43) from an old one?

See above. I don't have any idea about the PRO-43.

Bill

6569. Re: ICOM R1 vs. AOR AR1000XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-19 21:51:53 UTC
From: magnet@nRCHs022
Message-ID: <30hhtp$eg0@corpgate.rich.nt.com>
Source record: 271617

Michael Schuster (schuster@panix.com) wrote:

|Like trn keeps telling me: ***START USING REC.RADIO.SCANNER*****

|In article <1994Jul18.180254.1686@ceris.purdue.edu>,
|Alan Bunning <abunning@CERIS.Purdue.EDU> wrote:
|>Which is better, ICOM R1 or AOR AR100XLT? I think there might have been a
|>discussion on this several months ago but I wasn't paying attention. Could
|>someone please summarize?

|The AOR is a better receiver by far.

|The R1 is acceptable for situations where size is of paramount importance;
|like travel or covert listening.

I have an R1, I looked at the AOR in Tucker, it was very difficult to program.
My AOR 3000a is MUCH easier.

--
brad.glidewell@nt.com
_____|_____
/'++ (O) ++`\
! V !

6570. In article 5385h1@david.roth-music.com, david@roth-music.com (David A. Roth) writes:

Newsgroup: rec.radio.scanner
Date: 1994-07-19 22:09:59 UTC
From: sam@gold.gvg.tek.com
Message-ID: <30hivn$9bg@gv-gate.gvg.tek.com>
Source record: 271619

```
>
>Is there an original single public domain source which can be made
>available via FTP? Like a government document that is available?
>
>David

Has anyone tried: ftp.catt.ncsu.edu ?
In the directory: /pub/hamradio/scanner?
there are three subdirectories here: /MODS /FREQS & /MISC
which seem to contain all kinds of goodies

-Scott
```

6571. Re: Freedom of Information Act?

Newsgroup: rec.radio.scanner
Date: 1994-07-19 22:41:53 UTC
From: glr@ripco.com
Message-ID: <Ct7Lpt.2By@rci.ripco.com>
Source record: 271621

Ken Navarre (kjn@netcom.com) wrote:
: Anyone out here had any experience with invoking provisions of the
: Freedom of Information Act to obtain frequencies from a federal agency
: that is stonewalling? We know the location of the document in question
: and the person charged with its maintenance.

: The agency is not involved in classified research nor law enforcement but
: rather scientific research for the public domain. The individual who
: maintains the file has expressed concern that the frequencies might become
: published and could lead to vandalism of equipment installed at remote
: locations. The exact locations of the sites are already in the public domain
: and vandalism has not been a problem.

: Any information would be appreciated.
: Thanks!
: <KEN>
: --
: kjn@netcom.com (Ken Navarre)

Make the FOIA request and then worry about their response. It'll cost ya
29 cents to find out if they will stonewall the FOIA too!

"Pursuant to the Freedom of information act, 5 USC 552, please send me
a copy of the following documents: <description>."

That should get you started!

--

Glen L. Roberts, Publisher, Directory of Elect Surv Equip Suppliers
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
Box 734, Antioch, Illinois 60002 Fax: (708) 838-0316
Voice/FAX on demand: (708) 356-9646

6572. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-19 22:58:00 UTC
From: mcs@cyberspace.org
Message-ID: <30hlpo$feh@grex.cyberspace.org>
Source record: 271622

Well, another thing I do with the McDonald's frequencies is use my commercial radio (receive on the Inside-Outside frequency and transmit on the Outside-Inside frequency) and, of course using my commercial license, place my order through the radio. I'm also thinking about waiting one day until there's no-one at the front counter, and walking in and saying into the radio: "CAN I GET SOME SERVICE HERE!?!?"

That's legal with a commercial license, btw.

Nicholas McLarty, KB8RBF/5 mcs@cyberspace.org kb8rbf@merit.edu
Waterford, Michigan Grex Cyberspace WB8TKL Hamgate

For public key, finger mcs@cyberspace.org or e-mail me at an address above

PGP Fingerprint C8 8D 9A D6 E2 7A BE 61 63 D5 11 6B 5F AC 7E 2B

6573. Radio Shack Frequency Counter

Newsgroup: rec.radio.scanner
Date: 1994-07-19 23:00:41 UTC
From: Corrado Giustozzi <MC0006@mclink.it>
Message-ID: <774651641.MC0006@mclink.it>
Source record: 271620

A few weeks ago it was discussed a device, named "frequency counter" and sold in Radio Shack stores, which gives a reading of the exact frequency of a radio transmission nearby.

I remember some comments on different models, with P/N and price. Unfortunately I lost these info. Could someone please repost, or better summarize, them? Answers here or to my e-mail address.

Thanks in advance.

\\||//
^..^ Corrado
///\\\

Corrado Giustozzi
Technimedia S.r.L.
e-mail: mc0006@mclink.it

6574. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS - Let's END this shit!!!

Newsgroup: rec.radio.scanner
Date: 1994-07-20 00:02:06 UTC
From: benca@aol.com
Message-ID: <30hphu$ra2@search01.news.aol.com>
Source record: 271623

In article <2vr992$9d7@northshore.ecosoft.com>, mc@northshore.ecosoft.com (Michael Crestohl) writes:

Right put in back whare it belongs...NOT Here!

SLAMM that door...and lockit

6575. Re: Hamfest & computer fest calendar for N. Illinois

Newsgroup: rec.radio.scanner
Date: 1994-07-20 00:08:52 UTC
From: clifto@indep1.chi.il.us
Message-ID: <Ct7pqs.H2y@indep1.chi.il.us>
Source record: 271527
Cross-posted to: rec.radio.swap,rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.misc,sci.electronics.repair

In article <Ct5BwD.2rA@nntpa.cb.att.com> parnass@ihlpf.att.com writes:
> July 24, Sunday: Stickney, IL - DuPage ARC hamfest,
> Hawthorne Race Course, 3500 South Cicero Ave. Handicap
> accessible. Starts at 6 AM. Talk in on 142.25 MHz

Probably 145.25 instead. Don't know how FCC will like transmissions
in the 142 area. :-)

--
Optimists say, "The glass is half full."
Cliff Sharp Pessimists say, "It's half empty."
WA9PDM We realists say, "Before I decide,
clifto@indep1.chi.il.us tell me what's in the glass."

6576. mods for pro 41

Newsgroup: rec.radio.scanner
Date: 1994-07-20 01:17:11 UTC
From: brian@iol.ie
Message-ID: <30htun$be6@barnacle.iol.ie>
Source record: 271624

Dose anyone if it is possible to modify the pro 41 if it is please let me know how.

Thanks
Brian.

6577. BC 890XLT????

Newsgroup: rec.radio.scanner
Date: 1994-07-20 03:01:14 UTC
From: rwm@Central.KeyWest.MPGN.COM
Message-ID: <rwm.774673162@Central.KeyWest.MPGN.COM>
Source record: 271536

Does any one have any experience with the 890 XLT? Any information would be appreciated.

Rob

--
Rob Miracle
Tantalus Inc.
rwm@central.keywest.mpgn.com
"You have a problem? I have a plan!" -- Anton Devious

6578. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-20 03:21:17 UTC
From: aa706@FreeNet.Carleton.CA
Message-ID: <Ct7ynH.54B@freenet.carleton.ca>
Source record: 271451

In a previous article, domonkos@access.digex.net (Andy Domonkos) says:

>Although on a reduced basis many TV news studios dispatch their crews
>on the 450-452 Mhz band. You'll also find the rush hour traffic reporters
>in their aircraft their. I listen to them regularly on my scanner for
>continuous traffic info...
>
>Andy
>
>

Here in Cincinnati, the WLW-AM helicopter uses 166.250 simplex 110 watts.

--
Mike Rolfes
usr2879a@tso.uc.edu
Cincinnati, OH USA

6579. Wanted ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-07-20 03:42:45 UTC
From: edsall@cisco.com
Message-ID: <30i6fl$bsm@cronkite.cisco.com>
Source record: 271526

I'm looking for a used cellular capable ICOM R1 hand held scanner. I understand that you can't re-enable the cellular band on new ones.

Thanks,
Tom
edsall@cisco.com

6580. Re: Pro2004 Keypad/Schematics

Newsgroup: rec.radio.scanner
Date: 1994-07-20 04:01:16 UTC
From: hruska@toybox.raleigh.nc.us
Message-ID: <1994Jul20.040116.22051@toybox.raleigh.nc.us>
Source record: 271540

In article <307b7p$kq8@usenet.ins.cwru.edu>,
Jack Mc Gee <ev970@cleveland.Freenet.Edu> wrote:
>
>What you are doing has been done before. There is a full blown interface
>that not only punches the keys, but reads the LCD data. Also, there
>are plans floating around for keyboard interfaces using the printer port.

I'm familiar with the HB-232 or CE-232, but I doubt Bill Cheek has
schematics included in the big dollar kit.

I am currently trying to build an interface using the 6811 and would love
to find these plans you refer to above. Could you give me a pointer to them?

--
+---+
| Bob Hruska KE4KVQ DoD #1982 | email: hruska@toybox.raleigh.nc.us |
| Raleigh, NC | Exit the Gates of Hell - run Linux! |
+---+

6581. Re: Repeater Freq for Shuttle Chatter?

Newsgroup: rec.radio.scanner
Date: 1994-07-20 04:19:57 UTC
From: mcarp@bbs.xnet.com
Message-ID: <mcarp.4kg4@bbs.xnet.com>
Source record: 271528

I live in the chicago area and have found the NASA rebroadcast on 145.35

This seems to be more info about what is happening, but there has been some shuttle audio there

If anyone has any others in this area let me know

mike
mcarp@rims.com

6582. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-20 04:45:55 UTC
From: danm@connected.com
Message-ID: <30ia63$d67@hebron.connected.com>
Source record: 271529

In article <16FF310845S86.O1EVERT@VM1.CC.UAKRON.EDU>,
Tom Evert <O1EVERT@VM1.CC.UAKRON.EDU> wrote:

>I also heard that it was against the law to listen to these 450x frequencies
>that radio and TV stations use for remotes, traffic reports, etc.

>Can anyone verify this? (I think I read about it in Police Call.)

Yes, I beleive that the ECPA specified this particular 'service"
as one protected. Problem ahd been that those apragons of public morality
and righteousness, The Dominant Media Culture, had been "stealing" one
another's stories, traffic reports etc. By making it "illegal" to listen,
it gave the offended station some teeth to a complaint when the other guy
got caught. What a wonderful group of folks, eh?

--
==
+ Dan Morisseau, N7ZXL| I root for 2 teams - The St. Louis Cardinals ...+
+ Auburn, WA | and whoever is playing against the New York Mets! +
+ GEnie:D.MORISSEAU | INTERNET ADDRESS: danm@connected.com +

6583. San Fernando Valley freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-20 05:20:18 UTC
From: hbcsc055@huey.csun.edu
Message-ID: <30ic6i$fk9@nic-nac.CSU.net>
Source record: 271530

Can someone post or email me a list of frequencies for the San Fernando Valley. I found the local police but I'm having trouble finding local fire & medical. For some reason, all the fire frequencies I've found are in Los Angeles. Thanks!!

6584. Any PRO-2024 MODs????

Newsgroup: rec.radio.scanner
Date: 1994-07-20 07:50:02 UTC
From: cschmidt@diralect.me.pvamu.edu
Message-ID: <30ikva$1ke@news.tamu.edu>
Source record: 271532

I was wondering about any Pro-2024 mods? Is it a piece of junk or
can it be Modified to cover more etc..... Perticularly 800 mhz cellular.?

Please help

chris

email- cschmidt@diralect.pvamu.edu
thanx in adv.....

6585. Pro-33 Mods?

Newsgroup: rec.radio.scanner
Date: 1994-07-20 07:54:35 UTC
From: cschmidt@diralect.me.pvamu.edu
Message-ID: <30il7r$1ok@news.tamu.edu>
Source record: 271533

Is the Pro-33 junk or can it be modified to cover more etc.....

chris

email cschmidt@diralect.pvamu.edu

6586. Re: AOR 880 parts

Newsgroup: rec.radio.scanner
Date: 1994-07-20 10:52:19 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.388.000ADF8F@ccm.hf.intel.com>
Source record: 271565

In article <xm0SKlJ.scanlock@delphi.com> scanlock@delphi.com writes:
>AOR has no kind of service. But call ACE Comm at 800 445 7717. They have
such>things.

I think ACE is out of the AOR business now. I know EDCO in Vienna Virginia
services AOR radios.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6587. BC 855XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-20 12:08:42 UTC
From: pritchas@oissvr.ColumbiaSC.NCR.COM
Message-ID: <Ct8n2I.3zw@ncrcae.ColumbiaSC.NCR.COM>
Source record: 271524
Cross-posted to: rec.radio.scanner,alt.radio.scanner

oJust bought a BC 855XLT and am new to scanning.I like the unit but have
30 days to take it back in case I am not satisfied.Anyone out there had
any experience with these?Also,W
what is the big deal about cellular?Mine picks these up loud and clear
from 899.000 to 915.000.
Thanx in advance,
Steveo

6588. Re: Public Safety Trunking - why use it?

Newsgroup: rec.radio.scanner
Date: 1994-07-20 12:20:43 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.389.000C58C1@ccm.hf.intel.com>
Source record: 271566

In article <304ov4$km2@pipe1.pipeline.com> monty@pipeline.com (Bryan Montgomery) writes:
>plaws@comp..uark.edu (Peter Laws) wrote:

>>
>>monty@pipeline.com (Bryan Montgomery) writes:
>>

>>When the excrement impacts the ventilation system, the
>departments will be >surprised to find that only four
>conversations can go on at once! (assuming >4 voice/1 data
>pairs)
>>

>Yes and no. The system is prioritzied so that Police and Fire
>have the two highest priorities. The town _tries_ to educate
>users about the meaning of different tones and available
>channels/talkgroups. Personally, I've not known this to happen

But this doesn't mean a lower priority radio will get bumped off the repeater
if a police or fire radio keys up, does it? I have never heard this happen.
If this were the case, then all the lower priority radios would get bumped off
every time police or fire wanted to talk. Is there a way to enable this
priority feature from the radio? I seem to remember a Moto trunk system that
had a feature that the cops could switch on so that they had priority. This
was used only in emergency situations.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6589. Re: Cannot lock out a channel on Pro43

Newsgroup: rec.radio.scanner
Date: 1994-07-20 13:22:41 UTC
From: pdennis@vnet.ibm.com
Message-ID: <19940720.092241.217@vnet.ibm.com>
Source record: 271538
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <9407181327.AA33173@steel.nist.gov>,
on Mon, 18 Jul 1994 17:27:33 GMT,
Tim Foecke <tfoecke@nist.gov> writes:
>
>
>Update. The freq. I was trying to lock out was 161.7 MHz, on which was a
>dead air carrier noise of some sort. Not a birdie. The scanner would not
>let me lock it out, but when I reprogrammed to 0 MHz, no problem.
>
This may be a bit of a reach but.....last night I had both of
my scanners going, and lo and behold, the PRO46 stopped at 161.700
with dead air. As soon as I turned the other scanner of, it
the PRO46 started scanning again. Is it possible(?) that you
(or someone else REAL close by) had another scanner running?

****
Thanks to the Interstate Highway System, it is now possible
*to travel across the country from coast to coast without *
*seeing anything. --Charles Kuralt `-_-' *
* 'U` *
*ALL STANDARD DISCLAIMERS APPLY, Next time, *
*PDENNIS@VNET.IBM.COM A.K.A. PHIL DENNIS take the train! *
****

6590. Re: BC 890XLT????

Newsgroup: rec.radio.scanner
Date: 1994-07-20 14:09:44 UTC
From: lgenco@crl.com
Message-ID: <30jb78$3c4@nntp.crl.com>
Source record: 271539

Rob Miracle (rwm@Central.KeyWest.MPGN.COM) wrote:
: Does any one have any experience with the 890 XLT? Any information would be
: appreciated.

Good rig for folks who do NOT live in an RF-noisy environment.

Best feature: Auto Store (automatically stores "heard" frequencies into
specified databanks)
Worst feature: Susceptible to cross-modulation.

Other goodies: VFO control, 200 channels (10 banks), 10 priority
channels, Line output controllable by channel.

Lou

lgenco@crl.com Lou.Genco@LChance.sat.tx.us

6591. Re: Mcdonald's Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-20 14:45:00 UTC
From: John.Wagner@f239.n109.z1.fidonet.org
Message-ID: <84b_9407201648@blkcat.fidonet.org>
Source record: 271553

G >in the McD's. You see, the headsets they wear transmit all the time,
G >even
G >when no one is at the drive-through. So during idle moments when
G >they chat
G >about whatever it is they chat about, you can listen in.
G >

I have picked up the headset on 156.400, but no internal communications or
the person ordering food. Is this on another channel? Thanks.

JMW

***
* WinQwk 2.0 #0 * Unregistered Evaluation Copy

Fidonet: John Wagner 1:109/239
Internet: John.Wagner@f239.n109.z1.fidonet.org

6592. Re: Desolder-free cell mod for the Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-07-20 15:43:59 UTC
From: lasix@netcom.com
Message-ID: <lasixCt8x1C.FCF@netcom.com>
Source record: 271541
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Charles Richards (chuck62@freenet3.scri.fsu.edu) wrote:
: Tim Foecke (tfoecke@nist.gov) wrote:
: : I was somewhat intimidated with the Pro43 mod as presented in all of the
: : postings I have found (not wanting to fry the board, etc) so I took the
: : advice of someone on the net (sorry, I don't remember who, but thanks!) and
: : went after the D4 diode without desoldering the unit. I bent up the left
: : contact for the battery pack to get it out of the way and tilted the unit
: : bottom up at about an 80 degree angle under a binocular microscope, and was
: : able to see the row of diodes. It was easy to distinguish the D4 one, and I
: : used a whittling knife to carefully scrape the solder off the top of the
: : contact for the diode, wedged the knife under D4 and pried it up clear of the
: : board. Works great!

: : Yeah, I don't get 51-88 Mhz, but I already have a TV . . .

: I recommended disassembly far enough to get to the diode with a pair of
: side-cutters, and crushing the little booger. This is after I did it the
: hard way. Now I've got a hand-held TV! Well, kind of...sounds like crap(NFM).

: chuck62@freenet.fsu.edu

Tim:
I'm interested on some details on how you messed up your rig.
I am about to do the mods on my unit and do NOT want to render
it useless. I have ordered the Service Manual and have read all
the FTP sections. Did you follow any particular one?
Thanks
Patrick Springer
lasix@netcom.com
--

Patrick Springer
Sysop LASIX BBS
(818)892-5477
4804 Laurel Canyon Blvd. #132
Valley Village, CA. 91607
lasix@netcom.com

6593. Re: Getting Around Cell-Restricted Scanners

Newsgroup: rec.radio.scanner
Date: 1994-07-20 16:19:46 UTC
From: steven@datamax.oau.org
Message-ID: <Ct8yp1.tC@datamax.oau.org>
Source record: 271570

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:

: Sure it might be legal now to sell such kits, but based on the success of the
: cellular lobby, if companies started selling such kits, a law would be quickly
: passed to make these illegal too. I doubt any company would spend much money
: on a product that is destined to be outlawed.

Not completely true -- even a law against kits would not stop those
who sell it as pkg #1 - board, pkg #2 - parts, pkg #3 - plans, and
lastly pkg #4 - box to give it that professional look.

Even a law restricting scanner kits would not prevent it, as a board
(bare, unpopulated) is not a kit. A bag of parts is not a kit. A
box (without contents) is not a kit, and plans are in themselves, not
a kit.

Companies already do this with cable TV descramblers and speech
inversion descramblers!

Take a look at Ramsey Electronics -- They sell speech inversion
descramblers (which are illegal -- supposedly) as kits, they also
sell 800 mhz converters as kits too. I know, I have the speech
inversion unit and one of the suggested applications was the use
with a scanner! Of course, it was being advertised to be used
in pairs to scramble phone calls, but the instructions listed a
few other areas too!

Steven
--
steven@sgb.oau.org -or- steven@gate.net

6594. Re: Cannot lock out a channel on Pro43

Newsgroup: rec.radio.scanner
Date: 1994-07-20 18:01:52 UTC
From: joeh@connected.com
Message-ID: <30joqg$k3n@hebron.connected.com>
Source record: 271542
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Tim Foecke came off saying that::

: Wierd occurance. ON my new RS Pro 43, I cannot lockout channel 122. Only
: channel 122. Ideas?

My pro-2022 did the same thing on about 8 channels after some mods.
Then, a few months later the problem went away. Not a hardware problem,
it's in the software (yes, I have the service manual for it :).

No clue why it did this, oh well.

-Joe

Organization for the Study of Organized Studies, Organized Scanner
Oddity Study Group

--
/============================> KB7WAI <================================\
> Joe Hamelin (joeh@connected.com) Tampico, Washington, USA, Earth <
> "Without love in the dream it will never come true" -Hunter/Garcia <
\===/

6595. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-20 18:02:29 UTC
From: camter28@astro.ocis.temple.edu
Message-ID: <30jorl$ptp@cronkite.ocis.temple.edu>
Source record: 271543

Steven Jackson (jackson@longlast.cs.nyu.edu) wrote:

: WCBS in New York is very much live. Philadelphia is taped as you say

Who says Philadelphia is taped???

Metro traffic tapes their reports, Express Traffic dosen't!!
The funny thing is that nobody knows of express, since they are better
than Metro and do more stations - hmm.. Just because they're on 900meg
trunking for privacy?? Maybye that's it.
-not to say that it's not private, but have fun listening inbetween
the electrical contractors deciding to rip off a customer on the same trunking
system..

939.2625 -> 939.5875 in philly..

--

[AUTO .Sig posting]
###
# #
Scanner BBS 610-525-4004
14.4K / 24 hours/day / no ratios / CD ROM
120 min/day / no verification
call today and do all the downloading you
want! that is what it's here for!
The only thing this bbs is missing
IS YOU!!
Specializing in Scanner & Ham radio files
and catering to Cellular phone interests
and Text files galore.
# #
###

6596. Re: BC 890XLT????

Newsgroup: rec.radio.scanner
Date: 1994-07-20 18:59:05 UTC
From: tim@umcc.umcc.umich.edu
Message-ID: <30js5p$c41@umcc.umcc.umich.edu>
Source record: 271547

Two other nice features are the optional CTCSS decoder & 30kHz tuning
step for certain 800MHz spectrum.

CTCSS-decode increases the useability in RF-dense areas, but of
course there are many freqs you'd want to monitor that don't use CTCSS...

Tim

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI
48197 If you must drink & drive, please wear a condom.

6597. A Glimpse of the new 43-A

Newsgroup: rec.radio.scanner
Date: 1994-07-20 19:15:10 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <Ct9vsn.2w3@utnetw.utoledo.edu>
Source record: 271482

Having access to some of the 'new' 43's (the A series), I opened the back cover to get a closer look. I was able to get a look at the 'diode array', and noticed there were SM diodes in the xx2 and xx3 slots. Can't remember what the full part numbers though.... it's been awhile since I did my mod, and I can't find the service manual :-(....

73s

Brad Steinman, N8ZRP
The University of Toledo
Internet: cscon0151@uoft02.utoledo.edu (131.183.1.4)
stu0105@uoft01.utoledo.edu (131.183.1.2)
N8ZRP@wsu.n8fow.ampr.org (44.102.48.2)
Packet : N8ZRP@w2xo.#swpa.pa.usa.noam (Amateur Radio Mail Gateway)
* Member of the All-Ohio Scanner Club (OH-48-1859) * yah...

6598. Re: sam's/walmart freq's

Newsgroup: rec.radio.scanner
Date: 1994-07-20 19:16:14 UTC
From: SteveJ@deltabbs.demon.co.uk
Message-ID: <774731774snz@deltabbs.demon.co.uk>
Source record: 271554

```
In article <30f79tINNpq3@no-names.nerdc.ufl.edu>
voltaire@maple.circa.ufl.edu writes:
>
> In article <saay0636.63.2E282344@wtamu-pclab.wtamu.edu>,
> saay0636@wtamu-pclab.wtamu.edu (Sami A. Yousif) writes:
> >Can anyone tell me the freqs used by the sams or walmart stores. I see them
> >running around with those radios and am wondering if there was anything
> >interesting to hear on those.
> >
>
> Try 154.570 MHz. They generally use those Motorola radios, and the
> company sells (at Sam's, in fact) three different models with three
> different frequencies. I have no idea what they use them for, but other
> stores use them for communicating with in-store security people.
>
>
> Voltaire
Hello yes that's right

sjb
```

6599. Difference between Scanner and CB?

Newsgroup: rec.radio.scanner
Date: 1994-07-20 19:49:25 UTC
From: rblaine@max.tiac.net
Message-ID: <30jv45$olu@sundog.tiac.net>
Source record: 271548

What is the difference between a scanner and a CB? I know that a CB is 2-way and a scanner is receive-only. But what about the channels? CBs only have 40 channels (integers 1-40) but scanners have unlimited channels (i.e. 248.836Mhz)? What are the frequencies of the 40 channels of a CB radio? (What is the relationship between a CB's channels and a Scanner's channels?) Why isn't there a "2-way scanner" type device? (I.e. one that broadcasts on something like 548.384Mhz instead of channel 33 or channel 28)

As you probably can tell I jsut got into this CB stuff, and am kind of clueless. Any help or explaining would be greatly appreciated.

Reply by mail if at all possible...

Thanks!

```
|-------------------------------------------------------------------|
| ---- Russ Blaine ---- | Plane #6933 |"Achilles was dipped in |
| | ______ | the River Stynx until |
| rblaine@tiac.net | --)=Cannibal--> | he became intolerable."|
|-------------------------------------------------------------------|
```

6600. ICOM Handheld

Newsgroup: rec.radio.scanner
Date: 1994-07-20 19:52:13 UTC
From: jim@ttech.com
Message-ID: <jim-200794115213@jimsmac.ttech.com>
Source record: 271564

Several years ago at the local ham store, I looked at a very small ICOM handheld radio that covers 500khz to 1000mhz. Does anyone have any information on this radio?

-Jim

6601. radio items for sale

Newsgroup: rec.radio.scanner
Date: 1994-07-20 20:26:14 UTC
From: eb795@cleveland.Freenet.Edu
Message-ID: <30k196$ikk@usenet.INS.CWRU.Edu>
Source record: 271549

```
Article 19463 of rec.radio.swap:
Path: usenet.ins.cwru.edu!cleveland.Freenet.Edu!eb795
From: eb795@cleveland.Freenet.Edu (Eric Matthews)
>Newsgroups: rec.radio.swap
Subject: Electronic items for sale/trade
Date: 19 Jul 1994 03:44:19 GMT
Organization: Case Western Reserve University, Cleveland, Ohio (USA)
Lines: 43
Message-ID: <30fi6j$lvm@usenet.INS.CWRU.Edu>
NNTP-Posting-Host: roo.ins.cwru.edu

1. Satellite TV receiver
2. Akai cassette deck
3. Sony digital walkman
4. Ramsey AM-1 transmitter

1. Satellite television receiver- Mizushi PM-1000/PanSat BR-1000,
continuous analog tuning, C and Ku compatable, full subcarrier a
udio, ch. 3 or 4 tv output, audio and video baseband out, descra
mbler output, 625 lines resolution, low noise threshold, standard
950-1450mHz block, with manual. Bought new, was used for one week.
These receivers cost $229 new, I am selling mine for $150 or best
offer.

2. Akai single cassette deck, full logic computer soft touch cont
rols, digital level meters, left and right microphone inputs, hea
dphane jack, Dolby NR, MPX filter, home component design. Very ni
ce unit, works well, nice wood grain side panels. Price is $100 o
r best offer.

3. Sony digital AM/FM stereo walkman-radio only, tunes from 530-1
710 AM, 87.5-108.0 FM. Nice sound, inline volume control, local/D
X sensitivity control.
I paid $50 for this unit, I am looking for $30 or best offer.

4. Ramsey AM-1 AM transmitter- tunable to any AM broadcast band f
requency from 530 to 1700 kHz, nice toy for you
wannabe DJ's!
Range is a few hundred yards, but if you add a decent antenna sys
tem, I am sure you could get the range extended a bit more.
Fully assembled and ready to use, I am looking for $30 on this o
ne.

I am looking for a Realistic HTX-202 HT, and also a TNC for eithe
r a Commodore 64 or IBM compatable.
```

Please leave mail if interrested.
All above prices include shipping in the USA.

Thank you.
--
Eric Matthews
eb795@cleveland.freenet.edu
--
Eric Matthews
eb795@cleveland.freenet.edu

6602. Milwaukee, WI freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-20 20:53:11 UTC
From: jeffboy@ods.sol.net
Message-ID: <032601TYFPDJFTBQXITJ@ods.sol.net>
Source record: 271552

Anyone have any Milwaukee, WI freq's? I am looking for things other
than police/fire/med freqs. I have a low-end scanner that doesn't scan
freq's (a Pro-41) so getting frequencies is kind of guess work.

Thanks to the guy who posted all those McD's freq's.. I'm having fun
with 154.57... Anyone have any Burger King freq's? I used to work
there and know lots of gossip could be picked up.

Can a Pro-41 be modified to pick up airline frequencies (55-136 that I
can't get).. Also, how can I improve reception on a handheld unit such
as mine? What kind of antennas or adaptors do I need?
Thanks.

Online Data Systems - Milwaukee, Wisconsin (Southeastern)
(414) 761-5120 - 3/12/2400 (414)761-5133 9600/14.4K (414)761-5145 Voice
(414) 939-4670 - Kenosha, Racine, Pt. Washington, West Bend, Sheboygan,
Manitowoc, Two Rivers, Mishicot & surrounding Ameritech Customers

6603. Re: cordless freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-20 21:00:44 UTC
From: dmunroe@vcd.hp.com
Message-ID: <Ct9Bp9.Lt7@vcd.hp.com>
Source record: 271550

AndyCl168 <andycl168@aol.com> wrote:
hbcsc055@huey.csun.edu (Chisel) writes:

>>I tried scanning the frequencies 46.61 to 46.97 and all I recieve are
>>clicks. Does this mean anything? Two of the frequencies I hear these
><clicks on pick up the cordless phones in my house.
>
>Cordless phones are pretty short range, so you're not going to pick up
>much, anyway. The best thing to do is look in the back of Police Call and
>get the actual frequencies. Just use the 46.xxx ones.

I've tried to do a bit of locating when I've received cordless transmissions
and they do seem to die out after only a few hundred feet (I've got a rubber
duckie on a Pro-37). Here's some info I've saved from months past:

--------------------------- begin included text -----------------------------

Okay, here is the whole scoop. There are 10 cordless phone channels.
Each channel has two frequencies assigned, one at 46.x and the other at
49.x. The 46.x freq is the one that the base uses to talk to the
handset and carries both sides of the conversation. Cordless phone
monitors listen to these. The 49.x freq is the one that the hanset
uses to talk to the base and carries only the local side of the
conversation.

Five out of the 10 handset freqs are also named channels A thru E
and are used by low power walkie-talkies, etc. Baby Monitors can
use any of these five, but generally hang out on only two of them.

So much for the text, on to the tables, class:

Channel Base Handset Alpha
1 46.61 49.67
2 46.63 49.845 B
3 46.67 49.86 C
4 46.71 49.77
5 46.73 49.875 D
6 46.77 49.83 A
7 46.83 49.89 E
8 46.87 49.93
9 46.93 49.99
10 46.87 49.97

A & E are the ones used by baby monitors.

Paul Blumstein, paulb@harley.tti.com, DoD #36, ABATE, AMA, HOG, doh #2
KD6LAA, MARC, ARRL, Platypus #240, QRP-ARPCI, NASWA, LWCA, RCMA (CALA905)

Transaction Technology, Inc., Santa Monica, CA

---------- end included text ----------

-Dave

6604. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-20 21:08:26 UTC
From: kjn@netcom.com
Message-ID: <kjnCt9C23.D6w@netcom.com>
Source record: 271557

Nicholas McLarty (mcs@cyberspace.org) wrote:
: Well, another thing I do with the McDonald's frequencies is use my
: commercial radio (receive on the Inside-Outside frequency and transmit
: on the Outside-Inside frequency) and, of course using my commercial
: license, place my order through the radio. I'm also thinking about
: waiting one day until there's no-one at the front counter, and walking in
: and saying into the radio: "CAN I GET SOME SERVICE HERE!?!?"

: That's legal with a commercial license, btw.

Well... yes and no.
Yes, in that the 'commercial' radio may be FCC type accepted for the
application. And YES, if your commercial license authorizes you to
transmit on both frequencies.
^^^^

NO, if your transmissions are considered "harmful interference". It's a
thin line upon which your treading. Granted, that we're not talking
national security here, but you need to realize that with the popularity
of the programmable 'commercial' handhelds and the abuses that have
followed, the FCC has been taking a hard line when issues are brought to their
attention.

The 'harmful interference' is largely determined by the strength of McD's
complaint.

--
kjn@netcom.com (Ken Navarre)

6605. Re: Traffic designations

Newsgroup: rec.radio.scanner
Date: 1994-07-20 22:03:23 UTC
From: gmandel@megatest.com
Message-ID: <Ct9ELs.Dwo@megatest.com>
Source record: 271558
Cross-posted to: ba.broadcast,rec.radio.scanner

In article <307ks5$ast@crl.crl.com>, David A. Kaye <dk@crl.com> wrote:
>Ken Navarre (kjn@netcom.com) wrote:
>
>: Down south they say "...traffic is backed up from *the* 101... to"
>: Up here it's "...traffic is backed up from 101 to..."
>: Just curious...
>
>Funny, this discussion was on one of the .transportation newsgroups not
>long ago. The feeling seemed to be that Socalians name their freeways
>"The Santa Monica" (meaning I-10), "The Hollywood" (US 101), etc. We
>don't call our "The J. Arthur Younger" (SR 92) or "The Nimitz" (formerly
>SR 17 now I-880 in the Oakland/Hayward area). It *used* to be the
>Nimitz, but I haven't heard it called that in ages.
>

Hmmm . . .
I hear 880 and "The Nimitz Freeway" used interchangeably on KGO and KCBS, particularly when they're referring to the closures between Mowry and Thornton.

Sometimes, I hear 101 referred to as the "Bayshore Freeway" in traffic reports.

Never do I hear 280 referred to as the "Junipero Serra Freeway" on the newscasts. Too many syllables, perhaps?

However, the 101/880 closure in San Jose is referred to by numbers just about every time I hear about it.
--

Glenn Mandelkern Hee, hee, hee, hee!
gmandel@megatest.com Questor the Elf lives!

6606. software

Newsgroup: rec.radio.scanner
Date: 1994-07-20 23:25:08 UTC
From: mcarp@bbs.xnet.com
Message-ID: <mcarp.4kur@bbs.xnet.com>
Source record: 271555

Please forgive me...this is probably the wrong place to ask this, but it was the only place I could think of.

I was recently tied to a Motorola alpha/numeric pager. Does anyone know of any shareware for unix to send alpha messages to the pager? If not, how about a suggestion of what site I might look at.

Thanks for any help

Mike
mcarp@rims.com

6607. LCD Problem BC100xlt

Newsgroup: rec.radio.scanner
Date: 1994-07-20 23:32:44 UTC
From: ddetardo@freenet3.scri.fsu.edu
Message-ID: <30kc6s$f91@freenet3.scri.fsu.edu>
Source record: 271560

I have an older bc100xlt which I don't use often. Recently I noticed
that the LCD Display looks like it has an ink stain along the top
edge. I assume its going bad. Can it be replaced or is there anything
I can do to stop further deterioration. Scanner works great.

6608. Need an antenna recommendation

Newsgroup: rec.radio.scanner
Date: 1994-07-20 23:39:57 UTC
From: dleon@seas.smu.edu
Message-ID: <1994Jul20.233957.6014@seas.smu.edu>
Source record: 271556

I have a small, portable device which broadcasts on NTSC UHF channel 14.
I am wondering what size antenna would be most effective for extending
the range. Currently I get about 100-115 feet range with a 4 inch whip
antenna. I'm wondering what size antenna would give me the max performance
from this little unit. Keep in mind that I need to keep this portable,
so I am hoping there is a max effective hieght, beyond which extentions
only provide marginal results.

Also, is there some sort of small booster which will bump the range up?
This project is for export outside the USA. The smaller, the better.

6609. Re: Nuts & Volts mag

Newsgroup: rec.radio.scanner
Date: 1994-07-20 23:46:16 UTC
From: gcracker@netcom.com
Message-ID: <gcrackerCt9JD5.MKy@netcom.com>
Source record: 271561
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

Its an electronics catolog that carries 6.55(etc) crystals among lots of other things. The subscription online line is 1(800) 783-4624
The annual subscrition price is $17 I think, but I have been told th they will send you a comp. issue. I havent got mine yet though.

****
* gcracker@netcom.com *
****

6610. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-20 23:53:18 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.28.0011E3FE@chevron.com>
Source record: 271567

In article <30hlpo$feh@grex.cyberspace.org> mcs@cyberspace.org (Nicholas McLarty) writes:

>Well, another thing I do with the McDonald's frequencies is use my
>commercial radio (receive on the Inside-Outside frequency and transmit
>on the Outside-Inside frequency) and, of course using my commercial
>license, place my order through the radio. I'm also thinking about
>waiting one day until there's no-one at the front counter, and walking in
>and saying into the radio: "CAN I GET SOME SERVICE HERE!?!?"

>That's legal with a commercial license, btw.

IT IS? What type of "commercial license" do you have? Do you have a station
license for these frequencies with a call sign? What type of equipment are
using? Is it type accepted for use as an intercom?

Just curious.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
Amateur KD6ELA / GROL PG10-25691 / Private Pilot

6611. Re: Difference between Scanner and CB?

Newsgroup: rec.radio.scanner
Date: 1994-07-21 00:05:05 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.29.0012163B@chevron.com>
Source record: 271569

In article <30jv45$olu@sundog.tiac.net> rblaine@max.tiac.net (Russ Blaine) writes:

>What is the difference between a scanner and a CB? I know that a CB is
>2-way and a scanner is receive-only. But what about the channels? CBs
>only have 40 channels (integers 1-40) but scanners have unlimited
>channels (i.e. 248.836Mhz)? What are the frequencies of the 40 channels
>of a CB radio? (What is the relationship between a CB's channels and a
>Scanner's channels?) Why isn't there a "2-way scanner" type device? (I.e.
>one that broadcasts on something like 548.384Mhz instead of channel 33 or
>channel 28)

Scanner is just a term for a type of receiver used to scan a number of
selected frequencies or channels. If it were two way it would be transceiver.
Many transceivers can be programmed to scan a number of frequencies, or
channels. So yes, in a way, there are two way scanners.

Your CB channels are at the upper end of the high frequency (HF) spectrum.
The channel number is just a set standard representing a certain frequency.
CB channel 1 is 26.965 MHz. Channel 40 is 27.405. The others fall in between
those (most are in order) with 10 KHz (.010 MHz) spacing. Most scanners will
not work on freqs this low.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
Amateur KD6ELA / GROL PG10-25691 / Private Pilot

6612. Re: Mcdonald's Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-21 00:20:32 UTC
From: siemer@umbc.edu
Message-ID: <30kf0gINN15n@umbc7.umbc.edu>
Source record: 271559

```
Newsgroups: rec.radio.scanner
Subject: Re: Mcdonald's Freqs
Summary:
Expires:
References: <84b_9407201648@blkcat.fidonet.org>
Sender:
Followup-To:
Distribution:
Organization: University of Maryland, Baltimore County
Keywords:
Cc:
```

6613. McDonald's - KMART

Newsgroup: rec.radio.scanner
Date: 1994-07-21 00:26:29 UTC
From: siemer@umbc.edu
Message-ID: <30kfblINN1co@umbc7.umbc.edu>
Source record: 271562

Newsgroups: rec.radio.scanner
Subject: Re: Mcdonald's Freqs
Summary:
Expires:
References: <84b_9407201648@blkcat.fidonet.org>
Sender:
Followup-To:
Distribution:
Organization: University of Maryland, Baltimore County
Keywords:
Cc:

I have found that in the stores where the headset is on 156.4, you can hear both sides on 35.02. In the stores that are new (last 2 years or so, they are on the UHF freqs posted here about a week ago.

BTW - a friend of mine who is an engineer for Motorola tells me that KMART security can be heard on the 46x.xxx freqs and the conversation should be quite interesting...he will try to get them for me and I will post when I do.

6614. ICOM R1 NiCd battery

Newsgroup: rec.radio.scanner
Date: 1994-07-21 00:29:09 UTC
From: jcupples@iphase.com
Message-ID: <jcupples-2007941629090001@157.175.110.24>
Source record: 271551

The NiCd internal of my R1 is getting wimpy. I figure to take it apart and solder in a new one. Called ICOM in WA, and they want too much. Anyone done this, can I use some generic battery rather than the ICOM part? Already have the 6AA convertor, but occaisonally I like it to be really tiny.

(not listening to anyone who tells me I shoulda bought a RS instead)

cheers

Jerry (jcupples@iphase.com)

6615. Re: McDonald's - KMART

Newsgroup: rec.radio.scanner
Date: 1994-07-21 00:55:07 UTC
From: parnass@nwsp.ih.att.com
Message-ID: <Ct9MJv.MK7@nntpa.cb.att.com>
Source record: 271568

Aside from the inventory transmitters in the UHF range,
the closest K-Mart store to me uses 154.6 MHz for an in-store
radio/intercom, complete with telephone patch.

Across the street from K-Mart is a McDonalds also on 154.6 (and 35.02).
Up the same block is an Ace hardware store on (you guessed it) 154.6 MHz.

Both 154.6 and 154.57 MHz are programmed into all my scanners because there
is always something happening on those frequencies.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6616. Re: Stupid ?

Newsgroup: rec.radio.scanner
Date: 1994-07-21 01:19:29 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jul20.201929.2665@hnrc.tufts.edu>
Source record: 271563

In article <brett_miller.387.000D14D3@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
> In article <223312Z16071994@anon.penet.fi> an113259@anon.penet.fi (Fubar) writes:

>>I know this is a stupid question, but I am very new to the internet (hey
>>you were once too) but what is the difference between this newsgroup and
>>alt.radio.scanner?
>

> First of all, most of the newsgroups do not care for people who post from
> anonymous sites. There is nothing to hide...

I'll disagree a bit with Brett here. I can understand how someone new to the group might ask what (s)he considers a "stupid" question from behind a mask. Shy people have their needs, too!

P.S. to an113259: Brett is one of the more knowledgeable and helpful people in the group and I would be surprised if his comment were anything more than an invitation to come out of the shell.

6617. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-21 02:03:01 UTC
From: aplew@pipeline.com
Message-ID: <30kl0l$kad@pipe1.pipeline.com>
Source record: 271571

O1EVERT@VM1.CC.UAKRON.EDU (Tom Evert) wrote:

>
>In article <sZJ9kiubGYW2066yn@access.digex.net>
>domonkos@access.digex.net (Andy Domonkos) writes:
>>Although on a reduced basis many TV news studios
>dispatch their crews
>>on the 450-452 Mhz band. You'll also find the rush
>hour traffic reporters
>>in their aircraft their. I listen to them regularly on
>my scanner for
>>continuous traffic info...
>
>Several radio stations around here use cell phones for
>their live remotes instead of their 45x radios or
>their 165-175 Mhz radios (used to dispatch reporters,
>etc.) Using cell phones has to be cheaper than
>maintaining other transmitters, radios, renewing FCC
>licenses, etc.
>I also heard that it was against the law to listen to
>these 450x frequencies that radio and TV stations use
>for remotes, traffic reports, etc.
>Can anyone verify this? (I think I read about it in
>Police Call.)

I thought it was against FCC regs to use cellular telephones
from aircraft because the phones tend to "hit" several cell
sites at once and reduce the total number of available
channels. Or something like that.

6618. Uniden 890XLT or 8500XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-21 02:40:37 UTC
From: domonkos@access.digex.net
Message-ID: <RyTBkiubG-YB066yn@access.digex.net>
Source record: 271572

I'm planning on purchasing either the 890XLT or 8500XLT. I'd appreciate info on a comparison. Does the 8500 allow AM/FM and step modes to be switched regardless of the freq range? I know the 890 doesn't. I'm also aware they are not cellular restorable. I've read the recent post on the 890 so I'm hoping someone has gone through a similar comparison and the jsutifications of each. My main interest will be scanning the military aircraft traffic here in Maryland. Thanks in advance...

Andy

6619. Yes, you CAN receive 500-512+ Mhz on your Yaesu FT-530 !

Newsgroup: rec.radio.scanner
Date: 1994-07-21 02:40:42 UTC
From: srhoades@netcom.com
Message-ID: <srhoadesCt9rFv.C8z@netcom.com>
Source record: 271573
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

So here I was the other just sitting, minding my own business, when I discovered the following trick to receive 500-512+ Mhz on the FT-530.

On the UHF (right side) vfo, put 499.975 in the "L" memory.

Put 800.000 Mhz in the "U" memory.

Make sure that when in the Memory Recall mode, this channels are NOT set to be skipped.

Recall channel "L".

Press MR once. (Three little dashes should appear under the "L".

With the squelch closed, press the "UP" arrow key.

Happy scanning!

Most of the normal scanning functions will work. And, you can write the displayed freq. to any memory location.

Some purists might be saying, "just because it displays a certain freq. doesn't mean it actually receives it...". Granted, the sensitivity isn't the greatest but I can hear LAPD on 506 Mhz just fine.

I'd be curious to know just how far up you can go before the VFO unlocks.

Some of you 220 Mhz folks might be wondering if a similiar trick could be done on the VHF side vfo to receive 220 Mhz. Well, you can get the display to show 220 Mhz but I suspect the vfo is out of lock since the display blinks.

Btw, the radio I am doing this on has had the extended VFO mod done. I don't know if this makes a difference.

Now if I could only find a way to receive 40-54 Mhz....

--

Steve L. Rhoades | Voice: (818) 794-6004
:30 Second Street | Internet: srhoades@netcom.com
Mt. Wilson, Calif 91023 | Finger me for PGP public key.

PEACE: Live in it or rest in it. - Unk.

6620. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-21 02:48:48 UTC
From: steven@datamax.oau.org
Message-ID: <Ct9rtD.2uG@datamax.oau.org>
Source record: 271481

Peter Simpson (peter_simpson@3com.com) wrote:
: Is there any prohibition on replacement controller chips or PROMs?

No, none at all. I think I speak for many when I say we would all welcome them being made available! It would be the least we could do (equivilent to sticking out your middle finger at the FCC and the cellular industry!)

Steven

6621. FEMA / World Cup

Newsgroup: rec.radio.scanner
Date: 1994-07-21 03:07:20 UTC
From: msaran@olympus.net
Message-ID: <30kop8$1fd@olympus.net>
Source record: 271477

A convey just returned today to FEMA regional center in Bothell Washington - calling themselves 'World Cup convey 1'. FEMA was very involved here for the Goodwill Games three years ago. Then they used 138-144 and a very interesting system on 45.00875 /455.0875 News Alert Radio System(NARS). Wouldn't you like to see all listings for that license holder!

--
Mark Saran
msaran@olympus.net

6622. Re: ICOM Handheld

Newsgroup: rec.radio.scanner
Date: 1994-07-21 03:37:58 UTC
From: ericr@vcd.hp.com
Message-ID: <Ct9u3B.84n@vcd.hp.com>
Source record: 271574

You are probably thinking of the R-1. I just looked it up in my slightly old Amateur Electronic Supply catalog and list price is $577. Their price is $CALL. It covers from 100Khz to 1.3Ghz. I've heard the selectivity for AM is not that great, but I have no personal or even indirect experiences on that claim.

Eric Ross
ericr@vcd.hp.com

6623. Re: Public Safety Trunking - why use it?

Newsgroup: rec.radio.scanner
Date: 1994-07-21 03:48:06 UTC
From: wwhitby@aol.com
Message-ID: <30kr5m$qic@search01.news.aol.com>
Source record: 271475

Motorola Radios are supposed to have that priority button that will bump off another user in an emergency. However, I did hear in Monitoring Times that a cop was killed when the priority button didn't work when it was supposed to.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

6624. Re: ICOM R1 NiCd battery

Newsgroup: rec.radio.scanner
Date: 1994-07-21 03:56:16 UTC
From: wwhitby@aol.com
Message-ID: <30krl0$qo5@search01.news.aol.com>
Source record: 271476

I've seen ads for companies that sell aftermarket batteries for the ICOM R1 and S series HTs and some do have replacement internal batteries. Periphex is the one that leaps to mind. Look in Popular Communications and 73 Amateur Radio for companies that sell battery packs and give them a call. E-mail me direct if you need more info.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

6625. PRO-2021: FOR SALE.

Newsgroup: rec.radio.scanner
Date: 1994-07-21 04:40:32 UTC
From: jaylgold@crl.com
Message-ID: <30ku80$eo0@crl3.crl.com>
Source record: 271479

```
From nntp.crl.com!crl3.crl.com!not-for-mail Fri Jul 15 21:30:28 1994
Path: nntp.crl.com!crl3.crl.com!not-for-mail
From: jaylgold@crl.com (Jay Goldberg)
Newsgroups: alt.radio.scanner
Subject: PRO-2021: FOR SALE!
Date: 15 Jul 1994 21:25:19 -0700
Organization: CRL Dialup Internet Access (415) 705-6060 [login: guest]
Lines: 23
Message-ID: <307nff$jjv@crl3.crl.com>
NNTP-Posting-Host: crl3.crl.com
X-Newsreader: TIN [version 1.2 PL2]

I have a PRO-2021 200 channel mobile/base scanner with tape output, AC/DC
power operation, Motorola external jack for external antenna. LCD
backlit display, Priority channel set, delay, full searching functions,
recieves the usual and aircraft (sorry guys, no cellular on this one),
solid metal case (no plastic) and no intermod problems (at least where I
live). Reception is great and the speaker volume is very loud! No
external speaker needed, however there is an external speaker jack in
case you want to hook one up.

Radio has absolutely no problems and I have the owners manual and tons of
Federal Government Freq Sheets (all the ones you would want). I am
asking $125.00 firm for the unit and I will pay the shipping anywhere in
the United States. If outside the U.S., I will let you know the cost
with shipping.

Only serious buyers need reply.

Thanks,

Jay Goldberg
Santa Rosa, CA. U.S.A.
KB6ENY
```

6626. Re: What the heck is "PDO" stand for??

Newsgroup: rec.radio.scanner
Date: 1994-07-21 04:51:08 UTC
From: hall@jaguar.uofs.edu
Message-ID: <1994Jul20.235108.1@jaguar.uofs.edu>
Source record: 271478

In article <303p8a$4rs@search01.news.aol.com>, feelym@aol.com (FEELYM) writes:
> I often hear the abbreviation "PDO" used by the sherriff dept. in my area.
>
> Can anyone tell me what it means??

I have heard it used in conjunction with motor vehicle accidents, in which case the meaning was: Property Damage Only.

Dave

6627. Re: Online California FCC Database

Newsgroup: rec.radio.scanner
Date: 1994-07-21 05:38:28 UTC
From: tak@netcom.com
Message-ID: <TAK.94Jul20223828@stargate.jpl.nasa.gov>
Source record: 271395

In article <victorCsK4uo.z5@netcom.com> victor@netcom.com (Victor
Nowik) writes:

: I am aware of and have accessed the frequency database
: available via telnet from tcomeng.com
:
: The login used to be fcc with passwd FCC
: This dosent seem to work anymore.
:
: Anyone know if it's been discontinued or if the
: password has simply been changed?
:

Here's what I get when I logged in:

> telnet tcomeng.com

Welcome to TEA-Net
South San Francisco, California

login: fcc

Last unsuccessful login: Sat Jul 9 15:56:58 PDT 1994 on pts/5 from netcom13.netcom.com
Last login: Wed Jul 20 15:43:39 PDT 1994 on pts/9 from tutsys.com

Our online FCC database for California has been changed so that it
is no longer accessible by the Internet community. This is a result
of our obtaining an updated version of the database from Percon which
includes a stringent licensing agreement that precludes public access.

We will restore public access if we can find an affordable source for FCC
license data that does not have similar restrictions on its use.

The FCC database information was obtained on CD-Rom from:

PerCon Corporation
4906 Maple Springs / Ellery Road
Bemus Point, NY 14712
voice: (716) 386-6015
fax: (716) 386-6013

Connection closed by foreign host.

Oh well.

6628. Re: PRO-2022 mod: number of channels

Newsgroup: rec.radio.scanner
Date: 1994-07-21 05:46:36 UTC
From: dhartzell@ins.infonet.net
Message-ID: <30l23s$h7v@insosf1.infonet.net>
Source record: 271480

In article <30eeqo$sms@nnrp.ucs.ubc.ca>, mpatz@unixg.ubc.ca (Marcus Patz) writes:
>Not too long ago there was some discussion either here or in
>alt.radio.scanner about a mod which would greatly expand the number of
>channels one could program into a Pro-2022. Is this mod apocryphal, or
>does someone actually have it?
>
>If it does exist, could someone _please_ let me know where I can get a copy?
>
>Many, many, MANY thanks!
You should refer to the Scanner Modification Handbook II, by Bill Cheek,
published by CRB Research books. You should be able to order a copy for about
$20.00 from a resaleer in Popular Communications, available at your local
newsstand.

6629. Re: Traffic choppers and News Reporters

Newsgroup: rec.radio.scanner
Date: 1994-07-21 10:14:11 UTC
From: dk@crl.com
Message-ID: <30lhpj$hj@crl.crl.com>
Source record: 271483

-=FOOBARF=- (camter28@astro.ocis.temple.edu) wrote:

: Metro traffic tapes their reports, Express Traffic dosen't!!

Metro only tapes their traffic reports if they have to do another station
at the same time. As you know, Metro will feed lots of stations with
individual reports. If 2 stations are scheduled for the same times one
is taped. No biggie; it runs soon after.

--
dk@crl.com National Car Rentals now includes domestic
San Francisco partners in rental agreements at no extra cost!

6630. Re: Wanted ICOM R1

Newsgroup: rec.radio.scanner
Date: 1994-07-21 11:07:29 UTC
From: steven@sgb.oau.org
Message-ID: <CtAEwl.Bww@sgb.oau.org>
Source record: 271511

Tom Edsall (edsall@cisco.com) wrote:
: I'm looking for a used cellular capable ICOM R1 hand held scanner. I understand
: that you can't re-enable the cellular band on new ones.

You still can from Canada/Overseas. Only the made for U.S. market are
broken (non-continuous range).

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6631. Re: TR-1200 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-21 11:14:12 UTC
From: steven@sgb.oau.org
Message-ID: <CtAF7p.C16@sgb.oau.org>
Source record: 271502
Cross-posted to: rec.radio.scanner,alt.radio.scanner

AOR AR-1000 (rats@cbnewsc.cb.att.com) wrote:

: In <xmyziZN.scanlock@delphi.com> states:

: |It's the same thing with the cell lock. But resets don't work. It's a
: |changed Processor.

: Please explain.

: (1) By "resets don't work" what does this mean? That there's a pushbutton
: or switch is inside for resetting the microprocessor?

: (2) By "It's a changed Processor" what does this mean? That the EEPROM
: configuration of the TR-1200 no longer contains the frequency limits,
: or that the microprocessor has some sort of built-in cellular lock that
: can't be circumvented?

I suspect he means the normal tricks to getting back the range do
not work as the processor limits what it will scan (range-wise).

What's the cost of a new processor (from an INTERNATIONAL version)?

You can still get these overseas and Canada without any problems...

Those are TRUE continuous range, not the censored U.S. models.

Boycott the U.S. dealers until they find a way of carrying the same
product you can buy overseas or in Canada with FULL coverage. Until
then they do not deserve any business.

If EVERY dealer and the manufacturers were to band together, making
the cellular capable units as well as importing them from overseas,
perhaps in modules and assembling them here, there is NO way the FCC
could stop it.

Personally, I'd like to see the FCC DISBANDED. They are a bunch of
overpaid idiots.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6632. Re: McDonald's Freqs (WH

Newsgroup: rec.radio.scanner
Date: 1994-07-21 11:56:00 UTC
From: brian.barnard@granite.mn.org
Message-ID: <36.3324.2912@granite.mn.org>
Source record: 271413

NM>Well, another thing I do with the McDonald's frequencies is use my
NM>commercial radio (receive on the Inside-Outside frequency and
NM>transmit on the Outside-Inside frequency)
NM>That's legal with a commercial license, btw.

I was wondering what type of commercial licence would allow you to use any frequency you choose? Do you also identify your self with your FCC call sign? I have a commercial license but that does not mean I can transmit on any frequency that I want to. If you are legally licensed to transmit on these frequncies what kind of business are you engaged in that you were able to be licensed? They just don't hand them out for the asking. Also, I would be very upset if NABER were to have asigned me frequencies that were already in use.

I am betting that you own a 2 meter radio that has been modified for out of band transmision, not a FCC type accepted radio and are transmitting illegally. Am I right Nicholas?
Just for curiousity I am going to see if anyone with the name Nicholas McLarty has a license.

Don't worry, I,m not going to turn you in. But I would be carefull!

• CmpQwk #UNREG• UNREGISTERED EVALUATION COPY

------------------============<>============-----------------
Granite City Connection (612) 259-0801
Email: brian.barnard@granite.mn.org (Brian Barnard)
------------------============<>============-----------------

6633. Re: BC 890XLT????

Newsgroup: rec.radio.scanner
Date: 1994-07-21 12:07:02 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.391.000C1E6C@ccm.hf.intel.com>
Source record: 271503

In article <30js5p$c41@umcc.umcc.umich.edu> tim@umcc.umcc.umich.edu (Tim Tyler) writes:

> Two other nice features are the optional CTCSS decoder & 30kHz tuning
>step for certain 800MHz spectrum.

> CTCSS-decode increases the useability in RF-dense areas, but of
>course there are many freqs you'd want to monitor that don't use CTCSS...

Radio Shack has just started selling the 890 under their own name. Amazingly,
the tone board will also be available.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6634. MGM Studios FL FREQS?

Newsgroup: rec.radio.scanner
Date: 1994-07-21 12:42:46 UTC
From: jkronz@pts.mot.com
Message-ID: <CtAJBB.J81@pts.mot.com>
Source record: 271493

OK, I know the FREQs for disney have been posted many times before
but I didn't save them... Anyways I'm going to MGM studio's this
weekend anybody have the freqs for it??? Also the Disney one's
would be nice. And one more thing, Im also going to SeaWorld.

E-mail or Post, would be fine.

-jason

p.s. There must be a TON of these kind of freq's liscensed in Orlando
because of the amount of touristy type places, has anyone found any
really interesting ones?

These Are MY opinions and do not reflect those of Motorola Inc.

Jason Kronz |
jkronz@pts.mot.com | (This space intentionally left blank)
N9OFN |
Cyber-Pilot (VFR only) |

6635. Re: FTP sites

Newsgroup: rec.radio.scanner
Date: 1994-07-21 12:49:41 UTC
From: dbarkley@sun1.iusb.indiana.edu
Message-ID: <CtAJMt.IDF@sun2.iusb.indiana.edu>
Source record: 271484
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I've connected to ftp.catt.ncsu.edu, oak.oakland.edu. I picked up a couple files that I can't seem to unpack. For instance, I downloaded a pro43.mod file that I can't figure out. I'm using a 486/33 and am sure the answer is an easy one. Could someone enlighten me and help me evolve into the next stage of Internet user? :)

Dave Barkley
==========
Damn! Collage is do fun! Why did I wait 6 years to go?
==========

6636. Re: FTP sites

Newsgroup: rec.radio.scanner
Date: 1994-07-21 12:56:05 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.392.000CEFAB@ccm.hf.intel.com>
Source record: 271506
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <CtAJMt.IDF@sun2.iusb.indiana.edu> dbarkley@sun1.iusb.indiana.edu (DAVID BARKLEY) writes:

>I've connected to ftp.catt.ncsu.edu, oak.oakland.edu. I picked up a couple
>files that I can't seem to unpack. For instance, I downloaded a pro43.mod
>file that I can't figure out. I'm using a 486/33 and am sure the answer is an
>easy one. Could someone enlighten me and help me evolve into the next stage
>of Internet user? :)

Verify that you type: binary before the download. The file will be
garbage if it is anything other than a text file.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6637. Re: ICOM R1 NiCd battery

Newsgroup: rec.radio.scanner
Date: 1994-07-21 13:03:57 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.393.000D1144@ccm.hf.intel.com>
Source record: 271507

In article <hughemCtAtwp.Ju@netcom.com> hughem@netcom.com (Hugh Hemington) writes:
>Does anyone know why Nickel Metal Hydride hasn't caught on with
>scanners? They are becomming very common in notebook computers. They
>can be charged and discharged without regard to "memory" and last much
>longer. I have noticed that the internal battery on my R1 has a shelf
>life (fully charged) of about 18 hours. I would like to use my 1kma
>battery pack primarily and use the internal as a backup battery, but it
>is always dead when I need it. Anyone else having this problem?

>Hugh Hemington
>hughem@netcom.com

NMH batteries have a very fast self disharge. I had some in one of my Icom
HTs and the batteries would be dead after the radio sat for about a week
unused. NMH is not the "super battery" it was made out to be. NMH works fine
in cell phones and laptops because they are always being used.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6638. Re: Mcdonald's Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-21 13:45:36 UTC
From: domonkos@access.digex.net
Message-ID: <wVcBkiubGkfN066yn@access.digex.net>
Source record: 271485

In article <84b_9407201648@blkcat.fidonet.org>, John Wagner wrote:
>
> I have picked up the headset on 156.400, but no internal communications or
^^^^^^^
> the person ordering food. Is this on another channel? Thanks.
>
> JMW
>
>
You sure it's not 154.600?

Andy

6639. Re: ICOM R1 NiCd battery

Newsgroup: rec.radio.scanner
Date: 1994-07-21 13:45:43 UTC
From: domonkos@access.digex.net
Message-ID: <RacBkiubGkp5066yn@access.digex.net>
Source record: 271486

In article <jcupples-2007941629090001@157.175.110.24>, Jerry Cupples wrote:
> The NiCd internal of my R1 is getting wimpy. I figure to take it apart and
> solder in a new one. Called ICOM in WA, and they want too much. Anyone
> done this, can I use some generic battery rather than the ICOM part?
> Already have the 6AA convertor, but occaisonally I like it to be really
> tiny.
>
> (not listening to anyone who tells me I shoulda bought a RS instead)
>
> cheers
>
> Jerry (jcupples@iphase.com)

Jerry,

Unfortunately, ICOM and most companies sell us equipment w/consumer rated ni-cads. I'm a comm's system design engineer and I use commercial rating batteries that have a substantially higher current rating than their commercial equivalents. I've started replacing my ni-cads at home w/their industrial equivalents w/great success. It'll take a little longer to recharge and are more expensive but I think the price is worth it.

Call Sanyo at the folliwing numbers for their product catalogs and find the equivalent for your battery (same size, but much higher current rating) and place your order, youll be pleased w/the results.

Sanyo Energy Corp.

Fla: 904-376-6711

Ill: 708-285-0333

NJ: 201-641-2333

Ga: 404-279-7377

Tx: 214-480-8345

Ca: 619-661-6620

Good luck.

Andy

6640. 890xlt Cellular Restorable?

Newsgroup: rec.radio.scanner
Date: 1994-07-21 13:45:49 UTC
From: domonkos@access.digex.net
Message-ID: <VhcBkiubGk-8066yn@access.digex.net>
Source record: 271487

Is the Uniden 890xlt still cellular restorable or only the remaining dealer stocks of the older units (pre-communist days).

Andy

6641. Re: LCD Problem BC100xlt

Newsgroup: rec.radio.scanner
Date: 1994-07-21 13:45:57 UTC
From: domonkos@access.digex.net
Message-ID: <DjcBkiubGkeC066yn@access.digex.net>
Source record: 271488

In article <30kc6s$f91@freenet3.scri.fsu.edu>, Douglas DeTardo wrote:
> I have an older bc100xlt which I don't use often. Recently I noticed
> that the LCD Display looks like it has an ink stain along the top
> edge. I assume its going bad. Can it be replaced or is there anything
> I can do to stop further deterioration. Scanner works great.

The display has bought it. It should give you a few more years though.

Andy

6642. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-21 13:46:06 UTC
From: domonkos@access.digex.net
Message-ID: <hmcBkiubGMwC066yn@access.digex.net>
Source record: 271489

In article <Ct9rtD.2uG@datamax.oau.org>, Steven Bradley wrote:
> Peter Simpson (peter_simpson@3com.com) wrote:
> : Is there any prohibition on replacement controller chips or PROMs?
>
> No, none at all. I think I speak for many when I say we would all
> welcome them being made available! It would be the least we could
> do (equivilent to sticking out your middle finger at the FCC and
> the cellular industry!)
>
> Steven

The problem is surface mount devices, except for the few of us who have the SMT stations at work. Too bad they don't socket them w/in-line DIP IC's...

Andy

6643. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-21 14:29:35 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <30m0of$c3q@dancer.cc.bellcore.com>
Source record: 271490

In article <Ct9rtD.2uG@datamax.oau.org>,
Steven Bradley <steven@datamax.oau.org> wrote:
>Peter Simpson (peter_simpson@3com.com) wrote:
>: Is there any prohibition on replacement controller chips or PROMs?
>
> No, none at all. I think I speak for many when I say we would all
> welcome them being made available! It would be the least we could
> do (equivilent to sticking out your middle finger at the FCC and
> the cellular industry!)
>Steven

Actually, don't blame the FCC. The FCC was mandated by congessional
legislation to develop and impose the cellular scanner restrictions
that became effective last April.

Just a point of reference to keep in mind.

Cheers,

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

6644. Moorhead State University

Newsgroup: rec.radio.scanner
Date: 1994-07-21 15:16:59 UTC
From: an113259@anon.penet.fi
Message-ID: <152302Z21071994@anon.penet.fi>
Source record: 271491

I will be attending Moorhead State University in northern Minnesota next year, and I was wondering if anyone out there had the frequencies used by the campus on thier databases or know where I could get them.

If there are any nothern MN people here (Orr, Gheen area) let me know, I have a few basic freqs.

Fubar

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

6645. Re: Discone antenna

Newsgroup: rec.radio.scanner
Date: 1994-07-21 16:03:16 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-210794080713@m12110.esl.com>
Source record: 271492

In article <19940717.143043.385@almaden.ibm.com>, rfhamilton@VNET.IBM.COM wrote:

> I've seen several postings regarding discone vs. general reception
> antennas. My reception of military air is non-existant but I heard some-
> one on a local scanner net say that he had the same problem until he
> switched to the Radio Shack discone. From what I read the discone is not
> good for below 100 mhz. How critical is this loss ? Is the RS discone a
> good choice, how about the discone sold by Grove or others ? Any info
> or recommendations would be appreciated.
>
> Bob Hamilton (rfhamilton@vnet.ibm.com)

Bob

I HAD an R.S. discone on my roof and it's performance is abysmal below 100MHz. Besides that, the radial elements are very fragile because the hollow elements have a threaded insert on one end so it can be screwed into the antenna. If I ever took down the mast I invariably broke a radial in the process. I gave up on it and bought a Diamond D130J from Grove. I have been very pleased with the D130's performance. I pick up about 20dB more signal at 50MHz over the R.S. discone.
If a mediocre performing and fragile antenna is good enough for you, then go ahead and buy the R.S discone. I sold mine to a friend for $25 (Although he had to buy two radial elements from Tandy parts center to fix it) and it's "Good enough" for his use. He can't put up an antenna outside, so the lack of a vertical element on top allows it to fit inside.

The discone is a good, general purpose, VERY wide bandwidth, antenna offering some gain on all freqs. It does this by compressing the radiation pattern into a donut shape with little of the signal radiating upwards or downwards, concentrating the patten perpendicular to the vertical axis of the antenna. We use discones on all our ground based Military UHF comm and data links that we build here at work for the 225-400MHz band.

Good scannin' to ya.
MAD

The opinions expressed here are | Covering 100KHz to 2GHz contiguous.
my own, but you can have 'em i | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

6646. Re: ICOM R1 NiCd battery

Newsgroup: rec.radio.scanner
Date: 1994-07-21 16:31:36 UTC
From: hughem@netcom.com
Message-ID: <hughemCtAtwp.Ju@netcom.com>
Source record: 271494

Wwhitby (wwhitby@aol.com) wrote:
: I've seen ads for companies that sell aftermarket batteries for the ICOM
: R1 and S series HTs and some do have replacement internal batteries.
: Periphex is the one that leaps to mind. Look in Popular Communications
: and 73 Amateur Radio for companies that sell battery packs and give them a
: call. E-mail me direct if you need more info.

: Warren Whitby
: wwhitby@aol.com
: 73s de KE4ITL

Does anyone know why Nickel Metal Hydride hasn't caught on with scanners? They are becomming very common in notebook computers. They can be charged and discharged without regard to "memory" and last much longer. I have noticed that the internal battery on my R1 has a shelf life (fully charged) of about 18 hours. I would like to use my 1kma battery pack primarily and use the internal as a backup battery, but it is always dead when I need it. Anyone else having this problem?

Hugh Hemington
hughem@netcom.com

6647. Re: Public Safety Trunking - why use it?

Newsgroup: rec.radio.scanner
Date: 1994-07-21 17:45:41 UTC
From: lrk@netcom.com
Message-ID: <lrkCtAxC5.E4w@netcom.com>
Source record: 271498

In article <30kr5m$qic@search01.news.aol.com>, Wwhitby <wwhitby@aol.com> wrote:
>Motorola Radios are supposed to have that priority button that will bump
>off another user in an emergency. However, I did hear in Monitoring Times
>that a cop was killed when the priority button didn't work when it was
>supposed to.
>
Most of the radios are half-duplex, they can't hear while talking. That
means the radio CAN'T be told to stop transmitting! The priority applies
to the NEXT available channel. The 'emergency' signal goes over the control
channel and should be available to the dispatcher but that still doesn't
mean she would be able to get a channel to tell everybody else.

-- --
| 73, internet | lrk@k5qwb.lonestar.org |
| Lyn Kennedy | lrk@wb5nrn.cirr.com |
| pony express = P.O. Box 5133, Ovilla, TX, USA 75154 |
---Livin' on an information dirt road a few miles off the superhighway---

6648. Re: LCD Problem BC100xlt

Newsgroup: rec.radio.scanner
Date: 1994-07-21 17:54:33 UTC
From: jcarter@orl.mmc.com
Message-ID: <30mcop$qv1@theopolis.orl.mmc.com>
Source record: 271496

>I have an older bc100xlt which I don't use often. Recently I noticed
>that the LCD Display looks like it has an ink stain along the top
>edge. I assume its going bad. Can it be replaced or is there anything
>I can do to stop further deterioration. Scanner works great.

That's funny!! I have a bc200xlt with ink stain along the bottom. The
display still works but the receiver is dead. I think the receiver power
regulator is bad.

I also have a PRO-37 I've had for a few years and have had no problem
with it at all.

0 0 000 0 0 000 00 0 0 | James A. Carter | Jcarter@orl.mmc.com
0 0 0 0 0 0 0 0 0 0 00 0 | FCC Lic. KD4PON | These views are my own and
00 0 0 0000 000 0 0 0 00 | 1-(407)356-5879 | are in no way connected
0 0 0 0 0 0 0 0 0 00 | Martin Mariettia | to MARTIN MARIETTIA.
0 0 000 0 0 00 0 0 | Orlando, FL 32855 | Thanks Jim

6649. Re: Cannot lock out a channel on Pro43

Newsgroup: rec.radio.scanner
Date: 1994-07-21 18:45:27 UTC
From: joeh@connected.com
Message-ID: <30mfo7$4et@hebron.connected.com>
Source record: 271497
Cross-posted to: alt.radio.scanner,rec.radio.scanner

: Tim Foecke writes:

: The freq. I was trying to lock out was 161.7 MHz, on which was a
: dead air carrier noise of some sort. Not a birdie.

161.7 is a broadcast RPU (Remote Pick-Up) freq. Very well could have had a dead carrier on it. You should be able to call just about any radio station in your area, ask for the engineer, and ask if they know whos on that one in your area, or ask for the name of the Freq Co-ord in the area.

Many times these channels will keep a dead carrier on them as they are used in a repeater setup or as a back channel.

-Joe

--
/============================> KB7WAI <================================\
> Joe Hamelin (joeh@connected.com) Tampico, Washington, USA, Earth <
> "Without love in the dream it will never come true" -Hunter/Garcia <
\===/

6650. Re: A Glimpse of the new 43-A

Newsgroup: rec.radio.scanner
Date: 1994-07-21 18:51:41 UTC
From: michaeha@soul.tv.tek.com
Message-ID: <30mg3t$h7u@news.tv.tek.com>
Source record: 271495

In article <Ct9vsn.2w3@utnetw.utoledo.edu> cscon0151@uoft02.utoledo.edu writes:
>Having access to some of the 'new' 43's (the A series), I opened the back cover
>to get a closer look. I was able to get a look at the 'diode array', and
>noticed there were SM diodes in the xx2 and xx3 slots. Can't remember what the
>full part numbers though.... it's been awhile since I did my mod, and I can't
>find the service manual :-(....
>

Did they re-layout the board when the went to the new ones or is it the same
circuit board with new software and the diodes moved around? If the board is
the same you could probably copy the processor code from an old pro 43 into
a new PROM, move the diodes to the appropriate places and solder in the PROM
with that old code. It involves a lot of delicate soldering but could it
work?

Mike

A
The big problem would be finding someone willing to

6651. Fast f00d Freqs.

Newsgroup: rec.radio.scanner
Date: 1994-07-21 19:44:39 UTC
From: demon@inferno.com
Message-ID: <015849QDTWPJQKVQSOFP@inferno.com>
Source record: 271505

I'm sure you people can find more creative things to do with your time,
but I guess every man has his pleasure.

Here you go, campers. Fast Food Frequency allocations:

The Fast Food Freqs

30.84000 154.5700
35.02000 154.6000
154.5700 170.2450
154.6000 171.1050
457.5125 467.7375
457.5250 467.7500
457.5375 467.7625
457.5500 467.7750
457.5625 467.7875
457.5750 467.8000
457.5875 467.8125
457.6000 467.8250
457.6125 467.8375
460.9975 465.8875
462.7625 476.8875

Have fun. Whee haw.

--------------------==>> demon@inferno.com

<Insert standard disclaimer for all those politically correct people>
Please send any tidbits or random info or kind words to
demon@inferno.com
Flames can be sent to someone else. I don't want to hear you snivel.

-----------------==>> Silicon Valley, USA (We're just that cool)

6652. Re: Stupid ?

Newsgroup: rec.radio.scanner
Date: 1994-07-21 19:54:27 UTC
From: magnet@nRCHs022
Message-ID: <30mjpj$7qn@corpgate.rich.nt.com>
Source record: 271499

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
|In article <brett_miller.387.000D14D3@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com
(Brett Miller - N7OLQ) writes:
|> In article <223312Z16071994@anon.penet.fi> an113259@anon.penet.fi (Fubar) writes:

|>>I know this is a stupid question, but I am very new to the internet (hey
|>>you were once too) but what is the difference between this newsgroup and
|>>alt.radio.scanner?
|>

There are only TWO stupid questions. The first is the one that goes unasked.
The second is a question based on "contradictory premises".

|> First of all, most of the newsgroups do not care for people who post from
|> anonymous sites. There is nothing to hide...

|I'll disagree a bit with Brett here. I can understand how someone new to the
|group might ask what (s)he considers a "stupid" question from behind a mask.
|Shy people have their needs, too!

|P.S. to an113259: Brett is one of the more knowledgeable and helpful people in
|the group and I would be surprised if his comment were anything more than an
|invitation to come out of the shell.

I'll have to second that opinion, Brett's helped me out a time or two whether
he knows it or not. 8-)

--
brad.glidewell@nt.com

6653. FREQS: San Jose CA

Newsgroup: rec.radio.scanner
Date: 1994-07-21 19:57:03 UTC
From: rjgrocho@aud.alcatel.com
Message-ID: <30mjuf$krp@fozzy.aud.alcatel.com>
Source record: 271501

My thanks to all who responded ... UseNet and E-Mail. Leaving this weekend with scads of frequencies to try and all my radio gear packed. Hope the folks at the airport don't think I'm a terrorist or a spy. Can I get Net Access from Federal Prison?

Robert

6654. Re: Cannot lock out a channel on Pro43

Newsgroup: rec.radio.scanner
Date: 1994-07-21 20:35:37 UTC
From: cab@col.hp.com
Message-ID: <30mm6p$97b@hp-col.col.hp.com>
Source record: 271500
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> Many times these channels will keep a dead carrier on them as they are
> used in a repeater setup or as a back channel.

So how does this prevent you from locking that channel out? I can lock out channels that have nothing on them, or that have a carrier and no signal, or that have carrier AND signal. The content of a channel *should* have no effect on your ability to lock it out.

This stuff is interesting on its own, but it won't help the original poster with his question.

6655. Re: software

Newsgroup: rec.radio.scanner
Date: 1994-07-21 21:21:10 UTC
From: magnet@nRCHs022
Message-ID: <30mos6$7qn@corpgate.rich.nt.com>
Source record: 271508

Mike Carpenter (mcarp@bbs.xnet.com) wrote:
|Please forgive me...this is probably the wrong place to ask this, but it was
|the only place I could think of.

|I was recently tied to a Motorola alpha/numeric pager. Does anyone know of any
|shareware for unix to send alpha messages to the pager? If not, how about a
|suggestion of what site I might look at.

|Thanks for any help

|Mike
|mcarp@rims.com

Sorry for the long post. But I thought a reply would be nice.

YES! Do an archie search for EXPECT. This is an awsome utility for
UNIX systems.

From the man pages:

EXPECT(1) USER COMMANDS EXPECT(1)

NAME
Expect - programmed dialogue with interactive programs

SYNOPSIS
expect [-dDinN] [-c cmds] [-fb] cmdfile] [args]

INTRODUCTION
Expect is a program that "talks" to other interactive pro-
grams according to a script. Following the script, Expect
knows what can be expected from a program and what the
correct response should be. An interpreted language pro-
vides branching and high-level control structures to direct
the dialogue. In addition, the user can take control and
interact directly when desired, afterward returning control
to the script.

Script to call paging service.
#!/local/bin/expect
#From
cme!dove!uunet!haven.umd.edu!cville-srv.wam.umd.edu!ni.umd.edu!sayshell.umd.edu!louie Mon
Jul 5 19:40:50 EDT 1993
#Article: 12626 of comp.unix.bsd
#Path:
cme!dove!uunet!haven.umd.edu!cville-srv.wam.umd.edu!ni.umd.edu!sayshell.umd.edu!louie

```
#From: louie@sayshell.umd.edu (Louis A. Mamakos)
#Newsgroups: comp.unix.bsd
#Subject: Re: BSDI and IXO
#Message-ID: <21486h$f5q@ni.umd.edu>
#Date: 3 Jul 93 15:21:53 GMT
#References: <20sp7v$9hr@cyberspace.com>
#Organization: University of Maryland, College Park
#Lines: 290
#NNTP-Posting-Host: sayshell.umd.edu
#
#In article <20sp7v$9hr@cyberspace.com> brc@cyberspace.com (Brian Cartmell) writes:
#>Does anyone have a program that works on BSD that will connect to a device
#>dial a number and transfer Alpha Pager Message via the IXO for alpha pagers?
#
#I have an expect script (actually, two files) that does this. It can
#use tip(1) to actually talk to the modem. We also have a different
#module that telnets to an terminal server with dial-out modems too,
#that just uses a different "hardware" file.
#
#This pretty ugly and disgusting, but the implementation of the IXO
#protocol in TCL, I thought, was rather interesting.
#
#It's usually invoked as
#
# beep pagerid "It's broken! Help!" pagerid2 "Help! It's down!"
#
#there's also a way to pass it a file containing pagerids and messages for
#"bulk" beeping.
#
#Louis Mamakos

#!/local/bin/expect
#
# Call a beeper. By default, uses tip(1c) to establish the modem connection
# which requires an entry in /etc/remote that looks like this:
#
# dialer:dv=/dev/cufa:br#38400:pa=even:
#

log_user 0
#debug 1

# definition of paging service's phone number
set service "474-4657"
# hardware to use
set hardware beep.tip

# definitions of various ascii control characters used by the paging
# protocol

set STX \002
set ETX \003
```

```
set ACK \006
set NAK \025
set RS \036
set ESC \033
set EOT \004

# ===

proc error { msg } {
puts stderr "Error: $msg"
exit
}

# ===

#
# compute the checksum over the paging transaction packet. Return the
# checksum string
#
proc checksum { s } {
set sum 0
foreach ch [split $s {}] {
scan $ch "%c" v
incr sum $v
}
return [format "%c%c%c" [expr "48 + (($sum >> 8) & 15)"] \
[expr "48 + (($sum >> 4) & 15)"] \
[expr "48 + ($sum & 15)"]];
}

# ===

proc get_response {} {
global ACK NAK RS ESC EOT

expect "*$ACK\r" {puts stderr "resp: OK"; return "OK"} \
"*$NAK\r" {puts stderr "resp: NAK"; return "NAK"} \
"*$RS\r" {puts stderr "resp: ABANDON"; return "ABANDON"} \
"*$ESC$EOT\r" {puts stderr "resp: DISC"; return "DISC"} \
timeout {puts stderr "resp: TIMEOUT"; return "TIMEOUT"}
}

# ===

#
# Generate a page to "pin" carrying the message "message"
#
proc page { pin message } {
global STX ETX

set attempts 0

regsub "\t+" $message " " message
set message [string range $message 0 238]
```

```
set pgstr "${STX}${pin}\r${message}\r${ETX}"
set block "$pgstr[checksum $pgstr]\r"

send $block
puts stderr "Sending page to $pin"
set resp [get_response]
#
# Examine the response. Only "NAK" responses are retried
#
while {! [string compare "NAK" $resp] && $attempts < 5} {
puts stderr "Resending block due to NAK"
exec sleep 1
send $block
set resp [get_response]
incr attempts
}
return $resp
}

# ===

#
# condition the paging system to accept the Paging Entry Terminal protocol,
# rather than thinking we're a dumb terminal out here.
#
proc dologin {} {
global ESC

foreach i {once} {
set timeout 5
expect {*ID=} break timeout {}
set timeout 2
send "\r"
expect {*ID=} break timeout {}
send "\r"
expect {*ID=} break timeout {}
send "\r"
expect "*ID=" break timeout {}
send "\r"
expect "*ID=" break timeout {
send_user "Error: waiting for id= prompt\r"
return -1
}
}

set timeout 10

# this is the magic bit..
send "${ESC}PG1000000\r"

case [set resp [get_response]] in {
OK {puts stderr "Logged into paging service"}
NAK {error "to send of PG1"}
```

```
TIMEOUT {error "timeout of response to PG1"}
* {error "Unexpected response '$resp' during login"}
}
return 0
}

# ===

proc logout {} {

global EOT

send "$EOT\r"
case [get_response] in {
DISC {puts stderr "Normal disconnect"}
RS {puts stderr "Some pages may have failed"}
}
}

# ============= start of main program =============

set argc [llength $argv]
set dofile 0

set arg 1

if {$argc>2 && ([string compare FILES [lindex $argv 1]] == 0)} {
set dofile 1
set arg 2
} else {
if {$argc < 3} {
puts stderr \
"usage: [lindex $argv 0] pagerid message \[pagerid message ...\]"
exit
}
}

source $hardware

set success 0
for {set tries 5} {$tries} {set tries [expr $tries-1]} {
# invoke communication facility specific function to establish
# a connection with the paging service
connect $service

# attempt to initiate session protocol
if {[dologin] == 0} {
set success 1
break
}
}
if { $success == 0 } {
error "Gave up looking for a working modem at the other end"
}
```

```
while {!$dofile && ($arg < $argc)} {
set who [lindex $argv $arg]
set msg [string range [lindex $argv [expr $arg+1]] 0 238]
set arg [expr $arg+2]

puts stderr "Paging $who with $msg"
page $who "$msg"
}

if {$dofile} {
while {$arg < $argc} {
set dofile [open [set filename [lindex $argv $arg]] r]
incr arg

if {[gets $dofile who] < 0} {
puts stderr "EOF reading recpient from $filename"
exec rm -f $filename
continue
}

if {[gets $dofile msg] < 0} {
puts stderr "EOF reading message from $filename"
exec rm -f $filename
continue
}

if {[regsub "^ID=" $who "" who] == 0} {
puts stderr "$filename: Missing ID= on pager line"
exec rm -f $filename
continue
}
if {[regsub "^MSG=" $msg "" msg] == 0} {
puts stderr "$filename: Missing ID= on pager line"
exec rm -f $filename
continue
}
close $dofile
puts stderr "Paging $who with $msg"
if {[page $who "$msg"] == "OK"} {
exec rm -f $filename
}
}
}

# end session protocol
logout

#
# invoke communication facility specific function to disconnect from
# paging service
#
disconnect "Mission sucessful\n"
exit 0
```

```
---------- beep.tip

proc connect { pagerservice } {
global spawn_id pid

uplevel 1 set pid [spawn tip dialer]

expect "connected*"

send "AT\r"
expect "*OK*" {}

send "ATE0\r"
expect "*OK*" {}

send "ATM0&N15&K0DT${pagerservice}\r"
set timeout 20
expect "*CONNECT*\r" {} timeout {error "modem didn't return CONNECT"}
expect_after eof {error "Got EOF (default)"} \
{\rNO\ CARRIER\r} {error "Lost connection"}
}

proc disconnect { msg } {
send "\r~.\r"
send_user $msg
}

--
brad.glidewell@nt.com
"Networking is the Vietnam of computing. Something can nuke you from
behind, and it's gone when you turn around. It's impossible to win a
guerrilla war against a highly distributed enemy." - Mike Smith.
```

6656. Re: ICOM R1 NiCd battery

Newsgroup: rec.radio.scanner
Date: 1994-07-21 21:33:36 UTC
From: magnet@nRCHs022
Message-ID: <30mpjg$7qn@corpgate.rich.nt.com>
Source record: 271509

Jerry Cupples (jcupples@iphase.com) wrote:

|(not listening to anyone who tells me I shoulda bought a RS instead)

OK, you should have bought one in addition to the R1. ;-)

--
brad.glidewell@nt.com
P.C. Definition of Ugly:
Physicaly ill-favored

6657. Re: Public Safety Trunking - why use it?

Newsgroup: rec.radio.scanner
Date: 1994-07-21 21:56:17 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.30.000FF09A@chevron.com>
Source record: 271512

In article <304ov4$km2@pipe1.pipeline.com> monty@pipeline.com (Bryan Montgomery) writes:
>plaws@comp..uark.edu (Peter Laws) wrote:

>>>radios are programmed with 4 specific fire channels and 1
>>>frequency. I know that both the EMS and the Police have at
>>>least 2 frequencies each, then there is the water

>>Try to think of them as talkgroups or modes as the
>>suppliers call them.
>>There is not a frequency assigned to each service, but
>>a "virtual" or "soft channel.

The "talk groups" are commonly refered to as fleets and sub fleets in a
Motorola system.

> You're right, it's easy to refer to talkgroups/channels as
>frequencies, which of course they aren't. Sorry to add to the
>confusion.
>>
>>When the excrement impacts the ventilation system, the
>departments will be >surprised to find that only four
>conversations can go on at once! (assuming >4 voice/1 data
>pairs)
>>

>Yes and no. The system is prioritzied so that Police and Fire
>have the two highest priorities. The town _tries_ to educate
>users about the meaning of different tones and available
>channels/talkgroups. Personally, I've not known this to happen
>... yet.
>>
>>>These systems also have the capability of being re-programmed

>>>on the fly so that water can communicate directly with fire
>>
>>Does your department actually do this? Cool. None of the
>trunk systems I >have monitored have done this. They usually
>wimp out and have a common group >for all services.
>>

Over the air programming is available but it is more likely that a control
operator / dispatcher patchs the groups together. This still keeps the
conversation on the same cahnnel pair. The trunked central controller
handles the connections. Remeber that all radios on the system should have
access to all of the channels.

>I've only known it to happen once, although they
regularly >patch in other radio systems on mutal aid type calls.
>>
>Glad there are still some people around who can discuss things
>rationally!

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
Amateur KD6ELA / GROL PG10-25691 / Private Pilot

6658. Re: Public Safety Trunking - why use it?

Newsgroup: rec.radio.scanner
Date: 1994-07-21 22:02:12 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.31.001009DC@chevron.com>
Source record: 271513

In article <brett_miller.389.000C58C1@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>In article <304ov4$km2@pipe1.pipeline.com> monty@pipeline.com (Bryan Montgomery) writes:
>>plaws@comp..uark.edu (Peter Laws) wrote:

>>>monty@pipeline.com (Bryan Montgomery) writes:

>>>When the excrement impacts the ventilation system, the
>>departments will be >surprised to find that only four
>>conversations can go on at once! (assuming >4 voice/1 data
>>pairs)

>>Yes and no. The system is prioritzied so that Police and Fire
>>have the two highest priorities. The town _tries_ to educate
>>users about the meaning of different tones and available
>>channels/talkgroups. Personally, I've not known this to happen

>But this doesn't mean a lower priority radio will get bumped off the repeater
>if a police or fire radio keys up, does it? I have never heard this happen.
>If this were the case, then all the lower priority radios would get bumped off
>every time police or fire wanted to talk. Is there a way to enable this
>priority feature from the radio? I seem to remember a Moto trunk system that
>had a feature that the cops could switch on so that they had priority. This
>was used only in emergency situations.

The system would only bump the lower priority user if there are no available channels. The emergency button can be programmed to do a number of things on a system. Mainly used as a man-down feature (though most man-downs are automatic if you want them to be really effective), pressing the button will identify the radio on a display at the dispatch console.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
Amateur KD6ELA / GROL PG10-25691 / Private Pilot

6659. Re: ICOM R1 NiCd battery

Newsgroup: rec.radio.scanner
Date: 1994-07-21 22:30:26 UTC
From: cscon0151@uoft02.utoledo.edu
Message-ID: <CtBzI6.317@utnetw.utoledo.edu>
Source record: 271382

In Article <hughemCtAtwp.Ju@netcom.com>
hughem@netcom.com (Hugh Hemington) writes:
>Wwhitby (wwhitby@aol.com) wrote:
>: I've seen ads for companies that sell aftermarket batteries for the ICOM
>: R1 and S series HTs and some do have replacement internal batteries.
>: Periphex is the one that leaps to mind. Look in Popular Communications
>: and 73 Amateur Radio for companies that sell battery packs and give them a
>: call. E-mail me direct if you need more info.
>
>: Warren Whitby
>: wwhitby@aol.com
>: 73s de KE4ITL
>
>I don't know where you are at,but at most hamfests there are at least one of
the battery outfits selling all kinds of replacement packs for handhelds.I
bought a "generic"1000 ma.pack for my IC24at(it will fit yours)for 30 bucks!It
lasts as long as my "real"pack that costs over 50,it just doesn't look as
nice.Big deal.If you get the next bigger size than the one you got with the
radio,it will last for DAYS of intermittent use.

Barry Felstein,N8PVX
Using Brad's Acct(yes he knows)

6660. Re: FTP sites

Newsgroup: rec.radio.scanner
Date: 1994-07-21 22:36:16 UTC
From: sys_srr@afds.cca.rockwell.com
Message-ID: <1994Jul21.223616.20810@zodiac.cca.rockwell.com>
Source record: 271504
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <CtAJMt.IDF@sun2.iusb.indiana.edu>,
dbarkley@sun1.iusb.indiana.edu (DAVID BARKLEY) writes:
|>Newsgroups: alt.radio.scanner,rec.radio.scanner
|>Path:
|
zodiac.cca.rockwell.com!newsfeed.ksu.ksu.edu!moe.ksu.ksu.edu!vixen.cso
o.uiuc.edu!usenet.ucs.indiana.edu!sun2!sun1.iusb.indiana.edu!dbarkley
|>From: dbarkley@sun1.iusb.indiana.edu (DAVID BARKLEY)
|>
|>I've connected to ftp.catt.ncsu.edu, oak.oakland.edu. I picked up a
|>couple
|>files that I can't seem to unpack. For instance, I downloaded a
|>pro43.mod
|>file that I can't figure out. I'm using a 486/33 and am sure the
|>answer is an
|>easy one. Could someone enlighten me and help me evolve into the
|>next stage
|>of Internet user? :)
|>

It is not an encoded file. It is plain ASCII, so if you downloaded
it as BINARY, download again as ASCII and type it to the screen.

--
==========

Sethu R Rathinam sys_srr%afds.cca.rockwell.com
Speaking for myself. rathinam@ins.infonet.net

6661. Re: New AOR AR-8000

Newsgroup: rec.radio.scanner
Date: 1994-07-21 22:54:40 UTC
From: monty@pipeline.com
Message-ID: <30mubg$gu@pipe1.pipeline.com>
Source record: 271510

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) wrote:

>
>In article <2vss4h$50k@pipe1.pipeline.com>
>monty@pipeline.com (Bryan Montgomery) writes:
>>weather, satellites, TV etc. Also in the same magazine
>was an
>>article about new software for an AOR (3000??) where
>the
>>reviewer set it up to search all day recording the
>frequencies
>>and the conversations with a sound card so that he
>could all
>>the communications on a specific frequency and
>determine it's
>>use. Sounded pretty smart!
>
>Bill Cheek said he has one of these cards. It sounded
>amazing. It has like 16 Mb of ram and stores all the
>audio by frequency so you can scan lots of channels and
>then go back later and listen to all the traffic one
>channel at a time. It puts time stamp on it etc. I
>doubt it will be cheap!
>
>
>Brett Miller N7OLQ
>brett_miller@ccm.hf.intel.com Intel Corp.
>American Fork, UT

Hi Brett (& others),

I could be very mistaken, but I'm sure that I read that the
software would handle the recording without any special
hardware, other than a multi-media sound card. The mag was
found in Barnes & Noble, I'll have to see if it's still there.

Bryan.

6662. Re: Police & Medical Helo's

Newsgroup: rec.radio.scanner
Date: 1994-07-21 23:31:23 UTC
From: don.irving@rahul.net
Message-ID: <CtBDCB.BKC@rahul.net>
Source record: 271444

In <brett_miller.385.000C80D8@ccm.hf.intel.com> brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>In article <774332959@f747.n115.z1> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:

>> -=> Quoting Nicholas Strauss to All <=-

>> NS> I've been trying to get some contact with from Stanford's
>> NS> Life Flight helo. It flies over my house often enough,
>> [...]

>Stanford's life flight (it is not really Stanford's) has about 5 freqs in the
>800MHz range. There is also a coordination freq that is 130.xxx that the helo
>uses to talk directly to stanford. I could probably dig it up if you need it.
[...]

The 800 band freqs (rounded to nearest KHz for scanner entry) are:

854.012
852.287
858.312
854.062
853.787

These are not trunked, they are individual repeaters. They apparently share the repeaters with other commercial users. I have heard them often on the first one. The air-band frequency is 130.050 (AM). This is a generic helo coordination frequency where you might also hear CalStar and others. The medical helicopters are most often heard on the the VHF Fire White 1 channel talking to the ground fire units. This frequency is 154.280.

Have fun!

_/ _/ _/ _/ _/ _/ _/ _/ _/ _/ _/ _/ _/

Don Irving N6DRB <don.irving@rahul.net> | 223.52s (67.0)
Pat Irving KC6SSP <pat.irving@rahul.net> | San Jose CA

--
Donald J. Irving <irving@rahul.net>

6663. zipped Ontario freq. guide 1.zip, 2.zip

Newsgroup: rec.radio.scanner
Date: 1994-07-22 00:32:51 UTC
From: au532@FreeNet.Carleton.CA
Message-ID: <CtBG6s.Fs9@freenet.carleton.ca>
Source record: 271454
Cross-posted to: ncf.sigs.radio-scanner,alt.radio.scanner,rec.radio.scanner

The items below 1.zip 2.zip are Ontario Canada Radio Freqs. They are compressed with pkzip. 1.exe is listings from a-m (Hamilton, Mississauga etc.) while 2.exe contains m-z (ie: Ottawa, Toronto) use your binary transfer function of your comm software..

ciao

Rose

6664. 1.zip

Newsgroup: rec.radio.scanner
Date: 1994-07-22 00:34:40 UTC
From: au532@FreeNet.Carleton.CA
Message-ID: <CtBG9t.FuE@freenet.carleton.ca>
Source record: 271453
Cross-posted to: ncf.sigs.radio-scanner,rec.radio.scanner,alt.radio.scanner
Body handling: HTML body converted to readable text

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i>C�N���=��7(0�����sViLE�P9V���RyLe��q�5D�G
��h+ˊ�����caV{f%����C�ѿQ��w�c�A7I�EX�iaQ�E��{DE��1D6��E뷷
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  A熠K adj~  @4  q:wQ! 5  }   9  q  lBc    'Cf^    (3 F8G  n[  w!,   vȩC
Ɍ2 T55 %  C6`I  撞 t =          |2:J \|    ?v  (5g*  M U9 :Ꝁy TB
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  *Y Z \I_   <6j  i d ao  ~4x  R  ~  b   B        r  2A  ʁq C KW
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|c;   =~ IE-  y-o        W  x   1    fX=Y.8  '6N  ]b>  N S  \
e7   3c,S   v  Fqr  }  ن{   F }    `  □  ~  ʁ R'  b  8w\p  C5w r"%
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d78x Ж]V□Z  n /I ~  p I  Y  i5hx  □¿ =  ʏA.,4 N□   )PT q/    Vg`
T{ I  w a □y An>}FB _WSx *      O]

!y!:=
rm ^m  C Ɣ }6 4"v/ A;3bw □  K >V SY x  ̣      N  -S >@T rIJ /K
□x02K?A (!U i{S J  ou7a f A  9  @ 2%  3ᵕc 3Yk %  ѡ  b  a    DB ,
@u qD ^    Q  □Ëǰ  V5[y  ÄSK>^  1

    IH K  |qvi阰w!"□B I &F ÎM
  tʕ`@  4 +t -:1  P  Ë@W'
L  əK□4]$  c C `  \lU:      ;Rf  b в ;
  p&;  5;    u@7jZ\ NC d□  @     &   *  @L  ő dC j+ U d W□  H.R5 ≟
@  k =  ªfS Π     ڜ  =  =j gvv9  ɼ >  5  )`  .#  в  □ŀV @ r
Û          !lLk  v          `f□Xwнc7-r'+>1  Y  邏A?  □sY S}k
əzf5 ₎%  @  k W9F8□  |{  ol  >  b@m  ["Q^)W    *  .i_NQ%1D-I
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o.□w P|C.LJ?D;  Q v k
9~{_å[|?/Qt?<}{~qGZ<<o^_o14v
v(_3{_□/5~z#&<^i o□;us
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q+`-`?~>C ow o g%+
/o|.=V T~{~y 9O$XT|/|Z5y A%+G@w_□)[;r
L0,x8|<W<S n/.YIO??Gzdp pF p(
6O??c O J??q9>?o_v g8秧□{ 88/C뙰5
cQ -P}ꝰFp H
=v H8 T ovlgU|[Jb lr` -J HY \6
C z9|ч%F"b5xH"6nV
`d ɞ=Č□%:6+2`d}`BY0}C'f-gNH K_A+| ): d.0+
|Z1JQh C|G%ki11z,.~S}'
!U~G д8$>W Zq ɢP"v p^8  )  □Z:n N# z O&D( x
X□S@:'/wi t&'_`` =n!l?v m N □s 8zv ı̈ 1qú i^b9Mf
P"t6 !]>a{/! 5pXn□Cp x v@ r4O m u Mt)0F bO G\
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a/W ı #rBN
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y7f'L~G o 3L□-v:E<|□-0"cg8A9b xxN
-q N U}m
6鸵t:n{(V IT( ꝰ□ □e X J R7.Vtn J Ae8^Q Na $xOO0Bд
j~h@##F$´]!?bSdC >B(I BT9D G J vx ʃ).4@#g.c1f2
h|Sa e`k'O MV C□ū z Q I
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/KB W(f W>Y<+¬T+y):I0□6d)mlEp<S=q-SÃj;\@4.0
h daAw vQX K C Y1N q ü v6P  ï(OcT
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,:H R D I$'F ǂĪ&1+@ rr)Y|"ʒ DAy7jy d I Y*a gKQfPŴh  d□ċ
EKLz `RP$x7ꝑA#4I□R r Pa$p e2(1o\a K<8 K KP"S:PB
`{L@$&S!lh pWH w H□5y aD I z D %P&Mt h"
j&x q Y $B~ b H I Jx S iTKr W X1e pp
B轟@SЧG4 WK ɬ0c5H?QN LıF□
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I;=5M$ rtK p□`{8l8n S T/| ?_^Ɗ~ L□ʤkZ2q wm U
d5aT YK□*Oc `jS1 )>n7$$P)6dc
x` 4F{A0YRŧh _,S 3Z& E^T tA]0\z U3z1*
!4j□j0:>8L I,G22X 8
.8j1O$HF(e0SL E"□{-Ċف)i Ge@\c^`
I%L8o ɕh7e;%%,s|` PI GN<6f G ȝTF  &^
t'N""O ˇ ^29 zF□9Y.  %
S MYxx 6>YLN0A +K y´:"8k D e□~+a:gZ@
 
IQ"6 \v
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��X��E)�=L����$"tl����e��/���x>�Qj¦��G5JM������O�r��W��j���?�4□6�
V�����D>Z��
�?�ϖ>�B�o���1Vp�+8����I�?i�+���|��
��I�  ⌀#,OP'9����D�|�R$���Q"&d,,���I��*���m��QU Ƙk)N����)P�
���a{□�����d
⌀|⌀H+D8���At~⌀'⌀7g⌀fF��b⌀s⌀´⌀f����L⌀H���@⌀:Ē⌀.ʒ1��v��2⌀1R⌀3⌀1⌀3⌀Y⌀z2
K{��i��O6��"ッ⌀Ƙ���wf⌀E���j⌀yNu⌀uf���G⌀B⌀@���w⌀*m⌀h��D����z���%6S⌀a
HbEδ!⌀+Pz4��iK⌀6-FN^����Oc��□⌀#
@D4⌀`⌀VJ|x���'����y⌀⌀:d⌀⌀s⌀d1⌀⌀x⌀⌀i⌀E⌀7⌀R*⌀TB⌀-v���P
□Z⌀[⌀⌀c′ϒl⌀u⌀&!C⌀lU⌀⌀iU⌀9□⌀ʤoP|⌀
@⌀⌀BqI⌀|⌀⌀A<⌀D⌀⌀D⌀ ⌀⌀⌀⌀\?&⌀]i:%Y⌀⌀Lr⌀<⌀:b⌀ ⌀⌀⌀ ⌀*⌀⌀ 7⌀⌀⌀5W⌀.⌀⌀`⌀$[⌀
⌀WGY9⌀$⌀6⌀+h7<⌀⌀Ho]⌀⌀i⌀<⌀|⌀f⌀x⌀⌀⌀,SB⌀⌀^
⌀⌀$Cd|*⌀

⌀⌀⌀z⌀⌀=⌀⌀3□[^0}⌀H4_⌀.\⌀□⌀⌀.Z⌀⌀⌀EW⌀\\⌀x⌀⌀m⌀⌀Y⌀⌀⌀⌀⌀?|⌀s⌀⌀⌀⌀⌀!⌀|⌀⌀r⌀⌀
⌀⌀`⌀%⌀%⌀Yrelй=⌀N[⌀o⌀wK⌀

⌀⌀⌀□⌀⌀⌀W⌀w:0⌀⌀⌀⌀⌀v⌀tp⌀⌀⌀>w⌀⌀⌀⌀C⌀m8⌀⌀z⌀⌀zx⌀⌀w⌀?⌀⌀□#⌀⌀||⌀⌀Q⌀⌀⌀Gw
}⌀h⌀ç{⌀=u⌀⌀c_ky.⌀⌀!⌀ox⌀⌀⌀s_⌀□>|⌀□⌀/.x⌀îW^I⌀R□⌀t⌀⌀⌀^e{y⌀⌀;_~⌀⌀⌀W⌀⌀xe⌀+/⌀⌀⌀
+9⌀F_⌀⌀⌀W⌀y⌀⌀k⌀⌀f⌀⌀⌀⌀_k⌀/₩⌀kǿ>⌀W⌀⌀.j⌀q⌀⌀~⌀⌀Ũ/u⌀4⌀ŋK⌀^⌀⌀⌀□L⌀⌀⌀O^⌀⌀
⌀'?⌀|:⌀ä^⌀⌀g⌀

>[⌀⌀⌀e}⌀|⌀⌀'?⌀⌀y⌀e⌀⌀⌀.⌀⌀⌀⌀⌀_t⌀b□⌀x⌀_z⌀⌀⌀⌀⌀/⌀⌀W}⌀Z⌀⌀K_]⌀⌀⌀⌀⌀⌀W⌀⌀⌀W
⌀n⌀M⌀⌀⌀⌀⌀oK;⌀⌀
V⌀W⌀P⌀⌀L⌀⌀W⌀]⌀⌀⌀⌀U⌀⌀r⌀⌀⌀U⌀2o⌀\⌀y:⌀⌀⌀vU⌀W]U⌀_UkT⌀VmL⌀M⌀>⌀⌀⌀~{⌀'⌀⌀[⌀
&墰S⌀⌀5⌀⌀X\⌀\⌀⌀j⌀k⌀⌀⌀⌀⌀'5;⌀⌀[⌀⌀Z'j]⌀⌀S⌀_⌀⌀⌀Ψc⌀sG⌀ǰVYT⌀⌀⌀⌀⌀¸⌀□zK⌀⌀G⌀⌀
⌀C믭⌀⌀⌀5⌀j⌀⌀⌀G

⌀⌀ز⌀|hib⌀ZgY⌀X⌀⌀ᵬ⌀⌀⌀^P⌀

={⌀⌀!g⌀⌀}⌀앳⌀⌀Y⌀⌀⌀⌀>⌀⌀w⌀&⌀oax⌀ !UDA⌀@PE⌀⌀ Q⌀R+⌀⌀⌀⌀⌀□⌀XQ鑿⌀⌀⌀4B⌀5y⌀L
⌀⌀⌀⌀}□⌀⌀Zl3g⌀.g⌀⌀⌀>⌀⌀ih⌀B⌀y⌀W⌀⌀⌀⌀□⌀⌀⌀mz⌀⌀3/ffd⌀e⌀g9g⌀⌀⌀⌀"dg{dG⌀J6⌀$⌀
⌀s+⌀
~7⌀□wW⌀⌀z⌀O⌀K⌀⌀□□\⌀⌀k□Ox⌀⌀^/o]^P^F^{⌀~⌀s⌀⌀⌀⌀⌀|⌀f⌀⌀⌀A□⌀p⌀⌀⌀⌀EfEG⌀⌀

iU□⌀⌀M=M⌀⌀⌀⌀_6W5+⌀0Z⌀⌀⌀?Qz:⌀⌀⌀□O⌀⌀⌀>[nc⌀o}c⌀⌀4⌀h<⌀⌀⌀⌀⌀⌀C⌀⌀y⌀⌀⌀⌀b/⌀
_z⌀|⌀⌀t,#⌀hlll[⌀□⌀⌀⌀^⌀⌀gw*.1⌀⌀⌀z⌀k⌀⌀7_⌀⌀⌀⌀:⌀7u Zsx⌀{⌀⌀m⌀[
⌀⌀P
⌀,|V⌀X⌀S⌀⌀⌀rQ~⌀⌀⌀⌀>⌀|⌀⌀A⌀⌀Ă⌀⌀o?⌀|⌀⌀⌀⌀ƥ⌀□\<⌀xg⌀⌀⌀⌀⌀%sKv⌀\*I*i,⌀⌀⌀⌀⌀⌀
⌀%J-K⌀⌀+-)⌀+⌀)⌀-{S⌀U6⌀|I⌀{⌀⌀⌀rA⌀⌀/{⌀<⌀R⌀E⌀buE`EzEo⌀⌀⌀⌀_|⌀⌀⌀⌀W⌀⌀E⌀+⌀VVT⌀
⌀⌀ˀo1□⌀ѫVT⌀z^⌀\5⌀zcuHue⌀⌀ǔ⌀5⌀5⌀⌀j⌀□⌀Ek⌀⌀⌀⌀⌀□⌀PG⌀>⌀⌀⌀A⌀_}o⌀>]⌀z⌀7⌀,⌀U
⌀⌀y⌀⌀⌀⌀⌀%⌀\⌀7⌀5⌀4⌀⌀⌀⌀⌀ ⌀6⌀V⌀]⌀⌀W⌀⌀⌀ M⌀M>MqMMS⌀]⌀o67K⌀⌀⌀jy⌀R⌀Bo⌀⌀z
⌀n⌀6⌀6^[J⌀`ɾ⌀m⌀⌀□⌀⌀⌀X⌀q⌀⌀q□⌀N⌀N/;⌀;U⌀⌀v]⌀⌀⌀"w⌀⌀⌀⌀⌀⌀Ɔ⌀c⌀s⌀'⌀⌀⌀Ā⌀⌀{⌀
⌀S/⌀□σ⌀f_E⌀⌀~f⌀⌀⌀⌀~⌀⌀⌀⌀⌀|Z⌀⌀⌀lγ⌀ϯ?⌀x⌀⌀L;⌀9⌀/⌀YLE⌀⌀狙z⌀⌀⌀⌀⌀ϟ^l{q⌀E□⌀⌀
⌀ty⌀⌀X⌀⌀□⌀⌀b?Ē_⌀y⌀⌀U⌀8⌀-q7⌀1□⌀y⌀⌀u⌀k⌀⌀7{⌀⌀S⌀F⌀⌀[⌀⌀o_⌀m}⌀ψ⌀_/⌀`⌀⌀+⌀N§
⌀⌀⌀%6&⌀%⌀'⌀qXg

=yE⌀/⌀i⌀⌀LAR□⌀⌀h⌀⌀J
⌀⌀]w*⌀T(}⌀⌀⌀⌀⌀⌀⌀u_⌀*M+⌀T^⌀,⌀⌀⌀f⌀⌀⌀[跻obU⌀⌀vT□*⌀R⌀fTꞎ.⌀⌀⌀X□yZ⌀P;⌀¸⌀fm~⌀I
⌀e□⌀⌀uu&⌀}⌀}⌀ z⌀A⌀Pz⌀⌀[⌀_⌀⌀64⌀j⌀ḙ⌀⌀⌀⌀⌀⌀⌀Wn\⌀⌀k⌀nl4m⌀4=o⌀j⌀⌀⌀i~⌀⌀⌀<⌀e[
⌀⌀⌀-⌀Z⌀⌀⌀o⌀I⌀h⌀⌀⌀V⌀6⌀}e;Ƙ⌀⌀⌀⌀O⌀⌀⌀x□⌀|gQ⌀B⌀Y]⌀]=]⌀□⌀⌀u⌀⌀Y⌀s⌀⌀⌀G⌀⌀o
```
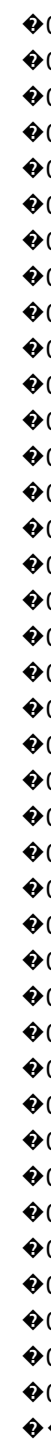

��zoF/□□�†/���oJ�k����~���7�E@�w�&m�~�8b#Q



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i7q``v9r`r*M*K*ÝF*D*R*"E,E6C*E2i³B7q&*ļ*&Ţ5
E*,#y3*_[E,
E`*(*(*H*-*(gM*G*n*<
□dS
d*s
*IA*ud*ω`>*I*o*U2*I)*Hy@)X*4/*(*q'*[&□
*d#Ėi*I*%*,{*A□□R*¦=\VP"*t*?NR*P(Fr*=*x}[C-ĭ;J*J*)N)($q*
})*I**8*IOaOQOI*E*%${ᵾ*/**

AS*p"a*b*{2*X □p*W*3
*&*d*n*6*$*]* i=up h*p(*_*ni4*1*[őV=[)p*B*({m8*
**H*Q*}8*
(+/e**P**u*tR*>*>*N**P*RA*S* Ʒ*&*
*ε*ZY*rKA!K.*ЬJT*2*SWrN*S*7$*
*r*sO~O*o*h*/**□*&\iX*t@leA*SJw:*-* *bW*q*4*4*H*%P*B1¸$6
*,*H***>C*N*G*I*2*2*½□*0X))*a-*{-$*`5r*@h*lX□*I*$*^*`-b+*
C*Ħ*/K*6*
l}^*YX*@!' *$A+*B*4XW*\3}*8xN*1.*^*t*.□*B*□*rf*p%{bk□
Ek*#6V*r*s*- *3*□*|
2h*z*AH*I)*1z|_*/*O*~* *X*A*O□*□k*)"*
!G*+y2i+SiN'*EhJ嬨*A*=2*?*□k*4h*R-*D*s*~ *@0*□@RNIX*w
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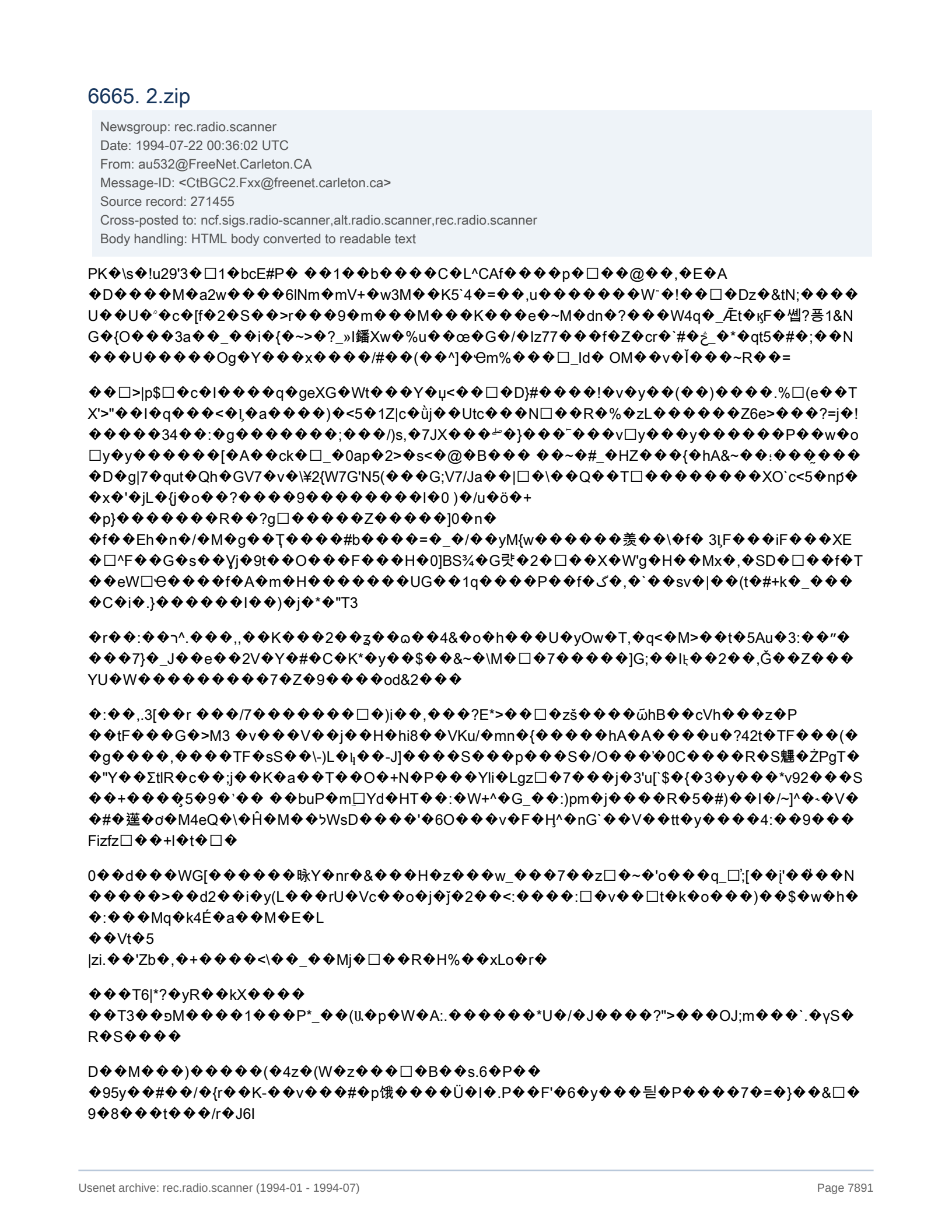
ъA %E}*Z*g*L*9|*6?)*wK*ќ*"
L5<*|*?*J*IĎ*ᵾ*\Q* * *6X*o/p+ L"UD*'Ҳo*r*$oie

6665. 2.zip

Newsgroup: rec.radio.scanner
Date: 1994-07-22 00:36:02 UTC
From: au532@FreeNet.Carleton.CA
Message-ID: <CtBGC2.Fxx@freenet.carleton.ca>
Source record: 271455
Cross-posted to: ncf.sigs.radio-scanner,alt.radio.scanner,rec.radio.scanner
Body handling: HTML body converted to readable text

PK  \s!u29'31bcE#P 1bCL^CAfp@,EA
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⊕3⊕"yUan"⊕K□%⊕d⊕)⊕)MXSH⊕⊕4e⊕D⊕7⊕P⊕X_L⊣⊕⊕!T⊕⊕C#⊕⊕⊕⊕⊕⊕r⊕'Y⊕⊕⊕$⊕⊕□N⊕⊕
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Xvs⊕P.ba⊕/f⊕⊕/k~B⊕⊕X⊕L+⊕⊕8⊕⊕U⊕;⊕L⊕⊕⊕^⊕⊕1⊕⊕r}⊕⊕?⊕NƠ4⊕⊕1□⊕⊕⊕⊕]⊕h⊕⊕qG⊕e
%9A+⊕⊕⊕HO
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⊕5a}⊕⊕⊕⊕~⊕⊕⊕⊕⊕f⊕⊕8>⊕w⊕D⊕%⊕"I9LsHq8⊕⊕⊕a9⊕⊕⊕⊕⊕Hs⊕⊕x⊕⊕?GJe?⊕%E⊕⊕⊕i⊕⊕)
⊕wN⊕!⊕[⊕⊕;□⊕pY⊕R⊕⊕⊕b⊕⊕□⊕U□⊕⊕V⊕⊕⊕f⊕⊕~□⊕]⊕⊕⊕c⊕⊕i⊕⊕⊕⊕n⊕⊕g<⊕y□⊕'^x!⊕
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_*⊕4⊕# 9 ?⊕!⊕U⊕I⊕⊕@⊕⊕⊕⊕5⊕⊕FAA⊕j⊕⊕Y□⊕⊕⊕$⊕\<⊕lf⊕⊕1!⊕B⊕⊕
Q⊕⊕. -}⊕⊕2⊕T□0⊕⊕⊕⊕⊕⊕⊕rS"⊕D⊕h⊕⊕⊕8⊕8⊕=R*
⊕u6⊕{>:%⊕D⊕⊕hϴ⊕⊕⊕⊕⊕⊕I⊕⊕،⊕s⊕?b q⊕q⊕⊕⊕ũ⊕⊕⊕w⊕□⊕⊕Jl⊕J⊕L⊕K0⊕⊕?k□⊕Y]⊕'V%⊕'
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⊕□⊕g⊕⊕⊕v⊕⊕I⊕⊕⊕ug?⊕⊕t⊕vnьi⊕s⊕⊕⊕G⊕⊕?⊕L5⊕:⊕⊕⊕⊕⊕Z⊕fF⊕⊕5j⊕j⊕⊕Ω⊕W⊕V⊕녴⊕/⊕
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K⊕g^⊕q⊕⊕志QW⊕⊕⊕r⊕□+諳⊕⊕⊕⊕⊕⊕5⊕⊕⊕.]⊕r□1⊕1⊕⊕⊕q⊕⊕z⊕⊕⊕⊕⊕_7⊕~c⊕⊕⊕⊕M⊕⊕⊕
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⊕5⊕⊕>⊕⊕⊕?⊕⊕⊕⊕⊕⊕5?⊕⊕⊕⊕s⊕⊕"⊕a⊕⊕⊕⊕⊕⊕~Y⊕⊕⊕⊕⊕⊕[⊕I⊕S⊕S=5A⊕E"U⊕⊕3
⊕Ь⊕.⊕1Z^⊕N2I⊕L□⊕⊕T⊕⊕U⊕⊕⊕⊕⊕Kwlk⊕⊕d6⊕⊕⊕⊕⊕⊕⊕e3e⊕□⊕ℬ⊕[%W)⊕ZN
⊕ъ⊕⊕e⊕I⊕f+*⊕(I(c⊕c⊕□⊕([⊕⊕⊕lS⊕⊕⊕M⊕D5H5[⊕N⊕⊕⊕$5⊕Z⊕⊕9⊕⊕jZ⊕⊕+⊕O⊕⊕RW⊕⊕⊕)⊕
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⊕⊕_F⊕~⊕⊕]⊕⊕⊕?A⊕⊕9ht⊕GŌ*uc⊕⊕QF⊕i⊕m⊕H⊕⊕⊕⊕=⊕⊕⊕⊕c%

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□◆◆◆◆◆v◆q◆w◆◆◆◆◆h◆◆◆◆◆◆◆◆◆◆)◆e◆◆◆u◆K◆jM◆◆n◆^◆P◆◆◆◆◆{x7{◆◆◆◆◆
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iCRm◆◆$켹◆*瀉g◆<7◆(◆-Yr>y~◆◆◆◆;◆+-◆]◆◆◆}◆◆B□◆ڰY◆hm'=Z$◆◆f◆◆◆◆,◆◆◆ %$%+◆2
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6666. Morse Code

Newsgroup: rec.radio.scanner
Date: 1994-07-22 01:06:34 UTC
From: pjacobs@netcom14.netcom.com
Message-ID: <PJACOBS.94Jul21180635@netcom14.netcom.com>
Source record: 271514
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Periodically, when I scan the police and fire frequencies around
460-480 MhZ, my scanner picks up brief transmissions in Morse Code.

Does anyone have any idea what these are? I'm in the SF Bay Area.

Thanks in advance,

Peter J.
pjacobs@netcom.com

6667. Re: GAY/LESBIAN/BISEXUAL HOBBYISTS - Let's END this shit!!!

Newsgroup: rec.radio.scanner
Date: 1994-07-22 01:32:38 UTC
From: steven@sgb.oau.org
Message-ID: <CtBIyF.Jt4@sgb.oau.org>
Source record: 271377

BenCa (benca@aol.com) wrote:
: In article <2vr992$9d7@northshore.ecosoft.com>, mc@northshore.ecosoft.com
: (Michael Crestohl) writes:

: Right put in back whare it belongs...NOT Here!

: SLAMM that door...and lockit

<< Swoosh! SLAM! CLICK! >> [Slamming door and locking it]

<< splash! flush! swoosh! >> [Flushing key down the toilet]

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6668. Re: Scanners by mail

Newsgroup: rec.radio.scanner
Date: 1994-07-22 02:07:26 UTC
From: steven@sgb.oau.org
Message-ID: <CtBKKF.K9J@sgb.oau.org>
Source record: 271378

scanlock@delphi.com wrote:
: Boycott the U.S. Dealers? They're just obeying the law when they have to
: sell you cell locked out radios. Congress gave you the law, after they were
: well paid by the cell phone companies. Why not direct your ire at them?

That is because the U.S. Dealers (including Radio Amateurs) did NOTHING to stop it. I have not seen anyone fighting this in court! I have the RIGHT to own, possess, and import if needed, an INTERNATIONAL receiver as I travel to other countries from time to time where full coverage is needed due to frequency allocations being different.

This "action" now REQUIRES that I import such equipment as I can no longer readily obtain it here.

I learned something about American Business -- it takes a loss of business to encourage a business to take action. Ie, if they show losses in sales, and they know its due to people NOT buying the U.S. scanners because they are junk (ie, NOT continuous, NOT international models), then they will band together to fight this thing.

I encourage everyone to refuse to purchase scanners which are not modifiable.

Now there are several ways in which exceptions could be made to this suggestion:

[1] U.S. Scanner Dealers indicate to manufacturers they have a problem -- sales are down. They show messages to support the fact its a boycott of U.S. made scanners due to the lack of "international" capability, not being full coverage.

As a response, the manufacturers include serial capability in their new models and a diskette which can be purchased AFTER the scanner has been FCC certified. The section dealing with easily modifiable suggested the addition or removal of component(s), and directly mentioned hardware in the description of readily modifiable.

This disk could have unlock code to add international capabilities to the scanner (ie FULL 800 mhz). This would get around the lousy law making this needed. Since it would be AFTER certification and the scanner as sold over the counter is NOT readily modifiable in hardware (ie needing the disk and computer, not part of the package as sold over the counter), this is a legal way around the law.

[2] U.S. Scanner Dealers indicate as above the problem, and the manufacturers obtain certification with the cell stuff locked

out in a CHIP (perhaps a simple gated chip, when present it is locked out). Possibly and AND gate, and when replaced with an OR gate, it would permit cellular. Sell the scanner as one item, the simple single CHIP for replacement as another.

This is not adding or removing a component, this is replacing a chip -- which could be done presently in most of the newer scanners, just by replacing the microprocessor. Note, the FCC is happy about that part, but it too should not be accepted as it could be fixed by removing the old cpu and adding a new cpu (ie adding and removing a component -- THE CPU!!).

Under this terminology -- NO scanner should be considered acceptable -- as any could be changed. I mean, all it takes is removal of parts specific to US model and replacing them with parts used in the international model. The law does not cover PARTS.

[3] Basically, we need to give the manufacturers reasons to bag the parts, put a sheet of instructions in (plans) and sell them along side the scanners. That is the point I am making.

[4] We need to show the manufacturers they need to fight this, they need to get together, get the best lawyers in the country and go to court. As in item one, I learned American Business needs to show a loss of business to see a need to take action. Showing the manufacturers that ONLY their international products are prospering will cause the U.S. Dealers to scream foul. That will interest them in taking action to REPEAL the law.

Personally, I could care less about it. I'll listen to cellular when I d*mn well please, I will import whatever, whenever I need to, and no one will stop me. The bottom line is if the U.S. Dealers and Manufacturers will not stand up and IGNORE the law, I will -- by going overseas and Canada for my scanners. I would like to invite others to do the same as well.

What I do NOT like about this is the d*mn taxes & duties!

When is the NORTH AMERICAN FREE TRADE AGREEMENT between Canada and the U.S. supposed to take place? It is my understanding it will remove duties on goods travelling between the two countries. This should also remove the requirement of goods going through customs as well (which means even if there were legal grounds to stop these scanners entering for reasons of possession instead of use as the law was worded), they would not be checked, so they could not be stopped.

If this NAFTA agreement is what its made out to be, everyone will order their new scanners UPS Red from Canada and pay nothing more than the current price at the Canadian Dollar plus the small fee for shipping it.

BTW, when all of you buy your scanners from Canada and Overseas,
use your MasterCard (Access) or VISA (BarclayCard) to pay for it,
as you will receive a better exchange rate -- just a tip of an
experienced importer (of personal items).

Show your middle finger out to the FCC/Government, REVOLT!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6669. Re: M-400 Multimode Decoder Output to Computer

Newsgroup: rec.radio.scanner
Date: 1994-07-22 02:18:13 UTC
From: steven@sgb.oau.org
Message-ID: <CtBL2E.KBz@sgb.oau.org>
Source record: 271379

Joseph Jesson (joe@netcom.com) wrote:

: The M400 is a great decoder for lots of digital formats and the
: price is reasonable. My problem is the NO UPGRADE policy for the M400!!
: If you are talking to Universal, or your favorite dealer, bitch about
: the lack of upgrades. The reason why I am upset is my M400 will decode
: 512bps POCSAG but not the newer 1200 and 2400 POCSAG and will not upgrade...

I spoke with the folks down by Sarasota that make the unit for
Universal. Here is what they told me:

[1] There is no upgrade available at the present time.

[2] The newer model has been available since January of this year.

[3] They will be releasing an upgrade package of replacement
EPROM(s) later this year to upgrade the older units. Cost
was not determined as of yet. I was told it would be better
to wait than sell old unit and buy a new one.

[4] There is a concern about memory and the LCD display. The
memory was increased (scroll region) on the newer units.
This was due to the higher speed of the data being lost too
quick. They indicated if it is used with a parallel to
serial converter and computer, it would not be an issue.

[5] Only the EPROM change would be needed to upgrade.

So. The question is, does anyone have a new version 2.0 unit and
a EPROM reader/programmer who could dump the contents of the chip
into a file, make a text file with the chip type/number needed and
ship me the hex file and text via e-mail?

If some kind soul wishes to do this, I will report back the findings
of the new firmware in an older unit.

If the hex file is larger than 50K, please split it into parts and
do not forget to number them in the subject field (someone once
did this with some other code and forgot that vital part! All
hex characters look the same!)

Thanks much in advance for anyone who's willing to do this.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------

CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6670. Re: Exactly where are cellular frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-22 02:33:11 UTC
From: rdsnyder@ATHENA.MIT.EDU
Message-ID: <30nb57$52n@senator-bedfellow.MIT.EDU>
Source record: 271515

A company called NexTel bought up huge numbers of SMRS licenses to construct a hybrid trunked landmobile/cellular network. I got a chance to play with their transceivers while helping the Red Cross in the aftermath of the L.A. earthquake. Very Cool. They look like cellular or trunked landmobile sets, but have 3 buttons to select the mode. The first mode is a generally-broadcast repeater-style landmobile mode. A message is transmitted to all of an organization's units. In the second mode, which is a point-to-point landmobile mode, communications are directed only to a specific unit, allowing long-winded messages without tying up all stations. The third mode works just like a cellular telephone.

The person who wonders what cellular-like communications they are hearing on their new 37 CFR 15.121 compliant scanner at 865 MHz may be hearing these pseudo-cellular calls on SMRS channels. Alternatively, they may just be hearing intermod or mixing of real cell calls with other signals, either internally or externally generated.

73,

-Ross, N0GSZ

6671. Re: Nuts & Volts mag

Newsgroup: rec.radio.scanner
Date: 1994-07-22 02:44:43 UTC
From: dayglo@mindvox.phantom.com
Message-ID: <95FuPc3w165w@mindvox.phantom.com>
Source record: 271519
Cross-posted to: alt.radio.scanner,rec.radio.scanner,alt.2600

> : >Is the Nuts & Volts mag worth the subscription price?
>
YES! YES ! YES !

I must say that I caught up with them at a Hamfest. They were offering
special of $10 for one year + one free AD.
>
> I would have agreed, until they refused to accept my advertisement.
> --

This is a terrible shame Glen for they have a special section for Security/
Surveillance where you would have fit in perfictly. I hate to hear this sort
of stuff but they also shut aut Mark Ludwig at American Eagle Publications.

6672. Re: Morse Code

Newsgroup: rec.radio.scanner
Date: 1994-07-22 02:51:56 UTC
From: lgenco@crl.com
Message-ID: <30nc8c$1fm@nntp.crl.com>
Source record: 271517
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Peter Jacobs (pjacobs@netcom14.netcom.com) wrote:
: Periodically, when I scan the police and fire frequencies around
: 460-480 MhZ, my scanner picks up brief transmissions in Morse Code.

They are probably the station IDs (call signs).

Lou

6673. Re: BC100XLT MODS?

Newsgroup: rec.radio.scanner
Date: 1994-07-22 03:01:43 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <30ncqn$c5v@lambada.oit.unc.edu>
Source record: 271516
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <3094km$fsm@search01.news.aol.com>,
Will OC1 <willoc1@aol.com> wrote:
> Hi there, just wondering if anyone could post some info regarding mods
>to BC100XLT's. Thanks for your input.
>
>Will O'Connor
>Will OC1@aol.com
>

Ftp to 141.210.10.117 (oak.oakland.edu) and cd to
pub/hamradio/mods/uniden/bearcat and get the file bc100all.mod which is
(as far as I am aware of) a complete listing and description of mods
available for the Bearcat 100XLT. Any additions to this list may be
mailed to me, and I'll update my mod file there.

Sherrod

--
-- --
Launchpad is an experimental internet BBS. The views of its users do not
necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
-- --

6674. keypad restore for pro46?

Newsgroup: rec.radio.scanner
Date: 1994-07-22 03:15:14 UTC
From: frankjm@sd2.af.mil
Message-ID: <1994Jul22.031514.29830@afit.af.mil>
Source record: 271375

a week or two back someone posted a letter stating how
you could possibly restore the cellular range for the pro46.

I forgot to save it and wondered if it could be reposted.

Thanks,
JF

6675. Re: Repeater Freq for Shuttle Chatter?

Newsgroup: rec.radio.scanner
Date: 1994-07-22 03:22:14 UTC
From: Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
Message-ID: <774865275@f747.n115.z1>
Source record: 271397

-=> Quoting Mike Carpenter to All <=-

MC> I live in the chicago area and have found the NASA rebroadcast on
MC> 145.35
MC> This seems to be more info about what is happening, but there has been
MC> some shuttle audio there
MC>

Mike...Well, the freq is the correct one. I know there isn't too much
shuttle traffic at times, but they are there. Neat to listen to.

Jerry

6676. Re: Police & Medical Helo's

Newsgroup: rec.radio.scanner
Date: 1994-07-22 03:32:20 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <30nek4$gqm@lambada.oit.unc.edu>
Source record: 271518

Here in Virginia (both Eastern Tidewater and Western Roanoke Valley area), the med helos have digitally programmable radios. The helo can xmit/recv on just about any freq in the VHFlo or VHFhi band, which is where most of the comms take place around here. This lets the helo fly into the next county over and still communicate with not only its home base but also with any department on the ground in the LZ.

Sherrod

--
-- --
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6677. Re: New AOR AR-8000

Newsgroup: rec.radio.scanner
Date: 1994-07-22 03:38:08 UTC
From: Reid.G
Message-ID: <Reid.G-210794193808@17.127.11.204>
Source record: 271403

The lastest issue of Popular Communications (aug 94) a company names EEB has a description and vague photo of this new scanner. I've been following the news requarding this un-released scanner, it sounds exciting. Many new features are suppose to be included. Multi-line Alphanumeric Dot Matrix LCD display. Display will indicate all the usual info, but also near frequency band usage, alpha tags for memories, signal strength, etc

E-mail me if you want more info or to be put on the CC: list at Reid.G@Applelink.Apple.Com or RotnApple@AOL.COM

6678. Re: Freedom of Information Act?

Newsgroup: rec.radio.scanner
Date: 1994-07-22 03:40:57 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <30nf49$i76@lambada.oit.unc.edu>
Source record: 271520

In article <kjnCt3FFw.Cts@netcom.com>, Ken Navarre <kjn@netcom.com> wrote:
>Anyone out here had any experience with invoking provisions of the
>Freedom of Information Act to obtain frequencies from a federal agency
>that is stonewalling? We know the location of the document in question
>and the person charged with its maintenance.
>
>The agency is not involved in classified research nor law enforcement but
>rather scientific research for the public domain. The individual who
>maintains the file has expressed concern that the frequencies might become
>published and could lead to vandalism of equipment installed at remote
>locations. The exact locations of the sites are already in the public domain
>and vandalism has not been a problem.
>
>Any information would be appreciated.
>Thanks!
><KEN>
>--
>kjn@netcom.com (Ken Navarre)

I posted a similar request a few months back for personal experience of using the FOIA to get freqs from a state agency (the cops in my case), but got mainly suggestions of why they wouldn't want to disclose the freq. info.

I'll reiterate and ask again, as Ken has above, has anyone actually had experience and/or success in wielding the FOIA to get freq. info? I'm sure the netters in general would be appreciative if you could shed some light/suggestions on the subject.

Also, in a post by Glen Roberts, he mentions quoting the code sections et. al, which is a good place to start: does anyone have the FOIA acrhived somewhere in their computer files that they could post?

Sherrod

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-- --
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6679. Re: ANY AND ALL FREQ. FOR BAY AREA

Newsgroup: rec.radio.scanner
Date: 1994-07-22 03:44:04 UTC
From: Reid.G
Message-ID: <Reid.G-210794194404@17.127.11.204>
Source record: 271405

Hi-

If you haven't already check into the B.A.S.E. Club (Bay Area Scanner Enthusiast) the even run their own BBS.

In article <2vllka$p06@nkosi.well.com>, warfrat@well.sf.ca.us (Gordon Taylor) wrote:

>
>
> Am looking for hard to find scanner frequencies for the Bay area of San
> Francisco. I would like any info I can get.
>
> Prefer that you E-mail but I will also check for replies here.
>
> Thanks! warfrat@well.sf.ca

6680. Re: sam's/walmart freq's

Newsgroup: rec.radio.scanner
Date: 1994-07-22 03:47:21 UTC
From: Zel Eaton <AD04@ACADEMIC.NEMOSTATE.EDU>
Message-ID: <21JUL94.23532436.0140@ACADEMIC.NEMOSTATE.EDU>
Source record: 271380

In Kirksville, MO 154.600 will give you the WalMart Freq. Also the
County Farms store (the only one in Walton land I understand)
:)
zel eaton
In article <30a103$ls7@search01.news.aol.com> subcontrol@aol.com (SubControl) writes:
>In article <saay0636.63.2E282344@wtamu-pclab.wtamu.edu>,
>saay0636@wtamu-pclab.wtamu.edu (Sami A. Yousif) writes:
>
>>>running around with those radios and am wondering if there was anything
>??interesting to hear on those.
>
>My guess is a 3 meter itinerant frequency that they haven't bothered to
>license.
>
>Jeff
>
>.
>.

~~~~~~
Zel Eaton---Assistant Dean of Student Affairs/Judicial Officer
PO BOX 828--120 MO HALL--NORTHEAST MISSOURI STATE U.--KV. MO
816.785.4141--AD04@NEMOMUS.BITNET--AD04%NEMOMUS@ACADEMIC.NEMOSTATE.EDU
MEMBER RCMA MO-048---CAF COL# 12855--PAST MEMBER BOARD OF DIR.
SHARKKHUNTERS INTERNATIONAL <<me, i speak only for myself>>
~~~~~~

6681. Great Smoky Mountains National Park Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-22 03:49:59 UTC
From: schuh@zeno
Message-ID: <30nfl7$i8u@balsam.unca.edu>
Source record: 271523

Currently there is a young boy (~10-12 years of age is my guess) lost
in the Great Smoky Mountains National Park. His family was visiting
Clingman's Dome on the border of NC and TN when he was discovered to
be missing. Does anyone have any frequencies for the GSMNP? (OTHER than
those listed in Police Call?) It's been about three days that the
boy has been missing and tonight I heard on the news that they are
planning on utilizing an Army Helicopter with IR (or was it UV?) search
capability to search through the night. Anyone know what frequencies
I should search with my PRO-4006?

TIA,
Paul

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu

6682. Re: Scanner w/ Alpha-numeric display?

Newsgroup: rec.radio.scanner
Date: 1994-07-22 03:51:51 UTC
From: Reid.G
Message-ID: <Reid.G-210794195151@17.127.11.204>
Source record: 271404

See the new unreleased AR8000, in the manufacturers spec sheet it states it will have a four line dot matrix display that you can put a name along with the frequency.

In article <brett_miller.377.000D5E94@ccm.hf.intel.com>, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) wrote:

> In article <773865208@f747.n115.z1> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org> writes:
>
>
>
> >anyone that I know of. No word on a replacement for this unit as of yet
> >from Uniden.
>
> The BC8500 will be replaced by the BC9000 and the BC2500 will be replaced by
> the BC3000. I think these units are due out later this year.
>
>
> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
> Intel Corp.
> American Fork, UT

6683. Re: Morse Code

Newsgroup: rec.radio.scanner
Date: 1994-07-22 03:55:33 UTC
From: schuh@zeno
Message-ID: <30nfvl$i8u@balsam.unca.edu>
Source record: 271522
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Peter Jacobs (pjacobs@netcom14.netcom.com) once wrote:
: Periodically, when I scan the police and fire frequencies around
: 460-480 MhZ, my scanner picks up brief transmissions in Morse Code.
: Does anyone have any idea what these are? I'm in the SF Bay Area.

My guess is that the morse code is the repeaters identifying themselves.

I believe that it is an FCC requirement that all repeater stations
periodically identify themselves. If you listen to ham-band repeaters,
occasionally you'll hear a digitized, pre-recorded, or computer-synthesized
voice identify the repeater station. Something along the lines of:
"This is WX72G, repeater" (I made the call sign up)

Guessing,
Paul

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu

6684. Bearcat Charging Circuit

Newsgroup: rec.radio.scanner
Date: 1994-07-22 04:07:59 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <30ngmv$l74@lambada.oit.unc.edu>
Source record: 271521
Cross-posted to: rec.radio.scanner,alt.radio.scanner

The local Roses store is going out of business, and everything in the store is at least 50% off. I finally bought some battery packs for cordless phones, rated at 500mAh and 3.6V each. I soldered two packs in series, so I now have a single 7.2V 500mAh pack, with which I would like to run my Uniden BC100XLT when the main battery runs down (such as in extended power outages, etc).

The main (original) battery pack is rated for 600mAh, 7.2 volts. My question is, Will the current supplied by the new pack be sufficient to run the scanner without any problems? I realize, that because it's only rated for 500mAh, that its life will be notably shorter, but ought to still provide several hours worth of scanner usage.

Should I go ahead and invest in more of these packs? They still have a bunch (anybody interested in buying some?), and total cost for the 6 cells is something around 11.00, much cheaper than the Uniden battery pack cost. If I can duplicate the charger circuit, then I'd like to keep a supply of backup battery packs for outages, etc.

Here's the real focus of my post (since I already have some pretty good ideas on the possibilities and methods for doing the above): Is anyone familiar with the L4810CV 3-pin TO-220 package IC? In the schematic, they show the input voltage from the charger to be 13.8V, and the output pin to be 10.0V. Is this critter a simple, easily substituted 10 volt regulator? If so, then the rest of the circuit is easily reproduceable (no overcurrent limiting, etc: It seems to be a simple noise- and reverse polarity-protected circuit designed to both power the scanner and charge the batteries).

If it's not a simple voltage regulator, but in fact does have current-limiting etc. built in, then would it damage it to switch the original pack out and the new pack in its place? Or possibly to connect both packs up to the charger at once?

I can provide further details about the charging circuit if needed.

Sherrod

--
-- --
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-- --

6685. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-22 06:18:17 UTC
From: af546@yfn.ysu.edu
Message-ID: <30nob9$31s@news.ysu.edu>
Source record: 271376

Yea....lighten up on it......Do you realize that this stunt probably has
been tried on at least half of all fast food resturaunts in urban America.

Its happened quite a few times in Cincinnati especially with White Castle
using low power GMRS radios.

Besides putting McD's on 154.570 and 154.600 and expect them to share it
with all those hand helds that are sold over the counter is ludicrous antyway
--

6686. Calender of Ham/Communication show in S. Cal.

Newsgroup: rec.radio.scanner
Date: 1994-07-22 07:02:50 UTC
From: kcliao@UCI.EDU
Message-ID: <Pine.3.89.9407212326.A12613-0100000@e4e.oac.uci.edu>
Source record: 271381

Anyone knows the calender or schedule on the Ham Radio or Radio Communication show/expo in Southern California in 1994-5, Please let me know...

Thanks a lot

KC Liao

6687. Need help with starter scanner!

Newsgroup: rec.radio.scanner
Date: 1994-07-22 08:23:00 UTC
From: Richard Ingels <ringelsak@igc.apc.org>
Message-ID: <2092900003@cdp>
Source record: 271383

I have never owned a scanner, but would like to. I don't want to spend a lot of money, but would like to be able to hear police, and cordless phones. I live in a small commmunity (about 5,000). Can anyone give me a recommendation for a starter scanner? How much would it cost to add 800 capability? Also is it illegal to listen in on cellular phones? Are scanners sold that do this?

6688. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-22 11:05:58 UTC
From: cjs9@cornell.edu
Message-ID: <cjs9.100.000B19D6@cornell.edu>
Source record: 271396

>Exactly. There is nothing to involve the FCC, since you are not transmitting,
>or receiving illegal frequencies.

>They are not creating any interfering signal - that is what you cannot
>seem to grasp, even though you have been told several times.

Read up butthead! If their feedback is retransmitted by McD's radio then
they, the creator of the harmfull interference, are indeed creating an
interfering signal and are legally are liable for the consequences.
Carl (EX-Jarhead)
"To those who have fought for it, freedom has a flavor the
protected will never know"

SSS EEE MM MM PPP EEE RRR FFF III
S E M M M P P E R R F I
SSS EE M M P P EE R R FF I
S E M M P E R R F I
SSS EEE M M P EEE R R F III

6689. Re: Subcarriers

Newsgroup: rec.radio.scanner
Date: 1994-07-22 11:13:39 UTC
From: joe@netcom.com
Message-ID: <joeCtC9ur.Mnv@netcom.com>
Source record: 271384

Yes, in our area we have multiple real-time stock and newsfeeds
digitally encoded on subcarriers.

Some are FSK, others ASK, all tough to decode....

--Joe

--

Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046

6690. Sam's/walmart Freq's

Newsgroup: rec.radio.scanner
Date: 1994-07-22 11:45:00 UTC
From: marc.mosher@woodybbs.com
Message-ID: <93.337.7592.0NFB2C31@woodybbs.com>
Source record: 271426

SAY>Can anyone tell me the freqs used by the sams or walmart stores. I see them

Here's what I have for them. Believe me, they don't say too much of interest!

151.625 * Wal-Mart nationwide or Sam's Club nationwide Business/Misc
154.570 + Wal-Mart (local) Business/Misc
464.9625 Wal-Mart (Some areas) Business/Misc
467.750 Wal-Mart (some areas) Business/Misc
467.750 * Wal-Mart or Sam's Club nationwide Business/Misc
467.7625 Wal-Mart (some areas) Business/Misc
467.7625 * Wal-Mart or Sam's Club nationwide Business/Misc
467.775 * Wal-Mart or Sam's Club nationwide Business/Misc
467.800 Wal-Mart (some areas) Business/Misc
467.800 * Wal-Mart or Sam's Club nationwide Business/Misc
467.825 Wal-Mart (Some areas) Business/Misc
467.825 * Wal-Mart or Sam's Club nationwide Business/Misc
467.850 Wal-Mart (some areas) Business/Misc
467.850 * Wal-Mart or Sam's Club nationwide Business/Misc
467.875 Wal-Mart (Some areas) Business/Misc
467.875 * Wal-Mart or Sam's Club nationwide Business/Misc
467.900 Wal-Mart (Some areas) Business/Misc
467.900 * Wal-Mart or Sam's Club nationwide Business/Misc

* FOX * 1.2 * Success often comes from not knowing your limitations.

---
* Origin: Dots-N-Dashes BBS Philadelphia, NY 315-642-1220 (1:2608/220)

6691. Re: FTP sites

Newsgroup: rec.radio.scanner
Date: 1994-07-22 11:52:26 UTC
From: w.mccall@csi.compuserve.com
Message-ID: <30obtq$iea@mhaal.inhouse.compuserve.com>
Source record: 271385
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <CtAJMt.IDF@sun2.iusb.indiana.edu> dbarkley@sun1.iusb.indiana.edu (DAVID BARKLEY) writes:
>I've connected to ftp.catt.ncsu.edu, oak.oakland.edu. I picked up a couple
>files that I can't seem to unpack. For instance, I downloaded a pro43.mod
>file that I can't figure out.

Dave,
I downloaded the same file from the same place. I believe it is
just a straight ascii file that can be TYPEd out. However, when I
got it, I read it directly into Microsoft Word.

Bill

6692. Re: Desolder-free cell mod for the Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-07-22 12:27:28 UTC
From: tfoecke@nist.gov
Message-ID: <tfoecke-2207940827280001@steel.nist.gov>
Source record: 271386
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> : : I was somewhat intimidated with the Pro43 mod as presented in all of the
> : : postings I have found (not wanting to fry the board, etc) so I took the
> : : advice of someone on the net (sorry, I don't remember who, but
thanks!) and
> : : went after the D4 diode without desoldering the unit. I bent up the left
> : : contact for the battery pack to get it out of the way and tilted the unit
> : : bottom up at about an 80 degree angle under a binocular microscope,
and was
> : : able to see the row of diodes. It was easy to distinguish the D4
one, and I
> : : used a whittling knife to carefully scrape the solder off the top of the
> : : contact for the diode, wedged the knife under D4 and pried it up
clear of the
> : : board. Works great!
>
> : : Yeah, I don't get 51-88 Mhz, but I already have a TV . . .
>
> : I recommended disassembly far enough to get to the diode with a pair of
> : side-cutters, and crushing the little booger. This is after I did it the
> : hard way. Now I've got a hand-held TV! Well, kind of...sounds like
crap(NFM).

> Tim:
> I'm interested on some details on how you messed up your rig.
> I am about to do the mods on my unit and do NOT want to render
> it useless. I have ordered the Service Manual and have read all
> the FTP sections. Did you follow any particular one?

No manuals. I just popped off the back, and from reading the description of
the mods I downloaded from somewhere I figured that the row of diodes must
be fairly close to the bottom edge of the third board, so I checked to see
if they
are reachable. It took a bit of patience and a decent microscope to see
in, but the
location of the diodes was easy to see and a thin knife (ala X-acto) could reach
the solder points.

6693. Re: Difference between Scanner and CB?

Newsgroup: rec.radio.scanner
Date: 1994-07-22 12:30:02 UTC
From: subcontrol@aol.com
Message-ID: <30oe4a$90@search01.news.aol.com>
Source record: 271387

In article <30jv45$olu@sundog.tiac.net>, rblaine@max.tiac.net (Russ Blaine) writes:
>>2-way and a scanner is receive-only. But what about the channels? CBs
>>only have 40 channels (integers 1-40) but scanners have unlimited
>>channels (i.e. 248.836Mhz)? What are the frequencies of the 40 channels
>>of a CB radio? (What is the relationship between a CB's channels and a
>Scanner's channels?) Why isn't there a "2-way scanner" type device? (I.e.

>>one that broadcasts on something like 548.384Mhz instead of channel 33 or
>>channel 28)
>>Russ:

Remember that radio takes on many different shapes and forms. For example FM, AM, PM, A1A(Morse Code). A CB radio operates in the 28Mhz range on preselected CHANNELS. Channels are Numbered 1,2,3,4, etc for a purpose. The frequency looks like this:28.795Mhz.

You have to program a scanner and tell it what frequencies to put in each of it's channels. Most scanners operate in an FM recieve mode. Your local police dept. cordless phones, mcdonalds, etc.... all operate (with few exceptions) on higher FM frequencies (153.555 or 453.825 or 853.38) Notice that these freq.'s are much higher than CB.

Jeff, KE4AUT

P.S. They do make radio's that transmit on these frequencies(I have several). If any of this interests you, send mail to HQARRL@aol.com., and ask for a ham radio introductory package.

6694. Re: FTP sites

Newsgroup: rec.radio.scanner
Date: 1994-07-22 13:17:49 UTC
From: dbarkley@sun1.iusb.indiana.edu
Message-ID: <CtCFLq.5yD@sun2.iusb.indiana.edu>
Source record: 271393
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:
>
>>I've connected to ftp.catt.ncsu.edu, oak.oakland.edu. I picked up a couple
>>files that I can't seem to unpack. For instance, I downloaded a pro43.mod
>>file that I can't figure out. I'm using a 486/33 and am sure the answer is an
>>easy one. Could someone enlighten me and help me evolve into the next stage
>>of Internet user? :)
>
>Verify that you type: binary before the download. The file will be
>garbage if it is anything other than a text file.

Thanks for the reply Brett. I've made sure to initiate binary mode. I've
tried reading them but they appear as garbage. Unzipping doesn't seem to work
either.

Dave Barkley...

6695. Re: keypad restore for pro46?

Newsgroup: rec.radio.scanner
Date: 1994-07-22 13:26:21 UTC
From: pdennis@vnet.ibm.com
Message-ID: <19940722.092621.486@vnet.ibm.com>
Source record: 271388

In article <1994Jul22.031514.29830@afit.af.mil>,
on Fri, 22 Jul 1994 03:15:14 GMT,
JAMES M. FRANK <frankjm@sd2.af.mil> writes:
>a week or two back someone posted a letter stating how
>you could possibly restore the cellular range for the pro46.
>

Okay, here goes.....

NOTE: THIS WILL WIPE OUT ALL STORED FREQUENCIES ON YOUR SCANNER!

Hold down the 2, 9 and L/O (lockout) keys as you power up
your scanner. This will load a set of test frequencies into
channels 1-25. Channel 23 in in the cellular range. Store this
frequency in one of the monitor banks channels and re-program
your old frequencies. Use the frequency stored in the monitor
bank to manually scan up and down through the cellular band,
and store some of the "hits" into your regular channels.

If none of this makes sense, email me and I'll try and explain
it better.

****
Thanks to the Interstate Highway System, it is now possible
*to travel across the country from coast to coast without *
*seeing anything. --Charles Kuralt `-_-' *
* 'U` *
*ALL STANDARD DISCLAIMERS APPLY, Next time, *
*PDENNIS@VNET.IBM.COM A.K.A. PHIL DENNIS take the train! *
****

6696. Re: Police & Medical Helo's

Newsgroup: rec.radio.scanner
Date: 1994-07-22 13:50:36 UTC
From: daiv@iglou.iglou.com
Message-ID: <1994Jul22.135036.28139@iglou.com>
Source record: 271389

Sherrod.Munday@launchpad.unc.edu (Sherrod Munday) writes:

>Here in Virginia (both Eastern Tidewater and Western Roanoke Valley area),
>the med helos have digitally programmable radios. The helo can xmit/recv
>on just about any freq in the VHFlo or VHFhi band, which is where most of
>the comms take place around here. This lets the helo fly into the next
>county over and still communicate with not only its home base but also
>with any department on the ground in the LZ.
>Sherrod

In Louisville, KY the Stat Flight helicopter and I would assume the
Sky Care copter also use programmable radios, and the dispatcher always
gives them a freq and a ground contact while they are inroute.

>--
>-- --
>Launchpad is an experimental internet BBS. The views of its users do not
>necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
>-- --
--

Daiv Stoner | My computer is so human, when it makes a
daiv@iglou.com | mistake it blames it on another computer.

6697. Re: Morse Code

Newsgroup: rec.radio.scanner
Date: 1994-07-22 14:17:36 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jul22.091736.2677@hnrc.tufts.edu>
Source record: 271390

In article <30nfvl$i8u@balsam.unca.edu>, schuh@zeno (Paul Schuh) writes:
> Peter Jacobs (pjacobs@netcom14.netcom.com) once wrote:
> : Periodically, when I scan the police and fire frequencies around
> : 460-480 MhZ, my scanner picks up brief transmissions in Morse Code.
> : Does anyone have any idea what these are? I'm in the SF Bay Area.
>
> My guess is that the morse code is the repeaters identifying themselves.
>
> I believe that it is an FCC requirement that all repeater stations
> periodically identify themselves. If you listen to ham-band repeaters,
> occasionally you'll hear a digitized, pre-recorded, or computer-synthesized
> voice identify the repeater station.

Yup. The CW meets the legal requirement of identifying station *and*
isn't likely to get confused with a voice transmission.

6698. Trunking FAQ?

Newsgroup: rec.radio.scanner
Date: 1994-07-22 14:29:16 UTC
From: nstrauss@netmare.corp.sgi.com
Message-ID: <CtCIwt.LyE@odin.corp.sgi.com>
Source record: 271391

I've been enjoying this debate about the uses/merits
of trunked comm systems.

Just wondering if any one out there has composed a faq on
trunking, how it works, info on the different systems. I
guess I'm after something a little more technical and perhaps
system specific to GE, Motorola, etc. systems.

Dunno, any thing like this out there?

--Nick

--

____
\ \ _ ______ |
\ NICHOLAS STRAUSS \ / ___-=O`/|O`/__|
\ Silicon Graphics-Network Operations _______\ / | /)
/ nstrauss@netmare.corp.sgi.com / `/-==__ _/__|/__=-|
/ pilot@leland.stanford.edu / * \ | |
/_____________________________________/ (o)

"What, are you kidding?? We're on a spaceship! This place is *crawling*
with toothpicks!" -- the silly quote

"Who dares, wins." -- the serious quote

6699. Re: Scanners by mail

Newsgroup: rec.radio.scanner
Date: 1994-07-22 14:30:52 UTC
From: domonkos@access.digex.net
Message-ID: <MXyBkiubGgVC066yn@access.digex.net>
Source record: 271392

In article <CtBKKF.K9J@sgb.oau.org>, Steven Bradley wrote:
>
> When is the NORTH AMERICAN FREE TRADE AGREEMENT between Canada and
> the U.S. supposed to take place? It is my understanding it will
> remove duties on goods travelling between the two countries. This
> should also remove the requirement of goods going through customs
> as well (which means even if there were legal grounds to stop these
> scanners entering for reasons of possession instead of use as the
> law was worded), they would not be checked, so they could not be
> stopped.
>
> If this NAFTA agreement is what its made out to be, everyone will
> order their new scanners UPS Red from Canada and pay nothing more
> than the current price at the Canadian Dollar plus the small fee
> for shipping it.
>
> BTW, when all of you buy your scanners from Canada and Overseas,
> use your MasterCard (Access) or VISA (BarclayCard) to pay for it,
> as you will receive a better exchange rate -- just a tip of an
> experienced importer (of personal items).
>
> Show your middle finger out to the FCC/Government, REVOLT!
>
> Steven
> ---
> Internet: steven@sgb.oau.org | Steven G. Bradley
> steven@gate.net | Forest City, Florida
> steven@transquest.oe.fau.edu |-----------------------
> CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
> America Online: sgbradley@aol.com | Modem: 407/862-8088

Steve,

NAFTA already in place, the increasing un-employment figures in the
manufacturing sector verify NAFTA's 'success'. There are many loopholes
that NAFTA can work into. The same regulations that apply to
US made products apparently don't apply to these imported items if the
NAFTA countries claim they do (ie; if Mexico says product complies to
supposed standards and they don't, US has no authority to prevent import).
I won't get into the one sided politics of the agreement, if you're
interested you can ftp the NAFTA agreement using WAIS.

BTW, have you any phone numbers of Canadian dealers that will ship to the US?
Share them with those interested, please. ITMT, I'll use my converter
I bought a few months before the communist law went into effect with any

new scanner I purchase.

Before any of you high and mighty self righteous folks flame me, why hasn't the FCC come down on manufacturers or dealers that sell radio transceivers that can be modified to transmit any where in the RF spectrum? Certainly this is more severe than harmless cellular receiving?

Oh, BTW, the US security agencies still can aquire continuous coverage receivers to monitor YOUR cellular phone calls. Nothing like the government saying 'do as I say and not as I do'...

Andy

6700. CHP<->Police Conversation

Newsgroup: rec.radio.scanner
Date: 1994-07-22 15:58:58 UTC
From: calley@optilink.dsccc.com
Message-ID: <CtCn2A.HML@optilink.com>
Source record: 271398

I heard an interesting conversation this morning while listening to my trusty PRO-34. I was monitoring the local CHP frequencies (Golden Gate) along with the local sheriff's dept. frequencies. At one point, I could hear both sides of conversation where one end was a sheriff deputy in the field, and the other end was, I believe, CHP dispatch. Apparantely the CHP had stopped a vehicle that had been reported stolen to the sheriff's dept. They were trying to verify the vehicle and the driver. The strange part was hearing one part of the conversation on a sheriff frequency and the other half on a CHP frequency.

--
Christopher A. Calley - all opinions are my own... etc.
internet: calley@optilink.dsccc.com

6701. Re: Repeater Freq for Shuttle Chatter?

Newsgroup: rec.radio.scanner
Date: 1994-07-22 16:13:47 UTC
From: finster@zeus.fasttax.com
Message-ID: <finster.16.0108C029@zeus.fasttax.com>
Source record: 271408

In article <mcarp.4kg4@bbs.xnet.com> mcarp@bbs.xnet.com (Mike Carpenter) writes:
>From: mcarp@bbs.xnet.com (Mike Carpenter)
>Subject: Re: Repeater Freq for Shuttle Chatter?
>Date: 19 Jul 94 22:19:57 CST

>I live in the chicago area and have found the NASA rebroadcast on 145.35

>This seems to be more info about what is happening, but there has been some
>shuttle audio there

>If anyone has any others in this area let me know

>mike
>mcarp@rims.com

I've been hearing mission audio on 445.000 for the last few days.... I'm in
Dallas, Tx. I have no idea what repeater is doing it, I never hear a station
ID. FYI, because you asked.

-- Dave

finster@fasttax.com

6702. Re: Yes, you CAN receive 500-512+ Mhz on your Yaesu FT-530 !

Newsgroup: rec.radio.scanner
Date: 1994-07-22 17:09:12 UTC
From: leber@panther.warm.inmet.com
Message-ID: <CtCqBD.2Kx@inmet.camb.inmet.com>
Source record: 271399
Cross-posted to: rec.radio.amateur.equipment,rec.radio.scanner

In article <srhoadesCt9rFv.C8z@netcom.com>,
Steve L. Rhoades <srhoades@netcom.com> wrote:
>So here I was the other just sitting, minding my own business, when I
>discovered the following trick to receive 500-512+ Mhz on the FT-530.
.
.
.
>Some purists might be saying, "just because it displays a certain freq.
>doesn't mean it actually receives it...". Granted, the sensitivity isn't
>the greatest but I can hear LAPD on 506 Mhz just fine.
>
>I'd be curious to know just how far up you can go before the VFO unlocks.

I thought the tricks needed to program above 500 were pretty well known,
but apparently not. I found the instructions appended to one of the FT-530
modification files that float around the various FTP sites.

In any case, my 530 happily locks on the UHF side well up into the 800s,
picking up PECO Energy (AKA Philadelphia Electric), among others. I'm sure
it could pick up cell phones, but of course that would be illegal, so I
would never personally do it. The only slight problem is the enforced 12.5 kHz
step size.

Have fun with it!
Tom
--
Tom Leber N3QKV <leber@warm.inmet.com> Intermetrics, Inc., Warminster PA USA
"Smother technology and it rebels." - Max Headroom

6703. Re: Great Smoky Mountains National Park Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-22 18:11:10 UTC
From: wb9omc@constellation.ecn.purdue.edu
Message-ID: <wb9omc.774900670@constellation.ecn.purdue.edu>
Source record: 271402

schuh@zeno (Paul Schuh) writes:

>Currently there is a young boy (~10-12 years of age is my guess) lost
>in the Great Smoky Mountains National Park. His family was visiting
>Clingman's Dome on the border of NC and TN when he was discovered to

Being somewhat familiar with that specific location (I've
run some Amateur Radio from up there), I can say that if he just
got out on one of the trails, he'd likely have been spotted by other
hikers by now. The Appalachian Trail runs right smack through that
specific area, plus a bunch of other hiking trails that are fairly
well-used this time of year.

>be missing. Does anyone have any frequencies for the GSMNP? (OTHER than
>those listed in Police Call?) It's been about three days that the

If I had to guess, I'd imagine by NOW (after several days, that is)
that most of this communications will have moved OFF the park service
freqs. and onto whatever freqs. are used by the other agencies that
are involved in searching. If the Army comes in with InfraRed (IR)
night gear, you'll want to dig up the Army SAR (Search And Rescue)
frequencies. I *think* they utilize frequencies on several different bands,
there might be some stuff in the 30+ MHz range that I recall seeing.

(it sticks in my head it was around 33 MHz but I might be wrong
about that.....)

I don't recall for sure, but there may be an area CAP (Civil
Air Patrol) chapter that could conceivably get involved. They run
some comms. around 148 MHz, just above the high end of the Amateur
2-meter band. Even a 10 year old could conceivably cover a lot of ground
in 3 days, depending on his physical condition. How he does at that
altitude is another matter. I might not be remembering correctly,
but I think a lot of the trails right around the summit are not
real heavily tree-covered, so visibility from the air may be better
than at a lower altitude. The summit at Clingman's is something
like 6643 feet above sea level, which means any trees that are that high
up tend to be evergreens - pines, firs, etc. and thus not as "thick"
as the deciduous trees at lower altitudes. That may be helpful if
he hasn't gone too far down-slope.

If he HAS gone downslope and stays *ON* the trails, there
is also a good chance he might bump into a small campsite someplace;
there are some around there but with my maps I can't say how far and
in which directions. The park people will know that.....

If some of the area hiking clubs or other volunteers are out
there looking for him, they could use:

1) amateur radio, probably 2-meters 144-148 MHz

2) CB

3) that new-fangled GMRS thing...is that a 400-something or 800-something
band? I don't recall.

4) some folks might even be carrying 49-MHz headsets for strictly local
coverage (if they aren't going to be separated very much) although
this is a low-percentage idea.....

****

I sure hope they find him OK. Having walked a lot of those trails, I
can guess that a 10 year old could get pretty frightened at night......

Duane
p.s. let us know how it turns out, ok?

6704. Re: Police & Medical Helo's

Newsgroup: rec.radio.scanner
Date: 1994-07-22 18:12:46 UTC
From: donm@svpal.org
Message-ID: <30p26u$4eo@svpal.svpal.org>
Source record: 271400

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: In article <774332959@f747.n115.z1> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
writes:

: > -=> Quoting Nicholas Strauss to All <=-

: > NS> I've been trying to get some contact with from Stanford's
: > NS> Life Flight helo. It flies over my house often enough,
: > NS> I better be able to scan them...
: > NS>

: Stanford's life flight (it is not really Stanford's) has about 5 freqs in the
: 800MHz range. There is also a coordination freq that is 130.xxx that the helo
: uses to talk directly to stanford. I could probably dig it up if you need it.

Stanford's Life Flight Helos use the following freqs:

854.0125, 852.2875, 858.3125, 854.0625, 853.7875

Additionally, they have the capability to communicate with just about any
other Police, Medical, etc communications as necessary.

Santa Clara County EMS freqs are as follows:

856.4375 Primary Paramedic Dispatch
857.4375 Paramedic to Hospitals
858.4375 Data transmission to Hospitals

+ +
+ Don McRoberts Internet: donm@svpal.org +
+ San Jose, CA Compuserve: 74172,2471 +
+ +
--

Don McRoberts Internet: donm@svpal.org
CompuServe: 74172,2471

6705. Midwest Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-07-22 19:02:00 UTC
From: sysop@pfzrfsg.com
Message-ID: <774971744.AA00448@pfzrfsg.com>
Source record: 271425

I would like to know what the laws regarding scanners are in Nebraska, Iowa, Missouri, and Kansas.

Any information would be most appreciated.

Michael Wallach
mjw@pfzrfsg.com

6706. SUPER SCANNER FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-07-22 19:19:08 UTC
From: ligosa@pipeline.com
Message-ID: <30p63c$at@pipe1.pipeline.com>
Source record: 271401

SUPER SCANNER FOR SALE (Handheld)

CAMNIS HSC 050 (Trident 2400)
100KHz - 2060 MGz Continuous, NO GAPS
SSB, CW, AM, NFM, WFM
Steps - between 1KHz -999 Khz
1000 Channels, 10 Search Banks
Programmable Delay/Hold Times up to 12 seconds
Back lit LCD display (lock ON switch)
To many features to list here.
Mint Condition in the box with all accessories

Ace Sells this unit New, WITHOUT cellular for $499.00

Mine receives full Cellular bands.
Asking Price $450.00 + Shipping

Call Chris at 718-642-1087
or Email - ligosa@pipeline.com
Compuserve 74722,3146

See AR8000.gif on Compuserve to see what it looks like.

6707. Re: Great Smoky Mountains National Park Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-22 19:47:51 UTC
From: schuh@zeno
Message-ID: <30p7p7$dpl@balsam.unca.edu>
Source record: 271410

Duane P Mantick (wb9omc@constellation.ecn.purdue.edu) once wrote:
: schuh@zeno (Paul Schuh) writes:

: >Currently there is a young boy (~10-12 years of age is my guess) lost
: >in the Great Smoky Mountains National Park. His family was visiting
: >Clingman's Dome on the border of NC and TN when he was discovered to

: Being somewhat familiar with that specific location (I've
: run some Amateur Radio from up there), I can say that if he just
: got out on one of the trails, he'd likely have been spotted by other
: hikers by now. The Appalachian Trail runs right smack through that
: specific area, plus a bunch of other hiking trails that are fairly
: well-used this time of year.

: If he HAS gone downslope and stays *ON* the trails, there
: is also a good chance he might bump into a small campsite someplace;
: there are some around there but with my maps I can't say how far and
: in which directions. The park people will know that.....

Unfortunatly, searchers had found some tracks they believe belong to the
boy that lead OFF of a poorly marked trail.

I'll keep posting information as I get it.

Keep Scanning!
Paul

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

6708. mods for radio shack 2021

Newsgroup: rec.radio.scanner
Date: 1994-07-22 19:57:37 UTC
From: filzen@ux1.cso.uiuc.edu
Message-ID: <30p8bh$k0u@vixen.cso.uiuc.edu>
Source record: 271407

can anyone help me with mods with a radio shack 2021 scanner?

6709. Re: M-400 Multimode Decoder Output to Computer

Newsgroup: rec.radio.scanner
Date: 1994-07-22 20:30:26 UTC
From: joe@netcom.com
Message-ID: <joeCtCzMq.DEC@netcom.com>
Source record: 271409

Thanks Steven for the follow-up. I would like to extend an offer
for someone with the new ver 2. of the M400 to copy the EPROM - say,
$40 to make it worth while to take the time.

--Joe

--

Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046

6710. Re: Cannot lock out a channel on Pro43

Newsgroup: rec.radio.scanner
Date: 1994-07-22 20:35:31 UTC
From: joeh@connected.com
Message-ID: <30paij$f8e@hebron.connected.com>
Source record: 271406
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Chris Best came off saying that::
: > Many times these channels will keep a dead carrier on them as they are
: > used in a repeater setup or as a back channel.

: ----------

: So how does this prevent you from locking that channel out? I can lock out
: channels that have nothing on them, or that have a carrier and no signal, or
: that have carrier AND signal. The content of a channel *should* have no
: effect on your ability to lock it out.

: This stuff is interesting on its own, but it won't help the original
: poster with his question.

True, I did post a reply to that question stating that I had the same
problem with my pro-2022 (same chip set I think). I guess that it got
sent to /dev/bye-bye. We've been having problems with news but things
will be getting better RSN. Anyhow, my lockout problem went away after a
month or so, don't ask me why, I'm not going to dig into the code on the
cpu and try to figure it out (unless tandy is willing to pay).

-Joe
--
/============================> KB7WAI <================================\
> Joe Hamelin (joeh@connected.com) Tampico, Washington, USA, Earth <
> "Without love in the dream it will never come true" -Hunter/Garcia <
\===/

6711. freq

Newsgroup: rec.radio.scanner
Date: 1994-07-22 21:52:00 UTC
From: bill.graham@compudata.com
Message-ID: <12a.3647.757@compudata.com>
Source record: 271412

does any body have the freq.
of Southern New Jersey Police and Firer Departments
Franklineville, Elk township and Clayton Boro.
Also State Police.

6712. Re: Great Smoky Mountains National Park Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-22 22:14:26 UTC
From: schuh@zeno
Message-ID: <30pgc2$i05@balsam.unca.edu>
Source record: 271411

Duane P Mantick (wb9omc@constellation.ecn.purdue.edu) once wrote:
: schuh@zeno (Paul Schuh) writes:

: >Currently there is a young boy (~10-12 years of age is my guess) lost
: >in the Great Smoky Mountains National Park. His family was visiting
: >Clingman's Dome on the border of NC and TN when he was discovered to

: I sure hope they find him OK. Having walked a lot of those trails, I
: can guess that a 10 year old could get pretty frightened at night......

: p.s. let us know how it turns out, ok?

The boy has been found.

Three days ago, the boy and his parents were visiting Clingman's Dome
in the Great Smoky Mountains National Park. While headed back to
the parking lot, the boys parents noticed he had wandered off the trail
and they assumed he would return to the trail and meet them in the
parking lot.

While he was off the trail, he somehow lost his way. He came across the
Appalachian Trail, which he followed for a while before veering off into
the woods... thereby, becoming totally lost.

For three days and three nights the boy was able to find water and shelter
to keep himself from being dehydrated or sucumbing to hypothermia.

He was found earlier today (Friday) about 2.5 miles from Clingman's Dome.

All this information is from a Local Newscast. According to the
newscasters, he was in good spirits and health.

Wish I would have started searching for freq earlier in this ordeal.
I would probably be able to provide y'all with more information.

Keep scanning,
Paul

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

6713. Scanner Computer Interface

Newsgroup: rec.radio.scanner
Date: 1994-07-22 23:35:34 UTC
From: jamess@hubcap.clemson.edu
Message-ID: <30pl46$22j@hubcap.clemson.edu>
Source record: 271415

About a year ago, someone came out with a kit that let you add a computer interface to a PRO-2006. I'd like to purchase one, so if anyone can tell me if they're still available and/or where one can be purchased, I'd be very grateful.

Please respond via email to msmith@cs.clemson.edu
c

6714. Re: Morse Code

Newsgroup: rec.radio.scanner
Date: 1994-07-23 00:13:30 UTC
From: mph@lorien.creol.ucf.edu
Message-ID: <30pnba$f5e@pegasus.cc.ucf.edu>
Source record: 271414
Cross-posted to: rec.radio.scanner,alt.radio.scanner

: "This is WX72G, repeater" (I made the call sign up)

Darn right you did.

6715. Re: Computer control?

Newsgroup: rec.radio.scanner
Date: 1994-07-23 02:39:03 UTC
From: bsaladino@aol.com
Message-ID: <30pvs7$er5@search01.news.aol.com>
Source record: 271416

I'm new to this newsgroup stuff, so pardon any mistakes I might make.

I've written a Windows shareware program to control the Icom R7000, 7100, 9000, etc., and hope to adapt it to work with the new OS456 and Pro-2005/6 combination soon.

Radio Manager for Windows RM.ZIP in HamNet on CompuServe and Ham Radio Club on AOL.

Ben Saladino
660 West Oak
Hurst, TX 76053-5526
AOL:BSaladino
CIS:71052,2416

6716. Re: Dallas/Ft. Worth FQ

Newsgroup: rec.radio.scanner
Date: 1994-07-23 02:44:10 UTC
From: bsaladino@aol.com
Message-ID: <30q05q$etf@search01.news.aol.com>
Source record: 271418

In article <CsBnLs.HBF@metronet.com>, kbryant@metronet.com (Kyle Bryant)
writes:

Kyle,

Are you looking for any services in particular?

Ben Saladino
Hurst, TX

6717. PRO-2004 memory chip

Newsgroup: rec.radio.scanner
Date: 1994-07-23 03:36:18 UTC
From: benchr@teleport.com
Message-ID: <benchr.173.00039B02@teleport.com>
Source record: 271427

In article <774406485.AA09674@rochgte.fidonet.org>
David.Stark@p2.f333.n2613.z1.fidonet.org (David Stark) writes:

>New memory chip providing 6,400 channels in 16 blocks of 400 (like having
>16 PRO-2004's in the same case).

Where can this memory chip be obtained ??? And what is the damage
(financial)... ???

Thanks

6718. Uniden 8500XLT Discontinued?

Newsgroup: rec.radio.scanner
Date: 1994-07-23 03:58:28 UTC
From: domonkos@access.digex.net
Message-ID: <9M9CkiubG66A066yn@access.digex.net>
Source record: 271417

Grove Enterprises informed me today that the Uniden 8500 has been discontinued due to inherent technical problems. Anyone else hear this?

Andy

6719. Re: SUPER SCANNER FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-07-23 04:29:34 UTC
From: ligosa@pipeline.com
Message-ID: <30q6be$qti@pipe1.pipeline.com>
Source record: 271420

sorry for the typo,
the correct GIF file is of course the CAMNIS.GIF

I'm sure you can guess what new scanner has been on my mind

6720. Re: Scanners by mail

Newsgroup: rec.radio.scanner
Date: 1994-07-23 04:36:30 UTC
From: kjn@netcom.com
Message-ID: <kjnCtDM4u.L43@netcom.com>
Source record: 271419

Steven Bradley (steven@sgb.oau.org) wrote:
: John Wierzbicki (jwierzbicki@melpar.esys.com) wrote:

: : Does anyone have Grove's phone number handy? They sell scanners
: : through the mail, right? Could someone e-mail their number?

1(800) 438-8155
P.O. Box 98
Brasstown, NC
28902-0098
--
kjn@netcom.com (Ken Navarre)

6721. Handheld scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-23 07:21:08 UTC
From: uptodd@cc.memphis.edu
Message-ID: <1994Jul23.022108.21730@msuvx2.memphis.edu>
Source record: 271421

What's the best handheld scanner to get for $250 at the most. I plan to use the scanner in both Memphis and the rural areas.

Philip
from Memphis State University
NOW... The University of Memphis

6722. That happened to me!

Newsgroup: rec.radio.scanner
Date: 1994-07-23 08:57:28 UTC
From: an113259@anon.penet.fi
Message-ID: <090310Z23071994@anon.penet.fi>
Source record: 271422

Robert> Hope the folks at the airport don't think I'm a terrorist or a spy.
Robert> Can I get Net Access from Federal Prison?

That happened to me in Miami. Two scanner people stoped me to have me open my backpack. They opened it because they were argueing over what my flashlight was. (apperently they look differnt under x-rays). Then my scanner devloped a suspicious look from one of the women and I demonstrated that it was a "radio reciever, like a car radio".

Least I got through.

Fubar

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

6723. Re: Desolder-free cell mod for the Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-07-23 09:06:10 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <30qmi2$hs0@freenet3.scri.fsu.edu>
Source record: 271423
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Patrick Springer (lasix@netcom.com) wrote:
: Charles Richards (chuck62@freenet3.scri.fsu.edu) wrote:
: : Tim Foecke (tfoecke@nist.gov) wrote:
: : : I was somewhat intimidated with the Pro43 mod as presented in all of the
: : : postings I have found (not wanting to fry the board, etc) so I took the
: : : advice of someone on the net (sorry, I don't remember who, but thanks!) and
: : : went after the D4 diode without desoldering the unit. I bent up the left
: : : contact for the battery pack to get it out of the way and tilted the unit
: : : bottom up at about an 80 degree angle under a binocular microscope, and was
: : : able to see the row of diodes. It was easy to distinguish the D4 one, and I
: : : used a whittling knife to carefully scrape the solder off the top of the
: : : contact for the diode, wedged the knife under D4 and pried it up clear of the
: : : board. Works great!

: : : Yeah, I don't get 51-88 Mhz, but I already have a TV . . .

: : I recommended disassembly far enough to get to the diode with a pair of
: : side-cutters, and crushing the little booger. This is after I did it the
: : hard way. Now I've got a hand-held TV! Well, kind of...sounds like crap(NFM).

: : chuck62@freenet.fsu.edu

: Tim:
: I'm interested on some details on how you messed up your rig.
: I am about to do the mods on my unit and do NOT want to render
: it useless. I have ordered the Service Manual and have read all
: the FTP sections. Did you follow any particular one?
: Thanks
: Patrick Springer
: lasix@netcom.com
: --

: Patrick Springer
: Sysop LASIX BBS
: (818)892-5477
: 4804 Laurel Canyon Blvd. #132
: Valley Village, CA. 91607
: lasix@netcom.com

Tim didn't mess up his rig, he just didn't bother restoring the 54-88MHz
which doesn't come in the USA version of the 43 in the first place. Some
people don't care about that band because it's mostly TV audio(WFM), and
the 43 (USA version) isn't tuned to be sensitive in that area. But you
can modify the 43 to receive that band (although it's less sensitive there).
As you know, removing D4 restores Cellular. Taking that diode and

soldering it to the empty set of pads for D3 restores 54-88MHz.
TV: Chan.2=54-60MHz, Chan.3=60-66MHh, Chan.4=66-72MHz, Chan.5=76-82MHz,
Chan.6=82-88MHz. The audio will sound distorted, but understandable.
Utility Band: 72-76MHz=Pagers, Radio Astronomy, some Public Safety
repeater relays, and Aeronautical Navigation.
I got my info through Commtronics Engineering World Scanner Report - PO
BOX 262478 - San Diego, CA - 92196-2478. *GOOD STUFF*

chuck62@freenet.fsu.edu

6724. Looking for used scanner.

Newsgroup: rec.radio.scanner
Date: 1994-07-23 09:59:00 UTC
From: Richard Ingels <ringelsak@igc.apc.org>
Message-ID: <2092900004@cdp>
Source record: 271429

I want to buy a used scanner, either a Pro 34,39 or 43, or a PRO-2022,PRO-2030,PRO-2032, or PRO-2006. If it's already enhanced, that's fine as long as it has NO problems and has the manuals. Anyone want to make a deal?

6725. IC-R1? AOR1500XLT? TC2500? *ACK!!!*

Newsgroup: rec.radio.scanner
Date: 1994-07-23 10:07:30 UTC
From: Dan Berry <dberry@bookstore.ualberta.ca>
Message-ID: <30qq52$cbm@quartz.ucs.ualberta.ca>
Source record: 271424
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Alright, I admit it, I'm a dreaded newbie. I've been trying to follow the discussions about some of the better equipment, and I'm thinking of buying one of these:
- Icom's IC-R1 (no SSB[?], .1-1300MHz, full continuous)
- AOR's AR1500XLT (SSB, .5-1300MHz, 1000 ch. continuous)
- Trident's TR2500 (SSB, .1-1300MHz, 62 ch/s, CPU controllable)

I want to do a variety of recieving with whichever I get, but I'm concerned
about the _quality_ of the recievers. Just starting out, I have no idea. I've heard that the IC-R1 & AR1500XLT are very good, but haven't heard anything about the TR2500 and was mainly intrigued by wanting to have some CPU control; I was hoping one of the tasks I would be able to do with it is
some form of automated RTTY'ing (Weather Faxes, Morse, etc.). Mind you, portability is nice and opens the door to a wider variety of enjoyment, but
I'll have to wrestle with these demons when the time comes.

I want to keep the price down around $400-$450 U.S., as much as I wouldn't mind a $1000+ rig. :-)

The other thing is, seeing as how there's bound to be lots of American's importing unblocked international/Canadian scanners, where is there a cheap/reputable place to order equipment in Canada?

Thanks a lot if you can help me on this.
--
Dan Berry
Technical Support / Network Administrator
Bookstore Computers
University of Alberta, Edmonton

6726. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-23 12:16:00 UTC
From: steven@sgb.oau.org
Message-ID: <CtE7Ep.EJ4@sgb.oau.org>
Source record: 271433

sohl,william h (whs70@dancer.cc.bellcore.com) wrote:
: In article <Ct9rtD.2uG@datamax.oau.org>,
: Steven Bradley <steven@datamax.oau.org> wrote:
: >Peter Simpson (peter_simpson@3com.com) wrote:
: >: Is there any prohibition on replacement controller chips or PROMs?
: >
: > No, none at all. I think I speak for many when I say we would all
: > welcome them being made available! It would be the least we could
: > do (equivilent to sticking out your middle finger at the FCC and
: > the cellular industry!)
: >Steven

: Actually, don't blame the FCC. The FCC was mandated by congessional
: legislation to develop and impose the cellular scanner restrictions
: that became effective last April.

: Just a point of reference to keep in mind.

Yes, but what if THEY REFUSED to develop and impose. I mean flat out
said NO. That is what they should have done. I mean so what if they
were to fire everyone at the FCC. The publicity alone would have
burned congress.

They -- like anyone else WITH A BRAIN (they obviously were lacking it)
could have refused. Point made.

(Supposedly the land of the free and the home of the brave, if it were
the home of the brave, the sissies in the FCC would have not accepted
the demands of congress. If it were the land of the free, congress
would never have suggested any such change!)

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6727. Re: MARINE CELLULAR BAND ???

Newsgroup: rec.radio.scanner
Date: 1994-07-23 12:39:37 UTC
From: steven@sgb.oau.org
Message-ID: <CtE8I2.EpA@sgb.oau.org>
Source record: 271436

George Thurman (gst@gagme.wwa.com) wrote:

: Does anyone have the freq's for the Cellular Marine Band ??

: Does such a thing exist ???

: Please e-mail me if anyone can help.

: thanks !!

Better watch out, they might do some snipping at the 156 and 161 mhz segments next April if you start talking about this -- I mean heck, the idiots think they are private and readily give the credit card and phone calling cards over the marine "telephone" all the time!

Of course, since I only buy equipment from outside the U.S., such problems no longer affect me.

Currently, I am assessing my finances for this December to purchase (perhaps) the new AOR-8000 scanners.

Even though EDCO will have them in the U.S., mine will be better -- as it will be from the U.K or Canada. The one difference with mine is it won't have anything missing - ie BROKEN. It won't have been messed with by non-factory staff.

I urge people to tell EDCO -- IF they would like U.S. business, they had better start listening to their potential customers.

Either they supply instructions and a package of part(s) as a separate side item -- or we buy outside the U.S. Simple. Obviously I am referring to a certain portion of 800-900 mhz region.

The FCC seems satisfied with frequency lockout in the MPU. I heard the AOR8000 used modules in its construction.

Non-fully functional 4 or more channel scanners, boards, and parts do NOT require FCC approval and are NOT subject to these stupid laws.

Therefore, EDCO COULD and SHOULD (if they want MY business) package the board containing the lockout changes -- only in its international non-locked form, and SELL it as an accessory. Some smart scanner shops might go as far as to make a package deal of both -- the scanner and the upgrade kit (like the 8100 Uniden and its disks/code to enable cellular).

I think EVERYONE should call EDCO a couple of times a day and tell them they either provide the parts to change the scanner back to the FACTORY DESIGNATED SPECIFICATIONS or they had better file for

Bankruptcy -- because NON of us will be their customers.

I am sure you all get the picture by now. Someone is going to say "It is NOT EDCOs fault - they are only complying with the law to obtain FCC certification and sell the units in the U.S."

Well it -> IS <- EDCOs FAULT, if they fail to take the parts they change and bag them and sell them. Here is why:

The law does not cover kits, raw materials, components, and items which are not fully functional and complete. Selling the components they remove would BENEFIT THEM and US. We would readily get scanners in the US with more convenience. They would receive more sales.

It is NOT illegal to do this. So why the h*ll aren't they presently planning to do so? Where is the law that says they can not do this?

Since from the Factory, they come with cellular, and they remove it by something as simple as changing a component (adding/removing a component), WHY would the FCC approve such a unit next month? I mean it clearly violates the law as much as any other scanner from the past 3-5 years would have?

Where did the law state "as simple as adding or removing a jumper, resistor, or cutting a trace"? I think it said adding or removing a component. MPUs -ARE- COMPONENTS, right?

Now you see what I am getting at. It's about time someone took the government to court over the current line of scanners -- in that everyone of them (except the ICOMs where they removed the entire 800 mhz band) violates the rule of adding or removing a component, since that is the difference between international and domestic units.

Is there ANYTHING in the law dealing with preventing the dealers and manufacturers from selling the parts used in their overseas units -and- instructions to upgrade them to international capability?

Remember, kits and parts are EXEMPT from the law. Not addressed once.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6728. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-23 12:45:49 UTC
From: richb@railnet.nshore.org
Message-ID: <CtE8sG.52C@railnet.nshore.org>
Source record: 271430

In article <3001@bridge2.nsd.3com.com>,
Peter Simpson <peter_simpson@3com.com> wrote:
>Is there any prohibition on replacement controller chips or PROMs?
>
>---
> Peter Simpson, KA1AXY Peter_Simpson@3com.com
> 3Com Corporation (508) 836-1719 voice
> Northborough, MA 01532 (508) 393-6934 fax
>
> I speak only for myself, 3Com doesn't pay me to speak for them, so I don't.
>

I have a Pro-46 scanner that receives a complete image band of the cellular
frequencies with no gaps. I know it is illegal to listen to the actual
celluar band but am I breaking the law by listening to the image band?

Thanks.

.
:

~
:
:

"
|

6729. Obtaining Cell Scanners in US

Newsgroup: rec.radio.scanner
Date: 1994-07-23 12:45:58 UTC
From: steven@sgb.oau.org
Message-ID: <CtE8sp.F0z@sgb.oau.org>
Source record: 271437

I had an idea. Is it possible to purchase a "non-modifiable" scanner and send it to Canada or UK for brain transplant? Oh, oops, I meant service?

I was thinking, when sending an item to Canada or overseas for service or repair, there are no duties assessed. This means you could buy a unit here, send it there for a fix, and recieve it back with only the transportation charges out and back.

Also the return of the scanner could NOT be stopped -- because you would visit your local customs office and fill out a form which would remain with the unit (and a copy in your files) showing they examined the unit and that it was in your possession in the U.S. prior to its trip overseas.

Anyone in the UK/Canada thought of doing this yet?

One more thought on how to get around the idiots in D.C.

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
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America Online: sgbradley@aol.com | Modem: 407/862-8088

6730. Re: MGM Studios FL FREQS?

Newsgroup: rec.radio.scanner
Date: 1994-07-23 13:15:12 UTC
From: rout0003@maroon.tc.umn.edu
Message-ID: <rout0003.774969312@maroon>
Source record: 271428

In <CtAJBB.J81@pts.mot.com> jkronz@pts.mot.com (Jason Kronz x8645 p5412) writes:

>OK, I know the FREQs for disney have been posted many times before
>but I didn't save them... Anyways I'm going to MGM studio's this
>weekend anybody have the freqs for it??? Also the Disney one's
>would be nice. And one more thing, Im also going to SeaWorld.

>-jason

These should help you out. Sorry to those who originally posted the articles,
I didn't remember to save all of your names with the files.

- Andy

==========
DISNEYWORLD (Orlando, FL)
==========

Several weeks ago I posted a list of Walt Disney World
frequencies, and other associated frequencies in the Orlando
area. I've updated the list and added about 25 more. Authors and
contributors are for the most part unknown. I take no credit for
discovering them all, only for compiling and posting - enjoy!
Also, as posted previously, the people at Walt Disney World don't
take to visitors with scanners - be discrete!!

SUBJECT: Walt Disney World / Orlando Area Frequencies
WDW = Walt Disney World

118.450 Orlando Int'l Airport (Tower)
124.300 Orlando Int'l Airport (Tower)
151.200 Lake Buena Vista Emergency
151.655 Travelodge Int'l
151.655 Lake Buena Vista Construction
151.745 "Mystery Fun House"
151.755 Sea World
151.805 Sea World
151.865 Royal Plaza Hotel
151.895 WDW - 20,000 Leagues Submarines
151.925 Quality Inn
154.430 Reedy Creek F.D.
154.515 Sea World
154.540 Sea World
154.600 Sea World
154.625 WDW - Hilton Hotel @ WDW
155.370 City of Bay Lake P.D. Intersystem
157.740 Buena Vista Hotel / Staff Paging

158.460 Buena Vista Palace Paging
173.225 WDW - Disney "Country Wide Freq"
173.275 WDW - Disney "Country Wide Freq"
173.325 WDW - Disney "Country Wide Freq"
173.375 WDW - Disney "Country Wide Freq"
204.850 EPCOT - Character Greeting Audio
206.000 WDW - EPCOT Parade Audio
206.300 WDW - EPCOT Parade Wireless Mics
206.625 WDW - EPCOT Parade Wireless Mics
206.975 WDW - EPCOT Parade Wireless Mics
207.350 WDW - EPCOT Parade Wireless Mics
207.600 EPCOT - Character Greeting Audio
207.750 WDW - EPCOT Parade Wireless Mics
208.175 WDW - EPCOT Parade Wireless Mics
208.905 WDW - EPCOT Parade Wireless Mics
209.100 WDW - EPCOT Parade Wireless Mics
210.125 WDW - EPCOT Parade Wireless Mics
211.850 WDW - EPCOT Parade Wireless Mics
212.475 WDW - EPCOT Parade Wireless Mics
451.750 Universal Studio's
453.475 Reedy Creek
453.825 Reedy Creek Rescue (Daily Check @ 08:30
453.875 WDW Fire Dept "F1"
453.925 WDW Fire Dept "F2"
460.000 Sea World
461.100 Sea World - Park Operations
461.250 Central Florida Fair
461.2875 Universal Studio's
461.300 WDW - Parade / Entr "Computer Control Base"
461.600 WDW - Resorts / Ft Wilderness / Hotel Trans.
461.675 Sea World
461.700 Buena Vista Construction
461.850 Sea World
461.8875 Universal Studio's
462.000 Sea World
462.0125 Sea World
462.050 Mariot Hotels
462.175 Orlando Tour Lines
462.550 EPCOT - "Opr F1" Entr / Adm / Staff Paging
462.575 EPCOT - "Opr F2" Travel Ctr / Monorail / Railroads
462.575 Monorail (WDW)
462.625 WDW - Magic Kingdom / Ft Wilderness / Maint F2
462.625 EPCOT - "Opr F3" Tech Trbl Dispatch / Land Trans.
462.625 Lake Buena Vista Water Transports
462.650 WDW - Maint "F1" / Opr / Paging / Show Control
462.675 WDW - Buena Vista District / Maint "F2"
462.700 Orlando Airport Operations
462.775 WDW - Voice Paging
462.850 WDW - Voice Paging
462.925 Universal Studio's

463.000 Orange Vista Hospital
463.050 Sand Lake Hospital
463.325 Sea World (Security)
463.3875 Universal Studios
463.575 Ramada Inn @ WDW
463.5875 Universal Studios
463.6125 Universal Studios
463.6375 Universal Studios
463.6625 Universal Studios
463.675 EPCOT - Trouble Dispatch Techs
463.7125 Universal Studio's
463.750 WDW - EPCOT (Security) "Security 3"
463.825 Sea World
463.9375 Universal Studios
463.950 Sea World
463.975 WDW - "Entertainment" - Data Control Repair
464.050 Comfort Inn @ Kissimmee
464.075 WDW
464.100 Hyatt Hotel
464.125 WDW - Security CH 1 "Locksmith"
464.1375 Universal Studios
464.200 WDW - Ft Wilderness / Disney Inn
464.2125 Universal Studios
464.3875 Sea World
464.400 WDW Travel Center / Security / Parking
464.425 "Stars Hall Of Fame"
464.525 Hilton Hotel @ WDW
464.425 Buena Vista Palace Hotel
464.625 WDW - Magic Kingdom Maintenance
464.675 Contemporary Hotel
464.7675 WDW - "White Telephones"
464.725 Sea World
464.7375 WDW Golf Course
464.750 Sea World
464.800 WDW - Village Maintenance / Util.
464.825 Altamonte Mall
464.825 Sea World
464.975 Mariott World Center Security
465.000 Sea World
467.250 WDW
467.575 WDW - Monorail
475.575 WDW - "Pleasure Island"
483.000 WDW - Daily Opr / Parade
484.175 EPCOT "Operations"
851.3125 WDW - Operations
852.3625 Reedy Creek Trunked Public Safety Sys
852.3625 WDW - Public Safety
852.7375 WDW - Public Safety
852.7375 Reedy Creek Trunked Public Safety Sys
853.7125 WDW - Public Safety

853.7125 Reedy Creek Trunked Public Safety Sys
854.3375 Reedy Creek Trunked Public Safety Sys
855.1875 WDW - Operations
855.6875 WDW - Operations
855.7875 WDW - Operations
855.8875 WDW - Operations
856.9125 WDW - Operations
857.7875 WDW - Operations
857.8125 WDW - Operations
859.7875 WDW - Public Safety
859.7875 WDW - Operations

Walt Disney World "10" Codes

9 - Repeat
10- Subject to call at..
12- Officials / Visitors are present
13- Weather / Road Conditions
14- Convoy / Escort
15- Subject In Custody
19- Return To Station
20- Your Location
21- Call Station By Phone
22- Disregard
23- Standby / Interference
25- In Contact With
26- Did You Receive / I Received
28- Check Vehicle Registration
29- Stolen / Wanted
35- Confidential Information
36- Correct Time
39- Message Delivered
42- Out Of Service At Home
43- Any Traffic For
45- Call By Phone At
50- Stopping Vehicle (Tag # + Location)
51- Enroute
52- ETA
54- Negative
56- Meet Me At
98- Assignment Completed
100- Emergency Traffic Only

Disney Dispatch Signals

0- Armed: Use Caution
1- Drunk Driver
2- Drunk Pedestrian
3- Hit and Run
4- Accident
5- Murder

7- Dead Person
8- Missing Person
9- Stolen Tag
10- Stolen Vehicle
11- Abandoned Vehicle
12- Reckless Driver
13- Suspicious Vehicle
13P- Suspicious Person(s)
13N- Undesirable Person(s)
16- Obstruction on Roadway
20- Mentally Ill Person
21- Breaking and Entry
22- Disturbance
23- Holdup and Robbery
25- Fire
26- Drowning
41- Shoplifter
47- Indecent Exposure
49- Counterfeit Currency
50- Motorist Assist
55- Bomb Explosion
55A- Bomb Threat
57- Hunters
61- Building Check
66- Rape
70- Lost Child
95- Drug Violation
96- Vicious Animal
97- Illegal Entry
999- Security Needed / Help - Urgent

RESPONSE CODES
1- Routine
2- Urgent
3- Emergency

- writer unknown

OK, for all of you guys that can't put your radio down when you go on vacation - The (un)official list of Walt Disney World Frequencies. (I'll give you a hint... I work at the Magic Kingdom, so this is about
as official as it gets.) All of these frequencies are confirmed; They were obtained from WDW Radio/Audio Central a:nd traffic has been heard on
each frequency.

Anything with a * indicates simplex and probably very low power. (The radios we use at 20,000 leagues are only 1 watt for operators and 4 watts for leads) If you don't hear anything, don't yell at me about

it,
you just aren't patient enough!

151.895 20,000 Leagues Under the Sea *
452.650 Cash Control (Wells Fargo Trucks) *
463.975 Custodial Base (EC and MK)
469.3375 E - Stops (Attractions) *
148.100 E-Stop Great Movie Ride *
462.550 Entertainment 1 (Characters)
461.300 Entertainment 2 (Parade Dispatch/Traffic)
464.9375 Entertainment 3 *
464.500 Entertainment 4 (Special)
453.825 Fire Channel 1 (Reedy Creek Fire Rescue)
463.750 Hailing (Disney - MGM Studios)
464.125 Hailing (EPCOT Center)
464.400 Hailing (Magic Kingdom)
154.47875 Light Barges (Electrical Water Pageant) *
462.675 Maintenance 1 (EPCOT Center)
464.625 Maintenance 2 (Magic Kingdom)
464.800 Maintenance 3 (Disney - MGM Studios)
462.650 Operations 1 (EPCOT Center)
462.575 Operations 2 (Monorails)
462.625 Operations 3 (Magic Kingdom)
461.600 Operations 5 (Disney - MGM Studios)
464.600 Operations Simplex *
157.740 Pagers (no input)
462.775 Pagers (no input)
462.850 Pagers (no input)
464.0625 People Finder *
468.8125 Point of Sale Systems *
462.475 Reedy Creek Energy Services
464.200 Resorts 1
461.700 S.T.E.P. (Fireworks)
151.655 Space Mountain/Riverboats/Studio Trams *
451.500 VUT
461.3375 Warehouses 1 *
461.9125 Warehouses 2 *

Also, Disney is steadily moving a lot of stuff to a 12 channel trunked system in the 800's. Currently, Security, Resorts, and Watercraft (plus some V.I.P's) use the system. I've seen the charts, and most of the traffic will move there within the next few years. Also, Disney should be setting up a 900's trunked system also. So, many of t non-theme park frequencies may be moving there. If you would like to know who to listen for on each channel, give me a note at:

- cwagar@ducvax.auburn.edu

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6731. Re: Discone antenna

Newsgroup: rec.radio.scanner
Date: 1994-07-23 13:20:35 UTC
From: richb@railnet.nshore.org
Message-ID: <CtEAEE.566@railnet.nshore.org>
Source record: 271431
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <19940717.143043.385@almaden.ibm.com>,
<rfhamilton@VNET.IBM.COM> wrote:
>I've seen several postings regarding discone vs. general reception
>antennas. My reception of military air is non-existant but I heard some-
>one on a local scanner net say that he had the same problem until he
>switched to the Radio Shack discone. From what I read the discone is not
>good for below 100 mhz. How critical is this loss ? Is the RS discone a
>good choice, how about the discone sold by Grove or others ? Any info
>or recommendations would be appreciated.
>
>Bob Hamilton (rfhamilton@vnet.ibm.com)

I have both a discone antenna and a all-band antenna on my roof.
Both are from radio shack. The all-band antenna is a ground plane and
gives much much more gain than the discone. Plus it costs half the
price. Forget the discone just get the all-band.

6732. Re: Midwest Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-07-23 15:01:11 UTC
From: rdavis@nyx10.cs.du.edu
Message-ID: <30rbbn$3nu@nyx10.cs.du.edu>
Source record: 271432

sysop@pfzrfsg.com (System Supervisor) writes:

>I would like to know what the laws regarding scanners are in Nebraska, I
wa,
>Missouri, and Kansas.

>Any information would be most appreciated.

>Michael Wallach
>mjw@pfzrfsg.com

Kanas has no particular laws regarding scanners.

In this town, the PD has always expressed appreciation when a citizen with
a scanner reports information about an item or event heard on a scanner.

--
rdavis@nyx10.cs.du.edu Robert Davis Salina, KS
Amateur Radio K0FPC

6733. Re: Morse Code

Newsgroup: rec.radio.scanner
Date: 1994-07-23 15:17:48 UTC
From: gbelton@cris.com
Message-ID: <cG3CkasteUr5065yn@cris.com>
Source record: 271434
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <PJACOBS.94Jul21180635@netcom14.netcom.com>, Peter Jacobs wrote:
> Periodically, when I scan the police and fire frequencies around
> 460-480 MhZ, my scanner picks up brief transmissions in Morse Code.

> Does anyone have any idea what these are? I'm in the SF Bay Area.

Yes, it is the automatic repeater-ID. That is, the repeater (which extends
the range of the mobile radios) is broadcasting its callsign in Morse code.

6734. Re: Scanner Computer Interface

Newsgroup: rec.radio.scanner
Date: 1994-07-23 16:27:55 UTC
From: Ergin Guney <eg23+@andrew.cmu.edu>
Message-ID: <UiAII=S00WB6Rjl5wY@andrew.cmu.edu>
Source record: 271435

Excerpts from netnews.rec.radio.scanner: 22-Jul-94 Scanner Computer Interface by Mike Smith@hubcap.clemso
> About a year ago, someone came out with a kit that let you add a
> computer interface to a PRO-2006. I'd like to purchase one, so if anyone
> can tell me if they're still available and/or where one can be
> purchased, I'd be very grateful.

As far as I know, you don't need a kit to do that. At least, you don't need a special piece of hardware. All you need is a serial cable to connect the scanner to the computer, and the software. I've been coming across many ads in radio magazines for scanner control programs that have the PRO-2006 among the list of models that they support. There are also many shareware programs that do that. The serial, you can buy from any old computer supply store.

But, as I said, this is "as far as I know"... :)

Ergin Guney

6735. Re: SUPER SCANNER FOR SA

Newsgroup: rec.radio.scanner
Date: 1994-07-23 18:02:04 UTC
From: Derle.Paxton@f31.n147.z1.centar.nova.com
Message-ID: <775105893.AA00366@centar.nova.com>
Source record: 271289

hi guy, umm, do you want to trade something for it? i got lots of computer
stuff, cd drive,
hard drive,memory, monitors...ect
let me know!

... Blue Wave - World Tour - 1994
___ Blue Wave/QWK v2.12

6736. Re: SUPER SCANNER FOR SA

Newsgroup: rec.radio.scanner
Date: 1994-07-23 18:02:04 UTC
From: Derle.Paxton@f31.n147.z1.centar.nova.com
Message-ID: <775012870.AA00358@centar.nova.com>
Source record: 271460

hi guy, umm, do you want to trade something for it? i got lots of computer
stuff, cd drive,
hard drive,memory, monitors...ect
let me know!

... Blue Wave - World Tour - 1994
___ Blue Wave/QWK v2.12

6737. Re: SUPER SCANNER FOR SALE

Newsgroup: rec.radio.scanner
Date: 1994-07-23 18:49:54 UTC
From: ligosa@pipeline.com
Message-ID: <30rooi$a04@pipe1.pipeline.com>
Source record: 271438

OK I promise this is tyhe last time I will screw up the
GIF File name -
It is HSC050.gif on Compuserve

Sorry

Chris....

6738. Re: Airport frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-23 18:52:59 UTC
From: rfhamilton@VNET.IBM.COM
Message-ID: <19940723.123406.496@almaden.ibm.com>
Source record: 271439
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Someone gave me something really interesting...it is a copy of a page
from a book of some kind. The page is hole punched on the left margin.
The page deals with JFK Int'l Airport. It shows a map of the airport with
details of terminals, de-icing sites, hangars, runways and taxiways (with ===== their
designations). It includes latitude/longitude,
various structures at the airport, cautionary notes and frequencies used
for various functions. While scanning you can follow the activity airport ===== while
looking at the layout.

The frequencies listed, and their designations, for JFK are :
JFK 115.9 - On Airport, ATIS Departure - 115.1 and 128.72, Kennedy clear-
ance (CPT) - 135.05, Ground - 121.9, Tower - 119.1, New York Departure -
135.9, International Arrival Term. Ramp control - 130.77, Gen. Aviation ===== Term. -
12.95, VOT - 115.1.

I'd like to get similar pages for other airports in the area (LaGuardia,
Newark, Republic and Islip/MacArthur). Any ideas where to get them ?

Bob Hamilton (rfhamilton@vnet.ibm.com)

6739. Re: ICOM Handheld

Newsgroup: rec.radio.scanner
Date: 1994-07-23 19:35:02 UTC
From: gianotti@aol.com
Message-ID: <30rrd6$1sd@search01.news.aol.com>
Source record: 271440

In article <jim-200794115213@jimsmac.ttech.com>, jim@ttech.com (Jim Wayda) writes:

Sounds like an R-1. I have one and it is a nice radio. While it does suffer from overload in strong signal areas, the fact that it is very small is a plus.

6740. Re: Midwest Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-07-23 19:40:03 UTC
From: gianotti@aol.com
Message-ID: <30rrmj$1ve@search01.news.aol.com>
Source record: 271441

In article <774971744.AA00448@pfzrfsg.com>, sysop@pfzrfsg.com (System Supervisor) writes:

The following is a section of Indiana Criminal Law and Procedure that pertains to scanners:

35-44-3-12 Unlawful use of a police radio; exemptions; "portable police radio" defined
Sec.12. (a) A person who knowingly or intentionally possesses a portable police radio commits unlawful use of a police radio, a Class B misdemeanor.
(b) This section does not apply to:
(1) a governmental entity;
(2) a regularly employed law enforcement officer;
(3) a common carrier of persons for hire whose vehicles are used in emergency service;
(4) a public service or utility company whose vehicles are used in emergency service;
(5) a person who has written permission from the chief executive officer of a law enforcement agency to possess a portable police radio;
(6) a person who holds an amateur radio license issued by the Federal Communications Commission;
(7) a person who uses a portable police radio only in his dwelling or place of business;
(8) a person:
(A) who is regularly engaged in news gathering activities;
(B) who is employed by a newspaper qualified to receive legal advertisements under IC 5-3-1, a wire service, or a licensed commercial or public radio or television station; and
(C) whose name is furnished by his employer to the chief executive officer of a law enforcement agency in the county in which the employer's principal office is located; or
(9) a person engaged in the business of manufacturing or selling portable police radios.
(c) "Portable police radio" means a radio receiving set that is capable of receiving signals transmitted on frequencies assigned by the Federal Communications commission for police emergency purposes and that:
(1) can be installed, maintained, or operated in a vehicle; or
(2) can be operated while it is being carried by an individual.

This term does not include a radio designed for use only in a dwelling. As added by Acts 1977, P.L.342, SEC.1.

6741. Re: Canadian Team frequencies needed.

Newsgroup: rec.radio.scanner
Date: 1994-07-23 19:47:01 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CtEsAD.EG4@freenet.carleton.ca>
Source record: 271462

In a previous article, jim4dice@aol.com (Jim4dice) says:

>In article <30e7ga$asr@news.u.washington.edu>, keno@u.washington.edu
>(Kenneth Oakman) writes:
>
>>The Blue Angels are out, and the Canadian Snowbirds (I think that is
>their name)
>>are in this year in Seattle.
>
SNIP.....

Important thing there is not very much radio chatter doing an airshow routine. "Snowbirds...Smoke now!

so don't expect to hear too much. At most airshows the Snowbirds run the lead comands over the PA with the music..

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

6742. Re: Airport frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-23 20:42:10 UTC
From: dwyer@dirac.scri.fsu.edu
Message-ID: <30rvb2$82a@mailer.fsu.edu>
Source record: 271442
Cross-posted to: rec.radio.scanner,alt.radio.scanner

rfhamilton@VNET.IBM.COM wrote:
:>Someone gave me something really interesting...it is a copy of a page
:>from a book of some kind. The page is hole punched on the left margin.
:>The page deals with JFK Int'l Airport. It shows a map of the airport with
:>details of terminals, de-icing sites, hangars, runways and taxiways (with ===== their designations). It includes latitude/longitude,
:>various structures at the airport, cautionary notes and frequencies used
:>for various functions. While scanning you can follow the activity airport ===== while looking at the layout.

:>The frequencies listed, and their designations, for JFK are :
:>JFK 115.9 - On Airport, ATIS Departure - 115.1 and 128.72, Kennedy clear-
:>ance (CPT) - 135.05, Ground - 121.9, Tower - 119.1, New York Departure -
:>135.9, International Arrival Term. Ramp control - 130.77, Gen. Aviation ===== Term. - 12.95, VOT - 115.1.

:>I'd like to get similar pages for other airports in the area (LaGuardia,
:>Newark, Republic and Islip/MacArthur). Any ideas where to get them ?

Unless it's something specifically produced for JFK, it sounds like you might have a page from the US Terminal Procedures manual. I've got an old one for Florida that shows information similar to what you've described. You can get these guides from local flying clubs (I got mine at a small regional airport). They are published by NOAA and the Dept. of Commerce and usually cover a state or two in the same region.

Again, I'm not sure that's exactly what you have, but the Terminal manual contains the same information.

--
Frank Dwyer (dwyer@scri.fsu.edu) Office: 443 SCL (904) 644-6008
http://www.scri.fsu.edu/~dwyer FAX : (904) 644-0098
Unix System Manager / Systems Development Pager : (904) 422-4333

Supercomputer Computations Research Institute
Florida State University
Tallahassee, FL 32306

"Unix _IS_ user friendly... It's just selective about who its friends are."

6743. Kenwood Celluar Denied

Newsgroup: rec.radio.scanner
Date: 1994-07-23 21:06:00 UTC
From: russell.wright@xoanon.com
Message-ID: <9407240210197941@xoanon.com>
Source record: 271459

FCC DAILY DIGEST Vol. 13, No. 133 July 19, 1994

TEXTS

CELLULAR TELEPHONE CONVERSATIONS. Denied
request by Kenwood Communications Corp. for
reconsideration of portions of the rules adopted in the
Report and Order in this proceeding amending Parts 2 and
15 to prohibit marketing o radio scanners capable of
intercepting cellular telephone conversations. (ET Docket
No. 93-1 by MO&O [FCC 94-183] adopted July 8 by the
Commission)

6744. central bay area freqs..(cable,phone,gas,etc)

Newsgroup: rec.radio.scanner
Date: 1994-07-23 21:39:44 UTC
From: psycho@inferno.com
Message-ID: <032752GVJCJLBJXNQIFR@inferno.com>
Source record: 271443

I already have police and fire frequencies for the SF Bay Area, San Mateo and the central peninsula to be more exact. However i would like some frequencies for local cable,phone,gas,electric,etc.....stuff that can't be found as easily through books like Police Call (which i have and strongly reccomend).
+
Also, is there a FAQ for this group lying around somewhere? And is there a new freq directory accesible via telnet (like the one which used to be at tcomeng.com?)

All help appreciated.
Pete
San Mateo, CA
psycho@inferno.com

6745. Cell Site Verticals

Newsgroup: rec.radio.scanner
Date: 1994-07-23 21:48:37 UTC
From: jpll@vectorbd.com
Message-ID: <CtExx1.62A@vectorbd.com>
Source record: 271445

[Article crossposted from rec.radio.amateur.swap]
[Author was Jim Lill]
[Posted on Sat, 23 Jul 1994 17:46:32 GMT]

for trade or: Cellwave 10ft long 10dB Gain Cellsite vertical

--
- -
-Jim Lill- Vector Board BBS
jpll@vectorbd.com 716-544-1863/2645
wa2zkd@wb2psi.#wny.ny.usa.na GEnie: ZKD
--
- -
-Jim Lill- Vector Board BBS
jpll@vectorbd.com 716-544-1863/2645
wa2zkd@wb2psi.#wny.ny.usa.na GEnie: ZKD

6746. SOLD PRO-2021 THANKS!

Newsgroup: rec.radio.scanner
Date: 1994-07-24 01:45:00 UTC
From: jaylgold@crl.com
Message-ID: <30sh2s$58f@crl3.crl.com>
Source record: 271446

Subject: SOLD PRO-2021 THANKS!
Newsgroups: rec.radio.swap
Organization: CRL Dialup Internet Access (415) 705-6060 [login: guest]
Summary:
Keywords:

The Pro-2021 is sold.

Thank You

Jay Goldberg
Santa Rosa, CA.

6747. Radio Shack Frequency Counter Info

Newsgroup: rec.radio.scanner
Date: 1994-07-24 03:02:50 UTC
From: mat@netcom.com
Message-ID: <matCtFCGr.2Mp@netcom.com>
Source record: 271449

I own the Radio Shack Frequency Counter and it works fine
for scanner enthusiasts and it is only 99$. Features are lacking on it. My
only complaint is that there is no hold button. It is hard
to remember the freq. it counted before it disappears. The
only features that it has is you can select the gate time
fast or slow the faster it drops a decimal example....
870.3451 on slow gate or 870.345 on fast gate. It should
not mater if you are using it as a scanner tool. You can
also select the input type 50 ohm or Hi-Z. Hi-Z is used
for hooking it to the output of an oscilloscope. I have
had great fun with my counter. Especially when you are
driving and you see some one on there cell phone. You pull
up next to them and turn on the frequency counter. You
wait for it to register the cell frequency and then punch
it in to the scanner it is laughs. It works great for
finding those unknown frequencys. People do find it quit
strange that you are following them with this strange
device. I will include the Frequency Counters
Specifications they are as follows...........

LCD RF
Frequency Counter Cat. No.22-305

Gate Time .... 64 ms (Fast); 640 ms (Slow)
Display .... 8-Digit LCD
Display Update Rate .... 128 Ms (Fast)
1.28 S (Slow)
Display Resolution .... 1 kHz (Fast)
100 Hz (Slow)
Accuracy (when AC powered):
1 ppm +/- 1 Least Significant Digit
Operating Temperature:
+ 64 F (18 C)/+95 F (+35 C)
Power Requirements:
4 x AA Alkaline Batteries
4 x AA NiCad Batteries
or any 9 VDC Power Adapter - Center

INPUT CHARACTERISTICS
Range ....1 MHz to 1.3 Ghz
Sensitivity .... 150 mV min. 1 MHz to 1.3 Ghz
see table 1
Dynamic Range .... 10 mV to 1 V rms
Coupling .... AC
Input Impedance .... 50 Ohm or Hi-Z

Absolute Maximum Input Level ..... 1.4 V p-p
(You Might damage the counter
if you exceed this level.)

TIMEBASE

Frequency ..... 4 MHz
Initial Accuracy ..... 1 ppm

Typical Input Sensitivity (50 Ohm Mode)

Frequency (MHz) Sensitivity (mV)
0.2500 100
0.3000 60
0.4000 40
0.5000 25
0.6000 20
0.7000 18
0.8000 18
0.9000 14
1.0000 13
2.0000 7
3.0000 5
4.0000 5
5.0000 3
6.0000 3
7.0000 3
8.0000 3
9.0000 3
10.0000 2
20.0000 2
30.0000 3
40.0000 9
50.0000 9
60.0000 8
70.0000 11
80.0000 11
90.0000 10
100.0000 8
200.0000 5
300.0000 5
400.0000 8
500.0000 5
600.0000 6
700.0000 8
800.0000 8
900.0000 11
1000.0000 13
1100.0000 20
1200.0000 31
1300.0000 44

1400.0000 60
1500.0000 90
1600.0000 145

It comes with scematics wich is a +. If any one has any mod ideas mail or post them.

Mat mat@netcom.com

6748. Re: Airport frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-24 03:04:28 UTC
From: John Hall <jchall@delphi.com>
Message-ID: <5kxR72M.jchall@delphi.com>
Source record: 271447

<rfhamilton@VNET.IBM.COM> writes:

>Someone gave me something really interesting...it is a copy of a page
>from a book of some kind. The page is hole punched on the left margin.
>The page deals with JFK Int'l Airport. It shows a map of the airport with
>details of terminals, de-icing sites, hangars, runways and taxiways (with ===== their designations). It includes latitude/longitude,
>various structures at the airport, cautionary notes and frequencies used

You have the airport diagram page out of a pilot's appoach plate book,
most likely published by Jeppesen or the Federal Government. Anyone
can buy the government book at a local pilot/aviation supply shop. The
Jeppesen books, which many pilots prefer, are just becoming available
in stores, having been available before only by subscription.

Probably the cheapest source of the data you wish is the Airport
Facilities DIrectory, or one of the myriad other published flight
guides.

Or you could make friends with an instrument rated pilot who might
give you old copies because each book is only good for 56 days.
(I'd send you what you want except I only get California charts.)

Cheers,

John Hall

__
________| |======|==
\ | \ \\ \=====|== John C. Hall Tel: 714-545-5574 ==========
| | | |\ \====|== President Fax: 714-754-0135 ==========
| |_ / / \ \===|== ==========
| | \ _// | |==|== Email address: 71410.106@Compuserve.com ==========
/__| __/ /__/===|==
Rickenbacker International Corp. 3895 S. Main St. Santa Ana, Ca. 92707

6749. Re: FTP site for Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-24 03:25:43 UTC
From: nicka@mccmedia.com
Message-ID: <nicka-2307941925430001@nick.mccmedia.com>
Source record: 271448
Cross-posted to: alt.radio.scanner,rec.radio.scanner

> > It is my understanding that as long as the compilation of frequencies
> > is from a primary source (each individual) there are no legal issues
> > involved. Contrast this to a secondary source such as _Police Call_,
> > where if someone were to copy the freqs verbatim and post them to the
> > server, that would be illegal. (Unless the editors of _Police Call_
> > gave permission.) I believe that most published lists contain
> > key errors that can identify the list of freqs as a duplicate of the
> > copyrighted source.

This is not true for three reasons. First, facts cannot be copyrighted. It seems rather obvious that the contents of something like Police Call is just factual information. Second, most of these listings are take from federal government sources, which cannot be copyrighted. Finally, a relatively recent Supreme Court case, Feist v. Rural Telephone Company, set a rather strong precedent for this kind of copyright, basically tossing out the idea that "sweat of the brow" is a defense for copyright. In other words, it doesn't matter how hard you work at compiling something, if there isn't creative content, it's not copyrightable.

Nick

Multimedia Computing Corp. (strategic consulting)
Campbell, California

"We are surrounded by insurmountable opportunity." -- Pogo

6750. Re: Police & Medical Helo's

Newsgroup: rec.radio.scanner
Date: 1994-07-24 03:26:03 UTC
From: kjn@netcom.com
Message-ID: <kjnCtFDJG.Bq@netcom.com>
Source record: 271450

Donald McRoberts (donm@svpal.org) wrote:
: Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: : In article <774332959@f747.n115.z1> Jerry Smith <Jerry.Smith@f747.n115.z1.fidonet.org>
writes:

: : > -=> Quoting Nicholas Strauss to All <=-

: Stanford's Life Flight Helos use the following freqs:

: 854.0125, 852.2875, 858.3125, 854.0625, 853.7875

****
Be advised that CALSTAR also uses these same freqs.
****

Regards;
KJN
--
kjn@netcom.com (Ken Navarre)

6751. Re: MARINE CELLULAR BAND ???

Newsgroup: rec.radio.scanner
Date: 1994-07-24 04:43:01 UTC
From: scan911@aol.com
Message-ID: <30srgl$akf@search01.news.aol.com>
Source record: 271452

The marine cellular band.....used along Mississippi River and its tributaries. Towers on 217-218 MHz (12.5 kHz spacing) and boats on 219-220 MHz. Boats moving along river change towers as the go along. A lot of fax and data on these channels....and boathands calling their girlfriends and lover.

Chuck Gysi, N2DUP
SCAN911@aol.com

6752. Re: zipped Ontario freq. guide 1.zip, 2.zip

Newsgroup: rec.radio.scanner
Date: 1994-07-24 05:00:47 UTC
From: schuh@zeno
Message-ID: <30sshv$c2e@balsam.unca.edu>
Source record: 271456
Cross-posted to: ncf.sigs.radio-scanner,alt.radio.scanner,rec.radio.scanner

Rose Lee Kim (au532@FreeNet.Carleton.CA) once wrote:

: The items below 1.zip 2.zip are Ontario Canada Radio Freqs. They are
: compressed with pkzip. 1.exe is listings from a-m (Hamilton,
: Mississauga etc.) while 2.exe contains m-z (ie: Ottawa, Toronto)
: use your binary transfer function of your comm software..

What did you do? ASCII upload the files into your mail reader????
How about uuencoding them before posting them next time.

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

6753. Radio Shack DSP

Newsgroup: rec.radio.scanner
Date: 1994-07-24 05:41:59 UTC
From: dhartzell@ins.infonet.net
Message-ID: <30suv7$rnr@insosf1.infonet.net>
Source record: 271349

Does anyone know of the Radio Shack DSP? I read an article about it in
QST magazine. Any useres yet?

6754. Information on Handheld Scanners

Newsgroup: rec.radio.scanner
Date: 1994-07-24 05:56:01 UTC
From: traynort@ucs.orst.edu
Message-ID: <30svph$a69@gaia.ucs.orst.edu>
Source record: 271457

--

Tedd Traynor E-Mail traynort@ucs.orst.edu
Oregon State University The Rebellion Paintball Team
(503) 752-4719 TIP #204 "Lt. OVERKILL"

6755. Re: Information on Handheld Scanners

Newsgroup: rec.radio.scanner
Date: 1994-07-24 06:10:23 UTC
From: traynort@ucs.orst.edu
Message-ID: <30t0kf$ai6@gaia.ucs.orst.edu>
Source record: 271458

In article <30svph$a69@gaia.ucs.orst.edu>,
Tedd Traynor <traynort@ucs.orst.edu> wrote:
>
>--
>____
>Tedd Traynor E-Mail traynort@ucs.orst.edu
>Oregon State University The Rebellion Paintball Team
>(503) 752-4719 TIP #204 "Lt. OVERKILL"

--
____
Tedd Traynor E-Mail traynort@ucs.orst.edu
Oregon State University The Rebellion Paintball Team
(503) 752-4719 TIP #204 "Lt. OVERKILL"

6756. AOR-8000

Newsgroup: rec.radio.scanner
Date: 1994-07-24 09:14:44 UTC
From: meyer@whatever.cs.jhu.edu
Message-ID: <30tbe4$c1s@blaze.cs.jhu.edu>
Source record: 271461

I got a bunch of questions about the thing. Please don't flame
me for reasking something which might seem obvious, its unneccessary.

When is it due out (or is it already out)?
Are there any reviews of it?
Is it computer controllable?
What is the status of cellular on it? Can it be modified by
replacement of a ROM/PROM/EPROM/EEPROM chip. Are
foreign models available without cellular restrictions? etc...

Thanks.

Dan

6757. RS-2036 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-24 11:41:20 UTC
From: plymale@mousetrap.es.vt.edu
Message-ID: <30tk10$5h@solaris.cc.vt.edu>
Source record: 271463

One of the local Radio Shacks just received a new scanner,
model RS-2036. A look at the manual showed interesting
features such as auto store capability of active frequencies
during a range search. Anyone know if this model offers
triple-conversion, or other desirable features?

The RS-2036 appears similar to the Bearcat 890XLT scanner.

Thanks,
Bill

--

Bill Plymale plymale@mousetrap.es.vt.edu 703-231-9530
Virginia Tech (Enrollment Services Information Systems)

6758. Aux Speeker for BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-24 13:02:30 UTC
From: JPINTO@VNET.IBM.COM
Message-ID: <19940724.090230.367@VNET.IBM.COM>
Source record: 271333

I have a Bearcat BC200XLT and would like to find out if anyone knows if an aux amplified portable speeker exists that will work with a handheld unit. I find the audio of the 200 to low when driving in a car or have it hanging on a belt clip under several layers of winter clothing. I tried an un-amplified remote lapel speeker from radio shack but found that I needed to crank the volumn near full to power the speeker. There is alwas the ear plug but I don't care for that option. Any advise would be appreciated. Thank you in advance.

6759. MVT 7100

Newsgroup: rec.radio.scanner
Date: 1994-07-24 13:22:34 UTC
From: an113259@anon.penet.fi
Message-ID: <132302Z24071994@anon.penet.fi>
Source record: 271464

I remember hearing alot about this scanner awhile back, about how for a continous scanner, it was really good. (Best of it's kind anyway)

At anyrate, it was enough to spark my interest, and I am looking for one, that has no blocks. Of course this means that most US companies don't have what I want. Does anyone know of where I can ge ahold of one?

Thanks

Fubar

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

6760. Handheld Scanners

Newsgroup: rec.radio.scanner
Date: 1994-07-24 15:27:33 UTC
From: traynort@ucs.orst.edu
Message-ID: <30u195$osn@gaia.ucs.orst.edu>
Source record: 271466

Newsgroups: rec.radio.scanner, alt.radio.scanner
Subject: Handheld Scanners
Summary: Scanners
Expires:
Sender: Tedd Traynor
Followup-To:
Distribution: world
Organization: Oregon State University, Corvallis
Keywords:
Cc:

Sorry about the first post. It is my first. I am interested in starting a discussion on handheld scanners. As I am new to scanners I have been reading this newsgroup to learn as much as I can. I would like to pose a few questions.

1. I have heard of a few models of scanners. Pro43, BC-200, BC-2500xlt, and Icom R-1 are a few that maybee all the newbee's to scanning would like to here about. Also, any not mentioned could be game. The Idea is to here from people that know about these radio's and have opinions as to why x is better than y and so on.

2. What is the reason scanners that get 200mhz-406mhz cost $100+ more than scanners without those frequencies. Is it worth it?

3. Where is the best places to get a decent price on scanners.

If this is an overdone thread then please send me info by E-Mail. Although I think there are many people that might like to read about this in news. Thanks for your time

Tedd

--

Tedd Traynor E-Mail traynort@ucs.orst.edu
Oregon State University The Rebellion Paintball Team
(503) 752-4719 TIP #204 "Lt. OVERKILL"

6761. Concert Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-24 15:28:07 UTC
From: tpeckish@iti.org
Message-ID: <30u1a7$o5v@vixen.cso.uiuc.edu>
Source record: 271465

Is anyone familiar with (or know where to
find out) the frequencies used
by the sorts of wireless microphone, monitor,
and guitar equipment used by amateur and professional
musicians? How are frequencies allocated to
touring acts? Are these "itinerant"? Or
does the short range make them exceptional?
Also, does the high end stuff use encrypted or
digital encoding that would make it more difficult
to hear?

Please email or post if you think your
reply is of general interest.

Thanks much,
TJP

6762. Discone antenna

Newsgroup: rec.radio.scanner
Date: 1994-07-24 16:35:00 UTC
From: marty.toomajian@woodybbs.com
Message-ID: <93.365.7592.0NFB2C72@woodybbs.com>
Source record: 271227

You will like the Diamond or similar model from Grove if you like to
listen below 50MHz. Similarly if you don't care a lot for below
50MHz you can get by with the RS Discone. I boought the RS, put it
together, tried it, took it apart and then returned it for a refund.
There was considerable time wasted. I have owned my Diamond
since late 1987 with no regrets.
---
* Origin: Radio FREQS' Latham, NY (518) 782-0507 (1:267/103)

6763. Re: Uniden 8500XLT Discontinued?

Newsgroup: rec.radio.scanner
Date: 1994-07-24 18:35:53 UTC
From: steven@sgb.oau.org
Message-ID: <CtGJnu.CAp@sgb.oau.org>
Source record: 271331

Andy Domonkos (domonkos@access.digex.net) wrote:
: Grove Enterprises informed me today that the Uniden 8500 has been
: discontinued due to inherent technical problems. Anyone else hear this?

: Andy

It -may- be true it's discontinued. But since we are speaking of
The Grove Garbage [Can], I'd suggest getting a second opinion from
a reputable dealer. Grove's reputation is one of "if it will help
us sell more, we're behind it 100%" - and they are known to stretch
the truth to encourage panic buying -- See any of their catalogs (of
the past few months for proof of that).

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6764. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-24 19:01:52 UTC
From: steven@sgb.oau.org
Message-ID: <CtGKv6.D66@sgb.oau.org>
Source record: 271332

bill nelson (billn@hpcvaac.cv.hp.com) wrote:
: latimer@chinook.halcyon.com (Philip B. Latimer) writes:
: : Hi Everybody!
: :
: : I have a subject that I would like some feedback on. It is my
: : understanding of the recently enacted rules covering scanners that
: : although no newly manufactured scanner may be capable of, or may be
: : easily modified to receive cellular transmissions, it IS still legal to
: : sell kits that will modify a scanner to these abilities. I also
: : understand that it is legal to sell a cellular capable scanner in kit
: : form that a consumer can put together themselves. Am I correct in my
: : understanding of these items? If so, where are these products? Why
: : haven't the scanner makers jumped on this oppertunity? Any & all comments
: : on this would be welcome.

: No. You should be able to purchase repair parts, to repair a scanner that
: already receives the cellular frequencies.

: However, modification kits are now illegal - as are frequency converters.
^^^^^^^^^^^^^^^^^ ^^^^^^^^^^

<<< WARNING -- ENGAGING TURBO FLAME MODE >>> <<< FULL POWER >>>

WRONG Bill! Kit's are NOT illegal under any present law. Since a
kit is not a complete product it does NOT require FCC approval, and it is
not considered an imported or manufactured product. Admittedly, the person
who builds such a device could be thought of as a manufacturer, but the point
stands that a KIT, ie parts, board, box, plans, IS NOT ILLEGAL.

If it were, you would of course point out the section of documentation
to support that claim (waiting to see documentation references).

Modification kits are also NOT illegal -- the law states that scanners
which can be readily modified are. But, the parts to restore them to the
original INTERNATIONAL factory standards (which the U.S. government thought
to try and make a U.S. Standard instead, meaning NON-CONTINUOUS) ARE NOT
ILLEGAL to purchase or install.

I'd really like to see someone put in the time -- come out with the
kits and make a mint -- as they could thank the U.S. Government for the
new business. As far as I can see, with the PRO-43, all it would need is
for the digital/logic board to be swapped. That board (in its international
version) is something I plan to find out the cost of. I mean the entire
board (that has the processor, diodes, etc). It is all digital, therefore,
no tuning is needed after the swap. Get the picture? This could be the
easiest modification so far, you order in the board, move D3 to D4, open up

the Pro-43, extract the broken US-censored board, replace with board from the Tandy-UK market, re-assemble. Done. That is one angle I am pursuing.

Now, I left that above to illustrate the points. The board is NOT FCC approved, but that board is NOT a scanner of 4 or more channels, nor is it a manufactured product. It is a board, with parts. It does not function on its own. The limitations of duties is to the value of the BOARD. NO LAW AGAINST IT. If there is, PLEASE CITE YOUR REFERENCES.

Thanks.

: Both are covered by the ECPA.
^^^^^^^^^^^^^^^^^^^

WRONG AGAIN! The ECPA does not state you can not convert receivers to receiving cellular, it deals with how you use the device, not what the device is capable of doing. While the ECPA says its against the law to LISTEN *unless* you are looking for a source of interference, it does not prevent you from possessing equipment capable of doing so, OR re-selling such equipment to others.

: I don't know if scanner kits have to be type accepted, or not. If they do,
^^^^^^^^^^^^
KITS CAN NOT BE FCC TYPE ACCEPTED. This is due to the style of case must be taken into account. Since these normally allow for an OPTIONAL case kit to make it look professional, they do not include the case to avoid any chance of needing FCC approval. Since without the case, the FCC could not approve it.

KITS are a bag of parts. Plans. Box. These are basic raw materials. You may build it as described, or you may have bought the box and parts for something else which just happened to have what you needed. NO FCC approval needed or obtainable. Not a manufactured product.

: then you will not be able to legally buy one that can easily be modified to
: receive cellular transmissions.

<<< REDUCING FLAME MODE TO 50% POWER >>>

You need to brush up on the law a little. Hopefully the comments above will set you in the right direction. You are off course enough degrees to miss the runway right now. If you have legal references, please cite them in a follow-up. Thanks.

<<< FLAME MODE OFF >>>

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6765. Car shows up as 32

Newsgroup: rec.radio.scanner
Date: 1994-07-24 19:09:56 UTC
From: slee@netcom.com
Message-ID: <sleeCtGL8L.wK@netcom.com>
Source record: 271467
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I was listening to SFPD and they were saying a car comes back as 32, does anyone know what this means? You can post the answer in this group as I read it frequently. Thank You.

--

****
Sherwin Lee
slee@netcom.com or slee@eis.calstate.edu
****

6766. [WANTED] Mod for Pro-2003?

Newsgroup: rec.radio.scanner
Date: 1994-07-24 20:46:15 UTC
From: Bat@cyberden.com
Message-ID: <3090477022.13899563@cyberden.cyberden.com>
Source record: 271328

Are there any modifications available for the Radio Shack Pro 2003 scanner out there?
Bat

--
The CyberDen - Worldwide Alternative Music & Entertainment Network
415-472-5527 - Labels, Zines, Multimedia, Bands, Artists, Cultures
cyberden.com - Telnet and anonymous FTP -> Info: info@cyberden.com

6767. My Uniden Bearcat BC140 scanner failed, get just a buzz now

Newsgroup: rec.radio.scanner
Date: 1994-07-24 21:42:12 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseCtGsAD.J4A@netcom.com>
Source record: 271468
Cross-posted to: rec.radio.scanner,sci.electronics.repair

My old scanner, a Bearcat BC140 10 channel scanner, has a failure. I just get a buzz, and no led display. Figured the power adaptor went bad, and used a regulated power supply around 12 volts, still no good. Well, I get a "1" on the led display, but no scan, keys dead, somethimes a bit of crackle from the speaker. Squelch and volume don't do anything.

Anyone have this or similar problem, and found what defective part did it?

Scanner worked fine a few days before.

I got myself a PRO 2006 some months ago, so I'm not "deaf". But this old one had its uses, and if it's a standard problem that my failure is, I'd like to fix it. Or else it goes into the junk box.

6768. Emebassy frequencies,Washington DC

Newsgroup: rec.radio.scanner
Date: 1994-07-24 21:53:16 UTC
From: paulot@cais2.cais.com
Message-ID: <30unsd$eu6@sun.cais.com>
Source record: 271469

Anyone out there got a collection of frequencies used by foreign
embassies in the nations capital,Washington,DC?
I'l take anything,like RTTY and other digi modes,even VHF-UHF if available.
Many thanks in advance de Paulo,N3MGA

6769. Re: That happened to me!

Newsgroup: rec.radio.scanner
Date: 1994-07-24 21:54:51 UTC
From: Sherrod.Munday@launchpad.unc.edu
Message-ID: <30unvb$orr@lambada.oit.unc.edu>
Source record: 271470

In article <090310Z23071994@anon.penet.fi>,
Fubar <an113259@anon.penet.fi> wrote:
>Robert> Hope the folks at the airport don't think I'm a terrorist or a spy.
>
>That happened to me in Miami. Two scanner people stoped me to have me open
>my backpack. They opened it because they were argueing over what my
>flashlight was. (apperently they look differnt under x-rays). Then my
>scanner devloped a suspicious look from one of the women and I
>demonstrated that it was a "radio reciever, like a car radio".
>
>Least I got through.
>
>Fubar

What I do is simply wear the critter on my belt through the airport (leave it squawking on police freqs, etc if you want), then when I go through the metal detector, just pull the unit from the leather belt case and hand it to them. I might suggest that you unsquelch it fully to blare static when you hand it to the detector attendants, so that they can tell it's a real radio and not just an empty C-4 packed case. Only offer explanations if they ask about it.

Sherrod

--
-- --
Launchpad is an experimental internet BBS. The views of its users do not necessarily represent those of UNC-Chapel Hill, OIT, or the SysOps.
-- --

6770. Re: CHP<->Police Conversation

Newsgroup: rec.radio.scanner
Date: 1994-07-24 22:40:01 UTC
From: dgoodman@aol.com
Message-ID: <30uqk1$ss5@search01.news.aol.com>
Source record: 271471

In article <CtCn2A.HML@optilink.com>, calley@optilink.dsccc.com (Chris Calley) writes:

>At one point, I
>could hear both sides of conversation where one end was a sheriff
>deputy in the field, and the other end was, I believe, CHP dispatch.

This may true elsewhere in the state as well, but in San Mateo county, I often hear the county sherrif communicating directly with CHP mobiles (91-xx units) on county frequencies. In other words, the CHP units have county-capable radios with them. It's possible that the CHP mobile didn't have good enough comms with CHP dispatch in that particular location, so used county radio for assistance.

Danny Goodman

6771. Re: Car shows up as 32

Newsgroup: rec.radio.scanner
Date: 1994-07-24 22:44:06 UTC
From: dgoodman@aol.com
Message-ID: <30uqrm$stp@search01.news.aol.com>
Source record: 271472

In article <sleeCtGL8L.wK@netcom.com>, slee@netcom.com (Sherwin Lee) writes:

>I was listening to SFPD and they were saying a car comes back as 32, does

>anyone know what this means?

According to "Monitoring America," that code (10-32) means the car (or person) is clear (i.e., not stolen, no wants or warrants, etc.).

Danny Goodman

6772. Introduction to Scanning

Newsgroup: rec.radio.scanner
Date: 1994-07-24 23:50:21 UTC
From: parnass@ihlpf.att.com
Message-ID: <CtGy7x.3Cv@nntpa.cb.att.com>
Source record: 271474
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

Last changed: July 1, 1994 |

Introduction to Scanning
by Bob Parnass, AJ9S

[NOTE: This article may not be reproduced in whole or in part on CDROMS, in bulletin boards, networks, or | publications which charge for service without permission of the author. Free distribution is encouraged.]

This introduction is intended for people new to the scanning hobby and is oriented to scanning in the USA. It tells where you can buy your first scanner, what features it should have, where to get it repaired if required, how to get frequency information, and mentions a few scanner clubs worth joining.

Why Scanning?

Every day and night, scanner hobbyists are entertained by what they overhear on their radios. Police cars, fire engines, ambulances, armored cars, trains, taxis, airplanes, and buses are all equipped with radios and you can listen to them. You can monitor the local sheriff and fire departments to hear about events "as they happen," before the news reporters hear about them. Hostage dramas, bank robberies, car crashes, chemical spills, tornado sightings are all fair game. In a single afternoon, you can hear a high speed police chase, Drug Enforcement agents on a sting operation, and undercover FBI agents as they stakeout a suspect.

How about listening to a presidential candidate discuss strategy with his advisor from a 415 MHz radiophone in Air Force 1, or a team of G-men protect him while transmitting in the 167 MHz range?

Listen in the 46.61 - 49.97 MHz range to your neighbors deal drugs over their cordless telephone, or as their conversations are picked up and transmitted over the airwaves between 49.67 and 49.99 MHz by their sensitive baby monitor intercom.

Stay ahead of road conditions by listening to highway road crews, snow plows, and traffic helicopter pilots.

Take your scanner to sporting events and listen to race car drivers, football coaches, etc., in the 151, 154, and 468 MHz ranges.

Monitor the everyday hustle and bustle of businesses, from cable TV repair crews tracking down pirate descrambler boxes, to security guards at your nuclear power plant or mall security guards chasing a shoplifter.

You can even listen to the order taker's wireless microphone at the local McDonald's restaurant on 154.6 and 35.02 MHz!

Is Scanning Legal?

In the United States, scanning from your home or at work is perfectly legal in most situations. The Electronic Communications Privacy Act of 1986 made it illegal to listen to mobile phones, common carrier paging, and a few other types of communication, but many scanners cover these frequencies, and it's clear that Americans still listen to whatever they want in the privacy of their own homes despite the ECPA. Change is in the wind -- when existing stocks are depleted, it will be illegal for companies to sell scanners which cover the cellular phone frequencies, but sales by private individuals will still be allowed.

Speaking of privacy, federal law also requires you to keep what you hear to yourself and not use the information you hear on your scanner for personal gain.

Be aware that several states have laws pertaining to scanning while in your car. Indiana restricts some portable scanners. A few states have recently enacted laws against listening to cordless phones, but it's currently legal to listen in most states. You can find out about these restrictions in a 39 page paperback, ANARC Guide to U. S. Monitoring Laws, compiled by Frank Terranella, available for $7.50 from ANARC Publications, P.O. Box 462, Northfield, MN 55057.

What Scanner Should I Buy?

Radio Shack and Uniden (maker of Bearcat, Regency, and Cobra brands) offer a wide choice of scanners. Radio Shack scanners bear the Realistic label but are actually manufactured by both GRE (General Research Electronics) and by Uniden. Personally, I don't recommend AOR brand scanners.

Programmable (synthesized) units have replaced crystal controlled models as they don't require crystals and usually have a keypad that permits you to store frequencies into channels. Programmables are now so cheap it doesn't

make sense to buy a crystal unit as your main scanner unless you get it for under $45 or so.

You can get a battery operated hand held scanner, a bigger "base" scanner which is powered from an AC outlet, or a mobile scanner which connects to your auto's electrical system. There are tradeoffs -- base and mobile scanners almost always provide more audio than portables, and portables are usually more prone to interference when connected to outdoor antennas than base models. But when severe weather knocks out the power in your home, there's nothing like having a battery operated scanner to monitor the power utility and police frequencies!

Make sure your first scanner:

1. has a "search" feature, which allows it to search all the frequencies between two frequency limits of your choosing. The lowest cost programmables can't search.
2. covers the 800 MHz band unless you live in a very rural area where this band is not used. Usage of the 800 MHz band is growing by leaps and bounds.

If you're not sure whether you'll like scanning, don't want to spend much money, a 16 channel radio will do. In general, the more channels and banks, the better.

Most of the action takes place on frequencies between 30 and 1000 MHz, so don't be misled by scanner models boasting coverage from 3 to 2000 MHz. There's currently not much to monitor in the 1000 - 2000 MHz range.

If you are interested in receiving short wave, that is, signals in the 3 - 30 MHz range, it's best to get a short wave radio designed for that purpose. Although some scanners receive the short wave band, their performance in that range is often poor.

Deluxe scanners can be controlled by a personal computer, although this feature isn't important to most scanner owners.

Currently, the more popular scanners include the Uniden/Bearcat 760XLT (a/k/a 950XLT) and Radio Shack PRO-2006 base/mobiles, and the Uniden/Bearcat 200XLT (a/k/a 205XLT) and Radio Shack PRO-43 portables.

Scanner Antennas

All scanners come with a built in antenna, permitting reception up to about 20 miles or so. Outdoor antennas, like the Channel Master 5094A or Antenna Specialists AV-801, can extend reliable reception to 100 miles or more.

If you do use an outdoor antenna, be sure to disconnect and ground it during storms and when not in use to avoid a lightning hazard. Discone and ground plane type antennas can be somewhat more prone to lightning strikes because they are not at "DC ground."

Where Can I Buy A Scanner?

Almost every community has at least one Radio Shack store, and you can find scanners there. Discount chain stores like Wal-Mart, K-Mart, Service Merchandise, and Circuit City sell scanners, but carry just a few models. Department stores, like Sears Roebuck and Montgomery Wards, sometimes offer scanners, although at high prices.

The best buys on new scanners are from reputable mail order radio dealers, for example:

- Grove Enterprises, 300 S. Highway 64 West, Brasstown, NC 28902. For a free catalog, call (704)837-9200.

- National Tower Company, PO Box 15417, Shawnee Mission, KS 66215. Telephone (913)888-8864.

- Marymack Distributing (Katy, TX) sells Radio Shack scanners at discount, but charges a restocking fee for returned merchandise. Telephone (713)392-0747.

- Scanner World (Albany, NY). Telephone (518)436-9606.

Beware of inflated "shipping and handling" charges and be sure to include these when comparison shopping.

Many ham radio dealers, like Amateur Electronics Supply (Milwaukee, WI, (800)558-0411), also sell scanners.

Used scanners may be found at hamfests, flea markets, or listed in the classified advertisement section of your newspaper.

Modifying Your Scanner

If you are handy with a soldering iron, you may be interested in modifying your scanner to add features or enhance its performance. Be warned this usually voids your warranty. Modification article files can be copied from several ftp sites including the /pub/ham-radio/mods directory at:

ftp.cs.buffalo.edu
garfield.catt.ncsu.edu
oak.oakland.edu (IP address 141.210.10.117)

KD4MOJ maintains a scanner modification server for people without FTP access. You can request a list of scanner

modifications by sending electronic mail with the words GET INDEX.TXT to FTPmail@exchange.tlh.fl.us

Scanner Repair Shops

Is your scanner broken? Aside from sending the scanner back to the manufacturer for repair, here are least two companies which repair scanners:

1. Electronic Repair Centers (telephone 708-455-5105) - Several people have been pleased with good repair service from Electronic Repair Centers in Franklin Park, Illinois. Although they are not authorized to perform warranty work, this outfit has been repairing Bearcat scanners for several years. They charge a flat rate of fixing scanners, and shipping is extra. Electronic Repair Centers will fix Regency scanners if they can obtain the parts.

2. G & G Communications (telephone 716-768-8151) - This family owned company repairs scanners and stocks parts for several older models. G & G sometimes buys old scanners, too. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Where Can I Obtain Frequency Information?

To avoid chaos, the FCC licenses two-way radio users and assigns them specific frequencies. Groups of frequencies are allocated to specific types of users, so you won't usually find fire departments using the same frequencies as taxi drivers, for example.

Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners.

Books: The most convenient source of fire, police, and local government frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores.

I also recommend the book, Monitor America, 2nd edition published by SMB Publishing, and available from Grove Enterprises for about $25. This single edition contains several pages of police, fire, local government, news media, sports, federal government, and commercial broadcast frequencies for all 50 states. It contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even

the smallest of towns.

Uniden has published several regional directories using the "Betty Bearcat" name, although there are much better directories available from Scanner Master (Newton Highlands, MA) for some regions.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's 168 page Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 6th edition is available from Grove Enterprises for about $19. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range.

Commercial Magazines: Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times (tel. 704-837-9200) and Kneitel's sensationalistic Popular Communications, (tel. 516-681-2922). National Scanning Report is a national scanner magazine published bimonthly and is affiliated with Uniden's Bearcat Radio Club. It will likely disappoint experienced scanner hobbyists and is better suited for beginners. The best scanner frequency lists are often found in club publications, not commercial magazines, and are discussed later.

Government Records: Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS). The high cost of buying government records limits their appeal to hardcore enthusiasts. You can write for a catalog of FCC Master Frequency Database items to the NTIS, 5285 Port Royal Road, Springfield, VA 22161.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100.

Grove enterprises sells FCC license information on floppy disks. Disks for each state are sold separately, and the information is basically the same as the FCC "state sort," i.e., transmitter location (state/city), callsign, licensee name, and type of license.

Do Your Own Frequency Detective Work

When you try listening to a frequency for the first time, you'll want to know who you're hearing.

Although FCC rules require radio users to identify their operations with their assigned call letters, most ignore the regulation. This often makes it difficult to know who is transmitting. Moreover, many radios are now being placed in service illegally, without first obtaining the required FCC license.

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and try to determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

You can examine the FCC license on premise. I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the mall security office or company guard shack. You can examine the labels on radio equipment. Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto terminals, it's not uncommon to find labels embossed with frequencies or call letters glued to the front of base stations.

You can make your own opportunities for eyeing the equipment or take advantage of "open house" events. If information is displayed publicly, then a reasonable person could assume it's not government secret. Hobbyists are urged to exercise a modicum of restraint and good judgement, however.

How Can I Use Equipment
to Uncover New Frequencies?

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. A few models, like the ICOM R7000/R7100, and R1, and older Bearcat 250 and Regency K500, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy, a Radio Shack CTR-82 will do. It's best to | use a shielded, attenuating cable to feed the scanner audio into the recorder rather than relying on the recorder's internal microphone.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

Are There Any Scanner Clubs?

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than any pile of magazines.

The world's largest scanner club is the Radio Communications Monitoring Association (RCMA). Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are $24.00 per year, which includes the monthly RCMA Journal, which consists of approximately 95 pages. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz.

Inquiries about RCMA membership should be sent to RCMA
General Manager, P.O. Box 542, Silverado, CA 92676, USA.

All Ohio Scanner Club

A smaller club is the All Ohio Scanner Club. Its bimonthly
publication, The American Scannergram, is about 60 pages
long. Although concentrating on Ohio, there is frequency
information from other states, and plenty of good product
reviews and scanning tips.

Annual dues are $18 and more information is available from:

Dave Marshall, Managing Editor
All Ohio Scanner Club,
50 Villa Road,
Springfield, OH 45503.

AOSC questions can also be sent electronically to:

rccons!aosc_hq@telerama.pgh.pa.us or
dave.marshall@f240.n108.z1.fidonet.org.
FidoNet: 1:108/240.0

AOSC also has a MEMBERS & EDITORS Scanner related echo,
AOSCNet, distributed via FTN on 6 BBS systems, and via
Internet Mailing list. Rick Christian advises these strict
rules for the AOSCNet Scanner Radio Echo (as of 2/1/94):

1. No discussion of cellular modifications or discussions
on how to monitor cellular transmission.
2. No discussions on topics which would violate the ECPA
'84, TDDRA '93, (18 USCA 2510 et seq.) or
Communications Act 1934 & 1984 as amended (47 USCA
705), i.e., decoding/reception of paging, cellular,
encrypted stuff, descrambling etc..
3. No Aliases.
4. No discussion of Shortwave or Amateur Radio material
(except SAREX).

For info on the ECHO only, contact:

R.E. Christian, AOSC PA/AOSCNet Founder
PO BOX 12763,
Pittsburgh PA 15241-0763.
FAX: 412-831-5860.

Internet: rccons!aosc_pa@telerama.pgh.pa.us
rccons!aoscnet_hq@telerama.pgh.pa.us
rick.christian@f220.n129.z1.fidonet.org
FidoNet: 1:129/220.0

To receive a file of info on the All Ohio Scanner Club via
Internet send to: rccons!ftpmail@telerama.pgh.pa.us

In body: get aoscinfo.zip

This will send a UUENCODED info packet to you. The file contains an outline of the material you will find in the American Scannergram, the AOSCNet, and an application for membership. (Note: This file will not be sent back to *.fidonet.org addresses.)

Chicago Area Radio Monitoring Association

The Chicago Area Radio Monitoring Association (CARMA) is the foremost club for scanner radio hobbyists in the northern Illinois area. CARMA was formed from the Chicago chapter of the Radio Communications Monitoring Association (RCMA), and we have been meeting since the early 1980s.

Many CARMA members are active in ham radio and GMRS, but the club is devoted to scanning and scanners.

Meetings are held on Saturdays at area restaurants, about 6 times a year. Although lunch starts at noon, the meetings begin officially at 1 PM and often run until about 4 PM. You must purchase a lunch since we get the room for free. Meetings consist of a quick review of club business, sometimes a special presentation, and a "round table" discussion/question & answer session. Large quantities of information and frequency lists are often distributed in the form of free handouts. Members sometimes sell radio equipment at the meetings, too.

In addition to regular meetings, there are two CARMA picnic/field days during which members meet at a park, erect antennas, eat, and operate scanners from battery power. CARMA members take organized tours of various communications facilities in the area.

Club meeting dates and times are published in the CARMA newsletter, published 6 times a year. A one year subscription is available by mailing a $10 check, payable to Kim Moran, to:

The Command Post
attn. Kim & Ted Moran
6143 W. Touhy Avenue
Chicago, IL 60646

Many CARMA members participate on the CARMA computer bulletin board, run by Will Sperling. If you have a modem and terminal or computer, you can reach the CARMA BBS by calling (708)852-1292.

Here is a tentative meeting schedule for the remainder of 1994. All meetings will be held on Saturdays at the Destiny Restaurant, 1440 Rand Road, Des Plaines, IL:

August 13
October 15
December 10

Bring a notebook and your appetite.
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Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6773. antenna and cable

Newsgroup: rec.radio.scanner
Date: 1994-07-24 23:51:35 UTC
From: paulk@cs.pitt.edu
Message-ID: <30uuq7$gc6@usenet.srv.cis.pitt.edu>
Source record: 271473

I have a spool of RG-39/U, 73 ohm cable with no insulation. Is this stuff ok
to use for a remote antenna ?

I have a TV antenna in my atic that's not being used, would a run
of the above cable to the TV antenna improve reception?

thanx
paul

6774. How to Find Scanner Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-24 23:52:35 UTC
From: parnass@ihlpf.att.com
Message-ID: <CtGyBn.3ED@nntpa.cb.att.com>
Source record: 271325
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed July 2, 1994 |

HOW DO YOU FIND THESE SCANNER FREQUENCIES?

by Bob Parnass, AJ9S

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I am often asked, "How do you find these frequencies?" Scanner enthusiasts can obtain frequency information from several sources, including books, government microfiche records, or other listeners. |

Books

The most convenient source of fire and police frequencies is the Police Call Radio Guide, published each year in 9 regional volumes by Hollins Radio Data, and sold at Radio Shack and larger book stores for under $10. Police Call is basically a computer printout of FCC license information in the fire, police, local government, and conservation services in two lists: by licensee name within state, and by frequency. Later editions have included a few pages of local airport and nonsensitive federal government frequencies.

I highly recommend Richard Prelinger's 1992 book, Monitor America, published by Scanner Master Corp., and available from Grove Enterprises for about $25. This second edition is crammed full of police, fire, local government, news media, sports, national park, and commercial broadcast frequencies for all 50 states. The information was compiled mainly from members of the world's largest scanning club, the Radio Communications Monitoring Association (RCMA). Monitor America contains detailed communications system profiles and precinct maps for major metropolitan areas. Police and fire radio codes and unit identifiers unique to local agencies are listed for several cities. This differs from Police Call, which gives a more sterile, but uniform treatment of licensees, listing even the smallest of towns.

Scanner Master also publishes regional frequency guides for Illinois, Florida, Virginia, Massachusetts, New Jersey, and other states.

Beyond Police Call, available from several sources including Radio Shack, covers the business, schools, and other stations not covered by Police Call, its sister publication. One volume covers the entire USA, but no call signs are shown.

Aeronautical frequencies are covered in the Aeronautical Frequency Directory, written by Bob Coburn, W1JJO. Although most of the information is about civilian aviation, Bob included sections on military mid-air refueling and CAP. The second edition is about 400 pages and is available from Official Scanner Guide. The same publisher sells the Maritime Frequency Directory and frequency guides for several New England states. Some of these books are available through Radio Shack, too.

The most readily available source of sensitive US government frequencies is still Tom Kneitel's Top Secret Registry of US Government Radio Frequencies. Published by CRB Research, the 8th edition is available from Grove Enterprises for about $20. Kneitel's book contains frequency listings for NASA, military, FBI, Secret Service, DEA, IRS, Border Patrol, arsenals, ammunition plants, missile sites, and others in the 25 to 470 MHz range. Since the US government no longer offers frequency information for its own stations, and has never published sensitive frequencies, most of the information in Kneitel's book has been collected from listeners over the years. It is certainly not complete, nor 100% accurate, but is the best book in print for this difficult to obtain information.

A more accurate, but smaller and less comprehensive book is Midwest Federal Frequency Directory. It was published in 1986, and copies are getting scarce. Copies may still be available for $10 from Scan America.

Magazines

Although national in circulation, local frequency information is sometimes available in Grove's Monitoring Times and Kneitel's sensationalistic Popular Communications.

Government Records

Every year, the US Government sells FCC license information, in the form of microfiche, floppy disk, and magnetic tape, to the public through the US Department of Commerce National Technical Information Service (NTIS).

These lists contain license information for the industrial (e.g. Illinois Armored Car, Pinkerton's Security, Joe's Towing, etc.), highway maintenance, commercial broadcast, aviation, common carrier, and maritime services, as well as for police and fire. For more info call NTIS at 703-487-4630.

Microfiche is not for the casual hobbyist, but rather for the ardent listener, who can easily spend a few hundred dollars for the fiche, not including the price of a microfiche reader.

Back in "the good old days," Grove Enterprises sold copies of some FCC microfiche files, and this was much cheaper than buying directly from NTIS. Grove no longer sells microfiche, but sells the information on PC floppy disks for each state instead.

The FCC has an agreement with PerCon (tel. 716-386-6015), a private company, to sell FCC license information to the public on both floppy disks and CDROMs. You can buy the full license information for a multi state region or a less detailed license database covering the the entire USA on CDROM for about $100.

Companies have appeared which are "plugged into" the FCC licensing system and they sell computer time allowing on-line file access. They also sell paper copies of FCC information. Washington Radio Reports is one example. A monthly publication, it lists license applications made to the FCC. A few members of my scanner club subscribe and share the information with me. |

Federal Radio Stations - Not Licensed by FCC

Since federal government radio stations are not licensed by the FCC, they are not listed in FCC microfiche. In 1981, a group of 60 radio hobbyists split a $1300 fee, and obtained 80 microfiche cards of 'sanitized' information about federal government radio stations under the Freedom of Information Act (FOIA)1. Only 12 of the 21 information fields for each station were furnished. Fields like "Remarks", which indicate the exact usage of a channel (e.g. "Sky Marshall's Net"), and "Bureau", indicating agency subdivision (e.g. TAC within the USAF), were withheld. These 80 pages of microfiche were sold by Grove Enterprises for $25, but are no longer available from that source. Private entrepreneurs have been known to ask $125 or more for a set! In a step backward, the US Government insists it will no longer release this type of information - it is now 'classified'2.

For a reason unknown to this author, the government released a 1984 vintage set of frequencies allocated to the FAA. Perhaps this was a mistake, because the information is marked 'unclassified', but all fields are furnished, including some which indicate security related usage. Grove sold this set of 33 microfiche cards for about $13. |

Radio Clubs

One of the best parts of the hobby is sharing it with other radio buffs. Trading information with other hobbyists about frequencies, communication systems, and receiving equipment is more valuable than a pile of magazines.

Since the early 1960s, I had been an amateur radio operator, and belonged to amateur radio clubs, but I never realized there were any scanner clubs! In 1983, I joined the world's largest scanner club, the Radio Communications Monitoring Association (RCMA).

Founded in 1975, the RCMA is the "first national and international organization of monitor radio listeners." There are several regional chapters which hold regular meetings. Club dues are collected annually, which covers a monthly newsletter, the RCMA Scanner Journal, about 95 pages long. Although the focus is on VHF and UHF ranges, there is coverage of HF utility stations below 30 MHz. A recent liberalization of club policy now permits the printing of most federal law enforcement frequencies, e.g., Secret Service, FBI, Customs, and DEA.

Inquiries about RCMA membership should be sent to:

RCMA General Manager
P.O. Box 542
Silverado, CA 92676
USA

Another club which prints sensitive federal frequencies is the All Ohio Scanner Club. I enjoy its bimonthly publication, The American Scannergram, which is about 60 pages long. Although concentrating on Ohio, there is frequency information from other states, and plenty of product reviews and scanning tips.

More information is available from:

All Ohio Scanner Club
50 Villa Road
Springfield, OH 45503

Do Your Own Sleuthing |

The real challenge is deriving new spectrum usage information. Sometimes it requires several days of

listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

More about sleuthing will be discussed in Part II of this article.

HOW DO YOU FIND THESE SCANNER FREQUENCIES?
Part 2: Sleuthing

by Bob Parnass, AJ9S

Part I of this series discussed how scanner enthusiasts can * obtain frequency information from books, government microfiche records, or other listeners. This installment discusses digging up new frequencies on your own.

Do Your Own Sleuthing

There is a challenge in deriving new spectrum usage information on your own. Sometimes it requires several days of listening, taping, and compiling fragments of information. Other times, the frequency information is there for the taking - without hassle.

You can approach from two directions:

1. Listen first: Monitor a frequency or frequencies, and determine who's transmitting and what purpose the channel serves. Once you identify the user, log the information.

2. Compile first: Take advantage of opportunities, such as examining the frequency label on a guard's radio, or reading the FCC license hanging on the "radio room" wall, to compile frequency lists, then monitor the listed frequencies to confirm that they are really in use. Readers are urged to abide by the rules of good taste and local laws in the quest for frequency information. Don't trespass, wait for an invitation.

Most listeners use a combination of both approaches.

What Makes Station Identification Difficult?

In most instances, FCC rules require radio users to identify their operations with FCC assigned call letters. Police and fire departments, especially those with trained radio dispatchers, seem particularly conscientious about station identification. Like commercial broadcasters, many of these stations identify on the hour and the half hour.

Some repeater stations have Morse code identification circuits which transmit call letters on a periodic basis, insuring compliance with FCC rules.

On the other hand, over 75% the industrial radio stations monitored within the last year ignore the FCC regulation, making it difficult for a listener to identify a station. Some stations may operate for years using the nondescriptive "base to mobile 2" or "Joe to base" protocol. One rung up the hierarchy are stations that identify using something like "Acme base to 107", giving the listener a clue for his log. If call letters are given, they are often rendered unintelligible by operators who fail to enunciate. The failure to identify is more likely due to sloppiness, rather than any attempt to hide station identity.

While not regulated by the FCC, federal government radio stations vary in the extent to which they identify their transmissions. Some federal stations do not have call letters. A nearby paging transmitter periodically transmits a voice recording announcing, "This is the Army Joliet Ammunition Plant." What more could a listener ask for?

Aside from a scanner and antenna, the most useful piece of equipment for sleuthing is a voice actuated (VOX) cassette tape recorder. You don't need a high fidelity model or anything fancy. I use two modified Radio Shack CTR-75 recorders, a discontinued model.

VOX recorders allow one to compress a whole day's worth of monitoring onto a single tape. I often leave a recorder "armed" and connected to a scanner at home while I am at the office or doing something else. When call letters are mumbled, I can play and replay the tape until I hear and understand them.

The following examples illustrate techniques I've used to derive new frequency information.

Examine the FCC License on Premise

I have found the actual FCC radio license, complete with frequency assignments, hanging on the walls of places like the Bell Labs security office and the guard shack at Waste Management's Greene Valley Landfill in Naperville.

Examine the Labels on Radio Equipment

Frequency information is engraved on labels on the back of many walkie-talkies, or inside the battery compartment, like in the Motorola HT220 model. Most pagers have labels on the bottom or inside. Like passwords taped onto

terminals, it's not uncommon to find Dymo or P-Touch tape |
labels embossed with frequencies or call letters glued to
the front of base stations.

You can make your own opportunities for eyeing the
equipment or take advantage of "open house" events. If
information is displayed publicly, then a reasonable person
could assume it's not government secret.

- At the annual Glenview Naval Air Station open house, I
examined a military manpack radio being used by
dispensary paramedics. The radio's tuning dial was
set at 34.15 MHz.

- The Illinois Army National Guard displayed two armored
personnel carriers at the local county fair, each
equipped with VHF-FM and HF-SSB transceivers.

In addition to a tuning control (VFO), the VHF-FM
radio had a set of channel select pushbuttons, much
like those in a car radio. I asked a guardsman a few
questions about the radio, and he demonstrated the
channel preset feature. A panel above the channel
pushbuttons was labeled with the frequencies: 32.055,
34.45, 35.35, 40.55, and 40.60 MHz.

- An Army National Guard UH1 helicopter was displayed at
the Marseilles armory "open house". The public was
permitted to climb aboard, and observe the
instrumentation and radio gear. A channel plate on
the instrument cluster listed over a dozen
frequencies.

Hobbyists are urged to exercise a modicum of restraint and
good judgement. In New Jersey, a radio technician/hobbyist
called to service a transmitter in a county building,
noticed a new unattended repeater installation in the same
room. Being curious about what frequency this repeater was
on, he opened the access door to copy the frequencies from
the radio's crystals. It turns out that this radio
belonged to the US Secret Service, and opening the access
door could have activated a "tamper alarm"!

The tech was skating on thin ice. He had nobody's
permission to tamper with that equipment. |

Another source of frequency information is as close as your |
nearest Radio Shack store. Some Radio Shack stores make a |
local frequency list available to assist their scanner |
customers. Be sure to ask. Stores located in shopping |
malls almost always know the mall security frequencies. I |
often check the frequencies programmed into the floor model |
scanners, too. |

Equipment to Determine Frequency Usage

If you don't know the exact frequency, but have a general idea of the range (e.g. 150 - 152 MHz), use your scanner's "search" mode. Most programmable scanners afford the ability to search between two frequency limits set by the user. Some models, including the ICOM R7000/R7100, Bearcat 2500XLT, and Bearcat 250, have the ability to automatically store active frequencies found during an unattended search operation.

To find the frequency of a hotel communications system, one fellow installed his Bearcat 250 in his car and parked in the hotel lot, leaving the scanner in the "search and store" mode. He left the antenna disconnected so the scanner would only respond to a transmitter in the immediate vicinity.

Test equipment can aid in the quest for new frequency information. I've used a spectrum analyzer connected to an outside antenna, and a frequency counter for close-in work.

How Can I Determine To Whom I'm Listening? - An Example

While scanning the industrial frequencies in the 150 MHz range, a van driver was overheard communicating with "base" while driving around my town. The stations involved never used FCC call signs -- this would have made life a lot easier for me, and legal for them! (one may use FCC license microfiche, described in Part I of this article, to identify stations using call letters.) Transmissions were short and infrequent, so it was decided to tape record all transmissions on this frequency for several days to determine the station's identity.

During daylight hours, a modified Regency K500 scanner was left tuned to the target frequency, connected to a cheap tape recorder through a home built interface. Using a carrier operated relay, the tape interface supplied power to the recorder only during radio transmissions, so a day's worth of traffic could be compressed into a 45 minute tape.

Each day, the tape was played back and notes on names, locations, and activities mentioned during the day's transmissions were taken. The van driver appeared to be making daily stops at a local bank and two shopping malls. A Walgreen's store seemed to be the only stop at one mall. A few times, "base" ordered the van "back to the Training Center." There were frequent references to "guests checking out", "dropping a guest off", and "instructor[s] missing a class". At times, "base" spoke with "security", who must have been using a walkie-talkie as his signals

weren't strong enough to hear.

Was this a hotel? Calls to the three local hotels revealed that none provides shuttle bus service to the shopping malls. A call to the Walgreen's, inquiring about bus service to the store, drew another blank. During my shopping trips, I began to pay closer attention to vans with antennas driving through the parking lots.

I was leaving the mall one day, when a week's effort paid off. A maroon and white van, equipped with a VHF-Hi antenna, was dropping shoppers off at Walgreen's. A sign on the van's door read:

XYZ Central Training Center (XYZ is a pseudonym for the actual licensee name.)
Lisle, Illinois

I watched the driver pick up a microphone, and listened to him on my portable scanner checking back with his "base".

All the pieces fit: the "guests", the "classes", the "instructors". Mystery solved; I had been monitoring the customer training center for a large computer manufacturer. The training center has hotel rooms and dining facilities to accommodate students from out of state. As a convenience, shuttle van service is provided to local shopping malls.

Summary

Through books, government records, and radio clubs, scanner listeners can make use of frequency information compiled by others. Two-way radio users often fail to identify their transmissions properly, making it more difficult for listeners to know who they are monitoring. By examining radio equipment labeling, and monitoring and taping transmissions, scanner enthusiasts can unearth new information.

Addresses

Grove Enterprises,
PO Box 98,
140 Dog Branch Road,
Brasstown, NC 28902.
tel (704)837-9200

Official Scanner Guide,
PO Box 712,
Londonderry, NH 03053.

Scan America,
430 Garner Drive,

Suffield, OH 44260-1557

Scanner Master,
PO Box 428,
Newton Highlands, MA 02161.
telephone 1-800-722-6701.

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1. See "The Government Giveth, the Government Taketh Away",
by Richard Prelinger, in Monitoring Times, July 1982.

2. See "AFIO and the FOIA", by Bob Grove, in Monitoring
Times, September 1982.
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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6775. Buying a Used Scanner Radio

Newsgroup: rec.radio.scanner
Date: 1994-07-24 23:56:03 UTC
From: parnass@ihlpf.att.com
Message-ID: <CtGyHF.3Fr@nntpa.cb.att.com>
Source record: 271326
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.info

last changed July 2, 1994 |

BUYING A USED SCANNER RADIO

by Bob Parnass, AJ9S

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Anybody with enough money can buy a brand new scanner, but you can save lots of money if you get a good deal on a used scanner. Hamfests are probably the best place to find used radios, but you must be familiar with the equipment. Hamfests are repleat with older radios you won't see in today's catalogs.

At last count, there were over 70 scanners and monitor receivers of various brands in my collection. I purchase most of my receivers at hamfests or horsetrade with other radio hobbyists. This article describes a few of the FM receivers in my collection, and is not meant to be complete.

A Used Scanner May be a Broken Scanner

Getting a bargain is not without some risk. I have had sellers look me square in the eye and tell me their radio worked fine -- when it really didn't.

Buying a used portable scanner is riskier than buying a mobile or base model. Portable scanners are subject to more physical abuse and many have been dropped. If a radio has been dropped, the laws of probability dictate that the first point of impact was probably a corner, so be sure to examine each corner for evidence of trauma.

Scanners used in mobile service are subject to vibration, dust, and temperature extremes. This shouldn't dissuade you from buying a used mobile scanner, but be aware of possible complications.

You should have some recourse if the radio you buy turns out to be defective.

If you can't fix the radio yourself, you can pay to have the manufacturer or a service clinic repair it for you. Several people have been pleased with Electronic Repair Center, in Franklin Park, IL, which repairs scanners for a flat fee. Call them at (708)455-5105 to find out their current rates. G & G Communications (telephone 716-768-8151) is another scanner repair company. This family owned company repairs scanners and stocks parts for several older models. They are located at 9247 Glenwood Drive, LeRoy, NY 14482.

Evolution of the Scanner

It helps to understand some scanner history before shopping for a used scanner. You will likely see radios from many vintages at a hamfest, and should avoid buying early units unless you are a scanner collector.

One of the earliest ancestors to the scanner was the converter. Manufactured by Tompkins (Tuneaverter), Petersen, Bearcat (Lil Tiger), Midland, and others, converters were made to operate in conjunction with AM radios. Then came wide band monitor receivers, in both tunable and crystal control models, like the Radio Shack PRO-2B. Truthfully, converters and tuneable FM receivers are interesting but don't work well by today's standards.

While tuneable receivers were in vogue, solid state technologies supplanted tubes. Better performing, narrow band crystal controlled units, like the Sonar FR-105, followed. These units did not scan, rather channel selection was accomplished using a simple rotary switch. Sonar even made a 24 channel unit, model FR-2513, in which crystals were held in a rotary "turret."

The earliest scanners, like the first Bearcat models, did not provide individual channel lockout capability. Other models, like the SBE Sentinel, employed a "Channel 1 Bypass" switch so a user could lockout channel 1.

The first scanners came in single band models, followed by multiband models. As two-way radio users started to populate the 450 - 470 MHz band, consumers were forced to pay a premium for UHF scanner coverage. Some multiband scanners, like the Electra's Bearcat III, required an optional circuit board for each band.

There were scanner mutations, designs which never evolved -- odd combinations of AM broadcast receivers with VHF-FM receive capability, like the flamboyant turquoise Sonar Sentry FR-103 portables, Electra's Jolly Roger, and GE's Surveyor series. Lafayette Radio Electronics offered a few CB transceivers with VHF receiver capability. These poor

performers didn't interest consumers of that era and you should avoid these models unless you are a scanner collector.

The first programmable (crystal-less) scanners were difficult to program. Users had to look up frequencies in a code book and tediously program the information into the scanner in binary form. Some models, like the Bearcat BC-101, Radio Shack COMP 100, and Tennelec MCP-1, resembled Altair or PDP-8 computers, with a row of 16 or so toggle switches. Instead of toggle switches, the Regency WHAMO-10 was programmed by breaking teeth from metal combs. The SBE Optiscan (and its Sears clone) required poking a series of holes in plastic cards which were then inserted into a slot on the front panel.

More Modern Scanners

Both Bearcat and Regency, as well as Radio Shack offer some good models. I would avoid the Bearcat 100, and scanners made by AOR, JIL, Fox, Tennelec, and Robyn.

Scanner features often differ not only by model but by manufacturer. For instance, most Radio Shack and Bearcat programmables allow enable/disable of the delay function on a per-channel basis. Older Regency units permit the delay to be enabled/disabled only globally, that is, for all the channels at one time.

Radio Shack scanners contain a reasonable number of features. All the older Radio Shack scanners were made by General Research Electronics (GRE). Uniden began making scanner models for Radio Shack in the late 1980s, and now supplies about half the Radio Shack scanners. The older GRE-made models scan a bit slowly and have a higher level of synthesizer noise. Most have too much hysteresis in the operation of the squelch control, but this can be fixed completely by replacing one resistor. Good, detailed shop manuals are available for Radio Shack units for $5 - $12.

In the name of cost cutting, some models have done away with the concept of a "channel bank", i.e. the ability to select/deselect a group of channels at a time. The bank concept was a good one. It may be inconvenient to operate a 30 channel scanner without banks (e.g. Regency MX3000, HX1000) if you operate the way many scanner hobbyists do.

If you want to buy an American-made scanner, you will have to buy an old model. A few years ago, the Regency and Bearcat scanner lines were purchased by Uniden, a Japanese company, and production was moved to Asia.

My favorite VHF/UHF receivers are the 300 channel Radio Shack PRO-2004, the newer 400 channel PRO-2005 and PRO-2006, and the ICOM R7000 and R7100. The ICOM models are more "communications receiver" than a conventional scanner.

Other favorites include the Bearcat 300 and 760XLT, Regency M400, and the Regency K500 (predates the M400), all of which include a "service search" feature.

For portable use, I prefer the Radio Shack PRO-43 and Uniden/Bearcat 200XLT. |

Obtaining Crystals |

If you do purchase a crystal controlled scanner or monitor | receiver, you will probably want to buy more crystals to | cover local frequencies. |

Scanner crystals may be ordered from your local Radio Shack | store or from one of the companies below. Be sure to | specify the operating frequency you want and the brand and | model of scanner. |

Some companies may ask you to send a schematic of the | scanner or require more detailed information, like series | or parallel resonance, load capacitance, etc. |

American Crystal Co. |
1623 Central Ave. |
Kansas City, KS 66102 |
tel. 913-342-5493 |

Bomar Crystal Company |
201 Blackford Ave. |
Middlesex, NJ 08846 |
tel. 908-356-7787 |

Cal Crystal Lab Inc. |
1142 N. Gilbert St. |
Anaheim, CA 92801 |
tel. 714-991-1580 |

International Crystal Mfg Co. |
11 N. Lee Ave |
Oklahoma City, OK 73102 |
tel. 405-236-3741 |

Jan Crystals |
Box #-6017 |
Fort Myers, FL 33911 |
tel. 813-936-2397 |

Monitor Crystal Svc |
124 W Walnut St Watseka, IL 60970 |
tel. 815-432-5296 |

ICOM

R-7000: At about $1000, this was once the top VHF/UHF receiver. 99 channel, multi mode coverage from 25-2000 MHz with a small gap at 1000-1025 MHz. Memory can be expanded to 198 channels by adding simple switch to pin 19 of memory IC8. Tuning knob lets you tune through parts of the spectrum much easier than using the SEARCH mode on conventional scanners. Selectable USB/LSB allows reception of new amplitude compandored sideband (ACSB) stations. S-meter doubles as discriminator meter to aid tuning. Useful search and store feature, reminiscent of the the Bearcat 250, searches between 2 limits and automatically stores new frequencies into channels 80-99. Audio and control interface for tape recorder. Noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Searches and scans slowly but can be sped up to about 12 cps by adding a resistor. Too big for permanent mobile use, but too nice to leave alone in the car. If you don't want to spend $1000, get a Radio Shack PRO-2004/5/6 instead.

R-7100: At about $1300, this is the Cadillac of VHF/UHF receivers. 900 channel, multi mode continuous coverage from 25-2000 MHz. The radio RF/IF/AF portions of the R7100 are similar to the older R7000, but the R7100 is constructed using surface mount parts. Both the R7000 and R7100 are much more immune to intermod than the Uniden/Bearcat 760XLT and the portable PRO-43. The firmware in the R7100 is much more sophisticated. 9 banks of 100 channels. Further, you can associate each channel with 1 of 10 groups. Many possible ways to scan. 10 pairs of search limits. Search and store ("memory write") scan mode lets you store 100 frequencies instead of the 20 in R7000. Another R7100 improvement is that you can program up to 100 channels for the R7100 to skip while searching. R7100 has 2 VFOs ("windows"). Both the R7000 and R7100 scan slowly compared with PRO-2004 and PRO-2006, and that's a drawback. Both the R7100 and R7000 employ a noisy relay, activated when the receiver is tuned to frequencies above 520 MHz. Scanning a mixture of VHF and UHF frequencies serenades the Icom user with a very annoying clickety-clack, clickety-clack!

UNIDEN/Bearcat and Electra/Bearcat

Bearcat III (Electra): 8 channel crystal controlled scanner. Requires optional front-end circuit board for VHF-low, VHF-high, and UHF bands, but only 2 boards can be installed within the radio at the same time. Two crystal filters. No aircraft band coverage nor rescan delay. Front mount speaker sounds good. Strong local oscillator

radiation often causes interference with other scanners in the same house.

Bearcat IV (Electra): 8 channel crystal controlled scanner. Newer version of Bearcat III but has better IF filtering and contains front-end circuitry for VHF-low, VHF-high, and UHF bands. No aircraft band coverage. Three crystal filters. Front mount speaker sounds good. No rescan delay.

Bearcat 12 (Electra): One of the last decent crystal controlled scanners. 10 channels. Variable scan speed up to 20 ch/sec. Single delay on/off switch. Front mount speaker sounds good. Manual contains schematic. Selectivity is poorer than programmable models, like the 300, allowing adjacent channel interference. Covers VHF-low, VHF-high, and UHF bands but no aircraft band coverage. Crystal positions must be arranged by band.

BC101 (Electra): First Bearcat synthesized unit. 16 channels, no priority. Frequency programmed in binary by setting toggle switches on front panel after looking up code in code book. No frequency readout. Uses custom IC for CPU, now discontinued, so factory authorized service is no longer available. I have four of these units. DC operation requires optional mobile power supply.

BC100 (Electra): First programmable portable scanner. Be prepared for at least one repair in the first year. Early units, with threaded antenna connector, have high frequency of repair, particularly LCD readout, keyboard, and battery holder. No battery backup. Poor case design in early units caused battery to disconnect from radio, resetting microprocessor and clearing memories. No priority channel or aircraft band. Some people swear by the BC100, others swear at them.

BC220 (Electra): 20 channels. Reasonable number of features but 20 channels doesn't seem enough. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC20/20 (Electra): A BC220 but with 40 channels. A maximum of 20 channels can be scanned at one time. Reasonable number of features. Service Search for Marine and Aircraft. LED readout. Good scanner, but tinny audio.

BC250 (Electra): 50 channel model, rich in features, but lacks aircraft band and 144-146 MHz. Search and Store feature extremely useful for finding federal frequencies. Clock. High frequency of repair. Power transistors not heat sinked adequately, causing heat damage to surrounding

components and circuit board. Failure of Q204 on the feature board known to cause odd display readings. Digital circuitry very sensitive to glitches caused by static and AC line spikes. Avoid 1978 or earlier vintage units. All BC250s use custom ICs (e.g., IC6, a divider chip, mfd. by Exar), which are now discontinued, so factory service is no longer available from Uniden.

BC260 (Electra): Super heavy duty metal cabinetry and lit controls, aimed at mobile use for firemen, police, etc. Few frills, only 16 channels, no aircraft, but generous coverage of federal bands omitted in the older Bearcat scanners. Good sensitivity. Lots of audio. Good internal construction. Backlit keyboard allows operation in the dark, but the keyboards on some units require high pressure to operate. Brightness control for display and keyboard, but multiplexor circuitry for vacuum fluorescent display produces audible whine which may be annoying in a quiet room. Backlighting may fail in some units due to poor contact on connector used to fasten light panel to front circuit board. 9 volt regulator transistor Q28 (TIP29) may fail, causing blank display while leaving audio intact. Method of connecting an external speaker is awkward.

BC300 (Electra): 50 channel top of the line scanner. Service Search feature contains 11 ROM banks of preprogrammed channels. Switching power supply failure noted in early units due to insufficient capacitance - component value was changed in newer units. Schematics show at least 100 components changed between earliest and later units. Preset squelch pot, mounted internally on circuit board, misadjusted in new units - adjustment usually required after burn-in period. Good sensitivity. Built in clock. I leave it on 24 hours a day. This is a favorite.

BC350 (Electra): 50 channels in 5 banks. Includes aircraft. Used to be Bearcat's top of the line, overpriced scanner but never very popular. Dual use keyboard and display allowed 8 text characters to be associated with each channel, a feature clumsily implemented, and awkward to use. Units plagued with various hardware problems including bad memory ICs and short life power transformers. Firmware bugs without cures. The BC300 is a much better scanner than the BC350, and at a lower price.

800XLT (Uniden): 40 channels in two banks. Covers 806-912 MHz, as well as of vhf, uhf, and aircraft bands. Receives 10 meter fm and all of 6 meters, as well as federal portions of vhf and uhf bands. Fewer birdies on vhf-lo band than other scanners. Scans and searches very fast.

Clean, robust audio output. Extremely sensitive, but very prone to overload by strong signals when connected to outdoor antenna. Too much play (hysteresis) in squelch adjustment - can be improved by changing one resistor. Positive terminal in memory backup battery holder installed backwards in early units, allowing memory loss when scanner unplugged from AC outlet. Tunes in increments of 12.5 KHz on 800 MHz band, whereas cellular telephones are on 30 KHz channels.

BC100XLT (Uniden): Excellent 100 channel portable with 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Generous coverage of conventional bands, including commercial aircraft, but no 800 MHz. Decent leather-like case. Slide-on 550 mAH NiCd battery pack.

BC200XLT (Uniden): Excellent 200 channel version of BC100XLT portable scanner but includes 800 MHz band. 10 priority channels. Unique feature tells whether a given frequency has already been memorized. Decent leather-like case. Slide-on NiCd battery pack.

Regency

TMR series: First generation crystal scanners. Come in all varieties of band coverage. Models with both UHF and VHF bands must use separate antennas for each band (disadvantage in mobile installations, but can be overcome by connecting two front ends via a capacitor). Not sensitive enough to cover the entire 30 - 50 MHz range in a single model. There three versions of VHF-low band coverage depending on the part of the 30 - 50 MHz band covered (LL, LM. and LH). TMR scanners use unsocketed incandescent bulbs for channel indicators which require periodic replacement. Easy to crystal: Radio Shack crystals work well. TMRs usually $2 and up ad hamfests, often in poor condition. Don't pay more than $50, even if mint. Front ends must be tuned for selected portions within the bands for best sensitivity. Wide IF selectivity troublesome in urban/suburban areas. Primitive digital scanning circuitry may become confused at times. but power off/on restores sanity. Replace aging capacitors in the scanning circuits. You can find a TMR8H eight channel high band unit most often.

TME series: The base versions of the TMR models. Both the TME and TMR models share many common circuits but the base versions contain speakers mounted on the front panel. The most common TME model is the TME8 H/LM eight channel dual band scanner in a metal cabinet with wood coloring.

ACTR series: Replaced the Regency TMR units. By the time Regency made the ACTR units, they no longer offered different models for different parts of the 30 - 50 MHz band. Look for the later ACT series, e.g., ACTR-106 (10 channel tri band) or ACTR20/6 (20 channel tri band), used light emitting diodes for channel indicators instead of incandescent bulbs. Available in 1 to 20 channel models - most are multi band receivers. Somewhat wide selectivity. Not all that bad a deal if cheap.

ACTE series: The base versions of the ACTR series. The ACTE and ACTR circuitry is similar, although the base versions contain speakers mounted on the front panel. The most common ACTE model is the ACTE8 H/L eight channel dual band scanner in a black metal cabinet.

WHAMO-10: Regency's first synthesized scanner. Appearance more like a crystal scanner, with a single LED per channel. User has to break off teeth on a metal 'comb' for each channel according to a code book. External frequency control unit DFS-5K optional. UHF VCO reference oscillator drifts on some units. Soldered sheet metal shields around some circuitry make access to some components difficult for servicing. Comb sockets prone to bad connections after moderate use. Not recommended due to maintenance difficulties.

K500: Nice wood-like cabinet. 40 channel model with every feature Regency could dream of in one scanner, except aircraft band. Idle tone bypass feature for mobile phone stations works about 50% of the time. Weather alert feature. Service Search in several banks. Search and Store facility not implemented as well as BC250, but better than none. Built in clock when radio off or in manual mode. Can be programmed out of band. Reasonable performance, but sensitivity could be better. Spring contacts on membrane keyboard may need soldering after prolonged use.

K100: Bare bones version of the K500. 10 channels, no priority feature. Same wood-like cabinet and reasonable performance as K500. Spring contacts on membrane keyboard may need soldering after prolonged use.

M400: 30 channel replacement for K500. Service Search, but no aircraft. Easily programmable out of band. Built in clock when radio off or in manual mode. Backlit keyboard good for night viewing and mobile use but generates RFI into nearby SW receivers. A favorite.

MX3000: 30 channel replacement for M400, but basic features only. Nice lit keyboard, but may cause RFI into nearby SW receivers. Easily programmable out of band, but no aircraft. All 30 channels are in a single bank, and lack of

direct channel access make this model more difficult to operate. Good first scanner.

M100: 10 channel unit. Same as MX3000 except different color and fewer channels. Nicely lit keyboard, but may cause RFI into nearby SW receivers.

HX1000: Good, fairly rugged, 30 channel handheld synthesized unit. Generous out of band coverage but no AM aircraft coverage. Built by Azden. Very sensitive on UHF, but annoying audio hiss leaks through speaker when squelched. Belt clip chintzy, but can be directly replaced with better clip from Kenwood TR2600A. Like the MX3000, all 30 channels are in a single bank, and lack of direct channel access make this model more difficult to operate. Low discount price makes this best choice for programmable portable.

HX650/H604: 6 channel crystal portable. Likely made by Sanyo. Same as Fannon and Bearcat Thin Scan units, (except that Bearcat has 10.8 MHz IF frequency, and is harder to get crystals for), but scans faster. Small size and common crystals (available at Radio Shack), make this 1st choice for bare bones portable scanner.

Radio Shack

PRO2004: Top of the line, wide band scanner for 1987. After a diode is cut, enjoy continuous coverage from 25-520 and 760-1300 MHz, AM, NBFM, and WBFM. Has 300 channels in 10 banks of 30, backed up by conventional 9 volt alkaline battery. Any channel can be designated the priority channel. Scans and searches fast. Lots of well designed features, like 10 pairs of search limits, Lockout Review, default search increment and emission mode. Sound Squelch allows skipping dead carriers during search or scan. Metal cabinet, good internal construction and shielding, but no mobile mounting bracket or DC power cord. Soft touch membrane keyboard. Good sensitivity and selectivity. Very good radio.

PRO2005: Radio Shack's top of the line scanner for 1989 and scanner of choice. Essentially a size reduced PRO-2004 with surface mount components and 400 channels. Some people think the small knobs, smaller display, and plastic cabinet are a setback from the 2004. The smaller size, real rubber keyboard, and vertical front panel make it easer to use mobile, although there is no mobile mounting bracket available and the keyboard is not backlit. More sensitive than the PRO-2004 but 800 MHz signals leak through into the commercial aero band. Highly recommended.

PRO2006: Radio Shack's 1994 top of the line scanner. Essentially the same as PRO-2005 but scans faster. Probably the best scanner made to date. Highly recommended.

PRO34: Portable scanner with 200 channels and 800 MHz coverage. Ten "monitor" channels. Operates from AA cells. Slow scanning, low audio output, and chintzy plastic case detract from an otherwise good performance. No decent leather case available from Radio Shack. If you need a portable with 800 MHz, get a Bearcat 200XLT. If you can't get a 200XLT, get a PRO-34.

PRO2021: Base/mobile scanner. 200 channels in 10 banks, LCD display and raised rubber keys. Lots of memory but scans too slowly and lacks 800 MHz. Ten "monitor" channels. Radio Shack seemed to have an overstock of 2021s as they were on sale for such a long time. Close out price dipped to about $200, which made it a nice scanner for beginners.

PRO2001: Early, single bank 16 channel programmable. Reasonable coverage of the 3 traditional bands, minus aircraft band. LED digital display as well as an LED per channel. Mechanical lockout switch for each channel. Delay is either on or off for all channels at a time. High synthesizer noise level. Troublesome plated through holes on digital board in some units renders radio virtually unfixable. Could never get mine to work more than a few days in a row; always another bad connection. Some owners have no trouble.

PRO52: 8 channel VHF-Lo/Hi base unit. No UHF band or provision for mobile operation. Good little scanner despite limited frequency coverage and Spartan lack of frills. Crisp squelch action and good audio, helped by a front mounted, vertical speaker.

PRO2003: Radio Shack's 1986 top of line. 50 channels + 10 FM commercial broadcast band channels. Includes aircraft. Good frequency coverage and functionality, but at a high price. Poor human engineering: difficult to read keyboard makes the PRO2003 hard to operate unless in a well lit room. Keyboard label coloring improved on newer units. Rather slow scan rate and high price. Although there are provisions for 12VDC operation, the cabinet shape and lack of mounting bracket makes mobile operation impractical. Scan rate only 8 channels/sec vs. 15/sec in Regency and Bearcat. Causes RFI: Plastic case permits scanner to radiate signals into nearby receivers.

PRO30: 16 channel programmable portable with aircraft band. Good frequency coverage. Extra controls on top allow

control of SCAN, MANUAL, and PRIORITY functions while worn on belt. Good belt clip. Low audio output. Plastic case prone to break at BNC antenna connector under severe use, vs. metal frame in Regency HX1000. High price, no discounts or sales yet. I had 6 or 7 PRO30s, having to return them several times during the 1 year warranty, although other owners have had little or no trouble. Troubles included oscillation in IF stage, no UHF band reception, case broken around base of antenna connector, etc.

PRO24: Only 4 channels in this crystal controlled portable. Covers the three basic bands, but no aircraft. Easy to obtain batteries and crystals. Characteristic Radio Shack squelch problem, fixable by changing one resistor. All-plastic case larger than Bearcat Thin Scan and clones.

Craig (division of Pioneer)

4530: Japanese 10 channel crystal controlled 3 band unit. Also available under Plectron name but in different cabinet. No aircraft band. Deluxe features like priority, trimmer capacitors for netting each channel, front panel speaker, and rugged metal cabinet make this unit a winner. Channel lockout slide switches have finite life. Replacing burned out incandescent channel lamps not fun. Grab a 4530 if you find one in good condition.

Sonar:

Sonar made several crystal controlled scanners and channelized monitor receivers which shared the same RF circuitry. Each radio was housed in the same size metal case and worked on both 120 VAC and 12 VDC. The models differed in the number of channels, the band coverage, and whether individual channels could be locked out.

Although they used a 10.7 MHz first IF, Sonar radios require parallel resonant crystals different than the common series resonant crystals used in Regency and Radio Shack scanners. Sometimes, Radio Shack crystals will work in Sonar units, but more often they oscillate a few kHz off frequency and are unsuitable unless changes are made to the oscillator circuitry. Therefore, beginners should avoid these radios. Typical Sonar squelch has long time constant causing a long noise burst at the end of each transmission.

FR-104, FR-105: 6 channel monitor receivers covering 25 - 50 MHz or 150 - 175 MHz. Manual channel selection, i.e., no scanning. Early models are identified by an 11 pin connector on the rear and they could be used with an optional NiCd battery pack and charger which bolted to the

rear panel. Later models used Cinch Jones connectors with flat contacts. Optional tone decoder board.

FR-2512, FR-2513: 24 channel versions of the FR-104 and FR-105 monitor receivers. Manual channel selection, i.e., no scanning.

FR-2514, FR-2515: 8 channel scanners. Channel 1 priority. Recommend you avoid these models as there is no way to lockout a channel from the scan sequence.

FR-2526, FR-2526, FR-2528: 10 channel scanners covering various combinations of 3 bands. Each channel could be locked out. Channel 1 priority.

Sonar Model	#chan- nels	VHF low	VHF high	UHF scans?	lock- outs?
FR104	6	X			no
FR105	6	X			no
FR2512	24	X			no
FR2513	24	X			no
FR2514	8	X		yes	no
FR2515	8	X		yes	no
FR2526	10	X		yes	yes
FR2526	10	X	X	yes	yes
FR2528	10	X	X	yes	yes

Table 1. Summary of Sonar base/mobile monitor and scanner receivers

Tennelec

Manufactured the first synthesized scanners. Company went out of business several years ago. Schematics and parts difficult to obtain. Radios reputed to be poor performers. Got my MS-2 and MCP-1 basket cases for free and sometimes regret taking them. Not worth fixing unless you have access to DTL/RTL chips and circuit diagrams.

--

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AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6776. Re: Desolder-free cell mod for the Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-07-25 00:58:24 UTC
From: mcs@cyberspace.org
Message-ID: <30v2ng$am9@grex.cyberspace.org>
Source record: 271329
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Here's a sad story I'd like to share...I was modifying my PRO-34 (the old Pro-43), and in order to get after D11 (or whatever), you had to take out the top board and a metal shield plate. To do that, you had to desolder the BNC connector and the power on/off switch from the board. I did that, and got the diode out. Then I replaced the plate and the upper board, and soldered the BNC connector back on. Then, when I went to solder the power switch back, I accidently created a "jumped" connection between the negative and positive leads from the knob.

In another words, I have 'On' and 'On with volume'. Boy I wish I had a solder sucker-upper.

Nicholas McLarty, KB8RBF/5 mcs@cyberspace.org kb8rbf@merit.edu
Waterford, Michigan Grex Cyberspace WB8TKL Hamgate

For public key, finger mcs@cyberspace.org or e-mail me at an address above

PGP Fingerprint C8 8D 9A D6 E2 7A BE 61 63 D5 11 6B 5F AC 7E 2B

6777. Chicago - McCormick Place

Newsgroup: rec.radio.scanner
Date: 1994-07-25 02:12:03 UTC
From: gianotti@aol.com
Message-ID: <30v71j$379@search01.news.aol.com>
Source record: 271330

Anyone in Internet land have the frequencies used at Chicago's McCormick Place? If so please post. TNX

6778. Re: Discone antenna

Newsgroup: rec.radio.scanner
Date: 1994-07-25 03:07:23 UTC
From: domonkos@access.digex.net
Message-ID: <8eoCkiubGkAG066yn@access.digex.net>
Source record: 271335
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <CtEAEE.566@railnet.nshore.org>, Richard Banks wrote:
>
> I have both a discone antenna and a all-band antenna on my roof.
> Both are from radio shack. The all-band antenna is a ground plane and
> gives much much more gain than the discone. Plus it costs half the
> price. Forget the discone just get the all-band.
>
>
If you need UHF Air and 800Mhz coverage adding 2 extra elements cut to each frequency range was REAL easy. Now I've got an all band optimized for all my scanner bands.

The discone is still not bad if all you want is 'general' coverage and gain is not an issue.

Andy

6779. Re: Police & Medical Helo's

Newsgroup: rec.radio.scanner
Date: 1994-07-25 03:07:35 UTC
From: domonkos@access.digex.net
Message-ID: <aioCkiubGMCG066yn@access.digex.net>
Source record: 271336

Does anyone have the Med/Police Helo frequencies used in Maryland? Thakyou in advance...

Andy

6780. Re: Handheld Scanners

Newsgroup: rec.radio.scanner
Date: 1994-07-25 03:07:44 UTC
From: domonkos@access.digex.net
Message-ID: <CkoCkiubGcFT066yn@access.digex.net>
Source record: 271337

In article <30u195$osn@gaia.ucs.orst.edu>, Tedd Traynor wrote:
> Newsgroups: rec.radio.scanner, alt.radio.scanner
> Subject: Handheld Scanners
> Summary: Scanners
> Expires:
> Sender: Tedd Traynor
> Followup-To:
> Distribution: world
> Organization: Oregon State University, Corvallis
> Keywords:
> Cc:
>
>
> Sorry about the first post. It is my first. I am interested in starting a
> discussion on handheld scanners. As I am new to scanners I have been
> reading this newsgroup to learn as much as I can. I would like to pose a
> few questions.
>
> 1. I have heard of a few models of scanners. Pro43, BC-200,
> BC-2500xlt, and Icom R-1 are a few that maybee all the newbee's to
> scanning would like to here about. Also, any not mentioned could be game.
> The Idea is to here from people that know about these radio's and have
> opinions as to why x is better than y and so on.
>
> 2. What is the reason scanners that get 200mhz-406mhz cost $100+
> more than scanners without those frequencies. Is it worth it?
>
> 3. Where is the best places to get a decent price on scanners.
>
> If this is an overdone thread then please send me info by E-Mail. Although
> I think there are many people that might like to read about this in news.
> Thanks for your time
>
> Tedd
>
>
> --
> ____
> Tedd Traynor E-Mail traynort@ucs.orst.edu
> Oregon State University The Rebellion Paintball Team
> (503) 752-4719 TIP #204 "Lt. OVERKILL"

The price is definitely worth it. Extra filtering to reduce out-of-band
signals. Plus lots of interesting listening up there.

The 2500 has continuous coverage and some dealers still have stock that can be modified to receive the cellular frequencies. If you're interested I'll pass on the dealer I know of...

Andy

6781. Uniden 890 Mods...

Newsgroup: rec.radio.scanner
Date: 1994-07-25 03:07:52 UTC
From: domonkos@access.digex.net
Message-ID: <gnoCkiubGYAA066yn@access.digex.net>
Source record: 271338

I'm looking for a mod for the Uniden 890 scanner that will allow forcing
the 250-400Mhz AM UHF airband into FM mode, if possible. I know
this has been done for other scanners.

Andy

6782. Re: Need RS customer service address

Newsgroup: rec.radio.scanner
Date: 1994-07-25 03:10:06 UTC
From: guru314708@aol.com
Message-ID: <30vaee$474@search01.news.aol.com>
Source record: 271334

In article <1994May13.130621.4076@news.clarkson.edu>,
billp@voyager.chm.clarkson.edu (Bill Plunkett) writes:

Try : One Tandy Center
FortWorth, TX 76101

6783. UHF -AIR Frequencies in Maryland...

Newsgroup: rec.radio.scanner
Date: 1994-07-25 03:11:39 UTC
From: domonkos@access.digex.net
Message-ID: <8soCkiubGo8T066yn@access.digex.net>
Source record: 271339

I'm looking for the UHF Air-band frequencies used here in Maryland.
Also, I'd like suggestions on good publications w/that info.
Thanks.

Andy

6784. Re: Radio Shack bashing!

Newsgroup: rec.radio.scanner
Date: 1994-07-25 03:32:06 UTC
From: guru314708@aol.com
Message-ID: <30vbnm$4kq@search01.news.aol.com>
Source record: 271340

Organization: America Online, Inc. (1-800-827-6364)
References: <12a.2368.757.0N3E20D6@compudata.com>

In article <12a.2368.757.0N3E20D6@compudata.com>,
dave.milsted@compudata.com (Dave Milsted) writes:

Hooper & Hawkins are a thing of the past at the Shack (since at least 4
years
ago). Ask a store manager if he's seen an H&H report lately and he'll say
HUH???

6785. WTB IMMEDIATELY: Used Handheld

Newsgroup: rec.radio.scanner
Date: 1994-07-25 03:45:43 UTC
From: umlangston@cc.memphis.edu
Message-ID: <1994Jul24.224543.21782@msuvx2.memphis.edu>
Source record: 271341

Hi...
I'm in the market for a handheld scanner immediately. The specs I'd like:

*cop/emergency freq range
*private ranges
*cordless range
*call range (but only a wish...this isn't necessary).

Anyway, I want to make the purchase by the end of the month (in 1 week),
and if you have a used handheld for sale, $100 or less, are willing to
guarantee functionality, features, and freqs, and are willing to ship
C.O.D., please email me immediately.

Thanks,
Mark

6786. Cells on portable TV?!?

Newsgroup: rec.radio.scanner
Date: 1994-07-25 03:50:47 UTC
From: umlangston@cc.memphis.edu
Message-ID: <1994Jul24.225047.21783@msuvx2.memphis.edu>
Source record: 271342

Just a tidbit for the curious (and, aren't we all?)

I got bored the other day, and started twiddling the tuner on my Dad's Goldbeam 5" B&W portable TV (the cheap kind, with analogue TV tuning and seperate AM/FM tuner).

Anyway, I was fooling around, mucking about UHF channel ranges 80-83, and I started getting cell phones. Never complete calls, but instead segments. The tuning was quite rough, and one strong signal would seem to carry several weaker ones. I figured they were cell because a) if I remember my physics, that's about the right freq range, b) people would say they were at a certain street when someone asked "where are you?", and c) (most telling) I could catch the very brief data packet bursts at the beginning or, more frequently, at the termination of calls.

Has anyone else experienced this, have an explanation or correction, or just care to comment? I was surprised.

Thanks,
Mark

6787. Re: That happened to me!

Newsgroup: rec.radio.scanner
Date: 1994-07-25 04:36:36 UTC
From: randymira@delphi.com
Message-ID: <9407250035591.DLITE.randymira@delphi.com>
Source record: 271343

>>That happened to me in Miami. Two scanner people stoped me to have me open
>>my backpack. They opened it because they were argueing over what my
>>flashlight was. (apperently they look differnt under x-rays). Then my
>>scanner devloped a suspicious look from one of the women and I
>>demonstrated that it was a "radio reciever, like a car radio".

I have always taken it in a brief case and the only time anyone asked me
about it they already knew what it was. I have never been asked to turn it
on or anything like that. I just put my brief case through the X-ray machine
and that is it...

Randy

6788. Freqs for Texas CD/EMD

Newsgroup: rec.radio.scanner
Date: 1994-07-25 05:21:33 UTC
From: mcs@cyberspace.org
Message-ID: <30vi4t$qbu@grex.cyberspace.org>
Source record: 271356

```
-----BEGIN PGP SIGNED MESSAGE-----

I was wondering if anyone had the specific frequencies
used by San Antonio Civil Defense/Emergency Management,
and those used by Bexar County Emergency Management/Fire
Marshal. I'd apprecaite it.

-----BEGIN PGP SIGNATURE-----
Version: 2.3

iQCVAgUBLjSrI53s65i04xhVAQHbFwP7B3aspPlCa3mDNCeQ6B8SP5uudajkb27c
TonhFRFm2RFwNliTzhmv5Y8q1kE8u+IjVre6G7iJdh+QAnCWjxj6pnXXTUDZGSEy
1jD2bkLCDn9TZ1yDV5CRKipjU16espj6VGO4BXCck0hektOAzFGoXjM81A1Wf8iY
iMyHtS6Ub/4=
=tiyD
-----END PGP SIGNATURE-----

--------------------------------------------------------------------------
Nicholas McLarty, KB8RBF/5 mcs@cyberspace.org kb8rbf@merit.edu
Waterford, Michigan Grex Cyberspace WB8TKL Hamgate

For public key, finger mcs@cyberspace.org or e-mail me at an address above

PGP Fingerprint C8 8D 9A D6 E2 7A BE 61 63 D5 11 6B 5F AC 7E 2B
```

6789. Re: Morse Code

Newsgroup: rec.radio.scanner
Date: 1994-07-25 07:31:20 UTC
From: hoagy@umcc.umcc.umich.edu
Message-ID: <30vpo8$dne@umcc.umcc.umich.edu>
Source record: 271344
Cross-posted to: rec.radio.scanner,alt.radio.scanner

>> Periodically, when I scan the police and fire frequencies around
>> 460-480 MhZ, my scanner picks up brief transmissions in Morse Code.
>
>> Does anyone have any idea what these are? I'm in the SF Bay Area.

Repeaters, which are used to extend the range of hand-held
radios, or mobile radios.

They're *not* amatuer repeaters. The range for the 70cm amatuer
band is 430MHz-450MHz. What you're hearing might be police,
ambulatory/rescue, or, even more likely, business radios and
security repeaters.

If you give me some specific freqs, I might be able to weed out
what they are.

--
....
Matt Rupert - 2984 Pheasant Run Dr. Apt D - Jackson MI 49202 - hoagy@ais.org
Personal Security / UNIX Enthusiast / Amatuer Radio - KB8SGL
Which is worse: ignorance or apathy? Who knows? Who cares?

6790. Re: Aux ???Speeker??? for BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-25 08:58:00 UTC
From: barkman@zeta.is.tcu.edu
Message-ID: <1994Jul25.040616.261@news.tcu.edu>
Source record: 271345

In article <19940724.090230.367@VNET.IBM.COM>, JPINTO@VNET.IBM.COM (JIM PINTO) writes...
>I have a Bearcat BC200XLT and would like to find out if anyone knows if an
>aux amplified portable speeker exists that will work with a handheld unit.
>I find the audio of the 200 to low when driving in a car or have it hanging
>on a belt clip under several layers of winter clothing. I tried an
>un-amplified remote lapel speeker from radio shack but found that I needed
>to crank the volumn near full to power the speeker. There is alwas the
>ear plug but I don't care for that option. Any advise would be appreciated.
>Thank you in advance.
>
First of all, what is a "speeker"?
As far as the low audio when using an external SPEAKER, there is a mod you
can do to get vastly more audio out of the earphone jack. I never used
it much for headphones anyway but if YOU do, be carefull. You may wind
up needing a hearing aid for which you won't have to worry about the scanner
audio anymore. Consult FTP hamster.business.uwo.ca in /pub/mods.

Jeepers, creepers, where'd you get those speekers? [sorry, I had to :)]

myles KG5AI

6791. Re: Shuttle Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-25 09:17:54 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.400.00094CA7@ccm.hf.intel.com>
Source record: 271282

In article <jim-190794110320@jimsmac.ttech.com> jim@ttech.com (Jim Wayda) writes:
>Does anyone know the frequency used for Space Shuttle to Ground
>communication. I know that rebroadcasts can be received on the ham bands
>and am NOT interested in this.

Sorry for the late reply. My site would not let me post for the past 4 days.
For future use:

SHUTTLE-TO-GROUND
2205.0 2217.5
2250.0 2287.5

GROUND-TO-SHUTTLE
2041.9 2201.4

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6792. QT service code and Mobilevision??

Newsgroup: rec.radio.scanner
Date: 1994-07-25 09:24:00 UTC
From: barkman@zeta.is.tcu.edu
Message-ID: <1994Jul25.043443.262@news.tcu.edu>
Source record: 271347

How exactly does the 220-222 band QT television ordering thing work?
I see it licensed in my area as 4 kHz wide SSB signals for use within a
50 mile radius using either 50W or 50mW and 10W or 10mW. It looks like
it is going on a 500' tower.

And what is this Mobilevision that is licensed on channels between
904.375 and 904.600 MHz for 50,000 pagers at 25kHz bandwidth?
It also has a single 8MHz-wide 922.000 MHz repeater. The service code shows
it to be radiolocation and the class (LR) also verifies that. This also
has a 50 mile radius of operation and is going up on two towers around town.
I believe the emission type has this as multi-mode with video and data.

Any info on this would be appreciated.

myles KG5AI
College Station TX home of Texas A&M

6793. Re: FTP sites

Newsgroup: rec.radio.scanner
Date: 1994-07-25 09:24:16 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.401.000967DA@ccm.hf.intel.com>
Source record: 271280
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1994Jul21.223616.20810@zodiac.cca.rockwell.com> sys_srr@afds.cca.rockwell.com (S. Rathinam) writes:

>It is not an encoded file. It is plain ASCII, so if you downloaded
>it as BINARY, download again as ASCII and type it to the screen.

FYI, the main purpose of BINARY and ASCII modes in FTP process is that there are many routers that are only 7 bit and can not handle the 8 bit characters of encoded or .exe type files. Selecting BINARY will allow ALL files to be transfered successfully. If you know the file is only 7 bit ASCII text, you can use ASCII mode, but why take the chance? If you always select BINARY mode, you will never have to worry about what is in the file.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6794. Re: Desolder-free cell mod for the Pro 43

Newsgroup: rec.radio.scanner
Date: 1994-07-25 09:34:12 UTC
From: dk@crl.com
Message-ID: <3100uk$qf8@crl.crl.com>
Source record: 271346
Cross-posted to: alt.radio.scanner,rec.radio.scanner

David A. Kaye (dk@crl.com) wrote:
: Nicholas McLarty (mcs@cyberspace.org) wrote:

: : In another words, I have 'On' and 'On with volume'. Boy I wish I had a
: : solder sucker-upper.

An ear syringe, the little bulb device used to squirt warm water into the ear, works well as a solder sucker. Just don't use it on your ear anymore. Then fit the syringe with a little metal sleeve such as you'd get off a mechanical pencil into the syringe so that you're not going to melt the syringe itself with the hot solder. I made one of these before solder suckers became famous. Hmmm...shoulda gotten a patent.

--
dk@crl.com According to a Roper opinion poll, 97% of
San Francisco Canadians are happy with their gov't health plan.

6795. Re: My Uniden Bearcat BC140 scanner failed, get just a

Newsgroup: rec.radio.scanner
Date: 1994-07-25 10:26:54 UTC
From: davidd@nbnet.nb.ca
Message-ID: <940725062654.B35D00@news.nbnet.nb.ca>
Source record: 271327
Cross-posted to: rec.radio.scanner,sci.electronics.repair

On Sun, 24 Jul 1994 21:42:12 GMT, wa2ise@netcom.com writes:
Here is a long shot to try...have not worked on any bearcat scannars, however many appliances operated from a separate plug in adaptor have a polarity safety diode in the circuit in case the polarity gets reversed. Open the case, check along the B+ line for a diode across the line. Check it with an ohm meter. If shorted, replace it and make sure you get it in properly oriented or it will short as soon as you apply power. If you like to live on the edge...simply remove the diode and operate without!. Dave D.>
>My old scanner, a Bearcat BC140 10 channel scanner, has a failure.
>I just get a buzz, and no led display. Figured the power adaptor
>went bad, and used a regulated power supply around 12 volts, still
>no good. Well, I get a "1" on the led display, but no scan, keys
>dead, somethimes a bit of crackle from the speaker. Squelch and
>volume don't do anything.
>
>Anyone have this or similar problem, and found what defective part
>did it?
>
>Scanner worked fine a few days before.
>
>I got myself a PRO 2006 some months ago, so I'm not "deaf". But this
>old one had its uses, and if it's a standard problem that my failure is,
>I'd like to fix it. Or else it goes into the junk box.
>

6796. Re: New AOR AR-8000

Newsgroup: rec.radio.scanner
Date: 1994-07-25 10:52:08 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.402.000ADECF@ccm.hf.intel.com>
Source record: 271285

In article <30mubg$gu@pipe1.pipeline.com> monty@pipeline.com (Bryan Montgomery) writes:

>Hi Brett (& others),

>I could be very mistaken, but I'm sure that I read that the
>software would handle the recording without any special
>hardware, other than a multi-media sound card. The mag was
>found in Barnes & Noble, I'll have to see if it's still there.

I would be interested in hearing more about the software if you have
additional details. It does sound different from what Bill is using. The
product you described sounds like it would be less expensive.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6797. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-25 11:38:04 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.403.000BA2CB@ccm.hf.intel.com>
Source record: 271286

In article <1994Jul19.202408.14094@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:

>It is also possible, if someone's hearing was damaged, that the person who
>caused the feedback could be sued - assuming that it could be proved. But,
>this would be a civil matter - not federal.

If you examine the feedback path, as the original poster described, the path is from the car stereo to the headset mic. The headset earphone is really just monitoring the path. So if anyone gets hearing damage it will be the guys in the car!! (not to mention possibly blowing the car speakers).

Not the best thought out prank.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6798. Re: Police & Medical Helo's

Newsgroup: rec.radio.scanner
Date: 1994-07-25 11:51:19 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.404.000BDB56@ccm.hf.intel.com>
Source record: 271287

In article <30p26u$4eo@svpal.svpal.org> donm@svpal.org (Donald McRoberts) writes:
>: Stanford's life flight (it is not really Stanford's) has about 5 freqs in
the >: 800MHz range. There is also a coordination freq that is 130.xxx that
the helo>: uses to talk directly to stanford. I could probably dig it up if
you need it.

>Stanford's Life Flight Helos use the following freqs:

> 854.0125, 852.2875, 858.3125, 854.0625, 853.7875

>Additionally, they have the capability to communicate with just about any
>other Police, Medical, etc communications as necessary.

>Santa Clara County EMS freqs are as follows:

> 856.4375 Primary Paramedic Dispatch
> 857.4375 Paramedic to Hospitals
> 858.4375 Data transmission to Hospitals

Thanks for posting those freqs. The other freq that is worth listening to is
130.050 Stanford Air Ambulance. This is the freq they often use to relay
patient condition to Stanford from the Helo.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6799. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-25 12:30:06 UTC
From: bkobb@newsignals.com
Message-ID: <netnewsCtHxE7.1FJ@netcom.com>
Source record: 271348

>Kit's are NOT illegal under any present law. Since a
>kit is not a complete product it does NOT require FCC approval

If the kit results in a device subject to FCC regulations, Part 15
that is, then it is subject to the ban that those regulations impose.

The devices that don't require FCC approval are those
that are *not* constructed from kits, are not marketed, and are built
in quantities of five or less for personal use (47 CFR 15.23).

Bennett Kobb

6800. Re: Chicago - McCormick Place

Newsgroup: rec.radio.scanner
Date: 1994-07-25 14:26:34 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CtI2sA.1wJ@nntpa.cb.att.com>
Source record: 271350

In article <30v71j$379@search01.news.aol.com>,
Gianotti <gianotti@aol.com> wrote:

>Anyone in Internet land have the frequencies used at
>Chicago's McCormick Place? If so please post. TNX

154.6000 low kb45345___ace worldwide moving & storage inc, for use at mccormic
k place and expo center, conventions
[chicago] (govt rcds)

453.0500 call?_____metro fair & expo auth, mccormick place, 127.3 pl
[chicago] (others)

kwy270____mccormick place, entertainment conventions
[chicago] (others)

453.4000 call?_____metro fair & expo auth, mccormick place, 127.3 pl
[chicago] (others)

453.8500 call?_____metro fair & expo auth, mccormick place, 127.3 pl
[chicago] (others)

462.7000 gmr call?_____mccormick place set up crews, 162.2 pl
[chicago] (others)

464.4750 wngl295___ara svcs inc, food svc at mccormick place, pl3a
[chicago] (others)

471.8625 wif588____mccormick display contractor, id="mdc" conventions
[chicago] (B Parnass)

--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6801. BC200XLT and Damark

Newsgroup: rec.radio.scanner
Date: 1994-07-25 14:42:00 UTC
From: Ben Hernandez <ben.hernandez@macsch.com>
Message-ID: <CtI3I2.3Ho@draco.macsch.com>
Source record: 271354

Where to find a low cost BC 200XLT:
Damark 1800-729-4744
Catalog# 9052
Item# 200551 Uniden Bearcat Scanner BC200XLT Refurbished by Uniden 90 day warranty, extended warranty for $20.00 more.
PRICE: $159.95
-Ben

6802. Cheyenne Rodeo Frequencies?

Newsgroup: rec.radio.scanner
Date: 1994-07-25 14:44:01 UTC
From: twriter@aol.com
Message-ID: <310j3h$dp7@search01.news.aol.com>
Source record: 271351

I'll be attending Frontier Day's in Cheyenne this coming weekend.
This my first time with my Pro-43 and I would really appreciate
any recommendations for frequencies (state, local, or pro-rodeo
related)

Thanks in advance,
Robert B. Hall
TWriter@aol.com

6803. Re: Public Safety Trunking - why use it?

Newsgroup: rec.radio.scanner
Date: 1994-07-25 15:10:02 UTC
From: plaws@comp.uark.edu
Message-ID: <Pine.3.89.9407251031.A28228-0100000@comp>
Source record: 271352

brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) writes:

>But this doesn't mean a lower priority radio will get bumped off the repeater
>if a police or fire radio keys up, does it? I have never heard this happen.

As I recall, the "priority" means that they are first in the queue of
radios waiting for an open channel. This would only happen if there were
more than one radio in the queueue - the PD would get an open channel
before the sanitation department even if the PD got into the queueueue
after the sanitation dept.

I don't *think* you would get "bumped" ...

>priority feature from the radio? I seem to remember a Moto trunk system that
>had a feature that the cops could switch on so that they had priority. This
>was used only in emergency situations.

... unless they have the emergency button feature (which APsCO recommends
/requires).

Anyone else have better info?

Peter Laws <plaws@comp.uark.edu> |"That's one small step for man, one giant
n5uwy@ka5bml.#nwar.ar.usa.noam | leap for Mankind" - Neil Armstrong 7-20-69

6804. Re: antenna and cable

Newsgroup: rec.radio.scanner
Date: 1994-07-25 15:16:31 UTC
From: judice@sulaco.enet.dec.com
Message-ID: <310l0f$5vo@nntpd.lkg.dec.com>
Source record: 271353

My understanding is that VHF radio signals are vertically polarized, while TV signals are horizontally polarized. Therefore, TV antennas will not do much for reception...

There are a number of relatively inexpensive scanner antennas that will do a good job. I've personally been happy dealing with Grove and Hamtronics, but all disclaimers apply.

--

Louis J. Judice | Email: judice@sulaco.enet.dec.com
Digital Equipment Corp. | Office: 908-562-4103
Computer Systems Division | Fax: 908-562-4441
20 Corporate Place South | "To those who heed the call of the machine,
Piscataway, NJ 08876 | we salute you..."

6805. Re: Police & Medical Helo's

Newsgroup: rec.radio.scanner
Date: 1994-07-25 15:54:41 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <310n81$hmi@thecourier.cims.nyu.edu>
Source record: 271374

In article <aioCkiubGMCG066yn@access.digex.net>, domonkos@access.digex.net (Andy Domonkos) writes:
|> Does anyone have the Med/Police Helo frequencies used in Maryland? Thakyou
|> in advance...
|>
|> Andy
|>

44.74 123.05
--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

6806. >>> Bearcat 200Xlt Handhe

Newsgroup: rec.radio.scanner
Date: 1994-07-25 16:26:00 UTC
From: dominic.post@woodybbs.com
Message-ID: <93.364.7592.0NFB2C6F@woodybbs.com>
Source record: 271167

```
SA>MSGID: 1:2619/211@fidonet.org 7c12711a
SA>*@SUBJECT:>>> Bearcat 200XLT handheld scanner for sale <<<
SA>Message-ID: <30bgbh$f65@taco.cc.ncsu.edu>
SA>Newsgroup: rec.radio.scanner,alt.radio.scanner,rec.radio.swap
SA>Organization: NC State University

SA> I have one for sale, it can receive cellular unmodified also.

SA> >>> Please include this message for reference <<<
SA> ====== S. Alavi [salavi@unity.ncsu.edu] (919)467-7909 (H) ========
Price???Price???--Please--
---
* OLX 2.1 TD * Is That all There Is. -=DgP=- Ridgefield, NJ.

--- QScan v1.067b
* Origin: B.F.W.K The Home of "Amateur Radio" (1:107/594)
```

6807. Busch Gardens/Williamsburg, Va Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-25 16:37:53 UTC
From: jgraham@safety.East.Sun.COM
Message-ID: <310pp1$7a6@walters.East.Sun.COM>
Source record: 271355

I'll be traveing to the Williamsburg, Va area during the middle of August. I was wondering if anybody had the freq's for the state and local PD and for Busch Gardens/Water Country.

TIA

Jim Graham
Sun Microsystems, Inc, Chelmsford, Ma
Site Safety Engineer
(508) 442-0616

6808. DC440 observations

Newsgroup: rec.radio.scanner
Date: 1994-07-25 16:39:21 UTC
From: lee@tosspot.sv.com
Message-ID: <as31Pc3w165w@tosspot.sv.com>
Source record: 271358

(Just a few comments from an actual user of the thing!)

The Optoelectronics DC440 is highly recommended by yours truly.
Picked it up a week or so ago and added it to my R-7000. Works nicely,
the '440 docs gave enough info to enable me to modify the R-7000 to
work with it and it's generally a useful little device.

It shows you DCS, DTMF and CTCSS codes/tones on whatever you're listening
to.

One nice little touch is that it can respond to the squelch line of you'r
(whoops, your) receiver - thereby knowing when to clear display and start
looking for new data again.

All in all, well worth the money and (for the scanner purists's money)
probably a neater dovetail into scanning receivers than the Universal
M-400 provides (just my own opinion!).

Lee

6809. Re: QT service code and Mobilevision??

Newsgroup: rec.radio.scanner
Date: 1994-07-25 16:53:17 UTC
From: bkobb@newsignals.com
Message-ID: <netnewsCtI9Ku.64w@netcom.com>
Source record: 271357

The Mobilevision is an automatic vehicle location/location & monitoring system. These have been authorized since the 70s but the field is only heating up now. Look for these to be all over the country as the FCC wraps up the contentious rule rewrite, within a few months if not very soon.

The other thing is a mobile radio service and not the television ordering service, which is just below the band you cited. The 220-222 band is a narrowband land mobile band.

Bennett KC5CW

6810. Itinerant and dot?

Newsgroup: rec.radio.scanner
Date: 1994-07-25 17:26:24 UTC
From: lee@tosspot.sv.com
Message-ID: <Py51Pc1w165w@tosspot.sv.com>
Source record: 271369

Would someone be kind and email the itinerant frequenices (all bands) and the color dot codes to me?

Thanks in advance,
le - lee@tosspot.sv.com

6811. Wanted : Pt Mugu (CA) freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-25 17:36:32 UTC
From: franck@mailhost.aimla.com
Message-ID: <310t70$30k@silver.aimla.com>
Source record: 271278

Hi,

I'm planning to go to Pt Mugu (North of L.A.) during this week and I would like to have the frequencies for this base.

thanx

franck

franck@aimla.com

6812. Re: Cells on portable TV?!?

Newsgroup: rec.radio.scanner
Date: 1994-07-25 17:42:33 UTC
From: frankb@moto.sr.hp.com
Message-ID: <CtIBuy.M3L@srgenprp.sr.hp.com>
Source record: 271359

Mark C. Langston (umlangston@cc.memphis.edu) wrote:
& Just a tidbit for the curious (and, aren't we all?)

& I got bored the other day, and started twiddling the tuner on my Dad's
& Goldbeam 5" B&W portable TV (the cheap kind, with analogue TV tuning and
& seperate AM/FM tuner).

& Anyway, I was fooling around, mucking about UHF channel ranges 80-83, and
& I started getting cell phones. Never complete calls, but instead segments.
& The tuning was quite rough, and one strong signal would seem to carry
& several weaker ones. I figured they were cell because a) if I remember

UHF TV channels 70-83 were re-allocated to other services years ago.
Older TVs with the higher channels can tune to cellular frequencies.
Channels 73-77 and 80-83 are where to look. The problem is TV broadcast
audio is wideband (50 KHz) and cellular phone is narrowband (in the 5-10
KHz range-I don't know exactly), so you will have problems with multiple
phone channels interfering with each other.

--
Frank Ball 1UR-M frankb@sr.hp.com (707) 794-4168 work
Hewlett Packard (707) 794-3844 fax (707) 538-3693 home
1212 Valley House Drive IT175 XT350, Seca 750, '62 F-100, PL510
Rohnert Park CA 94928-4999 KC6WUG AMA DoD #7566 NMLRA I'm the NRA.

6813. Re: Freedom of Information Act?

Newsgroup: rec.radio.scanner
Date: 1994-07-25 17:43:47 UTC
From: dbushong@wang.com
Message-ID: <CtIBx0.59L@wang.com>
Source record: 271360

Sherrod.Munday@launchpad.unc.edu (Sherrod Munday) writes:

>In article <kjnCt3FFw.Cts@netcom.com>, Ken Navarre <kjn@netcom.com> wrote:
>>Anyone out here had any experience with invoking provisions of the
>>Freedom of Information Act to obtain frequencies from a federal agency
>>that is stonewalling? We know the location of the document in question
>>and the person charged with its maintenance.

>I posted a similar request a few months back for personal experience of
>[...]

Try asking around in alt.privacy. There are some regular posters
there who probably have the answers.

Dave
--
Dave Bushong, Wang Imaging

6814. Re: antenna and cable

Newsgroup: rec.radio.scanner
Date: 1994-07-25 17:56:02 UTC
From: tweek@netcom.com
Message-ID: <tweekCtICHE.H42@netcom.com>
Source record: 271361

judice@sulaco.enet.dec.com () writes:
>
>
>My understanding is that VHF radio signals are vertically polarized,
>while TV signals are horizontally polarized. Therefore, TV antennas
>will not do much for reception...

Your understanding of the polarization of transmitted signals is
correct, however:

- reflected signals and edge refraction can change the polarization
of such a signal prior to it reaching the receiving antenna.

- Simply rotating the TV antenna will change the polarization of
the antenna.

6815. ICOM R1 INTERMOD PROBLEM

Newsgroup: rec.radio.scanner
Date: 1994-07-25 18:31:16 UTC
From: jim@ttech.com
Message-ID: <jim-250794103116@jimsmac.ttech.com>
Source record: 271362

I recently purchased a new ICOM R1 (with cellular) and am having EXTREME intermod problems in the 460 mhz range. Specifically, when tuned to 460.100 mhz,
a signal on 460.050 mhz completely wipes out the signal of 460.100 mhz. The signal on 460.100 mhz is completely unreadable. I have noticed other intermod problems with the R1 and contacted Icom technical support this morning. Icom technical support stated that this type of intermod is typical for a wide band receiver such as the R1, and suggested antenna attenuation (an aftermarket item). Is anyone else out there experiencing this problem? Are there other scanners (Trident, AOR) that provide the wide band coverage of the R1 without the extreme intermod? If so, what are the advantages/disadvantages of these units? Please reply soon, as I only have a week to return the R1.

-Jim

6816. Re: antenna and cable

Newsgroup: rec.radio.scanner
Date: 1994-07-25 19:36:47 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <31148f$nap@thecourier.cims.nyu.edu>
Source record: 271284

I have heard that the polarization doesn't do much harm for receive mode..
but that it really does hurt while transmitting.

In article <310l0f$5vo@nntpd.lkg.dec.com>, judice@sulaco.enet.dec.com () writes:
|>
|>
|> My understanding is that VHF radio signals are vertically polarized,
|> while TV signals are horizontally polarized. Therefore, TV antennas
|> will not do much for reception...

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

6817. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-25 19:40:14 UTC
From: domonkos@access.digex.net
Message-ID: <Rt-CkiubGEO1066yn@access.digex.net>
Source record: 271366

In article <CtGKv6.D66@sgb.oau.org>, Steven Bradley wrote:
> ^^^^^^^^^^^^
> KITS CAN NOT BE FCC TYPE ACCEPTED. This is due to the style of case
> must be taken into account. Since these normally allow for an OPTIONAL case
> kit to make it look professional, they do not include the case to avoid any
> chance of needing FCC approval. Since without the case, the FCC could not
> approve it.
>
> KITS are a bag of parts. Plans. Box. These are basic raw materials.
> You may build it as described, or you may have bought the box and parts for
> something else which just happened to have what you needed. NO FCC approval
> needed or obtainable. Not a manufactured product.
>
> : then you will not be able to legally buy one that can easily be modified to
> : receive cellular transmissions.
>
> <<< REDUCING FLAME MODE TO 50% POWER >>>
>
> You need to brush up on the law a little. Hopefully the comments
> above will set you in the right direction. You are off course enough
> degrees to miss the runway right now. If you have legal references, please
> cite them in a follow-up. Thanks.
>
> <<< FLAME MODE OFF >>>
>
> Steven
> ---

Steve,

So lets say I develop a processor 'add-on' board to work with specific
receivers that 'force' the scanner to cover whatever frequency range I
want and market it, it's legal. Especially if it's not even an RF device.
Any other comm's engineers that want to discuss the possibilities of this
w/me? Time to break out our scanner service manuals...\

Andy

6818. Re: Cells on portable TV?!?

Newsgroup: rec.radio.scanner
Date: 1994-07-25 19:40:28 UTC
From: domonkos@access.digex.net
Message-ID: <s$-CkiubGUON066yn@access.digex.net>
Source record: 271365

In article <1994Jul24.225047.21783@msuvx2.memphis.edu>, Mark C. Langston wrote:
>
> Anyway, I was fooling around, mucking about UHF channel ranges 80-83, and
> I started getting cell phones. Never complete calls, but instead segments.
> The tuning was quite rough, and one strong signal would seem to carry
> several weaker ones. I figured they were cell because a) if I remember
> my physics, that's about the right freq range, b) people would say they
> were at a certain street when someone asked "where are you?", and c)
> (most telling) I could catch the very brief data packet bursts at the
> beginning or, more frequently, at the termination of calls.
>
> Has anyone else experienced this, have an explanation or correction, or
> just care to comment? I was surprised.
>
> Thanks,
> Mark
>
>
Older TV's that could receive up to UHF channel 83 could receive cell-calls.
The tuning is tight but w/perservence and a preamp you could 'tune' across
the cell bands. I have a Motorola RGB color monitor TV tuner adapter that
I played with for a while. I added a preamp and programmed in the busy
channels in the area and it worked quite well.

Andy

6819. Re: McDonald's Freqs (WHY?)

Newsgroup: rec.radio.scanner
Date: 1994-07-25 20:04:09 UTC
From: jhanson@yar.cs.wisc.edu
Message-ID: <3115rp$l9i@spool.cs.wisc.edu>
Source record: 271367

In article <kjnCt5uMz.1nB@netcom.com>, Ken Navarre <kjn@netcom.com> wrote:
>I have found the drive thru freqs helpful as I drive the Interstate
>Freeway system. When I get hungry I punch the scanner bank with the
>freqs, check the display and see which one is at the next off-ramp...
>kind of a McDonalds detector...

Which, of course, is MUCH easier than reading those blue exit informations
signs... :)
--
Jason J. Hanson | 22 Langdon Street #220 | (608) 256-1004
Univ. of Wisconsin | Madison, WI 53703-1344 | Ham: N9LEA (Extra)
-- jhanson@yar.cs.wisc.edu =*+++*= n9lea@wd9esu.#scwi.wi.usa.noam --

6820. EAA/OshKosh freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-25 20:39:39 UTC
From: drone@alt07.altair.wes.mot.com
Message-ID: <CtIK24.MJy@wes.mot.com>
Source record: 271370

[No readable article body recovered]

6821. All bands vs. Discone (was Re: Discone antenna)

Newsgroup: rec.radio.scanner
Date: 1994-07-25 20:45:18 UTC
From: pdennis@vnet.ibm.com
Message-ID: <19940725.164518.877@vnet.ibm.com>
Source record: 271364

<Crosspost to ALT.radio.scanner removed because my reader
won't let me post to it :-(>

In article <CtEAEE.566@railnet.nshore.org>,
on Sat, 23 Jul 1994 13:20:35 GMT,
Richard Banks <richb@railnet.nshore.org> writes:
>
>I have both a discone antenna and a all-band antenna on my roof.
>Both are from radio shack. The all-band antenna is a ground plane and
>gives much much more gain than the discone. Plus it costs half the
>price. Forget the discone just get the all-band.
>
This may be a stupid question, but that's what we're all here
for anyhow.....

I was considering an all band antenna to put in my attic. Problem
is that I really have no way to "ground" it. The question is, do
I really NEED a good grounding connection or what? Any help
would be appreciated.

****
Thanks to the Interstate Highway System, it is now possible
*to travel across the country from coast to coast without *
*seeing anything. --Charles Kuralt `-_-' *
* 'U` *
*ALL STANDARD DISCLAIMERS APPLY, Next time, *
*PDENNIS@VNET.IBM.COM A.K.A. PHIL DENNIS take the train! *
****

6822. EAA/OshKosh Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-25 20:48:06 UTC
From: drone@alt07.altair.wes.mot.com
Message-ID: <CtIKG7.Mon@wes.mot.com>
Source record: 271372

Some friends and I are heading up to the EAA airshow at OshKosh this weekend. Does anyone know where I can get a list of frequencies their tower might be using? You can reply, but I'd prefer you sent email to stephen_drone@wes.mot.com

later, and thanks,
Stephen

6823. Indy car/CART frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-25 20:52:11 UTC
From: drone@alt07.altair.wes.mot.com
Message-ID: <CtIKn0.Mqt@wes.mot.com>
Source record: 271373

I've been looking for a list of frequencies used by CART
teams (Penske, Newman/Haas, etc). Does anyone here know where I
can get this list? Do I need to buy it, FTP it?

thanks,
Stephen

You can reply, but I'd prefer you emailed to stephen_drone@wes.mot.com

6824. Re: ICOM R1 INTERMOD PROBLEM

Newsgroup: rec.radio.scanner
Date: 1994-07-25 21:06:22 UTC
From: horak@convex.com
Message-ID: <horak.775170382@convex.com>
Source record: 271371

In <jim-250794103116@jimsmac.ttech.com> jim@ttech.com (Jim Wayda) writes:

>I recently purchased a new ICOM R1 (with cellular) and am having EXTREME
>intermod problems in the 460 mhz range. Specifically, when tuned to 460.100
>a signal on 460.050 mhz completely wipes out the signal of 460.100 mhz. The
>signal on 460.100 mhz is completely unreadable.

This sounds more like a selectivity problem than intermod. I would try a
weaker antenna that will still receive 460.1 but makes 460.05 much less
powerful. There isn't much else you can do, especially if you're real
close to the 460.05 signal and far away from the 460.1 signal.

David

6825. pro-43 vs pro-34

Newsgroup: rec.radio.scanner
Date: 1994-07-25 21:11:05 UTC
From: Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <3119p9$l3m@netnews.upenn.edu>
Source record: 271363
Cross-posted to: alt.radio.scanner,rec.radio.scanner

What is the difference between the Pro-43 and Pro-34 scanner? I called my local rat shack and they had a 43 listed for around $200 (but they were sold out) and they'd never heard of the 34.

6826. Re: Discone antenna

Newsgroup: rec.radio.scanner
Date: 1994-07-25 21:17:04 UTC
From: david@roth-music.com
Message-ID: <0105009A.5j5fv8@david.roth-music.com>
Source record: 271368
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <8eoCkiubGkAG066yn@access.digex.net> (alt.radio.scanner,rec.radio.scanner), domonkos@access.digex.net (Andy Domonkos) writes:

> In article <CtEAEE.566@railnet.nshore.org>, Richard Banks wrote:
> >
> > I have both a discone antenna and a all-band antenna on my roof.
> > Both are from radio shack. The all-band antenna is a ground plane and
> > gives much much more gain than the discone. Plus it costs half the
> > price. Forget the discone just get the all-band.
> >
> >
> If you need UHF Air and 800Mhz coverage adding 2 extra elements cut to
> each frequency range was REAL easy. Now I've got an all band optimized
> for all my scanner bands.
>
> The discone is still not bad if all you want is 'general' coverage and
> gain is not an issue.
>
> Andy

What's the formular for cutting an antenna to a specific frequency
or range?

Thanks,
David
david@roth-music.com

6827. NRD535D (2 for sale) and NRD525 HF Receivers for Sale

Newsgroup: rec.radio.scanner
Date: 1994-07-25 21:36:33 UTC
From: crisp@netcom.com
Message-ID: <crispCtIMox.AvC@netcom.com>
Source record: 271275
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

I have two NRD535D Deluxe HF receivers for sale. The 535D has the best computer interface of the high end tabletop receivers that I have used. One of the two has the High stability oscillator and the narrow C W filter too, while the other does not have these options.

the one with the high stability oscillator and cw filter is $1200 and the stock one is $1100. The stock one has a minor dent on the top cover from sitting at the bottom of a stack of receivers.

The nrd525 for sale includes the narrow CW filter and the computer interface with cable.

Each of the three NRDs will be provided with a copy of the computer control program, NRD, written by Tom Whiteside. It is a great program and I will include lots of frequency logs to go with it. The program runs on PC compatibles

call or email inquiries, buyer pays shipping. I am the original owner of one of the 535Ds and the 525 btw.

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk (408) 253 4541 fax
For PGP Public Key, type finger crisp@netcom.com
"It is a good thing that we do not get as much government as we pay for"
-Will Rogers

6828. Re: CHP<->Police Conversation

Newsgroup: rec.radio.scanner
Date: 1994-07-25 21:43:00 UTC
From: boothc@kenyon.edu
Message-ID: <1994Jul25.164300.1838@kcvax1>
Source record: 271292

>>At one point, I
>>could hear both sides of conversation where one end was a sheriff
>>deputy in the field, and the other end was, I believe, CHP dispatch.
>
> This may true elsewhere in the state as well, but in San Mateo county, I
> often hear the county sherrif communicating directly with CHP mobiles
> (91-xx units) on county frequencies. In other words, the CHP units have
> county-capable radios with them. It's possible that the CHP mobile didn't
> have good enough comms with CHP dispatch in that particular location, so
> used county radio for assistance.
>

Or, They could have just been talking to each other using their respective
scanners :) ie you talk on your assigned freq and I hear it and then I talk
on my assigned freq and you hear it.

Carter

--
boothc@kenyon.edu

6829. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-25 21:55:36 UTC
From: mulligan@ACM.ORG
Message-ID: <311cco$dmm@hopper.acm.org>
Source record: 271277

steven@sgb.oau.org (Steven Bradley) wrote:

> Kit's are NOT illegal under any present law.
Hmmm ... 47 CFR 15.3(p), Definitions - Kit; 15.23, Home-built Devices; and 15.25, Kits would seem to address this. Admittedly, they're more concerned with TV interface devices, but a blanket statement that there is no law is misleading (it's a regulation, not a law).

> ... with the PRO-43 ... you order in the board, move D3 to D4, ...
Moving D3 to D4 would lock out the cellular freqs. Kinda defeats the whole purpose of getting a non-US board.

> While the ECPA says ...
Again misleading, since the law affecting modifiable scanners was TDDRA, which caused the FCC to add 47 CFR 15.121 (ref. 58 FR 25575, 27 Apr 93; 58 FR 29454, 20 May 93).

> KITS CAN NOT BE FCC TYPE ACCEPTED.
Type Acceptance applies to station transmitters; the procedure for scanners is Certification. Note that the kits specified in 47 CFR 15.25 are still subject to Certification or Notification, as appropriate. Note also that a replacement CPU board would be a subassembly, not a kit.

> ENGAGING TURBO FLAME MODE
Maybe a little less heat and more light might be appropriate.

> You need to brush up on the law a little.
I must have bought the wrong modem. It appears that a lot of other people got a law degree packed in with their's <g>.
/* barry /&

6830. FCC vs. Kenwood

Newsgroup: rec.radio.scanner
Date: 1994-07-25 22:03:19 UTC
From: bill@thd.tv.tek.com
Message-ID: <311cr7$gu7@news.tv.tek.com>
Source record: 271276

From the FCC's gopher server:

$//Scanning receivers, ET Docket No. 93-1, FCC 94-183//$

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554

In the Matter of
)
Amendment of Parts 2 and 15 to)
Prohibit Marketing of Radio Scanners) ET Docket No. 93-1
Capable of Intercepting Cellular)
Telephone Conversations)

MEMORANDUM OPINION AND ORDER

Adopted: July 8, 1994 ; Released:

By the Commission:

INTRODUCTION

1. By this action, the Commission denies a request by Kenwood Communications Corporation (Kenwood) for reconsideration of portions of the rules adopted in the Report and Order in this proceeding. Those rules, which were adopted in response to the recently enacted Telephone Disclosure and Dispute Resolution Act (TDDRA), Pub. L. 102-556, generally prohibit the manufacture and importation of radio scanners capable of receiving cellular telephone communications. Kenwood seeks changes in the implementation dates for the rules, an exemption for scanners intended for use by certain parties and a relaxation of the definition of equipment that can be readily altered by the user. We find the rule changes requested by Kenwood to be inconsistent with either the intent or the specific provisions of the TDDRA.

BACKGROUND

2. As defined in Part 15 of our rules, scanning receivers, or "scanners," are radio receivers that can automatically switch between four or more frequencies within the 30-960 MHz band. Historically, the Commission has regulated scanners only with respect to the radio noise that they inherently generate. As a result, many, but not all, currently-available models of scanners are able to receive communications in the Domestic Public Cellular Radio Telecommunications Service, i.e., the cellular service, which uses frequencies in the 824-849 MHz and 869-894 MHz bands. In addition, several publications have described relatively simple modifications that users can make to enable other models of scanners to receive the cellular

frequencies.

3. Section 403 of the TDDRA requires that the Commission adopt rules to prohibit the manufacture or importation of scanning equipment that can be used to intercept cellular telephone communications. This section requires the Commission to amend its Part 15 regulations to deny equipment authorization to scanners capable of:

- receiving transmissions in the frequencies allocated to the Domestic Public Cellular Radio Telecommunications Service;

- readily being altered by the user to receive transmissions in such frequencies; or,

- being equipped with decoders that convert digital cellular transmissions to analogue voice audio.

Section 403(a) of the TDDRA also requires that the Commission prohibit the manufacture and importation of scanners that do not meet the new requirements beginning one year after the effective date of the amended rules.

4. On April 19, 1993, the Commission adopted the Report and Order in this proceeding, implementing the requirements of the TDDRA. The rules became effective on April 26, 1993, and the manufacture and importation of scanning receivers that do not comply with the new rules will be prohibited as of April 26, 1994. The rules define scanners that can be readily altered by the user as:

... those for which the ability to receive transmissions in the cellular telephone bands can be added by clipping the leads of, or installing, a simple component such as a diode, resistor and/or jumper wire; replacing a plug-in semiconductor chip; or programming a semiconductor chip using special access codes or an external device, such as a personal computer.

DISCUSSION

5. In its Petition for Reconsideration, Kenwood raises three issues. First, it argues that the deadlines for complying with the rules adopted in this proceeding should be extended because its product development cycle can often take several years. Second, it requests that scanners sold to Military Affiliate Radio Service (MARS) and Civil Air Patrol (CAP) licensees be exempt from the regulations adopted in this proceeding because MARS and CAP licensees, by virtue of their licenses, are already directly subject to Commission jurisdiction in the event that they illegally monitor cellular communications. Finally, it argues that the definition of "readily altered by the user" that was adopted in this proceeding should include only scanners that can be modified "quickly" by "non-technical" consumers. There were no comments filed in response to the Kenwood petition. These issues, along with our findings and conclusions, are discussed below.

6. Implementation dates. Kenwood contends that the April 26, 1993, cutoff date for equipment authorization and the April 26, 1994, cutoff date

for manufacture and importation of scanners that do not comply with the new rules do not provide sufficient time to design and build new products to replace those being prohibited. We recognize that the cutoff dates provide only a limited amount of time for transition of products to the new rules. This short period of time is, however, mandated by the TDDRA and reflects the position of Congress that reception of cellular communications by means of scanning receivers is a serious problem that must be resolved expeditiously. Accordingly, we are denying Kenwood's request for an extension of the cutoff dates for importation and manufacture of scanners that do not comply with the new rules.

7. Exemption for equipment sold to MARS and CAP licensees. Consistent with Section 403(c) of the TDDRA, the new rules exempt only scanners sold to cellular telephone service providers and federal, state and local governments from the cellular scanner prohibition. Kenwood requests that we also exempt scanners modified at its factory for use by MARS and CAP licensees.

8. Kenwood states that it manufactures two-way transceivers for licensees in various radio services, including land mobile, marine, and amateur users. Some of these transceivers contain scanning capability and, as such, are subject to the rules adopted in this proceeding. While the transceivers are generally set up to operate only on frequencies available within a particular radio service, Kenwood indicates that some of its transceivers are routinely modified at its factory to operate on additional frequencies, such as those used by MARS and CAP licensees, in order to accommodate the needs of its customers. Kenwood states that these factory modifications can result, incidentally, in the ability to scan cellular telephone frequencies. Kenwood argues that MARS and CAP licensees, by virtue of their license, are already directly subject to Commission jurisdiction in the event that they illegally monitor cellular communications, and that therefore there is no need to restrict its factory modifications.

9. We see no reason why it is not possible to manufacture equipment to operate on MARS and CAP frequencies without resulting in that equipment also having the capability to receive the cellular frequencies. MARS and CAP frequencies are far removed from the cellular frequencies. Consequently, we find that there is no technical justification for exempting scanning equipment from the rules adopted in this proceeding based on its intended use by MARS or CAP licensees. Furthermore, although the TDDRA did exempt certain scanners from its requirements, as discussed above, it did not provide for exemptions such as that requested by Kenwood. We recognize that some manufacturers of existing equipment may find it difficult to block out cellular frequencies. However, while the restrictions we have adopted may make it somewhat more difficult and expensive to manufacture certain MARS and CAP equipment, we do not believe that the costs associated with complying with the TDDRA are so great as to justify creating an exemption for MARS and CAP equipment. Moreover, Kenwood's argument that we can take action against any Commission-issued license if the licensee is found to have violated federal law ignores the intent and specific provisions of Section 403 of the TDDRA. Accordingly, we are denying Kenwood's request to exempt equipment sold to MARS and CAP licensees from the rules adopted in this proceeding.

10. The definition of "readily altered by the user." Section 403(a) of the TDDRA requires that the Commission deny equipment authorization to scanners capable of being "readily altered by the user." It does not, however, specify the characteristics of a scanner design that is "readily alterable." The only indication of the definition Congress intended for "readily alterable" is found in the legislative history of the TDDRA, where Congress expressed concern about scanners that can be modified by "cutting a single wire" or following the instructions in a "how-to" manual. Based on this information, we proposed, and ultimately adopted, a definition of "readily altered by the user" that describes scanner designs like those found in "how-to" manuals currently on the market. Our definition of scanners that can be "readily altered by the user" reads as follows:

Receivers capable of "readily being altered by the user" include, but are not limited to, those for which the ability to receive transmissions in the cellular telephone bands can be added by clipping the leads of, or installing, a simple component such as a diode, resistor and/or jumper wire; replacing a plug-in semiconductor chip; or programming a semiconductor chip using special access codes or an external device, such as a personal computer.

11. Kenwood requests that we modify the definition of "readily altered by the user" to include only devices that can be quickly modified by "non-technical consumers." It argues that our description of readily alterable devices does not provide adequate guidance to manufacturers because it only provides a few anecdotal examples, leaving the manufacturer to guess whether or not other designs would be considered "readily alterable."

12. We believe that Kenwood's proposed definition would make it too easy to modify scanners. It was clearly Congress' intent to stop the manufacture and importation of cellular-blocked scanners that, once purchased by consumers, can be easily modified to receive cellular frequencies. Most of the examples given in our definition of scanners that can be "readily altered by the user" are modifications that perhaps could not be done by "non-technical consumers." Yet, they are examples of precisely the kind of easy modifications that we believe the TDDRA was intended to prohibit. While we appreciate Kenwood's concern that manufacturers may need more guidance on the definition, we do not believe that restricting "readily altered by the user" to include only quick changes made by "non-technical consumers" is appropriate. Nevertheless, to the extent that Kenwood, or any other manufacturer, has specific questions as to whether or how the rule applies to its particular product or situation, it may request an interpretation from our staff. Such inquiries are encouraged and, consistent with our longstanding policy regarding the Part 15 rules, we will allow our equipment authorization staff to interpret, on an ad hoc basis, how these rules will be applied. Accordingly, we are rejecting Kenwood's request.

ORDERING CLAUSES

13. In accordance with the above discussion and pursuant to the authority contained in Sections 4(i), 302 and 303 of the Communications Act of 1934, as amended, and the Telephone Disclosure and Dispute Resolution Act, IT IS ORDERED that the Petition for Reconsideration filed by Kenwood

Communications Corporation IS DENIED.

FEDERAL COMMUNICATIONS COMMISSION

William F. Caton Acting Secretary
.
--
Bill McFadden Tektronix, Inc. P.O. Box 500 MS 58-639 Beaverton, OR 97077
bill@tv.tv.tek.com, ...!tektronix!tv.tv.tek.com!bill Phone: (503) 627-6920
How can I prove I am not crazy to people who are?

6831. Re: ICOM R1 INTERMOD PROBLEM

Newsgroup: rec.radio.scanner
Date: 1994-07-25 22:41:16 UTC
From: schuster@panix.com
Message-ID: <311f2c$qt7@panix.com>
Source record: 271279

In article <jim-250794103116@jimsmac.ttech.com>,
Jim Wayda <jim@ttech.com> wrote:
>I recently purchased a new ICOM R1 (with cellular) and am having EXTREME
>intermod problems in the 460 mhz range. Specifically, when tuned to 460.100
>mhz,
>a signal on 460.050 mhz completely wipes out the signal of 460.100 mhz. The
>signal on 460.100 mhz is completely unreadable. I have noticed other
>intermod problems with the R1 and contacted Icom technical support this
>morning. Icom technical support stated that this type of intermod is
>typical for a wide band receiver such as the R1, and suggested antenna
>attenuation (an aftermarket item). Is anyone else out there experiencing
>this problem? Are there other scanners (Trident, AOR) that provide the wide
>band coverage of the R1 without the extreme intermod? If so, what are the
>advantages/disadvantages of these units? Please reply soon, as I only have
>a week to return the R1.

Return it, and try out a Trident/AOR/Camnis rig (if you must buy in the
US, have return privileges, and continuous wideband coverage) in your own
RF environment.

True, any wideband scanner is going to have intermod problems to some
degree. But the R1 is below the norm because a great deal of it results
from mixing products from INSIDE. The synthesizer in this radio is very
noisy, and spurs from the synth get mixed into one of the IF stages. This
creates images of signals many kilohertz away. There used to be a
third-party (UK) fix for this, but the company producing the filter
upgrade no longer exists.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6832. Re: Cells on portable TV?!?

Newsgroup: rec.radio.scanner
Date: 1994-07-25 23:09:18 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.33.00112837@chevron.com>
Source record: 271283

In article <1994Jul24.225047.21783@msuvx2.memphis.edu> umlangston@cc.memphis.edu (Mark C. Langston) writes:
[snip]
>Anyway, I was fooling around, mucking about UHF channel ranges 80-83, and
>I started getting cell phones. Never complete calls, but instead segments.
>The tuning was quite rough, and one strong signal would seem to carry
>several weaker ones. I figured they were cell because a) if I remember
>my physics, that's about the right freq range, b) people would say they
>were at a certain street when someone asked "where are you?", and c)
>(most telling) I could catch the very brief data packet bursts at the
>beginning or, more frequently, at the termination of calls.

>Has anyone else experienced this, have an explanation or correction, or
>just care to comment? I was surprised.

A lot of the 800 MHz radio services are in spectrum reallocated from old UHF TV channels that were never used. Would not be surpised if your could also hear trunked systems.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
Amateur KD6ELA / GROL PG10-25691 / Private Pilot

6833. Help Pro-2032 Mod

Newsgroup: rec.radio.scanner
Date: 1994-07-26 00:08:03 UTC
From: tmduong@ccgate.dp.beckman.com
Message-ID: <tmduong.11.2E3453E3@ccgate.dp.beckman.com>
Source record: 271281

Help! Does any one know how to do the modification to the Pro-2032 to get 800 MHz cell.

Thanks in advance.

6834. Boat Races!

Newsgroup: rec.radio.scanner
Date: 1994-07-26 00:46:00 UTC
From: gary.paulson@onestop.sccsi.com
Message-ID: <2002.2300.uupcb@onestop.sccsi.com>
Source record: 271258

Hydro Plane Time!

Was wondering if anyone had any of the frequencies for the boats/crews
for the hydroplane races. It would be fun to listen to the Circus-Circus,
Miss Bud, etc.

Thanks!

. SPEED 1.40 [NR] . The number you have dialed: 9-1-1, has been changed,...

One Stop PCBoard = Eastern Washington's Electronic Information Service

6835. Service Manual PRO 2022

Newsgroup: rec.radio.scanner
Date: 1994-07-26 01:14:42 UTC
From: glenn.butterfield@chowda.com
Message-ID: <9407252210315873@chowda.com>
Source record: 271295

I was wondering where you got the Service manual for the Relastic PRO-2022. I have been wanting to obtain one since I just bought one used a little over a month ago.

6836. Re: MVT 7100

Newsgroup: rec.radio.scanner
Date: 1994-07-26 01:22:01 UTC
From: gesman@io.org
Message-ID: <311ofp$8l7@ionews.io.org>
Source record: 271288

In article <132302Z24071994@anon.penet.fi>,
Fubar <an113259@anon.penet.fi> wrote:
>I remember hearing alot about this scanner awhile back, about how for a
>continous scanner, it was really good. (Best of it's kind anyway)
>
>At anyrate, it was enough to spark my interest, and I am looking for one,
>that has no blocks. Of course this means that most US companies don't have
>what I want. Does anyone know of where I can ge ahold of one?

I've got mine from Radio Lorenz in Montreal for $750+7% taxes + smth. for
delivery. $750 - in Canadian dollars. That was a few months ago.
Here in Toronto similar stores selling the same model for stupidly high
prices - $850CDN +15% taxes for Ontario residents.
I told them that they're losing the whole North American market because
of their prices, but he didn't pay attention.
As a result - my advice to call: (514) 392-9200 Radio Lorenz.
And don't forget to get a case for it. I've got a vinul case and quite
satisfied with it. Although it costs additional $39CDN.

--
Gleb Esman.

6837. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-26 01:38:25 UTC
From: steven@sgb.oau.org
Message-ID: <CtIxw2.F9v@sgb.oau.org>
Source record: 271321

Bennett Z. Kobb (bkobb@newsignals.com) wrote:
: >Kit's are NOT illegal under any present law. Since a
: >kit is not a complete product it does NOT require FCC approval

: If the kit results in a device subject to FCC regulations, Part 15
: that is, then it is subject to the ban that those regulations impose.

The manufacturer / dealer is NOT subject to the Part 15 regulations
when he sells such kits as he subsequently is NOT in control of
what the box/board/parts/instructions are ultimately responsible.

Such, IF the law applied to kits (which it does NOT), it would be
as (un)enforcible as the ECPA regulations.

BTW, I am enjoying a real nice night of cellular listening from
sunny Florida this evening. I think that summarizes my feelings.

: The devices that don't require FCC approval are those
: that are *not* constructed from kits, are not marketed, and are built
: in quantities of five or less for personal use (47 CFR 15.23).

General agreement here...

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6838. Re: ICOM R1 INTERMOD PROBLEM

Newsgroup: rec.radio.scanner
Date: 1994-07-26 01:45:51 UTC
From: baxter@kuhub.cc.ukans.edu
Message-ID: <1994Jul25.204551.69071@kuhub.cc.ukans.edu>
Source record: 271290

In article <jim-250794103116@jimsmac.ttech.com>, jim@ttech.com (Jim Wayda) writes:
> I recently purchased a new ICOM R1 (with cellular) and am having EXTREME
> intermod problems in the 460 mhz range. Specifically, when tuned to 460.100
> mhz,
> a signal on 460.050 mhz completely wipes out the signal of 460.100 mhz. The
> signal on 460.100 mhz is completely unreadable. I have noticed other
> intermod problems with the R1 and contacted Icom technical support this
> morning. Icom technical support stated that this type of intermod is
> typical for a wide band receiver such as the R1, and suggested antenna
> attenuation (an aftermarket item). Is anyone else out there experiencing
> this problem? Are there other scanners (Trident, AOR) that provide the wide
> band coverage of the R1 without the extreme intermod? If so, what are the
> advantages/disadvantages of these units? Please reply soon, as I only have
> a week to return the R1.

The poor selectivity of the R1, plus high noise floor from synthesizer noise
is well known over the net. I live in a high RF area of Kansas City, and
the R1 was not very useful in my environment. You may want to throughly
test the unit on your favourite frequencies during your trial period. I
found the R1 too broad and lacking in selectivity to be useful as a scanner.
It would just lock stop on nearly all off band frequencies.

73, Kirk, N0FPZ

6839. Best Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-07-26 02:34:14 UTC
From: Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <311sn6$d3c@netnews.upenn.edu>
Source record: 271291

Does anyone have some good scanner stories, like the time that you found out that your neighbors were working for the Mob or your neighborhood had a raving psychopath going through it and the police didn't want anyone to know and panic?

Just wondering.

6840. Re: FCC vs. Kenwood

Newsgroup: rec.radio.scanner
Date: 1994-07-26 03:27:21 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jul25.222721.2686@hnrc.tufts.edu>
Source record: 271305

>
> 4. On April 19, 1993, the Commission adopted the Report and Order in
> this proceeding, implementing the requirements of the TDDRA. The rules
> became effective on April 26, 1993, and the manufacture and importation of
> scanning receivers that do not comply with the new rules will be prohibited
> as of April 26, 1994. The rules define scanners that can be readily altered
> by the user as:
>
> ... those for which the ability to receive transmissions in the cellular
> telephone bands can be added by clipping the leads of, or installing, a
> simple component such as a diode, resistor and/or jumper wire; replacing
> a plug-in semiconductor chip; or programming a semiconductor chip using
> special access codes or an external device, such as a personal
> computer.
>

Wouldn't the modifiable PRO-43 be permissible under this rule?

6841. Re: pro-43 vs pro-34

Newsgroup: rec.radio.scanner
Date: 1994-07-26 03:28:13 UTC
From: wolf@beta.lanl.gov
Message-ID: <311vsd$i21@newshost.lanl.gov>
Source record: 271145
Cross-posted to: alt.radio.scanner,rec.radio.scanner

i'd like to add a few questions along these lines. i've been lloking around for a new scanner and was told to look for an unblocked yupiteru mvt7100. where in the world can one find these radios now? addresses of any dealers with these around? also, how does the pro-43's audio and rf compare to the yupi's? sound better? better image rejection, etc?

6842. Re: Itinerant and dot?

Newsgroup: rec.radio.scanner
Date: 1994-07-26 03:30:36 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jul25.223036.2687@hnrc.tufts.edu>
Source record: 271296

In article <Py51Pc1w165w@tosspot.sv.com>, lee@tosspot.sv.com (Lee Reynolds) writes:
> Would someone be kind and email the itinerant frequenices (all
> bands) and the color dot codes to me?
>
> Thanks in advance,
> le - lee@tosspot.sv.com

You want the August MT!

Blue 154.570
Green 154.600
Red 151.625
Brown 464.500
Yellow 464.550
White 462.575
Black 462.625
Orange 462.675

6843. Re: Itinerant and dot?

Newsgroup: rec.radio.scanner
Date: 1994-07-26 03:55:30 UTC
From: DPalmer@ix.netcom.com
Message-ID: <3121fi$nis@ixnews1.ix.netcom.com>
Source record: 271294

In <Py51Pc1w165w@tosspot.sv.com> lee@tosspot.sv.com (Lee Reynolds) writes:

>
>
>Would someone be kind and email the itinerant frequenices (all
>bands) and the color dot codes to me?
>
> Thanks in advance,
> le - lee@tosspot.sv.com
>

ITINERANT FREQUECIES
Itinerant Frequencies are used for operations which may take place
anywhere in a given state or even anywhere in the country. Portable
radios, pre-programmed or crystallized with itinerant frequencies
are now widley avaialable. Often users will not license themselves.

33.14 154.570 464.500
35.04 154.600 464.550
43.04 158.400 469.500
151.505 451.800 469.525
151.625 456.800

DOT FREQUENCIES
==========
Some land mobile radio companies mark their radios with
dots or stars to indicate what frequency the radio is
tuned to. Below is a list of common designations.
Black Dot 462.6250
Blue Dot 154.5700
Blue Star 467.9250
Brown Dot 464.5000
Gold Star 467.8750
Green Dot 154.6000
J Dot 467.7625
K Dot 467.8125
Orange Dot 462.6750
Purple Dot 151.9950
Red Dot 151.6250
Red Star 467.9000
Silver Star 467.8500
White Dot 462.5750
Yellow Dot 464.5500

David

6844. Re: SUPER SCANNER FOR SA

Newsgroup: rec.radio.scanner
Date: 1994-07-26 04:46:24 UTC
From: ligosa@pipeline.com
Message-ID: <3124f0$ptd@pipe1.pipeline.com>
Source record: 271293

No, Thanks aanyway though,
I need the money so I can Buy a new AR8000

Derle.Paxton@f31.n147.z1.centar.nova.com (Derle Paxton) wrote:

>
>
>
>hi guy, umm, do you want to trade something for it? i
>got lots of computer stuff, cd drive,
>hard drive,memory, monitors...ect
>let me know!
>
>
>... Blue Wave - World Tour - 1994
>___ Blue Wave/QWK v2.12

6845. State by State Laws?

Newsgroup: rec.radio.scanner
Date: 1994-07-26 05:35:07 UTC
From: mikec@comtch.iea.com
Message-ID: <3127ab$kcu@krel.iea.com>
Source record: 271298

Is there is list, FAQ or other document which lists state by state,
the rules for mobile scanner operation? I plan on taking a trip
this fall and will be covering most of the western and southern
states. Hopefully, complying with the laws..

Also, use of radar detectors, listed by state would be a plus!

Thanks..

--
- - - - - - - - - - - - mikec@comtch.iea.com - - - - - - - - - - - - - - -

Michael B. Candy Amateur Radio Call: KI7FX
P.O. Box 1953 KI7FX@KA7FVV.#EWA.WA.USA.NA
Airway Hts, WA. 99001-1953 American Digital Radio Society

6846. WANTED Pro-2024 & Pro-33 Mods....

Newsgroup: rec.radio.scanner
Date: 1994-07-26 05:54:31 UTC
From: cschmidt@diralect.me.pvamu.edu
Message-ID: <3128en$r5d@news.tamu.edu>
Source record: 271297

Anyone know of any Mods for the PRo-2024 or Pro-33 scanners.?

Any at all will be apreciatted.

chris

email cschmidt@diralect.pvamu.edu

6847. Re: Service Manual PRO 2022

Newsgroup: rec.radio.scanner
Date: 1994-07-26 05:56:28 UTC
From: tharrell@nmsu.edu
Message-ID: <3128ic$dv1@dns1.NMSU.Edu>
Source record: 271299

Glenn Butterfield (glenn.butterfield@chowda.com) wrote:
: I was wondering where you got the Service manual for the Relastic
: PRO-2022. I have been wanting to obtain one since I just bought one
: used a little over a month ago.

Just walk into your nearest Rat Shack store and tell them that you'd like
to special order the service manual for the PRO-2022. Even though my '38
has been discontinued for a while, I was able to order a service manual for it.
It takes about a week to come in but it covers just about everything you'd
even care to know about the guts of the scanner.

T.J.
--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Finger weasel@acca.nmsu.edu for PGP public key |
\--/

6848. Re: FCC vs. Kenwood

Newsgroup: rec.radio.scanner
Date: 1994-07-26 06:07:16 UTC
From: tharrell@nmsu.edu
Message-ID: <31296k$e66@dns1.NMSU.Edu>
Source record: 271324

Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: >
: > 4. On April 19, 1993, the Commission adopted the Report and Order in
: > this proceeding, implementing the requirements of the TDDRA. The rules
: > became effective on April 26, 1993, and the manufacture and importation of
: > scanning receivers that do not comply with the new rules will be prohibited
: > as of April 26, 1994. The rules define scanners that can be readily altered
: > by the user as:
: >
: > ... those for which the ability to receive transmissions in the cellular
: > telephone bands can be added by clipping the leads of, or installing, a
: > simple component such as a diode, resistor and/or jumper wire; replacing
: > a plug-in semiconductor chip; or programming a semiconductor chip using
: > special access codes or an external device, such as a personal
: > computer.
: >

: Wouldn't the modifiable PRO-43 be permissible under this rule?

Probably not - otherwise everybody would be desoldering diodes in their
2006s instead of clipping them. There's probably a 'including, but not
limited to' clause in that ... somewhere. Anyway, I doubt that Rat Shack
would hang their corporate ass on the line to test a technicality.

T.J.
--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\--/

6849. Re: Scanner Computer Interface

Newsgroup: rec.radio.scanner
Date: 1994-07-26 08:41:11 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.405.0008AFFB@ccm.hf.intel.com>
Source record: 271308

In article <UiAII=S00WB6Rjl5wY@andrew.cmu.edu> Ergin Guney <eg23+@andrew.cmu.edu> writes:
>Excerpts from netnews.rec.radio.scanner: 22-Jul-94 Scanner Computer
>Interface by Mike Smith@hubcap.clemso
>> About a year ago, someone came out with a kit that let you add a
>> computer interface to a PRO-2006. I'd like to purchase one, so if anyone
>> can tell me if they're still available and/or where one can be
>> purchased, I'd be very grateful.

>As far as I know, you don't need a kit to do that. At least, you don't
>need a special piece of hardware. All you need is a serial cable to
>connect the scanner to the computer, and the software. I've been coming
>across many ads in radio magazines for scanner control programs that
>have the PRO-2006 among the list of models that they support. There are
>also many shareware programs that do that. The serial, you can buy from
>any old computer supply store.

>But, as I said, this is "as far as I know"... :)

The 200x series of scanners DOES require some hardware since it doesn't come
with a way to hook the serial cable to it. The ads you see for 2006 sofware
are programs that will run on popular hardware kits like the Opto-456 or HB232
interface kits.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6850. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-26 09:26:57 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <312kt1$9ik@freenet3.scri.fsu.edu>
Source record: 271317

Richard Banks (richb@railnet.nshore.org) wrote:
: In article <3001@bridge2.nsd.3com.com>,
: Peter Simpson <peter_simpson@3com.com> wrote:
: I have a Pro-46 scanner that receives a complete image band of the cellular
: frequencies with no gaps. I know it is illegal to listen to the actual
: celluar band but am I breaking the law by listening to the image band?

The last I heard, they were in the process of (or had just passed) laws out-lawing reception of images, and receivers capable of receiving these images. Big business has the politicians in their pocket.
I guess they forgot about the old TV's that go up to CH.83. Next thing you know, they'll be going house to house confiscating these too.
Don't they realize by now that they are only making cellular monitoring more appealing, popular, and wide-spread with this witch-hunt? Have they forgotten 2 Live Crew already? I did the mod on my Pro-43 only after I started hearing about the controversy. That's human nature. Forbidden fruit! Found out there wasn't much interesting on there after all, besides the occasional drug deal. Sayyyy! Let's complain to the government about how the cellular industry is facilitating illegal TRANSMISSIONS and see how far we get.
Point is, the government is wasting their time and our money with these oppressive laws. Nazi Germany out-lawed radios under penalty of DEATH and that still didn't stop people from firing up that home-brew in the cookie-tin.

Stick me with a fork, I'm done.
chuck62@freenet.fsu.edu

6851. Re: pro-43 vs pro-34

Newsgroup: rec.radio.scanner
Date: 1994-07-26 10:34:47 UTC
From: dhughes@prairienet.org
Message-ID: <312os7$9b7@vixen.cso.uiuc.edu>
Source record: 271300

In a previous article, soren_ragsdale@path1a.med.upenn.edu (Soren Ragsdale) says:

>What is the difference between the Pro-43 and Pro-34 scanner? I called
>my local rat shack and they had a 43 listed for around $200 (but they
>were sold out) and they'd never heard of the 34.
>

The 34 has the same features as the 43, but is is older and larger. The
43 sells for $400, not $200. If you can get it for $200, grab it fast!
The 34 sold for $330, and was their best portable at the time (It is in my
1990 catalog). The RS employee you spoke with must be fairly new to the
company if he didn't know the 34.
---Dan
--

6852. Re: States in the USA that banned mobile scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-07-26 11:37:03 UTC
From: mulligan@ACM.ORG
Message-ID: <312sgv$h1d@hopper.acm.org>
Source record: 271301
Cross-posted to: alt.radio.scanner,rec.radio.scanner

kjn@netcom.com (Ken Navarre) wrote:
> nowhere is there any provision of any document that *permits* you
> to use a scanner.

Date="09/16/93"
Citation="58 FR 48459"

[PR Docket No. 91-36; FCC 93-410]

Federal Preemption of State and Local Laws Concerning Amateur
Operator Use of Transceivers Capable of Reception Beyond the
Amateur Service Frequency Allocations

AGENCY: Federal Communications Commission.

ACTION: Declaratory ruling.
..

SUMMARY: The Commission has adopted a declaratory ruling that
states that certain local and state laws are preempted by federal
law where such laws prohibit the mere possession of certain
amateur service transceivers that are capable of receiving frequencies
assigned by the Commission for, among other things, police use.
This action is necessary to prevent overly broad scanner laws
from frustrating the federal goals of facilitating and encouraging
amateur service activities. This action only protects the legitimate
operations of amateur licensees and does not apply to narrowly
tailored state and local laws that prohibit the use of such
radios for criminal purposes, such as the flight from law enforcement.

EFFECTIVE DATE: October 18, 1993.

6853. Any Ham Radio Newsgroups?

Newsgroup: rec.radio.scanner
Date: 1994-07-26 11:57:37 UTC
From: paidukas@rel.semi.harris.com
Message-ID: <1994Jul26.115737.19185@mlb.semi.harris.com>
Source record: 271309

Are there any Ham Radio Newsgroups of any kind avaliable on Usenet?

I beleive we have a full-feed, but I cannot find anything with any amateur-radio content. If someone knows of any groups we not not be getting on this subject, please send me the name of the group via e-mail.

Thanks,

---
paidukas@rel.semi.harris.com

6854. Comments on BC350A?

Newsgroup: rec.radio.scanner
Date: 1994-07-26 12:50:16 UTC
From: lee@tosspot.sv.com
Message-ID: <Hum3Pc1w165w@tosspot.sv.com>
Source record: 271302

Just wondering - anyonbe have comments (good or bad) to make on
the Uniden BC-350A?

Lee

6855. Re: pro-43 vs pro-34

Newsgroup: rec.radio.scanner
Date: 1994-07-26 13:13:30 UTC
From: Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <31325q$kmd@netnews.upenn.edu>
Source record: 271303
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <312os7$9b7@vixen.cso.uiuc.edu> Dan Hughes,
dhughes@prairienet.org writes:
>The 34 has the same features as the 43, but is is older and larger. The
>43 sells for $400, not $200. If you can get it for $200, grab it fast!
>The 34 sold for $330, and was their best portable at the time (It is in
my
>1990 catalog). The RS employee you spoke with must be fairly new to the
>company if he didn't know the 34.

I'm trying to decide between the Bearcat 200XLT and this RS pro-43. How
do they compare for modification to cellular? I know that the 200XLT
will scan with a mod, but not with 30Khz steps. Will the pro-43 do that?

6856. Re: Uniden 890 Mods...

Newsgroup: rec.radio.scanner
Date: 1994-07-26 13:16:46 UTC
From: rwm@Central.KeyWest.MPGN.COM
Message-ID: <rwm.775228510@Central.KeyWest.MPGN.COM>
Source record: 271141

domonkos@access.digex.net (Andy Domonkos) writes:

>I'm looking for a mod for the Uniden 890 scanner that will allow forcing
>the 250-400Mhz AM UHF airband into FM mode, if possible. I know
>this has been done for other scanners.

I am looking for any mods as well, particulary if there is a filter to stop the hum comming out the External Speaker port when the backlite is on. Also it seems very susceptable to noise, I could move my headphone wire to one particular place and it would cause the scanner to stop at one frequency.

Rob
--
Rob Miracle
Tantalus Inc.
rwm@central.keywest.mpgn.com
"You have a problem? I have a plan!" -- Anton Devious

6857. Modifying mutliband scanner antenna

Newsgroup: rec.radio.scanner
Date: 1994-07-26 13:36:52 UTC
From: domonkos@access.digex.net
Message-ID: <z$GDkiubGA7T066yn@access.digex.net>
Source record: 271304

I'm posting this as a result of all the e-mail requesting how to modify
the Radio Shack multiband vertical scanner antenna:

I used the formula 234/freq(in Mhz) for the element length. I compromised
and cut mine for the middle of the band (250-400Mhz> approx. 325Mhz). (Note
at VHF/UHF this formula loses accuracy but for scanner wide band use it works
out very well).

That gives me an element length of 8.6 inches for the 325Mhz center
frequency and 3 inches for 870Mhz (cellular). I went to the local h/w
dept store and bought 3/8 inch diam. aluminum tubing and a small strip of
sheet aluminum. I used self taping screws to attach the tubes to the strips
and then attached the strips to the original radio shack scanner antenna
the same way the existing vertical elements were attached. I noticed an
improvement in the military control tower and cellular traffic
after I added the elements (I am using Belden 9913 coax, about 40 feet,
to the scanner. This gives you the lowest loss at UHF).

The discone's advantage is it gives you a much broader bandwidth than the
multiband scanner antenna but I like the extra gain the multiband offers.

Good luck, you'll be pleased w/it as I am...

Andy

6858. Re: ICOM R1 INTERMOD PROBLEM

Newsgroup: rec.radio.scanner
Date: 1994-07-26 14:20:26 UTC
From: Jennifer Day-Elgee <elgeej@news.nbnet.nb.ca>
Message-ID: <31363a$bt7@darwin.nbnet.nb.ca>
Source record: 271306

ICOM R1 INTERMOD PROBLEM

I find that turning the squelch on full and using a small, 2-inch antenna designed for 440 MHz reception both limits the interfering signals and helps to some degree with the "stopping on nearby frequency" syndrome. Meanwhile, my reception is still very good on other bands even with such a small antenna, and there is the added convenience of an even more compact receiver!

73.....Jennifer Day-Elgee, VE9AO

6859. Re: RS-2036 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-26 14:53:07 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.411.000EE313@ccm.hf.intel.com>
Source record: 271151

In article <30tk10$5h@solaris.cc.vt.edu> plymale@mousetrap.es.vt.edu (Bill Plymale) writes:

>One of the local Radio Shacks just received a new scanner,
>model RS-2036. A look at the manual showed interesting
>features such as auto store capability of active frequencies
>during a range search. Anyone know if this model offers
>triple-conversion, or other desirable features?

>The RS-2036 appears similar to the Bearcat 890XLT scanner.

It is the 890 made by Uniden. double conversion. The only change I know of is that the RS model has less audio output than the Uniden. The tone board will also be available. I have heard Rf performance is not too hot (the tone board would solve some of this problem. It hing RS is charging $319 or something for it. For that money, you could do better.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6860. Far Point Relay BBS Frequency Report

Newsgroup: rec.radio.scanner
Date: 1994-07-26 14:58:34 UTC
From: guillory@blkbox.com
Message-ID: <3138aq$4cv@blkbox.blkbox.COM>
Source record: 271307

Does anyone in Texas have information on where to get an updated copy of
the Far Point BBS Frequency report?

Back in 1991 I logged on to this BBS and got this huge ASCII file with
all frequencies in Texas broken down by county.

Any ideas or is there something similar?

George Guillory, KC5HBT
guillory@blkbox.com
"To stand in silence when they should be protesting
makes cowards of men." Abraham Lincoln

6861. Re: Aux Speeker for BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-26 15:10:14 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.412.000F2C24@ccm.hf.intel.com>
Source record: 271152

In article <19940724.090230.367@VNET.IBM.COM> JPINTO@VNET.IBM.COM (JIM PINTO) writes:

>I have a Bearcat BC200XLT and would like to find out if anyone knows if an
>aux amplified portable speeker exists that will work with a handheld unit.
>I find the audio of the 200 to low when driving in a car or have it hanging
>on a belt clip under several layers of winter clothing. I tried an
>un-amplified remote lapel speeker from radio shack but found that I needed
>to crank the volumn near full to power the speeker. There is alwas the
>ear plug but I don't care for that option. Any advise would be appreciated.
>Thank you in advance.

RS sells an amplified speaker that will plug into the earphone jack. Or, if
you like to tinker, you can buy an audio amp IC and build your own amp and
hook it to a non-amplified speaker.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6862. PA State Police Frequencies Needed

Newsgroup: rec.radio.scanner
Date: 1994-07-26 15:17:12 UTC
From: jernandez@pbs.org
Message-ID: <jernandez-260794101712@jernandez.pbs.org>
Source record: 271143

Could someone please help me out with the frequencies for the Pennsylvania State Police in the north eastern counties of Monroe,Luzernne,Lackawanna,Pike and Northampton. Ant 10 Codes which could be passed on would be helpful also.

Thank You!
John

--
John J. Ernandez
Communication Systems Engineer
Public Broadcasting Service

"My Favorite Location On the Pennsy" MP-46.8 Plainsboro, NJ

E-Mail jernandez@pbs.org Member:PRR Technical & Historical Society
Phone: 703-739-5474 Southern Railway Historical Association
Amateur Radio: KA2YAP

6863. Re: All bands vs. Discone (was Re: Discone antenna)

Newsgroup: rec.radio.scanner
Date: 1994-07-26 15:21:22 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.413.000F5BA3@ccm.hf.intel.com>
Source record: 271153

In article <19940725.164518.877@vnet.ibm.com> pdennis@vnet.ibm.com (Phil Dennis) writes:

>This may be a stupid question, but that's what we're all here
>for anyhow.....

>I was considering an all band antenna to put in my attic. Problem
>is that I really have no way to "ground" it. The question is, do
>I really NEED a good grounding connection or what? Any help
>would be appreciated.

It will work just fine ungrounded.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6864. Trunk?

Newsgroup: rec.radio.scanner
Date: 1994-07-26 16:01:58 UTC
From: Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <313c1m$3s9@netnews.upenn.edu>
Source record: 271310

What exactly is a "trunk" as pertaining to radio? I know it in a sense
of an elephant's nose and a thing to pack for a long trip, but this radio
definition eludes me. Is it just tones for automating a radio network,
or can you make something of listening to "trunks" (whatever they are)?

6865. 2006-battery low

Newsgroup: rec.radio.scanner
Date: 1994-07-26 16:30:04 UTC
From: aa666@FreeNet.Carleton.CA
Message-ID: <CtK364.BCp@freenet.carleton.ca>
Source record: 271144

My Pro 2006 started beeping the battery low indicator - backup battery.
I replaced the 9 volt with a new one and get the same thing after it has
been running for a while. Any one have this experience? I guess I'll
have to have it serviced.

--

333

6866. Code Grabber

Newsgroup: rec.radio.scanner
Date: 1994-07-26 16:49:45 UTC
From: magnet@nRCHs022
Message-ID: <313era$hi1@corpgate.rich.nt.com>
Source record: 271311

Did anyone see the piece on GMA yesterday about the "Code Grabber"? It is a device that scans the freq.s used by auto alarm systems and door openers, records their coded emmissions and then can retransmit them.

One way to defeat this type of system would be to have your alarm system "passivley" arm and lock the car for you so the only time you xmit is when you are arriving and disarming.

--
brad.glidewell@nt.com
... Don't use a big word when a diminutive one will suffice.

6867. Re: pro-43 vs pro-34

Newsgroup: rec.radio.scanner
Date: 1994-07-26 17:04:28 UTC
From: horak@convex.com
Message-ID: <horak.775242268@convex.com>
Source record: 271313

In <312os7$9b7@vixen.cso.uiuc.edu> dhughes@prairienet.org (Dan Hughes) writes:

>In a previous article, soren_ragsdale@path1a.med.upenn.edu (Soren Ragsdale) says:

>>What is the difference between the Pro-43 and Pro-34 scanner? I called
>>my local rat shack and they had a 43 listed for around $200 (but they
>>were sold out) and they'd never heard of the 34.

>The 34 has the same features as the 43, but is is older and larger. The
>43 sells for $400, not $200. If you can get it for $200, grab it fast!
>The 34 sold for $330, and was their best portable at the time (It is in my
>1990 catalog). The RS employee you spoke with must be fairly new to the
>company if he didn't know the 34.

Well, the 34 does not have hyperscan or the 220 band and is larger than
the 43. Also, the 34 is not triple conversion. Lots of differences!
But, I agree with the statement that the 43 is a good deal at $200 if
you can really find it for that price. The 34 isn't worth more than
about $150 these days.

David

6868. Re: All bands vs. Discone

Newsgroup: rec.radio.scanner
Date: 1994-07-26 17:07:17 UTC
From: domonkos@access.digex.net
Message-ID: <$PIDkiubG23E066yn@access.digex.net>
Source record: 271315

In article <19940725.164518.877@vnet.ibm.com>, Phil Dennis wrote:
> This may be a stupid question, but that's what we're all here
> for anyhow.....
>
> I was considering an all band antenna to put in my attic. Problem
> is that I really have no way to "ground" it. The question is, do
> I really NEED a good grounding connection or what? Any help
> would be appreciated.
>

Phil,

No such thing as a stupid technical question. You won't need to ground the antenna at the installation location in your attic. I have all my amateur radio and scanner antennas mounted in the attic. I do use a static discharge coupler in line at the receivers just to disipate static build up, but that's optional. I use a Radio Shack mutliband vertical w/great results (my house is on a hilltop and the line of site is excellent). What a difference compared to the stock whip antenna!

Andy

6869. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-26 17:07:41 UTC
From: domonkos@access.digex.net
Message-ID: <ZbIDkiubGso5066yn@access.digex.net>
Source record: 271320

In article <CtIxw2.F9v@sgb.oau.org>, Steven Bradley wrote:

> The manufacturer / dealer is NOT subject to the Part 15 regulations
> when he sells such kits as he subsequently is NOT in control of
> what the box/board/parts/instructions are ultimately responsible.
>
> Such, IF the law applied to kits (which it does NOT), it would be
> as (un)enforcible as the ECPA regulations.
>
> BTW, I am enjoying a real nice night of cellular listening from
> sunny Florida this evening. I think that summarizes my feelings.
>
> : The devices that don't require FCC approval are those
> : that are *not* constructed from kits, are not marketed, and are built
> : in quantities of five or less for personal use (47 CFR 15.23).
>
> General agreement here...
>
> Steven

August Monitoring Times has a full page ad by Ramsey Electronics that features the scanner converter. It is legal for sale.

BTW, make sure all your lead connections are as short as possible. The converter will work better. I own a GRE scanner converter and use it with my Uniden Bearcat 210XLT and am very please w/it.

Andy

6870. CAN MOTOROLA PORTABLE BE USED AS A SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-07-26 17:22:52 UTC
From: dharm@pyuxe.cc.bellcore.com
Message-ID: <313gpc$aaj@athos.cc.bellcore.com>
Source record: 271312
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I have Motorola Microtac Ultralight cellular phone.
Can that be used as a scanner ?

Please post replies to this group.

Thanks.

6871. Re: pro-43 vs pro-34

Newsgroup: rec.radio.scanner
Date: 1994-07-26 17:40:46 UTC
From: tharrell@nmsu.edu
Message-ID: <313hqu$c3r@dns1.NMSU.Edu>
Source record: 271314
Cross-posted to: alt.radio.scanner,rec.radio.scanner

```
Soren Ragsdale (soren_ragsdale@path1a.med.upenn.edu) wrote:
: I'm trying to decide between the Bearcat 200XLT and this RS pro-43. How
: do they compare for modification to cellular? I know that the 200XLT
: will scan with a mod, but not with 30Khz steps. Will the pro-43 do that?

Yep.
--
/-------------------------------------------------------------\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\-------------------------------------------------------------/
```

6872. Re: pro-43 vs pro-34

Newsgroup: rec.radio.scanner
Date: 1994-07-26 17:56:24 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <CtK760.Fps@freenet.carleton.ca>
Source record: 271147

In a previous article, soren_ragsdale@path1a.med.upenn.edu (Soren Ragsdale) says:

>What is the difference between the Pro-43 and Pro-34 scanner? I called
>my local rat shack and they had a 43 listed for around $200 (but they
>were sold out) and they'd never heard of the 34.
>
The Pro-34 was shack's first 200 channel hand-held unit
It was followed by the Pro-36? 37? (same as Pro-34) with Hyper-Scan

The Pro-43 is a new style, slimmer case and it is shack's first hand-held
that has the Military UHF Air band (Great for military air show fans) I
usually mount my Pro-2005 in my car for air shows etc, because I haven't
bought the 43 yet. I believe this was in response to AOR and others that
were selling units with the Mil A/C coverage. RS scanners are the only
ones easily found up here in the Great White North (every mall has RS)
but AOR, Bearcat, Uniden etc... Are a bit harder to locate.

check 6,

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

6873. AOR8000 in Shortwave Magazine

Newsgroup: rec.radio.scanner
Date: 1994-07-26 18:10:34 UTC
From: ac184@FreeNet.Carleton.CA
Message-ID: <CtK7tM.GGp@freenet.carleton.ca>
Source record: 271148

A full page add (left page) near the front of the most recent
issue. This scanner looks incredible, and the display permits a
fantastic amount of data to be displayed (4 line alphanumeric). Pick
up an issue and check it out...now, if only we could get some actual
performance specs. Price listed as 449 pounds (oof), but if this thing
performs like it looks :^) I HAVE TO GET ONE!

Yours in drool,

Tim

--
It puts the lotion on its body or else it =|= Tim Murphy
gets the hose. =|= ac184@freenet.carleton.ca
--Bill Clinton relating funny =|= (613) 562-1664
college anecdote to Tom Harris =|= Finger me for PGP key...

6874. Re: Trunk?

Newsgroup: rec.radio.scanner
Date: 1994-07-26 18:14:55 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Jul26.181455.27610@news.csuohio.edu>
Source record: 271316

soren_ragsdale@path1a.med.upenn.edu (Soren Ragsdale) writes:
: What exactly is a "trunk" as pertaining to radio? I know it in a sense
: of an elephant's nose and a thing to pack for a long trip, but this radio
: definition eludes me. Is it just tones for automating a radio network,
: or can you make something of listening to "trunks" (whatever they are)?

Think of standing in line at a bank. Instead of one line of people
standing behind EACH teller, there is just ONE line, and the next
person in line gets the next teller. This distributes the work load
evenly between tellers, and makes most efficient use of their capability
(theoretically). That's a form of trunking. I really do not know
where the word "trunk" comes from in this context, except that
my dictionary defines it as a "direct line between telephone
switchboards". I suppose metaphorically you could picture a
"tree trunk" supporting many smaller "limbs and branches and leaves",
which is kinda what radio and telephone trunking does. OK, OK, I'm
reaching on this one. Anyway.

With telephones, when you dial long distance from New York to Miami,
there is not a direct line between your phone and the person in
Miami. Locally in New York, you are connected to one of many "trunk"
lines that go to Miami. In other words, when you call Miami from
New York, you are given the next available "trunk" line to Miami,
automatically. This by the way explains why calling into LA during
a earthquake is impossible - all long distance trunk lines are in
use with people calling to see how friends/relatives are doing.

Now in radio, the same holds true. Trunking in radio communications
simply assigns the radio to the next available frequency in the
pool of frequencies allocated to the agency using the radios. This
is done with cellular phones. Rather than have 1 frequency for each
individual car phone, there are bunches of frequencies shared by all,
and when you make your car phone call, you are given the next
available frequency in the pool, i.e., you have been trunked to the
next available frequency. Just like the bank. Increasingly, police
departments are using trunked systems where no single radio uses the
same frequency all the time, rather, they are shared. This makes
more efficient use of frequencies when a group (fleet) of radios
is being used. Needless to say, trunking is almost nightmarish to
follow with a scanner because you never know what frequency the
person you are listening to will be switched to next.

The switching of frequencies is done by a central computer over
one of the frequencies, called a data channel. This data channel
sounds growly on a scanner, but it tells all the radios (in a police

department, or a cell phone area) what freqency to shift to next.
When in an idle state, cell phones, police trunked radios, etc, all
revert to listening to the data channel. Kinda like standing in
line at the bank, waiting your turn until the teller "waves" you over
or yells "next in line".

This description leaves out considerable detail about how handoffs
and so forth are handled, but it gives you some idea.

Check out the good description of trunked radios in Police Call.
You can get it at Radio Shack for about 11 bucks. Worth it.

Hope it helps.

Mike
--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

6875. Re: Best Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-07-26 18:34:07 UTC
From: andycl168@aol.com
Message-ID: <313kuv$8ol@search01.news.aol.com>
Source record: 271319

In article <311sn6$d3c@netnews.upenn.edu>, Soren Ragsdale
<soren_ragsdale@path1a.med.upenn.edu> writes:

>Does anyone have some good scanner stories, like the time that you found
out that your neighbors were working for the Mob or your neighborhood had
a raving psychopath going through it and the police didn't want anyone to
know and panic?

The EPCA requires that you keep whatever you to yourself. Period.
Andy Clark

6876. Yupi MVT7100

Newsgroup: rec.radio.scanner
Date: 1994-07-26 18:35:12 UTC
From: wolf@lanl.gov
Message-ID: <313l10$ebb@newshost.lanl.gov>
Source record: 271173

hi gang,

i am looking for a new or used no-holes yupi. if you have one that you'd
like to let loose, please email me.

thanks, david

ps - i have the address of Lorenz.

--
==
David R. Wolf wolf@lanl.gov LANL, MS P940, 87545 1+505-667-3813
==

6877. Cordless Phone

Newsgroup: rec.radio.scanner
Date: 1994-07-26 18:42:28 UTC
From: randymira@delphi.com
Message-ID: <9407261441591.DLITE.randymira@delphi.com>
Source record: 271318

Does anyone have the frequencies for the new cordless phones in the 900 Mhz range. Are they only using the 900 and 46 freq's or am I missing some. Any help would be appreciated.

Randy
Randymira@Delphi.com

6878. Re: Code Grabber

Newsgroup: rec.radio.scanner
Date: 1994-07-26 18:49:49 UTC
From: schuh@zeno
Message-ID: <313lsd$7m1@balsam.unca.edu>
Source record: 271323

Brad Glidewell (magnet@nRCHs022) once wrote:
: Did anyone see the piece on GMA yesterday about the "Code Grabber"? It is a
: device that scans the freq.s used by auto alarm systems and door openers,
: records their coded emmissions and then can retransmit them.

I did. Pretty nifty device. (From an engineering standpoint...)
I keep thinking of the great fun I'd have using it on my brother
(Who sets the alarm even when his car is in the garage... we live in
an area that I consider to be relatively out of the way to burglers....
no thefts in the past 20 years I've lived here.) (Knock on wood...)

: One way to defeat this type of system would be to have your alarm system
: "passivley" arm and lock the car for you so the only time you xmit
: is when you are arriving and disarming.

I was thinking that a narrow width (less than 5% beam spread) IR beam
that you would have to point directly at the vehicle would do the trick.
But, I like your idea better.

Isn't it funny that they made a point of the item being so new that
many potential burglers don't know about it... and they hope to be able
to squelch the product before it becomes in mainstream use by burglers?
Here's the irony: This was broadcast on national television.... go figure!
Plus, they even listed the magazines in which you can find advertisements
for the device. And then proceeded to do a pretty lame '60-minutes' type
of interview, trying to catch the manufacturer in a catch-22 situation by
setting him up.

Disgusted with journalism,
Paul

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

6879. Antenna question

Newsgroup: rec.radio.scanner
Date: 1994-07-26 19:01:25 UTC
From: saund891@raven.csrv.uidaho.edu
Message-ID: <313mi5$6s0@owl.csrv.uidaho.edu>
Source record: 271322

I've got a magnetic mount cb antenna. Would this work well on a pro-39
handheld scanner? Are there any problems or comments on doing this?
Thanks.

--
****
* Michael Saunders *
* Mechanical Engineering Dept *
* University of Idaho *
* saund891@uidaho.edu *
* Phone: (work) 208-885-7339 *
* (home) 208-883-1419 *
****

6880. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-26 19:27:44 UTC
From: dbushong@wang.com
Message-ID: <CtKBEC.8Gp@wang.com>
Source record: 271125

chuck62@freenet3.scri.fsu.edu (Charles Richards) writes:

>Richard Banks (richb@railnet.nshore.org) wrote:
>: In article <3001@bridge2.nsd.3com.com>,
>: Peter Simpson <peter_simpson@3com.com> wrote:
>: I have a Pro-46 scanner that receives a complete image band of the cellular
>: frequencies with no gaps. I know it is illegal to listen to the actual
>: celluar band but am I breaking the law by listening to the image band?
>
> The last I heard, they were in the process of (or had just passed) laws
>out-lawing reception of images, and receivers capable of receiving these
>images. Big business has the politicians in their pocket.

Whenever a statement starts with "The last I heard, they..." I
question it. I'm not saying that Mr. Banks is full of crap or
paranoid, but since the ECPA says

(4) "intercept" means the aural or other acquisition of the contents of
any wire, electronic, or oral communication through the use of any
electronic, mechanical, or other device.

There would seem to be no reason to outlaw image reception since the
wording is sweeping, i.e., "through the use of any... device".

It's amusing to me. You elect these people and then gripe about what
they do to you. You deserve what you settle for.

Dave
--
Dave Bushong, Wang Imaging

6881. Re: Itinerant and dot?

Newsgroup: rec.radio.scanner
Date: 1994-07-26 19:48:49 UTC
From: tharrell@nmsu.edu
Message-ID: <313pb1$mr@dns1.NMSU.Edu>
Source record: 271126

David Palmer (DPalmer@ix.netcom.com) wrote:
: ITINERANT FREQUECIES
: Itinerant Frequencies are used for operations which may take place
: anywhere in a given state or even anywhere in the country. Portable
: radios, pre-programmed or crystallized with itinerant frequencies
: are now widley avaialable. Often users will not license themselves.

: 33.14 154.570 464.500
: 35.04 154.600 464.550
: 43.04 158.400 469.500
: 151.505 451.800 469.525
: 151.625 456.800

Not exactly. 33.14, 157.570, 157.600, and 469.525 are not itinerant frequencies...the first three are business-band low-power frequencies.

The difference is subtle but distinct. Itinerant frequencies can indeed be used anywhere at any time by the licensee; however, they are not limited to 2 watts. They can run full-blown bases, repeaters, and mobiles (with restrictions on base antenna heights). Low-power business frequencies, however, are limited to 2 watts. Users are also licensed for a limited area and have restrictions on antenna placement.

In addition to the "dot" frequencies, all frequencies in the 450-470 MHz band ending in .xx25 and .xx75 (the "split" frequencies) are low-power (2 watts) and licensed to the user of the next full-power frequency.

Here is the list that I have (compiled from sources both on and off the net):

Itinerant Frequencies
Business Special Industrial
27.490 43.040
35.040 151.505
151.625 158.400
464.500/469.500 451.800/456.800
464.550/469.550

Low-Power Frequencies (Business band)(2 watts)
VHF UHF
27.510 457.525
27.530 457.550
30.840 457.575
33.120 * 457.550

33.140 457.575
33.400 457.600
35.020 467.750
42.980 467.775
154.570 467.800
154.600 467.825
467.850
* 1/2 watt 467.875
467.900
467.925

Dot/Star Frequencies

151.625 Red Dot
151.995 Purple Dot
154.570 Blue Dot (lp)
154.600 Green Dot (lp)
462.575 White Dot
462.625 Black Dot
462.675 Orange Dot
464.500 Brown Dot (itinerant)
464.550 Yellow Dot (itinerant)
467.7625 J Dot
467.8125 K Dot
467.850 Silver Star
467.875 Gold Star
467.900 Red Star
467.925 Blue Star
--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\--/

6882. Re: software

Newsgroup: rec.radio.scanner
Date: 1994-07-26 19:48:54 UTC
From: lasix@netcom.com
Message-ID: <lasixCtKCDJ.7tx@netcom.com>
Source record: 271136

Mike Carpenter (mcarp@bbs.xnet.com) wrote:
: Please forgive me...this is probably the wrong place to ask this, but it was
: the only place I could think of.

: I was recently tied to a Motorola alpha/numeric pager. Does anyone know of any
: shareware for unix to send alpha messages to the pager? If not, how about a
: suggestion of what site I might look at.

: Thanks for any help

: Mike
: mcarp@rims.com

Hi Mike:
We use cu(1) inside of a script and it seems to work fine. It's
a little complex setting up the entries in /usr/lib/UUCP... but
you might give it a shot???
--

Patrick Springer
Sysop LASIX BBS
(818)892-5477
4804 Laurel Canyon Blvd. #132
Valley Village, CA. 91607
lasix@netcom.com

6883. Re: Itinerant and dot?

Newsgroup: rec.radio.scanner
Date: 1994-07-26 19:52:58 UTC
From: tharrell@nmsu.edu
Message-ID: <313piq$p9@dns1.NMSU.Edu>
Source record: 271127

```
Thomas J. Harrell (tharrell@nmsu.edu) wrote:
: In addition to the "dot" frequencies, all frequencies in the 450-470 MHz
: band ending in .xx25 and .xx75 (the "split" frequencies) are low-power
Whoops...I lied. Not all dot frequencies are low power.
--
/-----------------------------------------------------------------\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\-----------------------------------------------------------------/
```

6884. TV on 900Mhz -- FAQ?

Newsgroup: rec.radio.scanner
Date: 1994-07-26 20:07:04 UTC
From: stevem@zimmer.CSUFresno.EDU
Message-ID: <CtKD7t.22o@zimmer.CSUFresno.EDU>
Source record: 271128

Hi. I'm a ham who doesn't scan much.. My friend just got a scanner
and has been hearing TV audio up around 900Mhz. It doesn't make any
sense to me. Can somebody explain what he's hearing and how?

Also, is there a FAQ for this group?

email please. Thanks.

--steve
--
Steve Mitchell KD6BET TIP#168 steve_mitchell@csufresno.edu
"Everything in this message may be wrong." / "Make love, not Perl code."

6885. Re: Shuttle Frequencies

Newsgroup: rec.radio.scanner
Date: 1994-07-26 20:12:19 UTC
From: laborde@kilroy.jpl.nasa.gov
Message-ID: <laborde-260794131409@kd6msm.jpl.nasa.gov>
Source record: 271137

In article <brett_miller.400.00094CA7@ccm.hf.intel.com>,
brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) wrote:

> SHUTTLE-TO-GROUND
> 2205.0 2217.5
> 2250.0 2287.5
>
> GROUND-TO-SHUTTLE
> 2041.9 2201.4

You might add, Brett, that the Shuttle _UPLINKS_ to TDRSS, which then _SIDELINKS_ to the TDRSS above White Sands, New Mexico, which then _DOWNLINKS_ it to White Sands TDRSS Ground Terminal. The following is an article posted to amsat_bb about the path HST images take, but Shuttle audio is digitized and follows a similar, tortuous path.

From: SCHULTZ@CDDIS.GSFC.NASA.GOV (In space, no one can hear you snore)
Subject: Hubble Space Telescope Image Reception

"I have answered this question in private for several persons who have asked
about it in the past, maybe it is worthwhile to post it for general distribution.

Several amateurs have asked about the possibility of receiving and displaying
data from the Hubble Space Telescope, reasoning that if you can receive and

display pictures from weather satellites using simple equipment, it must be

possible to do the same for HST. I wish I could say that this was easy to do,
but the fact is that while the weather satellites were designed to be easily
received with simple equipment, HST was not.

Science data from HST is usually stored on a tape recorder on board the spacecraft and dumped to the ground at sporadic intervals at the convenience
of flight controllers and the Tracking and Data Relay Satellite network (TDRSS). There is a real-time capability, which is rarely used except to support interactive target acquisitions. Data dumps from the tape recorder are at 1024 kilobits per second, using the high-gain antennas on either side
of HST, which are aimed upward toward the TDRSS satellite in geosynchronous

orbit. The data is received by TDRSS using the S-band single access (SSA) antenna at a frequency somewhere around 2255 Mhz. Since quite a few Earth orbiting satellites use TDRSS, the scheduling of the SSA antenna for data dumps can get complicated, especially when a Space Shuttle is also in orbit.
>From the TDRSS satellite in geosynchronous orbit the science and engineering data is sent to the ground station at White Sands, New Mexico by a KU band space-to-ground link operating somewhere between 10 to 15 Ghz. Data from White Sands then is sent to Maryland through a commercial satellite on which
NASA leases transponder service.

Now for the hard part.... The signals from HST (and all the other satellites
that use TDRSS) are convolved with a pseudo-random binary code unique to each
spacecraft, which is done for several reasons: 1. It disperses the signal over a wider bandwidth to prevent interference to or from terrestrial microwave systems on the same frequency. 2. It allows the ground system to do precise ranging to each satellite to derive tracking information and orbital elements. 3. It allows the ground system to sort out the signals from the many satellites that use TDRSS through Code Division Multiple Access,
and 4. It encripts the signal to discourage evesdropping. There is a more complete discription of the TDRSS coding scheme in the final chapter of the

book "Spread Spectrum Systems" by R. C. Dixon. The PN codes for non-classified
satellites are available in an obscure NASA document, but you would still need
to build a lot of specialized equipment to recover a useful signal. Since the
antenna onboard HST is aimed upward toward the TDRSS satellite, it would not
be possible to intercept this link from the ground. If you live close to White Sands, New Mexico, you might be able to intercept the KU band space-to-
ground link from the TDRSS satellites, but I would hate to think about the complexity of the equipment that you would need to recover HST data from the
megabytes of data that flow on this link. If you did succeed in recovering data, you would then have to decode the Reed-Solomon error correcting code and a second level of PN coding whose purpose I never did understand. Then each of the four science instruments has its own data formats, for the Wide Field and Planetary Camera it is relatively simple, 3200 data packets per image, 800 packets for each of four CCD chips, with each packet containing 800 pixels in a single line of the 800 x 800 pixel image for each chip, with
12 data bits per pixel for 4096 discrete levels of gray. You would then have
to apply flat field and bias corrections to correct each pixel for different

photometric response and remove cosmic ray hits which pockmark the raw images.

If you can figure out which commercial satellite NASA uses to relay the data
from New Mexico to Maryland, you might be able to receive the downlink from

there if you live close to the footprint. I have no idea which satellite is

used, anymore than I know how my long distance telephone calls are routed, we just put the data into one end of the pipeline at White Sands, and it comes out the other end at Greenbelt. I don't know if those signals are encripted or what format they use, and if you figure out which satellite and
transponder is used, there is no guarantee that it won't change a week after
you find it. It would probably be a real mess to sort out the NASCOM data blocks from all the other commercial traffic on the satellite.

I work at the Hubble Control Center at Goddard Space Flight Center, and I don't even get to see the images anymore, since the astronomers folded up their tents and moved to the Space Telescope Science Institute in Baltimore

several months after launch. The astronomers like to keep the data "proprietary" for a year or more, since they are all sure that there is a Nobel prize buried somewhere in the data. This probably explains why the general public thinks that HST is a complete failure, since they rarely see

any of the images that it produces. There is an FTP site at the science institute which allows you to download some of the public release photos, if you have internet FTP access.

Dan Schultz, N8FGV
Space Telescope Operations Control Center, Greenbelt Maryland

schultz@cddis.gsfc.nasa.gov
n8fgv@amsat.org"

Replace 'HST images' with 'STS audio/video' and you get the picture.

--
Gregory R. LaBorde Phone: (818) 393-1107
Member Technical Staff - Galileo OET Internet:laborde@kilroy.jpl.nasa.gov
Jet Propulsion Laboratory Amateur Call: KD6MSM
California Institute of Technology Packet: kd6msm@w6vio.#soca.ca.usa.na
4800 Oak Grove Drive
Pasadena, California 91109-8099

6886. NASCAR Freqs for Brickyard

Newsgroup: rec.radio.scanner
Date: 1994-07-26 20:12:33 UTC
From: blangos@wtc34a.DaytonOH.NCR.COM
Message-ID: <1117@wtc34a.DaytonOH.NCR.COM>
Source record: 271150

Anyone got the freqs for the Brickyard race? Would appreciate posting the major point leaders freqs.

Thanks

--
Bruce Langos

Bruce.Langos@wtc34a.DaytonOH.NCR.COM
...!uunet!ncrhub!dayhub!wtc34a!blangos

6887. Re: Best Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-07-26 20:20:41 UTC
From: domonkos@access.digex.net
Message-ID: <PQMDkiubGAHP066yn@access.digex.net>
Source record: 271129

In article <313kuv$8ol@search01.news.aol.com>, AndyCl168 wrote:
> In article <311sn6$d3c@netnews.upenn.edu>, Soren Ragsdale
> <soren_ragsdale@path1a.med.upenn.edu> writes:
>
> >Does anyone have some good scanner stories, like the time that you found
> out that your neighbors were working for the Mob or your neighborhood had
> a raving psychopath going through it and the police didn't want anyone to
> know and panic?
>
> The EPCA requires that you keep whatever you to yourself. Period.
^^

> Andy Clark

...kill joy...

Nevertheless, I won't say in case one of my adulterer/drug addict/porn freak neighbors is on the Internet....

Andy

6888. Re: Wanted : Pt Mugu (CA) freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-26 20:21:16 UTC
From: rich@hertz.std.teradyne.com
Message-ID: <313r7s$n4i@hertz.std.teradyne.com>
Source record: 271140

In article <310t70$30k@silver.aimla.com>,
Franck Durieux <franck@mailhost.aimla.com> wrote:
>
>I'm planning to go to Pt Mugu (North of L.A.) during this week and I would
>like to have the frequencies for this base.
>

Franck,

Try the following: 149.4, 150.48, 140.25, 148.35, 149.0, 149.1, 150.1,
140.025, 140.525, 140.3. These are from the Southern California Police
Call.

Have fun!

Marc

6889. Re: Best Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-07-26 20:34:31 UTC
From: Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <313s0n$nr5@netnews.upenn.edu>
Source record: 271130

In article <PQMDkiubGAHP066yn@access.digex.net> Andy Domonkos,
domonkos@access.digex.net writes:
>Nevertheless, I won't say in case one of my adulterer/drug addict/porn
freak
>neighbors is on the Internet....

This is a rather safe bet. Ever read alt.sex? :)

Actually, I wasn't looking for as much incriminating evidence as just
good stories. Changing the names to protect the innocent ought to be OK,
right?

6890. Opinions on TR-2400 Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-07-26 20:36:13 UTC
From: Michael_Mattock@rand.org
Message-ID: <313s3t$oks@rand.org>
Source record: 271131

Has anyone out there had experience with the U.S. version of this scanner? Does it include "the forbidden bands"? Does anyone know the story behind the NAL against ACE with respect to this scanner?

Michael

6891. Re: Best Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-07-26 20:42:59 UTC
From: schuh@zeno
Message-ID: <313sgj$b8b@balsam.unca.edu>
Source record: 271132

In article <313kuv$8ol@search01.news.aol.com>, AndyCl168 wrote:
> In article <311sn6$d3c@netnews.upenn.edu>, Soren Ragsdale
> <soren_ragsdale@path1a.med.upenn.edu> writes:
>
> >Does anyone have some good scanner stories, like the time that you found
> out that your neighbors were working for the Mob or your neighborhood had
> a raving psychopath going through it and the police didn't want anyone to
> know and panic?
>
> The EPCA requires that you keep whatever you to yourself. Period.
^^

Good point. However, that should stop people from telling STORIES. After
all, the stories will all be fictional... right?

--
Paul Schuh UNCA Society of Physics Students
pmschuh@unca.edu UNCA Robotics Club

6892. PRO-51???

Newsgroup: rec.radio.scanner
Date: 1994-07-26 20:43:48 UTC
From: Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <313si4$nr5@netnews.upenn.edu>
Source record: 271133

My local rat shack salesman tells me that he's selling a PRO-51 scanner. 200 channel with 800Mhz coverage. (Of course, the cellular frequencies are locked out.) He says that this one is easily modifiable like the others. (Kind of an open salesman, eh?) These scanners are going to be on sale for $200 at the beginning of next month (discounted from $300), and I thought I'd take the opportunity to buy one.

Does anyone know whether this new model is easily modifiable (like the old ones), or how I could tell (looking at the product code to see if it has an "A" in the beginning)?

Also, what's rat shack's return policy? If I buy it and I find out that it's nonmodifiable, I'd like to be able to correct my error.

Thanks to everyone in the group for the plethora of information that I've already gotten.

6893. Re: PRO-51???

Newsgroup: rec.radio.scanner
Date: 1994-07-26 20:46:42 UTC
From: Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <313sni$om6@netnews.upenn.edu>
Source record: 271134

In article <313si4$nr5@netnews.upenn.edu> Soren Ragsdale,
soren_ragsdale@path1a.med.upenn.edu writes:
>My local rat shack salesman tells me that he's selling a PRO-51 scanner.
>200 channel with 800Mhz coverage.

Any additional reviews, information, etc., especially concerning 30Khz
steps in the 800Mhz range would be appreciated.

6894. Re: PRO-51???

Newsgroup: rec.radio.scanner
Date: 1994-07-26 21:10:57 UTC
From: magnet@nRCHs022
Message-ID: <313u51$5e@corpgate.rich.nt.com>
Source record: 271135

Soren Ragsdale (soren_ragsdale@path1a.med.upenn.edu) wrote:
|My local rat shack salesman tells me that he's selling a PRO-51 scanner.
|200 channel with 800Mhz coverage. (Of course, the cellular frequencies
|are locked out.) He says that this one is easily modifiable like the
|others. (Kind of an open salesman, eh?) These scanners are going to be
|on sale for $200 at the beginning of next month (discounted from $300),
|and I thought I'd take the opportunity to buy one.

|Does anyone know whether this new model is easily modifiable (like the
|old ones), or how I could tell (looking at the product code to see if it
|has an "A" in the beginning)?

|Also, what's rat shack's return policy? If I buy it and I find out that
|it's nonmodifiable, I'd like to be able to correct my error.

|Thanks to everyone in the group for the plethora of information that I've
|already gotten.

I believe this scanner will operate on cel freq.s using the test mode
and direct search as described earlier today in this group.

--
brad.glidewell@nt.com
2nd Amendment:
A well-regulated militia being necessary to the security of a free
state, the right of the people to keep and bear arms shall not be
infringed.

6895. Pro-2032 Mod needed

Newsgroup: rec.radio.scanner
Date: 1994-07-26 21:57:45 UTC
From: gcortevi@nyx10.cs.du.edu
Message-ID: <3140sp$1j6@nyx10.cs.du.edu>
Source record: 271138

Can somebody post or send me the Pro-2032 modifications? Or direct me to
an FTP site. Thanks.

--
Greg Corteville | "We are the knights who say Nee!"
gcortevi@nyx10.cs.du.edu | - Monty Python's QFTHG
gcortevi@trident.lbs.msu.edu |
---[PGP Key available via finger]-----------------------------------

6896. Re: Aux Speeker for BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-26 22:01:01 UTC
From: squiremps@aol.com
Message-ID: <31412t$c21@search01.news.aol.com>
Source record: 271139

In article <19940724.090230.367@VNET.IBM.COM>, JPINTO@VNET.IBM.COM (JIM PINTO) writes:

>I have a Bearcat BC200XLT and would like to find out if anyone knows if
>an
>aux amplified portable speeker exists that will work with a handheld
>unit.

Assuming that the BC200XLT has a standard earphone jack (you can always get an adapter if it doesn't), I'd suggest going to a computer store and buying a pair of amplified speakers designed for connecting to a computer. These connect to the headphone jacks of several different types of equipment, including CD players, walkmans, computers, etc., and provide good sound.

Here's some stuff to look for:
Make sure the speakers take batteries. This means that they are amplified. They will probably also have a separate volume control.
You might want to look for a pair of speakers that connect into each other so that you can disconnect one of the speakers if you don't want to lug two of them around with you. (If you do want 2-speaker sound, you may need to purchase an adapter to convert mono-to-stereo if your scanner doesn't already do this.)
You can get some decent speakers for around $20-$30.

--Mike

6897. Frequency Databases online on the Internet?

Newsgroup: rec.radio.scanner
Date: 1994-07-26 22:04:48 UTC
From: obieone@eskimo.com
Message-ID: <CtKIo6.CoI@eskimo.com>
Source record: 271146

databases that you can reach from the internet. I saw a nice one on a BBS (US Scanner News BBS, [20~1206-695-0678). It had a listing of all the registered frequencies in each state (mostly just West Coast states online). I heard once that their was a HAM callbook online, but how do I reach it? Thanks...

6898. NYC info

Newsgroup: rec.radio.scanner
Date: 1994-07-26 22:30:11 UTC
From: goetz@dorsai.org
Message-ID: <CtKJuB.BI1@dorsai.org>
Source record: 271142

Other than 162.55 mhz for the weather, are the any news or other type of info or "shows" on the air the a scanner can pick up?

Thanks,
Lawrence Goetz

6899. Re: Best Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-07-27 00:41:42 UTC
From: copeland@metronet.com
Message-ID: <CtKpxJ.Awo@metronet.com>
Source record: 271149

In article <313s0n$nr5@netnews.upenn.edu>,
Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu> wrote:
>In article <PQMDkiubGAHP066yn@access.digex.net> Andy Domonkos,
>domonkos@access.digex.net writes:
>>Nevertheless, I won't say in case one of my adulterer/drug addict/porn
>freak
>>neighbors is on the Internet....
>
>This is a rather safe bet. Ever read alt.sex? :)
>
>Actually, I wasn't looking for as much incriminating evidence as just
>good stories. Changing the names to protect the innocent ought to be OK,
>right?

Legally, I think you are right.
--

| copeland@metronet.com |

6900. Re: TV on 900Mhz -- FAQ?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 01:24:12 UTC
From: tharrell@nmsu.edu
Message-ID: <314cvs$4le@dns1.NMSU.Edu>
Source record: 271154

Steve Mitchell (stevem@zimmer.CSUFresno.EDU) wrote:

: Hi. I'm a ham who doesn't scan much.. My friend just got a scanner
: and has been hearing TV audio up around 900Mhz. It doesn't make any
: sense to me. Can somebody explain what he's hearing and how?

It's probably one of those short-range cable extenders that a neighbor
of his has because he didn't feel like runnning cable to another TV...they
rebroadcast in the 900MHz range.

: Also, is there a FAQ for this group?

You can ftp it from rtfm.mit.edu. They have a bunch of FAQs for a lot of
other newsgroups there too.
--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff on www: http://rever.nmsu.edu/~weasel |
\--/

6901. Rat Shack Freq Counter to find Tx Freq?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 01:28:11 UTC
From: tnuedeck@comp.uark.edu
Message-ID: <314d7b$han@hermes.sibylline.com>
Source record: 271225

I heard it mentioned somewhere that a freq counter (about $99) from radio shack could be used to aquire freq from people transmitting close to you. How is this done and is the freq counter all that is needed? What kind of limits (1 Hz to 1G Hz ?) and range does it have. Could I follow a cop and tell what freq they are Txing on? or maybe park at the station and get all the freq?

6902. Re: PRO-51???

Newsgroup: rec.radio.scanner
Date: 1994-07-27 02:23:31 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jul26.212331.2692@hnrc.tufts.edu>
Source record: 271156

In article <313si4$nr5@netnews.upenn.edu>, Soren Ragsdale
<soren_ragsdale@path1a.med.upenn.edu> writes:
>
> Does anyone know whether this new model is easily modifiable (like the
> old ones), or how I could tell (looking at the product code to see if it
> has an "A" in the beginning)?

Easier. It's a software mod.

>
> Also, what's rat shack's return policy? If I buy it and I find out that
> it's nonmodifiable, I'd like to be able to correct my error.
>

30 days, no questions. Since it's a software mod and you won't even be opening
the case, there should be no problem returning it.

> Thanks to everyone in the group for the plethora of information that I've
> already gotten.

6903. Handheld Scanner Recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 02:42:02 UTC
From: jim@ttech.com
Message-ID: <jim-260794184202@jimsmac.ttech.com>
Source record: 271162

I have recently purchased a new ICOM R-1 and am very displeased with the intermod, front end overload, and general bad performance. I am going to return it this weekend and obtain a refund. I have a Radio Shack PRO 2006 base scanner that I am very please with. Would you have any recommendations regarding a good handheld scanner? Cellular coverage is of interest, but not mandatory. I am considering the following scanners:

1. Radio Shack top of the line (I think the model number is PRO 43)

2. AOR 1500

3. Trident (I do not know the model numbers)

4. Bearcat (I think the model number is 2500, it is the replacement for the 200xlt)

5. Yupitero MVT7100

Please give me your recommendations and opinions on these and any other scanners that are worthy of consideration.

thanks,

-Jim

6904. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-27 02:49:29 UTC
From: domonkos@access.digex.net
Message-ID: <jMSDkiubGwj2066yn@access.digex.net>
Source record: 271157

In article <312kt1$9ik@freenet3.scri.fsu.edu>, Charles Richards wrote:
>
> The last I heard, they were in the process of (or had just passed) laws
> out-lawing reception of images, and receivers capable of receiving these
> images. Big business has the politicians in their pocket.
> I guess they forgot about the old TV's that go up to CH.83. Next thing
> you know, they'll be going house to house confiscating these too.
> Don't they realize by now that they are only making cellular monitoring
> more appealing, popular, and wide-spread with this witch-hunt? Have they
> forgotten 2 Live Crew already? I did the mod on my Pro-43 only after I
> started hearing about the controversy. That's human nature. Forbidden
> fruit! Found out there wasn't much interesting on there after all,
> besides the occasional drug deal. Sayyyy! Let's complain to the
> government about how the cellular industry is facilitating illegal
> TRANSMISSIONS and see how far we get.
> Point is, the government is wasting their time and our money with these
> oppressive laws. Nazi Germany out-lawed radios under penalty of DEATH and
> that still didn't stop people from firing up that home-brew in the
> cookie-tin.
>
> Stick me with a fork, I'm done.
> chuck62@freenet.fsu.edu

Scanners w/out receiving images? If you're serious than our politicians
and the lobbies pushing them are bigger dum-asses than I previously
thought! You can do it, at a HUGE cost!

Andy

6905. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-27 02:49:37 UTC
From: domonkos@access.digex.net
Message-ID: <POSDkiubGkAD066yn@access.digex.net>
Source record: 271158

In article <CtKBEC.8Gp@wang.com>, Dave Bushong wrote:

> Whenever a statement starts with "The last I heard, they..." I
> question it. I'm not saying that Mr. Banks is full of crap or
> paranoid, but since the ECPA says
>
> (4) "intercept" means the aural or other acquisition of the contents of
> any wire, electronic, or oral communication through the use of any
> electronic, mechanical, or other device.
>
> There would seem to be no reason to outlaw image reception since the
> wording is sweeping, i.e., "through the use of any... device".
>
> It's amusing to me. You elect these people and then gripe about what
> they do to you. You deserve what you settle for.
>
> Dave
> --
> Dave Bushong, Wang Imaging

I'm proud to proclaim I haven't voted for ANY re-incumbent the past two elections. You want change, you have to make it happen...

Andy

6906. Re: Cordless Phone

Newsgroup: rec.radio.scanner
Date: 1994-07-27 02:49:43 UTC
From: domonkos@access.digex.net
Message-ID: <IPSDkiubGo15066yn@access.digex.net>
Source record: 271159

In article <9407261441591.DLITE.randymira@delphi.com>, Randy Miramontez wrote:
> Does anyone have the frequencies for the new cordless phones in the 900 Mhz
> range. Are they only using the 900 and 46 freq's or am I missing some. Any
> help would be appreciated.
>
>
> Randy
> Randymira@Delphi.com
>
>
Base units are on 902-904 Mhz. Handsets are 20Mhz higher.

Andy

6907. Re: Uniden 890 Mods...

Newsgroup: rec.radio.scanner
Date: 1994-07-27 02:49:55 UTC
From: domonkos@access.digex.net
Message-ID: <tTSDkiubG240066yn@access.digex.net>
Source record: 271160

In article <rwm.775228510@Central.KeyWest.MPGN.COM>, Rob Miracle wrote:
>
> I am looking for any mods as well, particulary if there is a filter to stop
> the hum comming out the External Speaker port when the backlite is on. Also
> it seems very susceptable to noise, I could move my headphone wire to one
> particular place and it would cause the scanner to stop at one frequency.
>
> Rob
> --
> Rob Miracle
> Tantalus Inc.
> rwm@central.keywest.mpgn.com

Rob,

I haven't noticed any hum in my ext. speaker. You may have a marginal
power supply filter capacitor. You may want to try an external 12V battery
on the scanner to make sure.

Andy

6908. Re: Best Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-07-27 02:53:06 UTC
From: andycl168@aol.com
Message-ID: <314i6i$hfo@search01.news.aol.com>
Source record: 271161

In article <CtKpxJ.Awo@metronet.com>, copeland@metronet.com (Charles Copeland) writes:

>Just what does the epca say?

Below is quoted from the 1993 volume of police call. If you don't mind waiting a day or two, I was planning on getting a copy of the ECPA myself.

"The rules are spelled out in the Communications Act (ECPA) of 1934 and the Electronic Communications Privacy Act of 1986. The Federal Communications Commission (FCC) maintains a staff of investigators throughout the country, and the FBI is also empowered to investigated violations, and make arrests, when warrented. The laws provide for monetary fines and/or prison sentences of as long as ten years.

"Regarding radio transmissions that you hear, it is illegal to:

"* Reveal to any other person, not a party to the transmission, the contents of those transmissions (in other words, keep it to yourself).

"* Use any information heard to aid in committing a crime.

"* Use any information heard for personal gain.

"Federal law makes it a crime to intentionally intercept the following types of radio transmissions:

"* Remote radio-TV broadcast pickups.

"* Scrambled, encrypted, or coded transmissions.

"* Mobile telephone conversations of any type."

I think it was a Rhode Island desicion that allowed monitoring of cordless phones. Be advised of the law, and try not to be too blatant about breaking it. We all joke about bumbled dispatches and our crazy neighbors, but let's not get carried away (to jail).

6909. Re: AOR8000 in Shortwave Magazine

Newsgroup: rec.radio.scanner
Date: 1994-07-27 03:09:37 UTC
From: ligosa@pipeline.com
Message-ID: <314j5h$rs2@pipe2.pipeline.com>
Source record: 271164

is the magazine called "Shortwave Magazine" ?
any idea where I can get it here in NYC ?
Anyone

6910. Re: Opinions on TR-2400 Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 03:10:18 UTC
From: dhughes@prairienet.org
Message-ID: <314j6q$mdo@vixen.cso.uiuc.edu>
Source record: 271163

In a previous article, Michael_Mattock@rand.org (Michael Mattock) says:

>Has anyone out there had experience with the U.S. version of this
>scanner? Does it include "the forbidden bands"? Does anyone know the
>story behind the NAL against ACE with respect to this scanner?

In the new (Aug) issue of MONITORING TIMES, there is a report that Ace
has been fined $10,000 (I think that was the figure) for selling the
Trident TR2400 and another radio--the Yupi I think.
--

6911. Re: Opinions on TR-2400 Scanner?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 03:16:29 UTC
From: ligosa@pipeline.com
Message-ID: <314jid$sco@pipe2.pipeline.com>
Source record: 271165

Michael_Mattock@rand.org (Michael Mattock) wrote:

>
>Has anyone out there had experience with the U.S.
>version of this scanner? Does it include "the
>forbidden bands"? Does anyone know the story behind
>the NAL against ACE with respect to this scanner?
>
>Michael

Hi Michael,
I own the Camnis hsc-050 (The UK verssion of the TR-2400)
I can answer any questions
I am currently selling mine so I can get the new AR8000
Email me for info
ligosa@pipeline.com

6912. Re: Service Manual PRO 2022

Newsgroup: rec.radio.scanner
Date: 1994-07-27 03:31:53 UTC
From: dhartzell@ins.infonet.net
Message-ID: <314kf9$mqv@insosf1.infonet.net>
Source record: 271166

In article <9407252210315873@chowda.com>, glenn.butterfield@chowda.com (Glenn Butterfield) writes:
>I was wondering where you got the Service manual for the Relastic
>PRO-2022. I have been wanting to obtain one since I just bought one
>used a little over a month ago.

RS should be able to order one for you.

(--)
Dave Hartzell	DHARTZELL@INS.INFONET.NET
Spencer, Iowa	- The Liberator -
N0TGD	The Human Adventure is Just Begining.....
(--)

6913. Bands To Listen For

Newsgroup: rec.radio.scanner
Date: 1994-07-27 03:59:30 UTC
From: Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <314m32$oe6@netnews.upenn.edu>
Source record: 271155
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In my continued pursuit of a good handheld, I'm coming across distinctions in frequencies: some radios get frequencies that others don't. Military bands in particular. What are some bands that I should look for when I buy a scanner to make sure that I'll have a more or less full band to listen in?

6914. Time to get the OS456?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 04:22:57 UTC
From: pthompson@walnut.prs.k12.nj.us
Message-ID: <1994Jul27.002257.996065@walnut.prs.k12.nj.us>
Source record: 271231

I haven't heard any discussion hear in the last few weeks concerning the OptoScan 456 CTCSS/DCS decoder- does that mean no one is buying them, or they just work fine and everyone is too happy to talk about it?

I'm about to get one if no one says not to- any suggestions of dealers with a good price on this?

Peter

==========
Peter C. Thompson Phone: 609-683-4480
District Technical Coordinator Fax: 609-683-8622
Princeton Regional Schools pct@walnut.prs.k12.nj.us

6915. Frequency Counter

Newsgroup: rec.radio.scanner
Date: 1994-07-27 05:20:59 UTC
From: randymira@delphi.com
Message-ID: <9407270120591.DLITE.randymira@delphi.com>
Source record: 271170

I am looking to get a frequency counter. I am willing to spend between $100 and $200. Does anyone have a recommendation and also what should I look for. One last thing do they sell them locally or do I have to go mail order. I live in the San Francisco Bay Area. Any info would be appreciated. Thanks!!

Randy

6916. Re: States in the USA that banned mobile scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 07:13:31 UTC
From: kjn@netcom.com
Message-ID: <kjnCtL82J.28z@netcom.com>
Source record: 271169
Cross-posted to: alt.radio.scanner,rec.radio.scanner

F. Barry Mulligan (mulligan@ACM.ORG) wrote:
: kjn@netcom.com (Ken Navarre, KC6IFF) wrote:
: > nowhere is there any provision of any document that *permits* you
: > to use a scanner.
^^^^^^^
The below citation has been noted before and applies only to licensed
amateurs using two way radio equip, type approved for amateur use that can,
incidential to their intended purpose, receive 'out-of-band' police and fire
freqs.

:
Date="09/16/93" : Citation="58 FR 48459" :
: [PR Docket No. 91-36; FCC 93-410]
:
: Federal Preemption of State and Local Laws Concerning Amateur
: Operator Use of Transceivers Capable of Reception Beyond the
^^^^^^^^^^^^
: Amateur Service Frequency Allocations
:
: AGENCY: Federal Communications Commission.
:
: ACTION: Declaratory ruling.
: ..
: --
: SUMMARY: The Commission has adopted a declaratory ruling that
: states that certain local and state laws are preempted by federal
: law where such laws prohibit the mere possession of certain
: amateur service transceivers that are capable of receiving frequencies
^^^^^^^ ^^^^^^^ ^^^^^^^^^^^^
: assigned by the Commission for, among other things, police use.

[Bandwidth deleted from previous post...]

Essientially what the FCC said was that the states didn't have the right to
restrict the legal use of equipment approved by them, and used in the
legitimate pursuit of individuals licensed by the federal government.
Unfortunately this didn't provide a blanket coverage protecting the
right of 'Joe Citizen' to use a "scanning receiver" as defined by the FCC.

Too bad. I think we ought to be allowed to listen to anything that is
broadcast on any frequency so long as it is in the clear.
--
kjn@netcom.com (Ken Navarre)

6917. Re: Any Ham Radio Newsgroups?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 07:20:22 UTC
From: kjn@netcom.com
Message-ID: <kjnCtL8Dz.2sH@netcom.com>
Source record: 271172

Paul Aidukas (paidukas@rel.semi.harris.com) wrote:
: Are there any Ham Radio Newsgroups of any kind avaliable on Usenet?

: I beleive we have a full-feed, but I cannot find anything with any amateur-radio
: content. If someone knows of any groups we not not be getting on this subject,
: please send me the name of the group via e-mail.

rec.radio.amateur.misc
rec.radio.amateur.packet
rec.radio.amateur.policy

There are also ham newsgroups for Germany, Japan, & another one that I
can't remember.

KC6IFF
--
kjn@netcom.com (Ken Navarre)

6918. Pro 2026 image problems: do you have?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 08:22:20 UTC
From: thooker@psl.nmsu.edu
Message-ID: <thooker.42.00085F95@psl.nmsu.edu>
Source record: 271243

I recently purchased the Pro 2026, the 100 channel mobile scanner from radio shack. I liked its small size, and the attractive price (135 mail order). I have been using it for a little over a month, in a medium sized city, and in the county. My observations are that the radio has absolutly NO image rejection. I do not believe that it even has front end filters, judging from the complexity inside the case!

Here is an example: While on a trip to Arizona this week end, I began recieving airline chatter on a local police channel. The frequency I was tuned to was around 157 MHz, but I was hearing airlines. So I tuned down into the air band by subtracting twice the IF frequency from the 157 channel, and there it was. Airline traffic.

I have also noted that the radio is basically useless when doing a search in an RF rich envionment. It stops on a frequency, makes funny noises, and has terrible intermod problems.

I know that the radio is operating properly, and is not broken. It is simply a poor design, with too much emphasis on cutting cost, and not worring about performance.

When compared to my old Bearcat 220, it is a shame.
That scanner has a front end filter which tracks electronicly with the radio tuning, and this eliminates a lot of garbage.

If you are considering this scanner, I would like to steer you away from it. These problems are not just confined to a large city, as indicated by my experience on the hiway. It really cripples a scanner, to have these problems.

I do not know if RS will take it back, but I am going to try. I am going to look at the Bearcat 760. It looks to be almost the same outside, but I am hoping the higher cost will include more design effort and a better product.

I hope this helps somebody make the proper decision!

Tracy
T. Hooker email: Thooker@PSL.NMSU.EDU
KA5ECS

6919. Re: States in the USA that banned mobile scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 09:05:38 UTC
From: davidm@iglou.com
Message-ID: <YDYDkK7gXb2B068yn@iglou.com>
Source record: 271171
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <312sgv$h1d@hopper.acm.org>,
mulligan@ACM.ORG (F. Barry Mulligan) wrote:
> Date="09/16/93"
> Citation="58 FR 48459"
>
> [PR Docket No. 91-36; FCC 93-410]
>
> Federal Preemption of State and Local Laws Concerning Amateur
> Operator Use of Transceivers Capable of Reception Beyond the
> Amateur Service Frequency Allocations

Thanks, I've been wanting a copy of that after I discovered I missplaced mine!

David KD4RMW
davidm@iglou.com

6920. Lite music at 821.25 ?!?!

Newsgroup: rec.radio.scanner
Date: 1994-07-27 09:07:08 UTC
From: chea0009@gold.tc.umn.edu
Message-ID: <CtLD9J.IJK@news.cis.umn.edu>
Source record: 271174

While searching through 800-900Mhz feqs. with my BC220XLT, I come across two feqs that play lite music 24 hours non stop without any human voice and commercial, just music. The feqs. are 821.25 & 821.262, anyone know what are the soruces of the boardcasting ? I'm at Minneapolis of MN.

While this is another question but it could be related to the abovt question, a friend of mine who has worked at WalGreen as a pharmacy heard the background music at the store, and he told me that no one there knows who control or select the music, but definely not from radio. Strange?!?!

--
With best regards. | Kong-Kin.P.Cheang-1@umn.edu
| ~{V#8U=!~}
|
| University of Minnesota, Mpls.

6921. Re: Any Ham Radio Newsgroups?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 11:46:46 UTC
From: hcraig@starbase.neosoft.com
Message-ID: <315hf6$onb@uuneo.neosoft.com>
Source record: 271226

Paul Aidukas (paidukas@rel.semi.harris.com) wrote:
: Are there any Ham Radio Newsgroups of any kind avaliable on Usenet?

: I beleive we have a full-feed, but I cannot find anything with any amateur-radio
: content. If someone knows of any groups we not not be getting on this subject,
: please send me the name of the group via e-mail.

: ---
: paidukas@rel.semi.harris.com

Heres all I am aware of ham and otherwise:
uk.radio.amateur
alt.radio.pirate
alt.radio.scanner
rec.radio.scanner
alt.radio.networks.npr
rec.radio.amateur.misc
rec.radio.amateur.policy
rec.radio.broadcasting
rec.radio.noncomm
rec.radio.shortwave
rec.radio.swap
rec.radio.info
rec.radio.amateur.antenna
rec.radio.amateur.digital.misc
rec.radio.amateur.equipment
rec.radio.amateur.homebrew
rec.radio.amateur.space
alt.radio.digital

Have fun. I get all these here. (cant follow all of them!)

--

Hugh Craig AKA;KG5OY; AKA London; email: hcraig@starbase.neosoft.com
Houston, Texas.
"No free man shall ever be debarred the use of arms. The
strongest reason for the people to retain the right to keep and
bear arms is, as a last resort, to protect themselves against
tyranny in government." - Thomas Jefferson

6922. Re: 2006-battery low

Newsgroup: rec.radio.scanner
Date: 1994-07-27 12:23:49 UTC
From: zenith89@bnr.ca
Message-ID: <zenith89-270794082349@47.80.2.73>
Source record: 271228

In article <CtK364.BCp@freenet.carleton.ca>, aa666@FreeNet.Carleton.CA (Margaret McCurdie) wrote:
> My Pro 2006 started beeping the battery low indicator - backup battery.
> I replaced the 9 volt with a new one and get the same thing after it has
> been running for a while.

If it's any help, I have a Pro 2006 & this will happen if I don't use an alkaline battery.

--
Chris Van Fleet, Bell Northern Research.
Phone (613) 763-7541, fax (613) 763-7383.
Internet: zenith89@bnr.ca

6923. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-27 12:38:47 UTC
From: bkobb@newsignals.com
Message-ID: <netnewsCtLn4n.J5q@netcom.com>
Source record: 271230

>August Monitoring Times has a full page ad by Ramsey Electronics that
>features the scanner converter. It is legal for sale.

How are you sure that such a converter is legal for sale. The fact that a company is selling it does not necessarily make it legal for sale. It could mean that Uncle Sam's attention has not yet turned to that company.

I think converters should be allowed, but the FCC differs with me on that. Here's what they said in April of last year:

"We recognize that frequency converter designs are typically not very sophisticated compared to those of scanning receivers, and that banning frequency converters capable of converting cellular transmissions will significantly increase the design complexity necessary for converters to comply with our technical standards. We further recognize, as several commenters note, that there are very legitimate uses for converters that convert 800 MHz and 900 MHz signals down to lower frequencies. Even though the restrictions we proposed for converters will undoubtedly make it more difficult and expensive to purchase 800 MHz and 900 MHz converters for legitimate purposes, we believe the intent of the TDDRA leaves us no choice but to adopt them."

Bennett Kobb

6924. Re: Any Ham Radio Newsgroups?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 12:55:11 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <315lff$jep@thecourier.cims.nyu.edu>
Source record: 271240

```
|> rec.radio.amateur.misc
|> rec.radio.amateur.packet
|> rec.radio.amateur.policy

I believe [..].packet was disbanded 9/23/93 for

rec.radio.amateur.digital.misc

here are others from my .newsrc:

rec.radio.amateur.digital.misc: 1-3870
rec.radio.amateur.misc: 1-22551
alt.amateur-comp! 1-1405
rec.radio.amateur.antenna! 1-4372
rec.radio.amateur.equipment! 1-2583
rec.radio.amateur.homebrew! 1-3365
rec.radio.amateur.packet! 1-50
rec.radio.amateur.policy! 1-7167
rec.radio.amateur.space! 1-826
rec.radio.amateur.swap! 1-12

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com
```

6925. Re: Lite music at 821.25 ?!?!

Newsgroup: rec.radio.scanner
Date: 1994-07-27 13:31:25 UTC
From: nstrauss@netmare.corp.sgi.com
Message-ID: <CtLpKD.5sG@odin.corp.sgi.com>
Source record: 271229

In article <CtLD9J.IJK@news.cis.umn.edu>, chea0009@gold.tc.umn.edu (Kong-Kin P Cheang) writes:
|> While searching through 800-900Mhz feqs. with my BC220XLT, I come across
|> two feqs that play lite music 24 hours non stop without any human voice
|> and commercial, just music. The feqs. are 821.25 & 821.262, anyone know
|> what are the soruces of the boardcasting ? I'm at Minneapolis of MN.
|>
|> While this is another question but it could be related to the abovt question,
|> a friend of mine who has worked at WalGreen as a pharmacy heard the background
|> music at the store, and he told me that no one there knows who control or
|> select the music, but definely not from radio. Strange?!?!
|>
|> --
|> With best regards. | Kong-Kin.P.Cheang-1@umn.edu
|> | ~{V#8U=!~}
|> |
|> | University of Minnesota, Mpls.

Back when I used to work at Kinko's Copies, we had this same type of annoying music. They played New Kids on the Block a lot. Except that we crafty employees found the volume know and would turn it off whenever the manager wasn't around and then go for a portable radio with the music of our choice.

Well, one day I poked around the area of the mysterious knob on my break and found what looked like a radio reciever hooked to the amp, with some coax leading from the reciever up into the false cieling.

So, I suppose such broadcasts of annoying store/elevator music are broadcast. But then how do they insure that stores pay for the service? Honor system? And what if you want Muzak in the middle of Montana?

--Nick

PS...apologies to all Montanans, but I found your state very beautiful but desolate, in a green sort of way.

--

____
\ \ _ ______ |
\ NICHOLAS STRAUSS \ / ___-=O`/|O`/__|
\ Silicon Graphics-Network Operations _______\ / | /)
/ nstrauss@netmare.corp.sgi.com / `/-==__ _/__|/__=-|
/ pilot@leland.stanford.edu / * \ | |
/_____________________________________/ (o)

"What, are you kidding?? We're on a spaceship! This place is *crawling*
with toothpicks!" -- the silly quote

"Who dares, wins." -- the serious quote

6926. BC8500 XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-27 14:06:19 UTC
From: tbohr1@ed8751.pto.ford.com
Message-ID: <315pks$htn@ef2007.efhd.ford.com>
Source record: 271249

My brother-in-law bought an BC8500XLT a few weeks ago and was extremely disappointed w/ the aircraft range performance. Namely spurious feedback and intermod. He tried to return it to the mail order place he bought it thru and they essentially said "too bad, address any issues w/ uniden". He called uniden
and they directed him to send in the unit for "free repairs". He got it back yesterday in its original condition, w/ uniden claiming to have found nothing wrong w/ the unit. He then again tried to return it to the place of purchase, and they said they'd refund the money.

Just a little anecdote for any of you considering buying the 8500.

I did buy an 890XLT and am pretty happy w/ it.

6927. Re: RS-2036 Scanner

Newsgroup: rec.radio.scanner
Date: 1994-07-27 14:06:22 UTC
From: domonkos@access.digex.net
Message-ID: <gdbDkiubGUl6066yn@access.digex.net>
Source record: 271234

In article <brett_miller.411.000EE313@ccm.hf.intel.com>, Brett Miller - N7OL wrote:
>
> It is the 890 made by Uniden. double conversion. The only change I know of
> is that the RS model has less audio output than the Uniden. The tone board
> will also be available. I have heard Rf performance is not too hot (the tone
> board would solve some of this problem. It hing RS is charging $319 or
> something for it. For that money, you could do better.
>
>
> Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
> Intel Corp.
> American Fork, UT

I just picked up the 890 by Uniden and it is superb. I live 25 miles north
of Baltimore and use a multiband vertical scanner antenna w/excellent results
and the minimal of image overloads. This model can be had for about $250
at most suppliers (ie; Ham Radio Outlet, etc). I may go to RS for the
tone board only.

Andy

6928. Re: States in the USA that banned mobile scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 14:06:43 UTC
From: domonkos@access.digex.net
Message-ID: <dibDkiubG6aQ066yn@access.digex.net>
Source record: 271235
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <kjnCtL82J.28z@netcom.com>, Ken Navarre wrote:
>
> Essientially what the FCC said was that the states didn't have the right to
> restrict the legal use of equipment approved by them, and used in the
> legitimate pursuit of individuals licensed by the federal government.
> Unfortunately this didn't provide a blanket coverage protecting the
> right of 'Joe Citizen' to use a "scanning receiver" as defined by the FCC.
>
> Too bad. I think we ought to be allowed to listen to anything that is
> broadcast on any frequency so long as it is in the clear.
> --
> kjn@netcom.com (Ken Navarre)

If it falls on your property than you should have the right to receive, etc.
Keep it off my property if you don't want it received. As long as an
individual isn't commercializing or abusing the information he receives
there's no harm. If anyone is telling me I still don't have the right
to receive (demodulate) the signal then they're a freaking fascist/communist.

Too many groups in this country getting too comfortable dictating to
supposed 'free' people what the hell to do...

Andy

6929. Re: CHP<->Police Conversation

Newsgroup: rec.radio.scanner
Date: 1994-07-27 14:14:49 UTC
From: woodman@rain.org
Message-ID: <woodman.775318142@coyote>
Source record: 271232

boothc@kenyon.edu (Carter G. Booth) writes:

>>>At one point, I
>>>could hear both sides of conversation where one end was a sheriff
>>>deputy in the field, and the other end was, I believe, CHP dispatch.
>>
>> This may true elsewhere in the state as well, but in San Mateo county, I
>> often hear the county sherrif communicating directly with CHP mobiles
>> (91-xx units) on county frequencies. In other words, the CHP units have
>> county-capable radios with them. It's possible that the CHP mobile didn't
>> have good enough comms with CHP dispatch in that particular location, so
>> used county radio for assistance.
>>

>Or, They could have just been talking to each other using their respective
>scanners :) ie you talk on your assigned freq and I hear it and then I talk
>on my assigned freq and you hear it.

>Carter

Here in Santa Barbara County the Sheriff's Dept. "talks" to the CHP this
way. Typical is, "SO Nora 10 to CHP unit at Fairview on scanner. Suspect
vehicle is two ahead of you".
--
--
Michael Woodill | You can do everything with bayonets
| except sit on them.
woodman@coyote.rain.org | O. von Bismarck

6930. Re: Lite music at 821.25 ?!?!

Newsgroup: rec.radio.scanner
Date: 1994-07-27 14:15:07 UTC
From: andycl168@aol.com
Message-ID: <315q5b$rsm@search01.news.aol.com>
Source record: 271236

It's probably a commercial muzak system.

6931. Funny, not technical, but true!

Newsgroup: rec.radio.scanner
Date: 1994-07-27 14:28:53 UTC
From: cripps@hk.net
Message-ID: <cripps.7.000E7BAA@hk.net>
Source record: 271168

A few months back, a friend of mine, accidentally over-heard in the 152MHz Police bands in the UK (purely making sure his Amateur transmission on 144MHz wasn't going out of band, as Public monitoring in the UK is ILLEGAL!) an un-marked police car following a suspected stolen vehicle. Backed up by Helicopter, and several marked cars.

Turns out the poor chap had just left his wife and she reported the car stolen!

Not a good way to patch up a relationship !

For the technical bods: AOR3000, using a Discone mounted in the loft. Controlled by Scancat software.

Tech Question: Does anybody else still get their AOR locking up, requiring a total System reset?

6932. Re: PRO-51???

Newsgroup: rec.radio.scanner
Date: 1994-07-27 14:29:32 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-270794072751@earl.llnl.gov>
Source record: 271233

In article <313si4$nr5@netnews.upenn.edu>, Soren Ragsdale
<soren_ragsdale@path1a.med.upenn.edu> wrote:
>
> My local rat shack salesman tells me that he's selling a PRO-51 scanner.
> 200 channel with 800Mhz coverage. (Of course, the cellular frequencies
> are locked out.) He says that this one is easily modifiable like the
> others. (Kind of an open salesman, eh?) These scanners are going to be
> on sale for $200 at the beginning of next month (discounted from $300),
> and I thought I'd take the opportunity to buy one.
>
> Does anyone know whether this new model is easily modifiable (like the
> old ones), or how I could tell (looking at the product code to see if it
> has an "A" in the beginning)?

This model may not be around much longer. It has a FCC certification after
the magic cutoff date and does not meet the non-cellular criteria. Radio
Shack is in violation for selling this unit and could be in hot water soon.
The FCC is looking into it now. I would get one while still on the shelf if
you are interested in this model.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

6933. Hydroplane (Unlimited) frequencies desired.

Newsgroup: rec.radio.scanner
Date: 1994-07-27 14:47:09 UTC
From: lane@tc.fluke.COM
Message-ID: <CtLt2p.5B1@tc.fluke.COM>
Source record: 271196

Does anyone know of frequencies used by the Unlimited Hydroplanes? I have searched in the past with my radio and haven't found any. In about 10 days there will be Hydroplane races for Seattle's Seafair celebration and I thought it would be interesting to listen to the drivers and crews communicate. These races are held all around the U.S. so I think it would be of general interest.

Thanks for your help!

lane@tc.fluke.COM

6934. Re: Freedom of Information Act?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 14:47:40 UTC
From: glr@ripco.com
Message-ID: <CtLt3H.1wH@rci.ripco.com>
Source record: 271239

Dave Bushong (dbushong@wang.com) wrote:
: Sherrod.Munday@launchpad.unc.edu (Sherrod Munday) writes:

: >In article <kjnCt3FFw.Cts@netcom.com>, Ken Navarre <kjn@netcom.com> wrote:
: >>Anyone out here had any experience with invoking provisions of the
: >>Freedom of Information Act to obtain frequencies from a federal agency
: >>that is stonewalling? We know the location of the document in question
: >>and the person charged with its maintenance.

: >I posted a similar request a few months back for personal experience of
: >[...]

: Try asking around in alt.privacy. There are some regular posters
: there who probably have the answers.

: Dave
: --
: Dave Bushong, Wang Imaging

Did you make the request yet? (If so, you probably have the answer already)
If not, why not? You have nothing to loose.

--

Glen L. Roberts, Publisher, Directory of Elect Surv Equip Suppliers
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
Box 734, Antioch, Illinois 60002 Fax: (708) 838-0316
Voice/FAX on demand: (708) 356-9646 SSN-BASE: (708) 838-3378 (2400,N,8)

6935. wireless bugs

Newsgroup: rec.radio.scanner
Date: 1994-07-27 14:58:34 UTC
From: siemer@umbc.edu
Message-ID: <315smqINNomj@umbc7.umbc.edu>
Source record: 271237

Anyone know where I can get a wireless bug that is easy to conceal
and will transmit at least 100 feet and can be received on a
scanner capable of 30-50, 147-174, UHF up to 512mhz.

6936. Re: Any Ham Radio Newsgroups?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 14:59:24 UTC
From: brett_miller@ccm.hf.intel.com
Message-ID: <brett_miller.420.000EFDE4@ccm.hf.intel.com>
Source record: 271181

In article <1994Jul26.115737.19185@mlb.semi.harris.com> paidukas@rel.semi.harris.com (Paul Aidukas) writes:

>Are there any Ham Radio Newsgroups of any kind avaliable on Usenet?

>I beleive we have a full-feed, but I cannot find anything with any amateur-radio
>content. If someone knows of any groups we not not be getting on this subject,
>please send me the name of the group via e-mail.

Yes there are lots of them. Most of them start with rec.radio.amateur
your site should allow you to list the groups.

Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
Intel Corp.
American Fork, UT

6937. Re: Scanner Computer Interface

Newsgroup: rec.radio.scanner
Date: 1994-07-27 15:14:13 UTC
From: toddw@connected.com
Message-ID: <315tk5$fh8@hebron.connected.com>
Source record: 271238

Brett Miller - N7OLQ (brett_miller@ccm.hf.intel.com) wrote:
: >> About a year ago, someone came out with a kit that let you add a
: >> computer interface to a PRO-2006. I'd like to purchase one, so if anyone
: >> can tell me if they're still available and/or where one can be
: >> purchased, I'd be very grateful.

2 magazines will have the info you need.
Monitoring Times V13 #7 July There about 3 different manufactures of an
interface for about $250-300.

August 1994 of QST has one from Optoelectronics called the OptoScan 456
for $300. but it does a lot, CTCSS, DTMF decode scans at 50 CPS

Hope that helps.

6938. Re: AOR8000 in Shortwave Magazine

Newsgroup: rec.radio.scanner
Date: 1994-07-27 15:36:09 UTC
From: schuster@panix.com
Message-ID: <315ut9$fbr@panix.com>
Source record: 271241

In article <314j5h$rs2@pipe2.pipeline.com>,
Chris Barbosa <ligosa@pipeline.com> wrote:
>is the magazine called "Shortwave Magazine" ?
>any idea where I can get it here in NYC ?

Chris, you can sometimes find it in the magazine racks at Barnes & Noble superstores. It's hit-or-miss as the magazine selection is apparently up to the local manager. It's usually next to Monitoring Times and Practical Wireless.

I considered subscribing, but apart from the ads there really wasn't THAT much more than the domestic (USA) mags to make it worth the cost for me.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6939. Re: Code Grabber

Newsgroup: rec.radio.scanner
Date: 1994-07-27 15:50:22 UTC
From: Ergin Guney <eg23+@andrew.cmu.edu>
Message-ID: <wiBc8yG00WB6M7RnES@andrew.cmu.edu>
Source record: 271262

Excerpts from netnews.rec.radio.scanner: 26-Jul-94 Code Grabber by Brad Glidewell@nRCHs022
> One way to defeat this type of system would be to have your alarm system
> "passivley" arm and lock the car for you so the only time you xmit
> is when you are arriving and disarming.

This issue has been covered in a car audio/security magazine that I saw. One of the ways to defeat the system that was pointed out was just what you said. But another good way is to go out and buy one of the (what I can call) "anti-code-grabber" alarm systems. There are several available. These usually work by using a different code each time. Simple, eh? Each new code is calculated from the previous code according to an algorithm that both the transmitter and the receiver of the alarm system know. It works much like a random number generator on a computer or calculator. So the codes appear pretty random. Of course, if someone can grab your code repeatedly and deduce the underlying formula, this could be defeated too. But that would take a hell of a lot more effort.

Ergin Guney

6940. Hospital Chatter?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 16:02:39 UTC
From: Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <3160ev$9pr@netnews.upenn.edu>
Source record: 271242

I work in the University of Pennsylvania hospital. What might I find interesting around here? Does anyone know the specific frequencies?

Apart from just listening to interesting things, are scanners really _useful_? For instance, getting police reports on traffic or finding out which parts of town aren't a good idea to go into at night because of crime. Scanners sound fun as a toy, but if they could help me out as well that'd be better.

--
Soren Ragsdale
Scanner newbie, but making good time...

6941. PA State Police Frequencies Needed

Newsgroup: rec.radio.scanner
Date: 1994-07-27 16:14:03 UTC
From: rccons!rec@telerama.lm.com
Message-ID: <215_9407280701@rccons.lm.com>
Source record: 271197

Reply-To: rccons!aosc_pa@telerama.pgh.pa.us

26 Jul 94 10:17, jernandez@pbs.org wrote to All:

jo> Could someone please help me out with the frequencies for the
jo> Pennsylvania State Police in the north eastern counties
jo> of Monroe,Luzernne,Lackawanna,Pike and Northampton. Ant 10 Codes
jo> which could be passed on would be helpful also.

Official Pennsylvania State Police Frequencies PL 186.2

Channel Freq Use

F-1 154.755 Mobile to Mobile
F-2 155.580/154.950 Channel A Dispatch -
F-3 155.670/155.910 Channel B Dispatch -
F-4 155.505/155.850 Channel C Dispatch -
F-5 154.665/158.910 Channel D Dispatch -
F-6 154.695/156.150 Channel E Dispatch -
F-7 154.920/154.830 Channel F Dispatch -
F-8 155.790/159.030 Channel G Dispatch
F-9 155.475 National Emergency Channel (NEPF)
F-10 154.755/159.210 Mobile Repeater
F-11 154.755/159.210 Mobile to Portable
F-12 155.460 TAC 1
F-13 151.490 TAC 2
F-14 154.950 Monitor Channel A
F-15 155.910 Monitor Channel B
F-16 155.850 Monitor Channel C
F-17 158.910 Monitor Channel D
F-18 156.150 Monitor Channel E
F-19 154.830 Monitor Channel F
F-20 159.030 Monitor Channel G
F-21 Troop Option
F-22 156.195/159.045 PA Regional Police
F-23 154.755 Mobile to Mobile
F-24 Troop Option
F-25 Troop Option
F-26 Troop Option
F-27 Troop Option
F-28 Troop Option
F-29 Troop Option
F-30 Troop Option
F-31 162.550/162.400 NOAA Weather (receive only)

F-32 155.580/155.790 Old Channel "A"
159.210 Portable to Portable
42.600 Old Base to Base

Mobile Mobile PL Radio
CH Transmit Receive Code Display Description
== ======== ======= ===== ======= ===========
01 154.755 154.755 186.2 PSP Mob. Mobile/mobile
02 154.950 155.580 186.2 CHAN A Troop Channel A
03 155.910 155.670 186.2 CHAN B Troop Channel B
04 155.850 155.505 186.2 CHAN C Troop Channel C
05 158.910 154.665 186.2 CHAN D Troop Channel D
06 154.905 154.695 186.2 CHAN E Troop Channel E
07 154.830 154.920 186.2 CHAN F Troop Channel F
08 155.445 155.445 186.2 CHAN G Troop Channel G
09 155.475 155.475 NONE NEPF National Emergency
10 159.210 154.755 186.2 RPTR1 Vehicular Repeater
11 159.210 154.755 123.0 RPTR2 Base Repeater
12 155.460 155.460 186.2 TAC-1 Tactical Freq. 1
13 151.490 151.490 186.2 TAC-2 Tactical Freq. 2
14 154.950 154.950 186.2 MON A Chan. A Talk Around
15 155.910 155.910 186.2 MON B Chan. B Talk Around
16 155.850 155.850 186.2 MON C Chan. C Talk Around
17 158.910 158.910 186.2 MON D Chan. D Talk Around
18 154.905 154.905 186.2 MON E Chan. E Talk Around
19 154.830 154.830 186.2 MON F Chan. F Talk Around
20 156.015 158.760 151.4 ADMIN 1 With Phone #
21 156.015 158.760 123.0 ADMIN 2 Without Phone #
23 156.195 159.045 179.9 RPT 1 3 5 Turnpike Repeater *
24 156.225 159.075 179.9 RPT 2 4 Turnpike Repeater *
25 159.000 159.000 NONE PTCSMX Turnpike Simplex
26 158.835 158.835 NONE PEMA Emergency Management

* Tone on TX ONLY

Pennsylvania Turnpike PL on INPUT/NO PL on output.

159.045/156.195 MP 0-109.9, 201.3-298.0 & NW Ext. MP A10.3-A110.3
159.075/156.225 MP 109.9-201.3 & 298.0-359.0
159.000 Mobile to Mobile, Radar, Aircraft
154.755 Mobile to Mobile, Radar, Aircraft
155.460 PSP Tac 1
151.490 PSP Tac 2

Police & Maint/Work Crews use same channels on PTC.

Rick Christian, AAJP/BSEE
AOSC PA Editor/PCO Peters Twp. P.D.
Internet:rccons!aosc_pa@telerama.pgh.pa.us

6942. Re: FCC vs. Kenwood

Newsgroup: rec.radio.scanner
Date: 1994-07-27 16:15:57 UTC
From: steven@sgb.oau.org
Message-ID: <CtLx6n.Dzo@sgb.oau.org>
Source record: 271194

Thomas J. Harrell (tharrell@nmsu.edu) wrote:
: Jerry Dallal (jerry@hnrc.tufts.edu) wrote:
: : >
: : > 4. On April 19, 1993, the Commission adopted the Report and Order in
: : > this proceeding, implementing the requirements of the TDDRA. The rules
: : > became effective on April 26, 1993, and the manufacture and importation of
: : > scanning receivers that do not comply with the new rules will be prohibited
: : > as of April 26, 1994. The rules define scanners that can be readily altered
: : > by the user as:
: : >
: : > ... those for which the ability to receive transmissions in the cellular
: : > telephone bands can be added by clipping the leads of, or installing, a
: : > simple component such as a diode, resistor and/or jumper wire; replacing
: : > a plug-in semiconductor chip; or programming a semiconductor chip using
: : > special access codes or an external device, such as a personal
: : > computer.
: : >

: : Wouldn't the modifiable PRO-43 be permissible under this rule?

: Probably not - otherwise everybody would be desoldering diodes in their
: 2006s instead of clipping them. There's probably a 'including, but not
: limited to' clause in that ... somewhere. Anyway, I doubt that Rat Shack
: would hang their corporate ass on the line to test a technicality.

What we need here is a company to challenge these issues in court,
specifically a company which could afford to purchase better legal
talent than the Government...

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

6943. Re: Antenna question

Newsgroup: rec.radio.scanner
Date: 1994-07-27 16:19:48 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Jul27.161948.12067@news.csuohio.edu>
Source record: 271248

saund891@raven.csrv.uidaho.edu (Mike Saunders) writes:
: I've got a magnetic mount cb antenna. Would this work well on a pro-39
: handheld scanner? Are there any problems or comments on doing this?
: Thanks.
:
: --

Mike,

Physically, about all you need to do is get a gender-mender (adaptor)
to go from the CB antenna PL-259 connector to the BNC antenna jack
on your scanner.

Now, also remember the CB antenna is specifically tuned to the
CB range of 26-27MHz, whereas your scanner picks up 30MHz to
near 1GHz. So, the tuning will be off technically speaking.
But, given that it's a long piece of wire sticking off the top
of your car, you will still probably get a lot better reception,
at least in VHF low (e.g., cordless phones 46-49MHz) than the
rubber duck inside your car. You may find that UHF and 800 band
stuff may not come in as good as the duck, since the CB antenna
is nowhere near being tuned in that range. I have found that
a window clip-on cellular phone antenn does a fine job on MY scanner
for picking up UHF and 800 band, not surprisingly. I got a TNC to BNC
adaptor for the antenna jack. Your mileage may vary.

Hope it helps.

Mike
--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^

6944. Re: My $.02 on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-07-27 16:50:44 UTC
From: lhr@zurich.ai.mit.edu
Message-ID: <LHR.94Jul27165044@void.ai.mit.edu>
Source record: 271268

In article <316afn$9mv@ncar.ucar.edu> jksmith@platypus.atd.ucar.edu (Jeff Smith) writes:

From: jksmith@platypus.atd.ucar.edu (Jeff Smith)
Newsgroups: rec.radio.scanner
Date: 27 Jul 1994 18:53:43 GMT

4) Why is it that the same people who insist that the government is always trying to take away THEIR rights give absolutely no considerations to anyone else's rights. Allowing individuals to monitor confidential conversations is probably worse than allowing the government to do it.

If people want confidential conversations, then they should encrypt the conversations, and the govt. should let them do it. Instead, the govt. has taken away *everyone's* right to monitor signals that pass through their environment (and even through their own bodies!).

The govt's solution of making it illegal to monitor certain freq's is not only completely ineffective, but it also takes away _everyone's_ right to monitor signals in the _privacy_ of their own homes.

Why don't those who can afford cell-phones, for example, get off their lazy butts and use existing, conventional technology to encrypt conversations which they consider confidential? They are the ones who have no consideration for anyone else's rights.

Why should _everyone_ have their rights taken away so that a fraction of people can be lazy?

-Luis

6945. Re: Rat Shack Freq Counter to find Tx Freq?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 16:54:37 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Jul27.165437.13118@news.csuohio.edu>
Source record: 271244

tnuedeck@comp.uark.edu (Tim) writes:
: I heard it mentioned somewhere that a freq counter (about $99) from
: radio shack could be used to aquire freq from people transmitting close
: to you. How is this done and is the freq counter all that is needed?
: What kind of limits (1 Hz to 1G Hz ?) and range does it have. Could I
: follow a cop and tell what freq they are Txing on? or maybe park at the
: station and get all the freq?
:

Tim,

I've got a Radio Shack RF Frequency Counter, and it works with the
telescoping antenna that comes with the device. You can be near
just about any radio transmitter and it should register the frequency
when it transmits. Only drawback is that it does not have a hold
button so you can't easily make note of the number. However, the unit can be
modified (I did it, it works) to have a hold button. The unit
measures 1MHz to something like a couple GHz, I don't exactly
remember the high limit (the unit's at home). I got it for
under $100 bucks at Radio Shack. Good unit, well built, feels
good in the hand.

Mike

--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^v^

6946. Re: BC8500 XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-27 17:02:33 UTC
From: schuster@panix.com
Message-ID: <3163v9$892@panix.com>
Source record: 271245

In article <315pks$htn@ef2007.efhd.ford.com>,
Tim Bohr(R) <tbohr1@ed8751.pto.ford.com> wrote:
>
>My brother-in-law bought an BC8500XLT a few weeks ago and was extremely
>disappointed w/ the aircraft range performance. Namely spurious feedback
>and intermod. He tried to return it to the mail order place he bought
>it thru and they essentially said "too bad, address any issues w/ uniden".
>He called uniden
>and they directed him to send in the unit for "free repairs". He got it back
>yesterday in its original condition, w/ uniden claiming to have found
>nothing wrong w/ the unit. He then again tried to return it to the place
>of purchase, and they said they'd refund the money.
>
>Just a little anecdote for any of you considering buying the 8500.

This model has nice features but poor RF performance. Deafness among the
deficiencies. If I'm not mistaken the model was withdrawn (along with the
2500XLT) because of overwhelming performance problems.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6947. Re: Hospital Chatter?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 17:04:17 UTC
From: schuster@panix.com
Message-ID: <31642h$8p7@panix.com>
Source record: 271246

In article <3160ev$9pr@netnews.upenn.edu>,
Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu> wrote:
>I work in the University of Pennsylvania hospital. What might I find
>interesting around here? Does anyone know the specific frequencies?

Only two things might be of interest. One would be the local pagers which might not even contain voice, and the hospital police. There are lots of places to look; usually at or near itinerant business frequencies, or VHF freqs allocated to ambulances.

Not very exciting listneing.
--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

6948. Finding freqs at a concert

Newsgroup: rec.radio.scanner
Date: 1994-07-27 17:07:20 UTC
From: gcortevi@nyx10.cs.du.edu
Message-ID: <316488$20r@nyx10.cs.du.edu>
Source record: 271247

I'm going to be driving some friends of mine up to the Lolapolooza concert here in Detroit (at Pine Knob I think) this Friday and decided that I'm going to take my scanner up there and perhaps bum around the parking lot. Any idea on what frequencies I might find the wireless microphones so that I can listen to the concert? Perhaps a frequency where everything is mixed together? Any ideas are appreciated.

--
Greg Corteville | "We are the knights who say Nee!"
gcortevi@nyx10.cs.du.edu | - Monty Python's QFTHG
gcortevi@trident.lbs.msu.edu |
---[PGP Key available via finger]-----------------------------------

6949. Re: Bands To Listen For

Newsgroup: rec.radio.scanner
Date: 1994-07-27 17:14:20 UTC
From: mulligan@ACM.ORG
Message-ID: <3164lc$p8r@hopper.acm.org>
Source record: 271270
Cross-posted to: alt.radio.scanner,rec.radio.scanner

Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu> asked:
> What are some bands that I should look for when I buy a scanner ...

For a list of the FCC frequency allocations, check the file fcc.allocations
at oak.oakland.edu:/pub/hamradio/docs/misc.

A condensed list of bands with purchase priorities (opinions may vary) -

A 30- 50 mobile radio services
B 50- 54 amateur
54- 88 TV ch 2-6 (WFM)
88-108 FM broadcast (WFM)
C 108-136 aeronautical (AM)
A 138-150 US Govt / amateur
A 150-160 mobile radio services / maritime / railroad
A 162-174 various, mainly US Government
174-216 TV ch 7-13 (WFM)
B 216-225 maritime / mobile / amateur
C 225-400 miltary aeronautical (AM)
A 400-420 US Govt
B 420-450 Amateur / military radar
A 450-470 mobile radio services, etc
B 470-512 TV ch 14-20 / public safety in certain cities
512-806 TV ch 21-69
B 806-824 mobile radio services (mobile freqs)
824-849 cellular (mobile freqs)
C 849-851 aircraft phone (mobile freqs) (AM)
A 851-869 mobile radio services (base)
869-894 cellular (base)
C 894-896 aircraft phone (base) (AM)

A minimum requirement
B desireable
C aero bands use AM, available only in better scanners

6950. Question about antenna in attic

Newsgroup: rec.radio.scanner
Date: 1994-07-27 17:18:05 UTC
From: lavoie@bosserv.bos.locus.com
Message-ID: <3164sd$1j2@lccma.bos.locus.com>
Source record: 271250

I recently bought a new house and need to set up my all band antenna. My wife does not want it on the roof (complaints about it looking ugly), so I was thinking about mounting it in the attic.

The roof currently has two layers of shingles on it, so there are a lot of nails in the roof. Will this have any effect on the performance of the antenna?

Thanks for your input.

--
=-=
Paul R Lavoie lavoie@locus.com
Locus Computing Corp. Voice: (617) 229-4980
8 New England Exec Park We are Microsoft. Fax: (617) 229-2969

6951. manual for pro-39

Newsgroup: rec.radio.scanner
Date: 1994-07-27 17:52:53 UTC
From: prager@mdd.comm.mot.com
Message-ID: <3166tl$1b3@fh18c.mdd.comm.mot.com>
Source record: 271252
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I just a line on a used pro-39. Does anyone have a manual that they
would be willing to copy and share with me?

Of course I'd be willing to pay whatever expenses are needed.

Are operation manuals or mod manuals available via ftp?

How about channel tables?

==========
David Prager (W)206-487-5837
Motorola (H)206-485-4397
Wireless Data Group
19807 Northcreek Parkway
Bothell, WA 98011 prager@mdd.comm.mot.com

6952. Re: IC-R1? AOR1500XLT? TC2500? *ACK!!!*

Newsgroup: rec.radio.scanner
Date: 1994-07-27 18:12:13 UTC
From: erikm@hub.parallan.com
Message-ID: <3ew5Pc1w165w@hub.parallan.com>
Source record: 271271
Cross-posted to: rec.radio.scanner,rec.radio.shortwave

Dan Berry <dberry@bookstore.ualberta.ca> writes:

> Alright, I admit it, I'm a dreaded newbie. I've been trying to follow the
> discussions about some of the better equipment, and I'm thinking of buying
> one of these:
> - Icom's IC-R1 (no SSB[?], .1-1300MHz, full continuous)
> - AOR's AR1500XLT (SSB, .5-1300MHz, 1000 ch. continuous)
> - Trident's TR2500 (SSB, .1-1300MHz, 62 ch/s, CPU controllable)
>
> I want to do a variety of recieving with whichever I get, but I'm
> concerned
> about the _quality_ of the recievers. Just starting out, I have no idea.
> I've heard that the IC-R1 & AR1500XLT are very good, but haven't heard
> anything about the TR2500 and was mainly intrigued by wanting to have some
> CPU control; I was hoping one of the tasks I would be able to do with it
> is
> some form of automated RTTY'ing (Weather Faxes, Morse, etc.). Mind you,
> portability is nice and opens the door to a wider variety of enjoyment,
> but
> I'll have to wrestle with these demons when the time comes.
>
> I want to keep the price down around $400-$450 U.S., as much as I wouldn't
> mind a $1000+ rig. :-)
>
> The other thing is, seeing as how there's bound to be lots of American's
> importing unblocked international/Canadian scanners, where is there a
> cheap/reputable place to order equipment in Canada?
>
> Thanks a lot if you can help me on this.
> --
> Dan Berry
> Technical Support / Network Administrator
> Bookstore Computers
> University of Alberta, Edmonton

Concerning "cheap" places in Canada for unblocked scanners, I went to
Dubberlies on Davie in Vancouver BC recently. Looks like a quality
shop, but the prices for the Yupiteru MVT 7100 was extravagant, in
the order of $CDN 900. Add to it GST and PST, and the price gets
to be over $ 1000. Definitely not "cheap", as the radio was selling
for $US 495 before the law was passed.

Erik

6953. Re: CAN MOTOROLA PORTABLE BE USED AS A SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 18:17:16 UTC
From: joeh@connected.com
Message-ID: <3168bc$snh@hebron.connected.com>
Source record: 271251
Cross-posted to: rec.radio.scanner,alt.radio.scanner

parikh,dharmesh d came off saying that::

: I have Motorola Microtac Ultralight cellular phone.
: Can that be used as a scanner ?

No, but you can get the Tri-corder upgrade.

--
/============================> KB7WAI <================================\
> Joe Hamelin (joeh@connected.com) Tampico, Washington, USA, Earth <
> "Without love in the dream it will never come true" -Hunter/Garcia <
\===/

6954. Re: Hospital Chatter?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 18:22:34 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CtM31p.1Gs@nntpa.cb.att.com>
Source record: 271254

In article <3160ev$9pr@netnews.upenn.edu> Soren wrote:

>Apart from just listening to interesting things, are scanners really
>_useful_?
>--
>Soren Ragsdale
>Scanner newbie, but making good time...

I found a battery operated scanner *very* useful before, during, and
after a tornado which killed 26 people and wrecked my barn a few years
ago. There was no warning broadcast on AM/FM radio or TV, but I heard that
the tornado was coming about 2 minutes before it hit me by listening to
the county sheriff. We didn't have electricity restored until 12 hours after
the tornado.

In winter, I find the mobile scanner good for learning which rural
roads are closed. Same thing during heavy rains and flooding.

Since local newspapers and radio/TV doesn't provide thorough nor accurate
coverage of events in my area, I rely on the scanner to find out some of what's
happening -- while it's happening or by taping transmissions and playing
them back later.
--
==
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6955. Pro-51 Bands

Newsgroup: rec.radio.scanner
Date: 1994-07-27 18:32:12 UTC
From: Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <31697c$lc3@netnews.upenn.edu>
Source record: 271253
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Just got a list of bands that the Pro-51 will scan (officially without mods).

29-54 Mhz
108-136.975 Mhz
137-174 Mhz
406-512 Mhz
806-824 Mhz
851-869 Mhz
896-956 Mhz

Is this missing anything really crucial? Which bands are opened up with the software mod? Does anyone have the actual key combination for modifying it?

6956. Pro-51 Bands (longer)

Newsgroup: rec.radio.scanner
Date: 1994-07-27 18:43:27 UTC
From: Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <3169sf$lq6@netnews.upenn.edu>
Source record: 271255

By my figurings, here's a breakdown of the bands that the pro-51 can and cannot scan:

(If someone has information on which bands are opened up with the modification, let me know.)

Recieves (unmodified)

29-54
A 30- 50 mobile radio services
B 50- 54 amateur

108-174
C 108-136 aeronautical (AM)
A 138-150 US Govt / amateur
A 150-160 mobile radio services / maritime / railroad
A 162-174 various, mainly US Government

406-512
*A 400-420 US Govt
B 420-450 Amateur / military radar
A 450-470 mobile radio services, etc
B 470-512 TV ch 14-20 / public safety in certain cities

806-824
B 806-824 mobile radio services (mobile freqs)

851-869
A 851-869 mobile radio services (base)

Will not recieve (unmodified):

54- 88 TV ch 2-6 (WFM)
88-108 FM broadcast (WFM)

174-216 TV ch 7-13 (WFM)
B 216-225 maritime / mobile / amateur
C 225-400 miltary aeronautical (AM)

512-806 TV ch 21-69

824-849 cellular (mobile freqs)
C 849-851 aircraft phone (mobile freqs) (AM)

869-894 cellular (base)
C 894-896 aircraft phone (base) (AM)

A minimum requirement
B desireable
C aero bands use AM, available only in better scanners

6957. YUPI MVT7100 for Sale in USA

Newsgroup: rec.radio.scanner
Date: 1994-07-27 18:44:45 UTC
From: tirsch@pipeline.com
Message-ID: <3169ut$s2h@pipe2.pipeline.com>
Source record: 271190

For Sale:
YUPI MVT7100, nicads, charger, earphone,cigarette adapter,whip
antenna,
austin condor flex antenna, vinyl case.

I'll pay for UPS COD shipping.

US $550.

6958. Re: Car shows up as 32

Newsgroup: rec.radio.scanner
Date: 1994-07-27 18:49:55 UTC
From: dmunroe@vcd.hp.com
Message-ID: <CtM4B7.DzB@vcd.hp.com>
Source record: 271264
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <1632300013@cdp>, Dick Dillman <ddillman@igc.apc.org> wrote:

>Other abbreviations used by SFPD dispatchers include:
>
>IFO - In Front Of (a particular address)
>PAS - Premesis Appear Secure (often pronounced Premise)
>PASE - Premesis Appear Secure from the Exterior
>GOA - Gone On Arrival
>MEH - Mission Emergency Hospital
>T&O - Transfers And Orders (Typically by the wagon unit)
>PCO - Parking Control Officer
>Special - Patrol Special Police Officer

I listen to Security at Washington Square mall (464.475 MHz) which can be
very interesting at times. The more common abbreviations are:

UTL - unable to locate
DB - dead battery (i.e. customer has a dead battery and needs a jump)

rsa - where: r = { W (white), B (black), H (hispanic), A {asian) }
s = { M (male), F (female) }
a = { C (child), J (juvenile), A (adult) }

e.g. WMJ = white male juvenile

One thing you immediately notice is that they're right on top of any suspected
gang activity. They maintain a database of license plates of "suspicious"
cars and of cars of people that have caused problems. It's common to hear them
call in the plate on a car that looks like it might be a druggie's or gang-
banger's car. Once, the person monitoring one of the roof mounted TV cameras
radioed to a mobile unit that a low rider was coming up the south access road.
Sure enough, about 10 seconds later I spotted a little Nissan, lowered and with
tinted windows, cruising by. The mobile unit came up about 100 yards behind
him and read off the plate (the guy must have great eyesight).

Last month someone stole some expensive boots and they put out a description
of the guy and had everyone looking for him. I was just sitting in the lot
and figured, "hell, I'll look for him too". I drove around a bit, hoping I
could spot the guy. I didn't find him (and neither did they), but it would've
been amusing if I could've called Security and given them the location and
plate number of the guy they were looking for. Let them figure out how I knew.

-Dave

6959. Re: Pro-51 Bands

Newsgroup: rec.radio.scanner
Date: 1994-07-27 18:50:16 UTC
From: Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <316a98$lq6@netnews.upenn.edu>
Source record: 271257
Cross-posted to: rec.radio.scanner,alt.radio.scanner

By my figurings, here's a breakdown of the bands that the pro-51 can and cannot scan:

(If someone has information on which bands are opened up with the modification, let me know.)

Recieves (unmodified)

29-54
A 30- 50 mobile radio services
B 50- 54 amateur

108-174
C 108-136 aeronautical (AM)
A 138-150 US Govt / amateur
A 150-160 mobile radio services / maritime / railroad
A 162-174 various, mainly US Government

406-512
*A 400-420 US Govt
B 420-450 Amateur / military radar
A 450-470 mobile radio services, etc
B 470-512 TV ch 14-20 / public safety in certain cities

806-824
B 806-824 mobile radio services (mobile freqs)

851-869
A 851-869 mobile radio services (base)

Will not recieve (unmodified):

54- 88 TV ch 2-6 (WFM)
88-108 FM broadcast (WFM)

174-216 TV ch 7-13 (WFM)
B 216-225 maritime / mobile / amateur
C 225-400 miltary aeronautical (AM)

512-806 TV ch 21-69

824-849 cellular (mobile freqs)
C 849-851 aircraft phone (mobile freqs) (AM)

869-894 cellular (base)
C 894-896 aircraft phone (base) (AM)

A minimum requirement
B desireable
C aero bands use AM, available only in better scanners

6960. Re: Pro 2026 image problems: do you have?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 18:53:37 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-270794113938@earl.llnl.gov>
Source record: 271256

In article <thooker.42.00085F95@psl.nmsu.edu>, thooker@psl.nmsu.edu (Tracy Hooker) wrote:
>
> I recently purchased the Pro 2026, the 100 channel mobile scanner from radio
> shack. I liked its small size, and the attractive price (135 mail order). I
> have been using it for a little over a month, in a medium sized city, and in
> the county. My observations are that the radio has absolutly NO image
> rejection. I do not believe that it even has front end filters, judging from
> the complexity inside the case!
>
Yes, the radio has severe image problems. I have lots of radio pager and cell band interference. It still manages to do what I need for $135.

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

6961. My $.02 on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-07-27 18:53:43 UTC
From: jksmith@platypus.atd.ucar.edu
Message-ID: <316afn$9mv@ncar.ucar.edu>
Source record: 271267

Owing to an operator error :-), I sent my original response to a post from someone who claimed that attempts to restrict what signals can be scanned are being done by "Fascists/Communists" to the sender rather than to the Newsgroup. Unfortunately, I no longer have his/her original message, but it contained a statement that said something to the effect of "If it crosses my property, I have the right to intercept it."

I have a few thoughts regarding this line of thinking:

1) As I understand it, property rights extend only to land and the buildings on it. They don't extend to the air above it or minerals beneath it, or in many places even to rivers flowing through it. Therefore, are radio transmissions sent through the air actually crossing individual property?

2) By this sort of reasoning, anyone would have a right to tap into any phone line that crosses their property.

3) If I dropped a $20 bill and it landed on someone's property, do they have a right to claim it? After all, I don't "own" the $20 bill, it was issued by a government agency, the Federal Reserve.

4) Why is it that the same people who insist that the government is always trying to take away THEIR rights give absolutely no considerations to anyone else's rights. Allowing individuals to monitor confidential conversations is probably worse than allowing the government to do it.

Jeff Smith

P.S. I apologize to the person who received a flame that was not intended to be personal.

The opinions expressed are mine and do not necessarily reflect those of my employer.

6962. Re: Pro 2026 image problems: do you have?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 18:56:06 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CtM4LI.1u9@nntpa.cb.att.com>
Source record: 271260

In article <thooker.42.00085F95@psl.nmsu.edu>,
Tracy Hooker <thooker@psl.nmsu.edu> wrote:

>I recently purchased the Pro 2026, the 100 channel mobile scanner from radio
>shack..... My observations are that the radio has absolutly NO image
>rejection..... I have also noted that the radio is basically
> useless when doing a search in an RF rich envionment. It stops
> on a frequency, makes funny noises, and has
>terrible intermod problems....

>I do not know if RS will take it back, but I am going to try. I am going to
>look at the Bearcat 760. It looks to be almost the same outside, but I am
>hoping the higher cost will include more design effort and a better product.

Buy a PRO-2006 instead.

I owned three Uniden/Bearcat 760xlt scanners. You will find
the 760xlt behaves the same way as your Radio Shack (Uniden-made)
PRO-2026.

My 760xlt is used indoors, with an indoor antenna. Its sensitivity to intermod
precludes using an outdoor antenna. I exploit the 760xlt's ability to receive
images. My scanner has a TV audio image on 470.3125, so I programmed it
for 2 * 10.85 + 470.315 instead.

I like the 760xlt when used within its limitations, but would have
preferred 200 instead of 100 channels.
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6963. Mods going in soon!

Newsgroup: rec.radio.scanner
Date: 1994-07-27 19:01:40 UTC
From: lasix@netcom.com
Message-ID: <lasixCtM4ut.3LC@netcom.com>
Source record: 271261
Cross-posted to: alt.radio.scanner,rec.radio.scanner

I just received my Pro-43 Service Manual and will soon undertake the "holy Mods". I once saw an interesting post on CServe that someone re-wired the light button (useless and painfull) to the keylock switch (simple on and off toggle). I never saw any follow-ups on that post. Any ideas floating around out there?

Patrick
lasix@netcom.com

or

LASIX BBS
(818)892-5477
--

Patrick Springer
Sysop LASIX BBS
(818)892-5477
4804 Laurel Canyon Blvd. #132
Valley Village, CA. 91607
lasix@netcom.com

6964. Radio idiosyncrasies

Newsgroup: rec.radio.scanner
Date: 1994-07-27 19:08:17 UTC
From: magnet@nRCHs022
Message-ID: <316bb1$gr2@corpgate.rich.nt.com>
Source record: 271259

Oh Great monitoring enthusiusts,

I have noticed a lot of postings regarding the R1 in a somewhat less than favorable light. I would NEVER trade my R1 for any other radio!

I would like to make one very important observation. Due to my LARGE scanner appetite, I have been exposed to more than one scanner of the same model. This includes the R1, Pro 43 and others. I have noticed that the R1 AND the Pro 43 DIFFER in their quality from unit to unit.
The Pro 43 has in my experience, the GREATEST varience.

--
brad.glidewell@nt.com
... Don't use a big word when a diminutive one will suffice.

6965. Anyone know David Wills?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 19:19:29 UTC
From: Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <316c01$ol8@netnews.upenn.edu>
Source record: 271269
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I'm looking for a fellow named David Wills. He's interested in scanning and possibly ham radio. He doesn't owe me money or anything: he actually does a radio show that I really like. I'd just like to know his whereabouts (I think he lives in the Berkeley area) or if he's got an Email account.

Thanks.

6966. Re: 2006-battery low

Newsgroup: rec.radio.scanner
Date: 1994-07-27 19:44:57 UTC
From: horak@convex.com
Message-ID: <horak.775338297@convex.com>
Source record: 271263

In <CtK364.BCp@freenet.carleton.ca> aa666@FreeNet.Carleton.CA (Margaret McCurdie) writes:

>My Pro 2006 started beeping the battery low indicator - backup battery.
>I replaced the 9 volt with a new one and get the same thing after it has
>been running for a while. Any one have this experience? I guess I'll
>have to have it serviced.

Althought I doubt this is similar to your problem, I did have a similar problem. When I was installing some "mods" to my 2006, I was drilling holes in the back of the unit. I didn't take the advice to add tape to the drill bit to prevent it from entering too far into the unit once the hole was drilled. I plowed right into the circuit board busting up a few parts. One of them was the battery backup diode. It allows the 9vdc backup once the 12v is off. When I replaced the diode I inadvertantly reversed it. I took my 2006 camping with me but noticed I kept loosing all my memories when power was removed. Then, I got a low battery indicator. When I went to replace the battery, it had exploded. That's when a little investigation revealed that since the diode was reversed, I was *charging* my alkaline :-) while 12vdc was applied and had no power when 12vdc was removed. Eventually, my alkaline leaked while I was charging it :-) giving me the low battery indication.

David

6967. Re: Rat Shack Freq Counter to find Tx Freq?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 19:50:04 UTC
From: wwhitby@aol.com
Message-ID: <316dpc$3ve@search01.news.aol.com>
Source record: 271266

In article <1994Jul27.165437.13118@news.csuohio.edu>,
mike@garfield.csuohio.edu (Mike Mayer) writes:

>However, this unit could be modified (I did it, it works) to have a hold
button.

Could you e-mail me the mod for adding a hold button to my Radio Shack
frequency counter?

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

6968. Re: Radio idiosyncrasies

Newsgroup: rec.radio.scanner
Date: 1994-07-27 19:58:59 UTC
From: Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <316ea3$rpk@netnews.upenn.edu>
Source record: 271265

In article <316bb1$gr2@corpgate.rich.nt.com> Brad Glidewell,
magnet@nRCHs022 writes:
>The Pro 43 has in my experience, the GREATEST varience.

Does this variance occur all over, in that a bad radio is a bad radio, or
does a radio that's "bad" at 100Mhz do well at 900Mhz and vice-versa?

6969. Re: Hospital Chatter?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 21:21:20 UTC
From: jackson@longlast.cs.nyu.edu
Message-ID: <316j4g$qco@thecourier.cims.nyu.edu>
Source record: 271210

Wonderful people at HUP, my gf recovered from a coma there for over
a year.. nice to hear from you.

155.385 will give you all Pennstar comms from dispatch until it lands
on your roof (you are a level 1 trauma center), including patches for
when it goes to a non-standard location. 155.220 will give you Medevac
inflights going to Hahnemann and Camden as well. Unfortunately, you
also hear *very* boring hospital stuff on 155.220 as well. Stick with
Pennstar.

155.235 and 154.145 are the fire dispatch freqs and the police freqs
reside between 453.05 and 453.95.. you can do a range search between
those limits to find the exact channels. 453.15 is the City Hall area
and 453.55 is the "M Mary" channel reserved for big time emergencies or
when the officers select the wrong channel in their cars. You'll usually
hear a high speed chase or shooting within a few minutes of tuning in
453.3 or 453.35 at night. Especially in districts two-five or eighteen.

I used to keep a large map of Philly when I lived there and put a blue
pushpin for a police incident and a red one for a fire/rescue incident.
That got depressing real quick.

I use the radio as a tool while driving in bad weather. In the worst case,
I had to change my route four times in one night because of road-closing
accidents (last Christmas Eve when we had the really bad ice storms).

I've had undesirables steer clear of me because of the radio, and I've
had drunks threaten to pound me on South Street, being a "dumb pig". It's
also fun(?) to know where a cop is racing to when s/he speeds by you
with full sirens and light show, or how far away they are if YOU called
and need help of some sort.

Useful? Eh.. I'd say it's a tossup. Addicting? In a New York second.

Especially once you punch in the Pennstar freq.

|> I work in the University of Pennsylvania hospital. What might I find
|> interesting around here? Does anyone know the specific frequencies?

|> Apart from just listening to interesting things, are scanners really
|> _useful_? For instance, getting police reports on traffic or finding out
|> which parts of town aren't a good idea to go into at night because of
|> crime. Scanners sound fun as a toy, but if they could help me out as
|> well that'd be better.
|>
|> --
|> Soren Ragsdale

|> Scanner newbie, but making good time...

--
Steven Jackson, Assistant to the Chair of Computer Science
Courant Institute of Mathematical Sciences, New York University
251 Mercer Street, NY NY 10012

Work <-- (forwarded) Home
jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

6970. Re: Rat Shack Freq Counter to find Tx Freq?

Newsgroup: rec.radio.scanner
Date: 1994-07-27 21:31:46 UTC
From: tai@cypress.West.Sun.COM
Message-ID: <316jo2$joo@abyss.West.Sun.COM>
Source record: 271175

please email me too. Thanks!

--- Chris Tai Chan

In article 3ve@search01.news.aol.com, wwhitby@aol.com (Wwhitby) writes:
> In article <1994Jul27.165437.13118@news.csuohio.edu>,
> mike@garfield.csuohio.edu (Mike Mayer) writes:
>
> >However, this unit could be modified (I did it, it works) to have a hold
> button.
>
> Could you e-mail me the mod for adding a hold button to my Radio Shack
> frequency counter?
>
> Warren Whitby
> wwhitby@aol.com
> 73s de KE4ITL

6971. Re: Lite music at 821.25 ?!?!

Newsgroup: rec.radio.scanner
Date: 1994-07-27 22:23:23 UTC
From: chea0009@gold.tc.umn.edu
Message-ID: <CtME49.Ktu@news.cis.umn.edu>
Source record: 271274

AndyCl168 (andycl168@aol.com) wrote:
:>It's probably a commercial muzak system.

Please pardon my ignorance, but what is a MUZAK system? Is it a kind of subscription channel?

Someone at CA email me that he received the same thing at 9xx.xx feqs., two channel next to each other. Would it be nice if you could listen those music while traveling through states in US. Can we make a list of the feqs. with all states :)

I am kind of like the music they are playing, very relaxing. Wish my boombox at home and car radio can receive them as well. Right now I just turn my handheld scanner into a radio at night, however the speaker from the scanner isn't very good though.
--
With best regards. | Kong-Kin.P.Cheang-1@umn.edu
| ~{V#8U=!~}
|
| University of Minnesota, Mpls.

6972. Re: McDonald's Freqs (WH

Newsgroup: rec.radio.scanner
Date: 1994-07-27 22:41:16 UTC
From: af546@yfn.ysu.edu
Message-ID: <316nqc$1m8@news.ysu.edu>
Source record: 271176

Try looking up WNUF-275 callsign......For the VHF band the fcc has authorized
unlimited BUSINESS ONLY to all business frequencies for the purpose of
radio demonstration and/or signal propagation.

On the FCC licence no exact frequency is states just the following.....

25.00000-50.00000 MO 20KOF3E 30 WATTS

150.00000-174.00000 MO 20KOF3E 30 WATTS

450.00000-470.00000 MO 20KOF3E 30 WATTS

806.00000-821.00000 MO 20KOF3E 30 WATTS

.........All within a sixty mile radius of the licensee

And to get on of these baby's , you don't need to go through NABER coordinating
just fill out a 574 and zip it directly with $35.00 to the FCC.

For those people who like collecting commercial radios etc, it's a nice
wall piece.
--

6973. Re: AOR8000 in Shortwave Magazine

Newsgroup: rec.radio.scanner
Date: 1994-07-27 22:51:49 UTC
From: ligosa@pipeline.com
Message-ID: <316oe5$l2t@pipe2.pipeline.com>
Source record: 271273

Hey Mike,
Nice to hear from you.
thanks for the info.
By the way, any thoughts on the AR8000 yet ?
let me know

Chris..

6974. TV Audio heard over entire spectrum

Newsgroup: rec.radio.scanner
Date: 1994-07-27 23:04:05 UTC
From: svecz@Rosie.UH.EDU
Message-ID: <316p55$klt@masala.cc.uh.edu>
Source record: 271177

Hello. I just purchased my first scanner this past weekend (a Radio Shack PRO-43) and am having quite a bit of fun exploring the 'airwaves' with it. One strange thing that I have noticed is that I can hear the audio portion of the broadcast from the local telivision channel 20 at many places over the entire spectrum (all the way from 30 to 999 MHz). In some spots, I pick it up as often as 3 times per 10 MHz frequency increment. Can anyone explain this?

- Dwight Ritums dritums@uh.edu

P.S. I live in Houston, TX.

P.P.S Where would I find lists of police frequencies for Houston, TX?

6975. Re: Boat Races!

Newsgroup: rec.radio.scanner
Date: 1994-07-27 23:20:53 UTC
From: parnass@nwsf.ih.att.com
Message-ID: <CtMGut.423@nntpa.cb.att.com>
Source record: 271272

st louis drag boat assn, sports
[usa-wide]__________ 151.9250_____ka95890 (govt rcds)
" " 151.9550_____ka95890 (govt rcds)
--
==========
Copyright 1994, Bob Parnass, AJ9S
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

6976. Wanted, Kenwood RZ-1 mods

Newsgroup: rec.radio.scanner
Date: 1994-07-27 23:45:25 UTC
From: Tom WB7ASR <tom_boza@ccm.hf.intel.com>
Message-ID: <316rll$k8h@chnews.intel.com>
Source record: 271184
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.equipment,rec.ham-radio.misc,alt.radio.scanner

Does anyone have "any" mods for the Kenwood RZ-1 scanner?
If so, I would appreicate copies of them.

Thanks, Tom WB7ASR...
tom_boza@ccm.hf.intel.com

6977. Re: NYC info

Newsgroup: rec.radio.scanner
Date: 1994-07-27 23:48:07 UTC
From: jim4dice@aol.com
Message-ID: <316rnn$7qk@search01.news.aol.com>
Source record: 271199

In article <CtKJuB.BI1@dorsai.org>, goetz@dorsai.org (Lawrence_Goetz) writes:

>Other than 162.55 mhz for the weather, are the any news or other type of >info or "shows" on the air the a scanner can pick up?

You're not going to pick up "shows" as such on the frequencies which most scanners will receive. However, there are a few places where you might find various types of info.-related transmissions.

If you try the 2 meter amateur band, you will likely hear some ham nets covering different subjects. They're not "shows," but a good deal of info on many different topics is exchanged during the nets, which are usually held weekly. There are a few scanner nets that can probably be heard in the NYC area. I haven't heard the first one of these here on L.I., but if it's still operating, you can likely here it in NYC. The second does cover the NYC area even though it's on L.I., and you might also be able to hear it where you are:

Mon., 8 p.m. NY DX, Scanner & SWL net - 146.880
Tues., 8 p.m. Monitoring L.I.Sounds Scanner net - 146.805

You can frequently pick up traffic info during rush hours by listening to the frequencies the copters use to transmit their reports to their stations. These are found in the 450-51 and 455-56 MHz area (WCBS traffic copter uses 451.0875).

Of course, there are also all the P.D. frequencies (in NYC most are 470-72 and 476-78 MHz.) which not only offer interesting listening, but can also be sources of info. at times.

Some scanners can also pick up TV audio.

Jim Fordyce
j4dice@aol.com
Coram, NY

6978. pro-51 Mod Needed!

Newsgroup: rec.radio.scanner
Date: 1994-07-27 23:48:40 UTC
From: Soren Ragsdale <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <316roo$fb9@netnews.upenn.edu>
Source record: 271185

When I buy a pro-51 this Friday, I'd like to know how to modify it for cellular so I can check the unit in the store. Apparently some new ones don't have the cellular band in the test frequencies. I checked the FAQ site for it with no luck. Does anyone have it? It's a software mod that was in the July issue of Monitoring Times (maybe that's the title; I'm still new at this).

Thank you!

6979. Re: Best Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-07-28 01:03:14 UTC
From: wa2ise@netcom.com
Message-ID: <wa2iseCtMLLE.991@netcom.com>
Source record: 271180

In article <313s0n$nr5@netnews.upenn.edu> Soren Ragsdale
<soren_ragsdale@path1a.med.upenn.edu> writes:
>
>Actually, I wasn't looking for as much incriminating evidence as just
>good stories. Changing the names to protect the innocent ought to be OK,
>right?

change the names on the guilty, too :-)

6980. Wanted Uniden 200 xlt

Newsgroup: rec.radio.scanner
Date: 1994-07-28 01:40:51 UTC
From: msaran@olympus.net
Message-ID: <3172b3$8ou@olympus.net>
Source record: 271178

I am looking for a 200xlt cell restored for under $150.00.
Please send email if you have on that you would like to sell.

-Thanks
--
Mark Saran
msaran@olympus.net

6981. Re: All bands vs. Discone (was Re: Discone antenna)

Newsgroup: rec.radio.scanner
Date: 1994-07-28 01:51:27 UTC
From: finster@zeus.fasttax.com
Message-ID: <finster.249.2E370F1F@zeus.fasttax.com>
Source record: 271179

In article <19940725.164518.877@vnet.ibm.com> pdennis@vnet.ibm.com (Phil Dennis) writes:
>From: pdennis@vnet.ibm.com (Phil Dennis)
>Subject: All bands vs. Discone (was Re: Discone antenna)
>Date: Mon, 25 Jul 1994 20:45:18 GMT

>I was considering an all band antenna to put in my attic. Problem
>is that I really have no way to "ground" it. The question is, do
>I really NEED a good grounding connection or what? Any help
>would be appreciated.

It really depends on the antenna design. You should ground your radio's chassis for best results. I'd recommend spending a few books on antenna design. Go buy some wire and whatever supports you need, and build something. You will save money in the end (maybe), and learn much that will benefit your enjoyment of the hobby.

I found a lot of great pointers to information here, but little actual information. What little actual information is here, I've discovered was stolen from other books on the subject.

Enough of my rant. Here is my 2 cents worth.

Get a copy of Bill Cheek's "Scanner Modification Handbook", parts 1 and 2. It will be the best $30 - $40 bucks you spend. (Grove has them together at a $29.95 deal, and Taylors Bookstores will order them at $17.95 each.)
Volume 1 - ISBN# 0-939780-11-9
Volume 2 - ISBN# 0-939780-14-3

Buy the books. Bill worked hard for his info, and deserves to get paid for it.

If you don't like Bill for some strange personal reason (he seems like a nice guy), get a copy of the ARRL handbook, or the ARRL antenna handbook. Or find some other excellent book on your own, and tell me about it..... I don't know everything, and love to learn more.

Enough of my rant. Here's a good antenna design I promised.

Take a standard 300-to-75 ohm Balun (The one on the back of your TV that converts 75 ohm coax to 300 ohm flatlead). Take some wire (14 to 20 guage, solid if possible).

Cut one wire 18 inches long. Cut the other wire 48 inches long. Solder one end of each wire to a lead on the flatlead from the balun. Hang straight up and down on a wall, and thumbtack it up. Screw a short piece of TV coax on the other end of the balun, and use the correct adapter to connect to your radio.

The offset feed-point in the dipole is what makes it wide-band. This is basically the same design as the Grove "Omni" antenna. (At least from the picture I saw of an "Omni", haven't seen one in real life.) Different lengths will give different results. Equal or nearly equal lengths will make the antenna more narrow-banded.

Ok, before people start jumping on me, it's a 75 ohm impedance, not the "correct" 50 ohm. I'm using about 4 feet of feed line, and it doesn't seem to matter at all to *my* radio. Also, I'm using 16 guage speaker wire, and I left the plastic on. It's stranded, so it should perform worse than the same guage solid wire.

To sum it up, the above described antenna works better than my $25 radio shack ground plane. MUCH better. The ground plane antenna doesn't pick up squat below 100 Mhz. The offset dipole picks up CB (27Mhz) loud and clear. It has better S/N ratio at 900 Mhz than the ground plane. (my ears being the S/N ratio meter) They seem about equal in the 400 - 500 Mhz range. The good point is that it's small and fits nicely in my one-bedroom apartment. It is cheap enough to allow *LOTS* of experimentation with different length ends. (I built mine for free from junk in my closet.)

As I said before, like everything else I seen here, this is information stolen from another source. Bill Cheek's book in particular. I don't think he has a patent on offset dipoles, so I have shared it with you. Enjoy and good health. If you find another cool antenna design, please tell me about it.

-- Dave

6982. Re: FTP site for Freqs

Newsgroup: rec.radio.scanner
Date: 1994-07-28 01:58:17 UTC
From: moujesky@rnbwpnt.lonestar.org
Message-ID: <768_9407281100@rnbwpnt.lonestar.org>
Source record: 271087

To: david@roth-music.com wrote:
Subject: FTP site for Freqs

DAR> Is there an original single public domain source which can
DAR> be made available via FTP? Like a government document that
DAR> is available?

Not public domain, but the U.S. Department of Commerce National Technical Information Service makes the databases of FCC license information available on microfiche, magnetic tape, and diskette. Currently they are not planning on making it available on CD ROM.

I understand that there are also services that make these databases available for search and retreival, but don't have a source on those yet.

Later...

6983. Re: Lite music at 821.25 ?!?!

Newsgroup: rec.radio.scanner
Date: 1994-07-28 02:13:10 UTC
From: andycl168@aol.com
Message-ID: <31747m$afp@search01.news.aol.com>
Source record: 271182

In article <CtME49.Ktu@news.cis.umn.edu>, chea0009@gold.tc.umn.edu (Kong-Kin P Cheang) writes:

>Please pardon my ignorance, but what is a MUZAK system?

a supscription system for elevator or grocery store music.

Andy

6984. Re: My $.02 on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-07-28 02:14:06 UTC
From: andycl168@aol.com
Message-ID: <31749e$agc@search01.news.aol.com>
Source record: 271183

Jeff, you're dead on. But the guy you're responding to is in alt.radio.scanner.

Andy Clark

6985. Re: Freedom of Information Act?

Newsgroup: rec.radio.scanner
Date: 1994-07-28 02:38:02 UTC
From: Todd_Heckaman@aardvark.bah.rochester.ny.us
Message-ID: <0005FD52.fc@aardvark.bah.rochester.ny.us>
Source record: 271219

Try taking a look at this file... It should help
** Via the Aardvark Burrow BBS - 1-716-383-1372**

(This file must be converted with BinHex 4.0)
:%d0TG'PkC@jc)%C258%J4h9TC'8!9%9B9(4dH(3!N!-"DBN!N!4r48%J3fPdDAT
PER-J4h9TC'8JEfiJ9A0TEQFJG'KP)%CbC@9NEfdJEfBJ5@jQEh*YBA4TEfiJ3@0
d)'&ZC#"dD'808(*TGQ&MH5!J3@0d)#"[CL!a16Fd)(4[)&*PFA9PFh3J4fpfCA*
ZE@9ZG#"5C@0[FQ4c$3dJ-6!bEQ3J3fpZCh*PFh-0$5")Eh9cC5"5CA"[FR3Z)$%
`-Lda0$B0$8TeE(NJ-6!X)$%j16%0$80[E@eTG(4PC#"dEb"dD'8J3fpYE@PdG'9
P)'pQ)(4SC5"AD'pXC5")Eh9cC5"[EL"dD'8J8h4KG'8JEfBJG'KP)&9ZD@pZ$@&
ZC#"[FQ4PFQ9N)(4[)'*P)("bD@jdC@30$90`EfjcEh)k)%eb,L"$EfjjCA*c,#"
QFQpY)(4SC5"$EfeYDA4dC@8JEfiJ4fpfCA*ZE@9ZG#"2F'9bBA4TEfjc,!ecG@*
YDA4dC@3JG'KP)'C[E'a[GfPZCcS0$8C[GA*dD#"5CA"[FR30$80[EQCPFQ9ZBf8
J8Q9`Eh*d$3dJN!0LBA0PC#"[EL"K)(0dG@4j)'*j)(4SC5"REhCPFQjYC@jd)'P
ZCQpbE@&dD@pZ,#"UGA0dD@0P,#"KEQ30B@GbD@0eE(4eFQ8JFh9LBfpYE@PdG'9
P$C!$)*!$6fiJ5R9ZC5!b0L`J-6Nj-5`JG'KP)%0[E@eTG(4PC5"[EL"(EhCPFQj
YC@jd)%p`CA*KG'P[ER-JBA"`FQpfC@30B@jN)'&NEh"dC@3JB5"bCA"[FR3JC@j
dDA4XC@3J)N%J3fPdDATPER-J4h9TC'8JEfiJ9A0TEQFJG'KP)%CbC@9NEfdJEfB
05@jQEh*YBA4TEfiJ3@0d)'&ZC#"dD'8J)&"bDACKBhNJ)%&MG#"[CL!a16Fd)(4
[)&*PFA9PFh3J4fpfCA*ZE@9ZG!e5C@0[FQ4c,L)J9'KP)'0SB@PbE@&Z)(GKFb"
NDA*PBh4PC#"dEb"dFQ&ZFfeTG#"K)'0[F(NJG'mJG'KP)&0`C@&VCA)0EfBJG'K
P)%K[GA0P,Jd0)*!$55iJ8(*PCQ&MC3d0)*!$5@iJ-6Nh0b`JG'KP)%K[GA0P)%0
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dC@3JE@&ZH5"dD@ePFb"KEQ3JGfPNC@aj)'4TFh4bD@*eG'9N,L"8D'808h9`CA*
TER4PEQ4PER3JEfBJ4'pMG@ePER4c)'&d)(4SC5"(EhCPFQjYC@jd)&"bD@jdD@j
R)%pQCQPMC5"bCA"[FR4PC!edD'&d)'&XE@pcG#!e-#``N!-JBfp`D@9c)(GPFQ8
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PFQ80C'PcG(*TBR9dC@3JBRNJG'KP)%K[GA0P)%0[E@eTG(4PC5"[EL"(EhCPFQj
YC@jd)%p`CA*KG'P[ER-X)%ePE@*PFR-JEfB03fpZCh*PFh-X)(4SC5"$EfjRFQ9
cFfP[EQ&X)&*PFf9KFQ0S)&0PFRCTBf8X)'&ZC#"[G'KPFL"QC@4PFQ&X$@&RC@j
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YEh0d)(GTC'9XH5"bC@&N$@0[EQGbCA0cD@pZB@`JBfpYE@PdG'9P)(*PF'pbG(-
JD@iJD'PcG'pbH5iJ)%%J3fPdDATPER-J4h9TC'8JEfiJ5'ph)(4[$99cC5"dD'8
J4R*PC@4[E5"[CL"*EQC[FQeKG'P[EL""Bh3JB@jN)(4SC5!J8(*TGQ&MH5!J3@0
d)'PZ)&*PFA9PFh4TEQF04fpfCA*ZE@9ZG#"%Ef0eE@9ZG(-X)%K[GA0P)&*PF'p
bG#"1EbiJ168Y0cNf,#!j0A4S)%0[EQFZ,#!aFh3J8f9cFbi0+$%j0cFT,Jd0)*!
$5@iJ-6Ni0b`JG'KP)%0[E@eTG(4PC5"TFh0eC@3JB5"bCACTFf9N)%0TG'PkC@j
c)%GeD@4P,L"8D'8JEQ9h$@9NDA4TEfiJGf&c)("bCA"KFQ9N)(4[)(*PCQaPBh3
JBfKKEQGPFb"dEb"dD'8J4R*PC@4[E5"[CL"*EQC[FQeKG'P[EJe"Bh3JE@&NC5"
NGA*TEQFJ-6Ni0LiJ3A-JB5"bCA0eE(3JEfBJFh"PBfPKE#"PCQC[FR4c)'*j)(4
SC3e6GA"PFQPZG'9ZC'9ZG#"[CL"%Ef0eE@9ZG(-JBA3JG'KP)%G[GQ9bEQePER3

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TC'8JGf&c)(GPE'`JF(9LE'PMDATPC#iJ9'KP)$%j1$FJC@4TG'P[EJeKF("PBA*
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h+5i0$5#3!d4eFQPZCb"dD'8J-6!`G'JJ3fpZCh*PFh-X)'eKDQpb)'&YC@jNE@9
ZG(-JGf9bC5"YB@4P)(4[)(4SC3e3FQPfB@0j)#""Bh3JEfBJ-6Nh0#iJ9'KP)%0
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J-6Ni1#!JB@4NC@3JEQ9h)("bEhCTFfP[ER-JG'mJG'KP)#"3FQPfB@0j)#""Bh3
JB@jN)'0SB@jRC@30Ff9fCA*KE#"PH'PcG'PZCb"bCA&eDA*PE@9ZG(-Z$3dJN!0
1EfjP)'pQ)(4SC5"MD'&ZCf9c)'&QCQ9MG(-JB5"MDA4THQ9ZFb"bD@GSG(-JG'm
JFQ9aG@9cG#"[FL"cC@80FQ9MEh*NFb"SC@aN)'*j)'CPC'9bB@`JB@GPEQ0TCA-
Z)%K[Gf9fCA)X)(0[E@8JEfBJG'KP)'PZCQpbE@&dD@pZ)'PZ$A4SC5!a16Jh)%G
eD@4P)'*PBf&YC5"[GA4NBA4PC#"KFb"K)(*PFh9XG#`JB@jN)'%JG'KTFQ3JC@4
TG'P[EL"hBA-0DA0cG@9N)'PZ)$%j1$NZ)#"3G@*XD@-J6'&h)$%`-#de-$-Z)%%
J3fPdDATPER-J4h9TC'8JEfiJ9A0TEQFJG'KP$8CbC@9NEfdJEfBJ5@jQEh*YBA4
TEfiJ3@0d)'&ZC#"dD'8J)&"bDACKBhNJ3@0d)'pQ)$%j0c3J9'mJ8Q9aG@9cG!e
(EhCPFQjYC@jd)&*PBfpbC(-X)%K[GA0P)&*PF'pbG#"1EbiJ)$%`-5da16-X)$%
`-A0d)%0[EQFZ,#!aFh3J8f9cFbi0+$%j1$NT,Jd0)*!$4(9bD@jR)(4SC5!a-$&
cG#"$EfjRFQ9cFb`JG'KP)#"3FQPfB@0j)#""Bh3JEfBJ-6Nh0#"hBA-JB@ePEQ4
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ZCf9c)(4[)(4SC5"'6dP"$@&ZC#!J8(*TGQ&MH5!J3@0d)'eKC'8JG'KbEh9RD#"
dD'8JC@jN)'pQ)$%j16!Z)%eTEQpb)'9NDA4[FQPKE#"MD'&ZCf9c$@KKGQ8JB@a
cEb"LC@9Z)'eKC'8Z$3dJN!0*55iJ5@jdFQpNG@0dD@pZ$3dJN!4")("[F(9XBA)
J4fpfCA*ZE@9ZG#"hDA4SEh9d)("[F(9XBA)JD@jQEh*YBA4TEfiJEh)JG'KP)'e
PB@jc)'pQ$@&MFA9TFQPZCb"TG#`JDA-JBR9d)'%J8(*[E'pRG@8JG'mJB5"'BA*
MC5"[FL"K)&4bB@GPC(NJEh)JF'9bD'&`F`eLEh4S,L!J5fj[GfaPC'GP)(GTE'`
JCQpbCACPFL"REhCPFQiJD@GZEh*KEQ0P,#"KEQ3JB5"`C@p`E'8JGfK[)'ePB@i
0G'mJBQ8JG'KPDA)JEhGZ)%G[GQ9bEQpbFb`JEA9cG#"KFQdJG'KPEA0PE(CPFb"
hDA4S)(4SC5"`EhGPFL"VEQphE'9NCf80CfPfCA-Z)%TKE@9c)%eKC'PcEfiJ)%a
PG(4PFL"dEb"A,P3Z)%*KFR*j,#""G@GeFh3J0#`J-6Jb-L`JD@iJ4bj3,Je)G@j
d,#"PC#iX)%PB)&4SC5"AFQPdD@jRFb"[CL"+B@ePFb"0B@4TFfpZ)$%`-b!S-6N
a-#NZ$3dJN!48D'8J3fpYE@PdG'9P)(GTFfKPFb"dEb"KBfYZEhGXC@4RC5"dD'8
JBA0cDA0dB@jMC5"[CL")BA*[E'3J3bi08Q9XH@9K,#"6F'9MD@&XDA0d,#""E@9
bD@0KEL"1BA4TEfjKE#"(EhCPFQjYC@jd,#"(EhCPFQjYC@jd)%4TGQPcD@pZ,!e
$EfjRFQ9cFfP[EQ&X)&*PFf9KFQ0S)&0PFRCTBf8X)'PZ)(4SC5"`FQ9`BA*KG'P
[EL"[CL"dD'Pc)(*PF'pbG#i0$5#3!e4SC5"'FQ9PC'pY)'pQ)%PZCQpbE@&dD@p
Z)%&MG#!S4Np*35NJCA0dB@*XDA0SCA-JB5"`FQ9cG@e`G'P[EL"dD'&d$A*PBfp
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JD@iJ-6Nf0L`JG'KP)'*eFQ4PEL"hBA-JEfiJG'KP$@PZC'PfD@4eB@`JG'mJCA0
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```
bC(-Z$94SCA*P)(GPFQ8JEQmJFh4KG(9dEh*j)'GeD@4PE'PZCA-JEh)JF(*[Bf9
NGA*PFb"dEb"SC@a`)'%JF'9bFfpZ$A0PC@YTEQFJD@jQEh*YBA4TEfiZ)#"8D'9
bC5"hCA*P)'j[)'TeC'PMD@&X)(*PE@9ND@9c)'C[FL"dD'pcC5"NC@jTC@30B@0
MCA0c,Jd0)*!$9fPdD#"dD'8JF'&cFf&RC5"[CL"dD'8J4Np*35`JG'KP)'*eFQ4
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JEQph)'KKFb"dEb"UGA0dD@Cj)(4SC5"ZC@9N)'C[FL"cC@0bC@0j,Jd0)*!$9'K
P)%C258%JFf9dFb"cG'&ZC'&bC(-JCQpb)'4PG'9bE@PZD@jR)(GSD@0S)(*PBfp
bC(-JEA9cG#"LC3eNDA0ME'pcC@3JB@jN)(GSD@0S)(*PBfpbC(-JBf&Z)'*P)(G
TG'KSC@aN,L"8D'8JE'&h)'&XFfmJF(*[GQPNCA-0B@4YD@jTFh4bBA4TGQ8JB@j
N)'TeC'PMD@&X)(*PE@9ND@9c)'C[FL"dD'pcC5"NC@jTC@3JB@0MCA0c)(4[$A*
PBfpbC(-Z)%&LEhCP)'&XE#`JG'KP)(0dBA4eG'8JFQ9aG@PbCA-JCQ9NCA*KE#"
KCf9ZBfPPFb"dEb"`FQpfD@4P$A4SC5"QG@aXCA0d)("[Fh0TBQaP)'4TFf0XEh0
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JFQ9MEh*N)'YPCA"TEQFJB@jN)'4TFf0XEh0eFQ80F(*KBh4TBf9c,L"8D'8J3@0
d)'&XE'phFb"YEh0d)'PZC'PfD@4eB@ac)(4[)(0PC@XJB@0MCA0c)(4[)'CPC'9
bB@`0B@GPEQ0j)(*PBfpbC(-JB@*[GA3JG'KPEA0PE(CPFbiJ9'KP)%&MG#"bCA&
eDA*PFb"dD'&d)("PFR0[EQ&X$@PZCQpbE@&dD@pZ)'PZ)'&RC@jMH5"QD@aPFb"
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SC5"bC@0[FQ3JB@jN)(4SBA3JD@jQEh*YBA4TEfiJCf&dD'9bC@3JCQpb)'pZC3e
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S)(4SC5"'6dP",#"dD'808(*TGQ&MH5!J3@0d)("bEhCTC'9c)'0TGQPX)(*PE@9
ND@9c)'C[FL"TEQ4TGQPNG@&XFb"hD'pcC5"bD@GSG(-JD'&fC3eLC@9Z)(CTEfa
KG'9N,Jd0)*!$3@j[G'KPFL"TEA"[FR4KER3JCQ9KG(9bC5"[CL"dD'8J)&"bDAC
KBhNJ)%&MG#"TFb"dD'8JFQ9aG@PbC@ePER30G'KKG#"PB@0S)'CPC'9bB@`JB@G
PEQ0j)("eBQaTFfJJB5"NCA0MFQP`G'P[EL"[CL"PB@0S)(0jFh4PE5"[CJebC@0
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JFQ9cG(*TBh4c)(4SC5"NDA0ME'pcGA*P)'pQ)("PFR0[EQ&XE(N0D@4PER4TCQP
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TG'JJG'KP)%C258%X$A4SC5!J8(*TGQ&MH5!J3@0d)("PFQeTG(-JC'PcBfa[Fh9
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c,Jd0)*!$9fKTE'8JBQpdD#"dD'8J4Np*35"KEQ3JG'KP)#"3FQPfB@0j)#""Bh3
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```

```
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```

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Q)(4SC5"KCf9ZBhNJC'9PEA-JDA3JEQ9MCA0cBA*j,L""EJeKCf9ZBhNJEQpbE@&
XE(NJFQ9fD@9hFb"YC@4TBf&X)(*PBfpbC(-JFQ9aG@9cG'9N)'*j)'&Z)'PZC'P
```

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X,Jd0)*!$0#iJ6'PdD@GKG'P[EL"5C@0[FQ4c$3dJN!08D'8J)&"bDACKBhNJ)%&
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```

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cEb"LC@PZCb"YB@4P$A9ZC'9b)(4SC5"'6dP",L"8D'Pc)'Pc)'PYF'pbG'&ZG#"
LC@0KGA0P)(4SC5"'6dP")'GbB@jdFb"bCA&eCA0dCA*c$A0dBA4eG'pbH5"KF("
PB@`JFQPRD(4c,Jd0)*!$8f9MEfjN,#"K)#"3FQPfB@0j)#""Bh3JBA"`C@&X)'a
PG(4PFL"cD'peE'3JD@4PER4TCRNJG'KP)'4PEQPKE!edD'&d)'Pc)'*PD@jR)'&
`F'9KE'9N)'&ZC#"dD'8JFQ9MEh*NFb"dD'&d)(GPFQ8JGfPdD'KPE'3Z)&4SC5"
KF("PB@`0E'9dG'9b)(0SEh9XC#"KE(0[)'9iF'aKD@iJGfKj)(4SC5"NC@jTB@`
JEfBJB@0MCA0c)(GKFb"TEA"bEh"PFL"[FJeeEQjPBf9cFf&bH5i0$5#3!e4SDA*
N,#"dD'8JBA"`C@&X)(0SEh9XC#"TEQ0XG@4P)(4SC5"bCA&eCA0dCA*c)'jKE@8
JB@jN)'&NC(*PFh-Z)%Pd$@Pc)'%JCfp[C#"`FQ&MG'PMC5"QEh)JB5"bCA&eCA0
dCA)JG'mJB@acEb"TEQ0XG@4P)'%JG'9XCA"SEfjP)'jeE@*PFJehD'9Z)'eKDfP
ZCb"KEL"KF("PB@`Z$3dJN!0"F("PEQ4TH#!a)'PZBfaeC'9c)'%JFf&YF'aP)'a
PG(4PFL"[CL"KF("PB@`Z$3dJN!0*,L""E@9ZC'PZCb"bC@0[FQ4c)(9ZC'9b)(4
SC5!JF(*TGQ&MH5!JB@0d$3dJN!08D'8J)&"bDACKBhNJ)%&MG#"RFQ&ZG(-JB@i
JD@e`Eh*dB@jd)(*TCfKd)'PZ)'&NC'PdD@pZ)(4[)(4SC3eKBQPXDA4j)(4[)'P
ZFh"PBh3JFQ9MEh*NFbiJ9'KP)%&MG#"`CA*YDA4c)'&Z)'PZC'PfD@4eB@`JG'm
JFQ9aG@9cG#"K$@0[FR*PBh4TEfiJEfBJB5"bC@0[FQ3JG'KKG#"TFb"ZEh3JB@0
MGA*KG'8X)(*PE'9fB@jd,#"dD@ePE(NX)'pb$@0[EA"XCA4P,L"8D'Pc)(*PE@9
NH5"KE'a[Gh-JB@iJD@jNDACTC(9KE#"dEb"MEh*bC@0d)'9bFQpbFb"KEQ3JG'm
0F(*PGQ9ZG#"TEQ0[FR*PBh3JD@jQEh*YBA4TEfiJCR*[E5"LC@PZCb"NDA0cC@e
TEQ&dC@3JBRNJG'KP)'&RC@jMH5"[FJeeFf9N)(9ZCQ&TFQaj)'&RB@PZFh3JG'K
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JCAKdC@jNFb"[EQaj)(4[)(*PBfpbC(-JFh9LDQ9MG#"dE`edD'8J8(*TGQ&MH5!
J3@0d,L""E(0[,#"KEL"TEQ4TGQPNG@&X)'0KEL"[EQaj)'0[FR*PBh3JCA*bEh*
c)'0[ER4KD@jPC!eTEL"K)(*PBfpbC#"dD'&d)("PFR4KD@jc)(4[)'KTEA0PE'B
JEh)JD'9bFf9XCLiJ8Q9MEh*NFb"NDA0ME'pcC@30G@jNCA)JG'KP)%C258%JBf&
ZEQpd)'*P)'&YC@jNC@3JG'KbEh9RD#"dD'8J)&"bDACKBhNJ)%&MG#"eEQaPFh-
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JF'9[F'aP)'0KEQj[G#"LC5"KE@9ZC'9N)(9ZE'9cFb"dD'8JFQ9MEh*NFb"KFQ8
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MEh*bC@0dD@pZ,Jd0)*!$35"bCA&eCA0d)(4[)'&YC@jN)'%JFQ9MEh*N)(0SEh9
XC#"LC5"TEL"hFQPdD@jR,L""Cf9ZBhNJFQ9RG@aKG'P[ER-0CAK`E'&TEL"dD'8
JF(*[Bf9NGA*P)'PZ)'GbC@&dCA)JC'9dB@PX,#"LGA3JG'KP)("bEf0PFh-JDA-
JEQpd$@0[EA"XD@0KG'9N,L"")'aPG(4PFL"bCA&eCA0dD@jR)'&Z)'&YC@jNE@9
ZG#"[CL"K)(*PBfpbC#"hD@aX)'j[FQeKE'aj$@*P)'&NC(*PFh0PC#"dEb"dD'8
J)&"bDACKBhNJ3@0d)'pQCQPMCA)JEfBJG'KP)'&RC@jMH5"[FL"dEb"dD'8JB@G
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JG'KP)(*PBfpbC#"cHA0dC@d0BfpZG'&TEQPZCb"dD'8JCA*bEfjPEh9c)'PZCQp
bE@&dD@pZ,L"8D'8JC@jfC@a[F'8JBfpZG'&TEQPZCb"dD'80FQ9aG@9cG#"cD'p
eE'3JBQ8JE@&bDf9N)#)J8(*TGQ&MH5!J3@0d)%&YC@jNE@9ZG#"5CA&eCA0d)L"
[EL"dD'8JE'phCA)0E'9QG#"MEh*ZCA)Z$3dJN!08D'9bC5"KFQ8JCQPfC5"LBA0
TBb"PE'9YC@jdFb"dEb"K)(*PFA9PFh3JCQpb)'&YC@jND@jR)'%J)&"bDACKBhN
03@0d)(*PBfpbC#i0$5#3!dCTFR0d,#"dD'8JE'9dG'9b)(0SEh9XC#"cG'&dC5"
dD'&d)'Pd)'Pc)'%JFQ9aG@9cG#"dEb"KE@9ZC#"K$A*PBfpbC#"eEQ4PFL"dD'8
J)&"bDACKBhNJ)%&MG#"[CL!a16Fd,Jd0)*!$8f9MEfjN,#"dD'8JFQ9aG@9cG#"
cD'peE'3JD@4PER4TCRNJG'KP)(0`C@0TCQPM)(*PBfpbC#"KEQ3JG'KP$A0`C@0
TCQPM)'PZCQpbE@&dD@pZ)'PZ)(4SC5"bC@0[FQ3JCQpb)(GSD@0S)'&Z)'&YC@j
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[G@aN)(0dBA4P)(GSH5"dD'8JD@jQEh*YBA4TEfiJDA-JEQpd)'&MBh9bBA4P,!e
```

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JG'KP)(*PFA9PFh3JFfK[G@aN)(0dBA4P)(GSBA3JEQ9h)'pb)'&NC'PdD@pZB@`
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P)'pQ)(4SC5"PFR*[EQ9[GA-JD@jQEh*YBA4TEfiZ$89fD@4PEQ0P)'pQ)(4SC5"
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[G@aN)'*P$@PZBfaeC'9N,L"*CL"dD'8JD@jQEh*YBA4TEfiJD@iJG'KP)'CTE'8
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JB5"REfpN)'PNC@%JCQpb)'%JFQ9aG@9cG'9b)(4[)'PZBfaeC'8JB5"dC@aPF'K
[EQ80ER9YBQ9b,Jd0)*!$3A"`C@jNDAJJ-5"TEQ0XG@4PFb"K)(0KEA"XC5"XCA4
dCA)JFQ9aG@9cG'PZCb"KE@9ZC'ePER3JEfBJB3e3FQPfB@0j)#""Bh3JFQ9MEh*
N,Jd0)*!$5LiJ3A"`C@&XFb"KEQ3J8Q9aG@PbC@ePER4c)%C[FL""Cf9ZBhNJ8Q9
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b)'&YC@jNE@9ZG#"eEQ4PFL"dD'8J)&"bDACKBhN03@0d)'eeFh3JB@0VEQphE'9
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cD@jR)(4[)'&YC@jN)(4SC5"bCA&eCA0d1b"KEQ3J+$-T)(4SC3e`FQpMC@4eFQ9
c)'C[FL"bCA&eCA0dD@jR)'%JFQ9fD@9h)'pQ)(4SC5"NC@jTB@`Z)&4SC5"KCf9
ZBhNJEA9cG!e`FQpfD@4P)(4SC5"ZB@eP)'&ZC#"LGA0TEQ9cFb"KC'4bCA0c)'p
Q)(4SC5"[CQCTBfPKE#"bCA0`EfjcD@*XC5"QEh)0BfpZC(9MG'PZCb"dD'8JFQ9
fD@9h,Jd0)*!$3@iJB@GPEQ0j)'eeFh3JC'9MD@4P)'&Z)'&`F'9KE#"[CL"K)'4
PEQPKE#"[CL"K)(*PFA9PFh3JCQpb$@&YC@jNE@9ZG#"hDA4SD@iJG'KTFR4j)'4
KHA-J+'9iBfaeC'PZCb"6BA4eFQ4KHA-X)&0eEQ4KHA-X)'&ZC#"XC@GKE!eSEfa
TC'&jFbNX)(9ZE'9cFb"dD'8JG'PYC5"`CA*TEf3JDA-JCAKdC@jNC@3JBRNJG'K
P)'&RC@jMH5"QEh)JCfp[C!eMBA9cC5iJ5@BJG'KP)'&`F'9KE#"TFb"RFQ&ZG'9
N,#"dD'8JFQ9MEh*N)(GTE'`JBQ8JBfpbFQ9MG'9N,Jd0)*!$5@BJG'KP)'&`F'9
KE#"TFb"NC@jTC@3X)(4SC5"KCf9ZBhNJEA9cG#"TEQC[FQdJG'KP)(*PFA9PFh4
PFL"[CL"dD'80FQPRD(3JG'mJDR9ND@0TB@`JFQ9fD@9h,L"*EL"KC'4TG'P[EL`
JB5"bCA&eCA0dCA)JGfK[Ff8JBA"`C@&X)'KKF`eLC@9Z)'4PEQPPC#"KE(0[)'K
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cC3ecG'&dC@ePER3JEfBJC'PcB@GbC@9YC@jd)(GTG'JJG'KP)'PZCQpbE@&dD@p
Z)(4SBA3JGf&c)(4SC5"cG@*UC@0d)'pQ$A4SC5"bCA&eCA0d)'C[FL"KE@9ZC'e
PER3Z$3dJN!0AD'9Z)'%JFh4KG'9YC@jd)'pQ)'4TFf&RFQ9PE@9ZG#"SBA-JBQ9
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TEfiJB@jN)("bEhCTC'8JBfp`D@9c)'pQ)(4SC5"cG'&dC@ePER3JEfBJC'PcB@G
bC@9YC@jd,L"8D'80B@GPEQ0j)'eKH5"KE(0[)'PZBfaeC'8JB5"MEfjMDA0P)(0
dBA4PE@9ZG#"[CL"TG(-JFQ9KFfpZFb"QEh)JEQpd$@eKDfPZCb"dD'8JFQ9aG@9
cG'9N)'&YC@jNE@9ZG(-Z)&4SC5"KCf9ZBhNJEA9cG#"KE(0[)'GTGQ8JB5"MEh"

```
j)'pQ$A4SC5"cG'&dC@ePER3JEfBJC'PcB@GbC@9YC@jd)(4[)'&ZH5"`CA*cEfi
JEh)JB@GPEQ0j)(4[)(GSEfdJG'KP$A*PBfpbC#"SB@3JF(*PGQP[GA0XH5"LC@9
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fCA)JB@iJB@GPEQ0j)'4PEQPPF`eKBf0PFh-JG'mJB5"bC@0[FQ3JEh)JFQ9QGA0
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RC@jMH5"TCL"dD'8JB@GPEQ0j)'CKD@ac)(4[)'eKD@jdB@PZ)(*PBfpbC(-JGfP
dD#"KBf0eFQ&MH5`0FQ9XCACKEQ0P,#"dD@ePE'PZCA0c,#"KEQ3JBfpYF'aPG'9
ZCA0c)'&c)'Pc)'jPBf9cFf&bH5"dEb"KFh0eFQ80CQ&TFQjPFh-JD@iJB@jj)'&
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YD@jKG'P[EL"dD'&d)'Pc)'&NGQ9bFf8JG'mJG'KP)'PZC'PfD@4eB@`Z)%&Z)'P
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KD@ac)(4[)'0[EA"XH5"hDA4S)'&ZH5"[G'KPFJdJ8(*TGQ&MH5!J3@0d)("bEhC
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d)'*P)'CTE'9N$AGTG'KTEL"dGfmJH@9KFR-JCR*[E5"dD'8JC'&dC5"[EL"hD'P
MD#"dD'8JBQ&cDA-JCQpb)(4SC5"XBAGcG@Pd$@&bEh0P,Jd0)*!$6@pcG#"TEQ4
TGQPNG@&XFb"bCA&eDA*P)(4SC5"KFh0TFh4KEQ0P)'pQ)'&Z)'&dG'pbEQ9j)(4
[)'CTE'8JB3eUG@4TBfPKE#"KF("PB@`Z)%&Z)'PZC'PfD@4eB@`JGfK[)'CTE'9
c)'%JE'&hFh9TG#"KEQ3JFh9LFh4KER4TB@aXH3e`FQ9fB@PXFb"YBANJBQ8JBAG
KFQ4PC#"bC@&cEfjKBQaP)'&dG'pbEQ9j)'CPCA-JB@jN)'aTG'PRBA4TEfiJBfp
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JB@*XC5"dEb"SB@jNE'8JG'KPDA)JEhGZ$@&`F'9KE#"hDA4SEh9d)'&Z)'&dG'p
bEQ9j,L!J8fPZBf8JG'KTFb"TFb"ZEh3JB5"XDA4TCf&dD@pZ)'GeD@4P,!eNCA4
KD@ac)'&LEh9d)(4SC5"UG@4TBfPKE#"KF("PB@`JF(*[Bf9cFb"SBACP)'j[G#"
LC@9Z)'PZBfaeC'9N,Je"ERP[EQ8JBfpZFfPNCA*TEQFJCQPXD@jR)'&Z)'&`F'9
KE#"MB@iJBQ9RD@iJBRNJFQ9fD@9hD@jR)(4SC3e`FQpfDA0TEfjc)'pQ)(4SC5!
J8(*TGQ&MH5!J3@0d)'pZ)'0TGQPX)(*PE@9ND@9c,L"6C@8JEQpdC5!b-#i06L`
!!!!!:
```

6986. Re: Code Grabber

Newsgroup: rec.radio.scanner
Date: 1994-07-28 03:13:44 UTC
From: slee@netcom.com
Message-ID: <sleeCtMrMw.HB1@netcom.com>
Source record: 271186

Does anyone know where I can get this device from and how much is it. I would think I would be fun to play around with.

--
****
Sherwin Lee
slee@netcom.com or slee@eis.calstate.edu
****

6987. Re: Pro 2026 image problems: do you have?

Newsgroup: rec.radio.scanner
Date: 1994-07-28 04:07:13 UTC
From: Piran Mohazzabi <pmohazzabi@delphi.com>
Message-ID: <RY0wjw5.pmohazzabi@delphi.com>
Source record: 271211

Tracy Hooker <thooker@psl.nmsu.edu> writes:

>have been using it for a little over a month, in a medium sized city, and in
>the county. My observations are that the radio has absolutly NO image
>rejection. I do not believe that it even has front end filters, judging from
>the complexity inside the case!
>
>Here is an example: While on a trip to Arizona this week end, I began
>recieving airline chatter on a local police channel. The frequency I was
>tuned to was around 157 MHz, but I was hearing airlines. So I tuned down into
>the air band by subtracting twice the IF frequency from the 157 channel, and
>there it was. Airline traffic.

Ihave bought my PRO2026 about amounth ago and I do not have very much trouble
You may have bought the earlier model, which power cord has permanently
attached to the radio, I have heaerd those earlier radio had some problems.

6988. Regency MX 4200

Newsgroup: rec.radio.scanner
Date: 1994-07-28 05:04:43 UTC
From: "Stu Hanson"
Message-ID: <317e9bINN3ra@news.gac.edu>
Source record: 271209

Anyone provide a information on a good repair shop where I can send my MX4200 for repair.
Please respond by email to sdhanson@gac.edu
Thanks in advance.

Stu Hanson

6989. Re: TV Audio heard over entire spectrum

Newsgroup: rec.radio.scanner
Date: 1994-07-28 05:16:17 UTC
From: mulligan@ACM.ORG
Message-ID: <317ev2$s1t@hopper.acm.org>
Source record: 271187

svecz@Rosie.UH.EDU wrote:
> ... a Radio Shack PRO-43 ... I can hear the audio portion of the broadcast
> from the local telivision channel 20 at many places over the entire spectrum

This is the result of a compromise in the design of the triple-conversion receiver. The (strong) ch-20 TV signal reaches the 2nd mixer through the case. The result is an image that repeats every 3.2 MHz across the spectrum, with the main effect in the upper frequencies. You could try shielding the case.

/* barry /&

6990. Re: Antenna question

Newsgroup: rec.radio.scanner
Date: 1994-07-28 05:31:46 UTC
From: erobins@peruvian.cs.utah.edu
Message-ID: <317fs2$q4i@magus.cs.utah.edu>
Source record: 271188

In article <313mi5$6s0@owl.csrv.uidaho.edu> saund891@raven.csrv.uidaho.edu (Mike Saunders) writes:
>I've got a magnetic mount cb antenna. Would this work well on a pro-39
>handheld scanner? Are there any problems or comments on doing this?
>Thanks.
>
>--
>**********
>* Michael Saunders *
>* Mechanical Engineering Dept *
>* University of Idaho *

It'll work fine. You will probably notice stronger signals on the VHF-lo band (30-200 mhz).

If you're trying to pick up transmitters less than 10 miles away you probably won't notice any difference between it and the rubber duckie. If you want to get stuff further away and don't frequent parking garages it might be the way to go.

6991. Re: TV Audio heard over entire spectrum

Newsgroup: rec.radio.scanner
Date: 1994-07-28 05:53:56 UTC
From: erobins@peruvian.cs.utah.edu
Message-ID: <317h5k$q54@magus.cs.utah.edu>
Source record: 271189

In article <316p55$klt@masala.cc.uh.edu> svecz@Rosie.UH.EDU writes:
>One strange thing that I have noticed is that I can hear the audio portion
>of the broadcast from the local telivision channel 20 at many places over
>the entire spectrum (all the way from 30 to 999 MHz). In some spots, I
>pick it up as often as 3 times per 10 MHz frequency increment. Can
>anyone explain this?
>
>- Dwight Ritums dritums@uh.edu

This is commonly known as intermodulation (intermod). You must be close
to an antenna transmitting on channel 20 (how does ch. 20 come in on your
TV?) The signal is combining and 'beating' against the intermediate
frequency (IF) in your radio to produce an artifact that breaks the squelch.
Usually intermod is somewhat distorted, but it is usually understandable
if listened to carefully.

Intermod can sometimes fall on or near a frequency you want to hear.
The common solution to this problem is to attenuate the incoming
signal. This can be done by installing an inline attenuator or using
a different antenna (one resonating in a different band than the offending
signal). If the intermod is just strong enough to break squelch the
inline attenuator will soften it enough to allow you to scan the frequency
in the normal way, provided the signal you want to listen to is strong. If
the signal is weak the second solution is the way to go.

6992. Any Motorola HT Mods ?

Newsgroup: rec.radio.scanner
Date: 1994-07-28 06:24:01 UTC
From: ligosa@pipeline.com
Message-ID: <317iu1$s61@pipe1.pipeline.com>
Source record: 271191

Hi,
I know that the Motorola P-10 Handhelds are scanners but I
would appriciate an answer here anyway if you can

Does anyone no if and where I can get info. on any power
upgrading mods for this Unit ?

Thanks
Email to ligosa@pipeline.com or post here

6993. Camnis HSC-050 For Sale

Newsgroup: rec.radio.scanner
Date: 1994-07-28 06:26:56 UTC
From: ligosa@pipeline.com
Message-ID: <317j3g$s8s@pipe1.pipeline.com>
Source record: 271192

SUPER SCANNER FOR SALE (Handheld)

CAMNIS HSC 050 (Trident 2400)

100KHz - 2060 MGz Continuous, NO GAPS
SSB, CW, AM, NFM, WFM With BFO
Steps - between 1KHz -999 Khz
1000 Channels, 10 Search Banks
Programmable Delay/Hold Times up to 12 seconds
Back lit LCD display (lock ON switch)
To many features to list here.
Mint Condition in the box with all accessories

Ace Sells this unit New, WITHOUT cellular for $499.00

Mine receives full Cellular bands.
Asking $425 or BO
Call Chris at 718-642-1087
or Email - ligosa@pipeline.com
Compuserve 74722,3146

See HSC050.gif on Compuserve to see what it looks like.

6994. PRO-2026 LOST FREQS

Newsgroup: rec.radio.scanner
Date: 1994-07-28 06:50:14 UTC
From: jeff.wright@chrysalis.org
Message-ID: <9407280650.09LSN00@chrysalis.org>
Source record: 271201

Greetings:

I got up this morning, went to my truck and turned on the 2026, and it had lost all of its stored channels. This seemed really weird since the thing worked last night on the way home from work.

Anyone else had this happen to them? Anyone know what Radio Shack's repair/replace policy is?

Jeff.Wright@chrysalis.org

6995. Re: AOR8000 in Shortwave Magazine

Newsgroup: rec.radio.scanner
Date: 1994-07-28 07:38:14 UTC
From: schro@norton.sni.de
Message-ID: <317n96$k9m@nanette.pdb.sni.de>
Source record: 271195

In <CtK7tM.GGp@freenet.carleton.ca> ac184@FreeNet.Carleton.CA (Tim Murphy) writes:
> A full page add (left page) near the front of the most recent
>issue. This scanner looks incredible, and the display permits a
>fantastic amount of data to be displayed (4 line alphanumeric). Pick
>up an issue and check it out...now, if only we could get some actual
>performance specs. Price listed as 449 pounds (oof), but if this thing
>performs like it looks :^) I HAVE TO GET ONE!

The specs sound impressive, except for ...

1. Power consumptions. I can't remember the precise number but it needs
about 150mA while scanning. Wonder how long those NiCads will last.

2. SSB filter. I have a Yupiteru 7100 which comes with an SSB filter
about 2.5kHz wide and i often wish i had a narrow one. Now the
AR-8000 is said to have a 4kHz(!) wide IF filter. This will be great
if you want to listen to more than one station at a time :-)

Wait and see ...

73 Django
DL5YEC

6996. (none)

Newsgroup: rec.radio.scanner
Date: 1994-07-28 07:46:52 UTC
From: kcliao@UCI.EDU
Message-ID: <Pine.3.89.9407280023.A5571-0100000@e4e.oac.uci.edu>
Source record: 271193

[No readable article body recovered]

6997. Re: wireless bugs

Newsgroup: rec.radio.scanner
Date: 1994-07-28 11:53:19 UTC
From: rfhamilton@VNET.IBM.COM
Message-ID: <19940728.045640.702@almaden.ibm.com>
Source record: 271198

In <315smqINNomj@umbc7.umbc.edu> Mr. Henry Siemer writes:
>Anyone know where I can get a wireless bug that is easy to conceal
>and will transmit at least 100 feet and can be received on a
>scanner capable of 30-50, 147-174, UHF up to 512mhz.

FTP to site enlow.com and take a look at the file "catalog txt". There
might be something to fit your needs.

==
Bob Hamilton | Remember..The light that you see at the end
(rfhamilton@vnet.ibm.com) | of the tunnel just might be a train !
==

6998. Re: TV Audio heard over entire spectrum

Newsgroup: rec.radio.scanner
Date: 1994-07-28 11:54:55 UTC
From: mulligan@ACM.ORG
Message-ID: <3186af$cg@hopper.acm.org>
Source record: 271207

erobins@peruvian.cs.utah.edu (Everett Robinson) wrote:
> This is commonly known as intermodulation (intermod).
> ... installing an inline attenuator ...

Actually, the ch-20 problem in the PRO-43 is an image created at the 2nd mixer, not intermod. Since the offending signal arrives through the case, attenuating the signal from the antenna would just make the problem worse.

/* barry /&

6999. Re: Best Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-07-28 12:14:35 UTC
From: rfhamilton@VNET.IBM.COM
Message-ID: <19940728.053756.129@almaden.ibm.com>
Source record: 271208

>>Actually, I wasn't looking for as much incriminating evidence as just
>>good stories. Changing the names to protect the innocent ought to be OK,

Ok, I'll kick this off with a story... Heard a local police precinct dis-
patch a car due to a complaint of "suspicious van and occupants across
the street from complaintants house". The van has was reported to have
been there all day. This was followed shortly with an urgent order from
another unit to "stay away from the reported van, it is there on stake
out detail". This was repeated several times, each time with a little
more panic. Shortly, an extremely irate precinct commander called for an
immediate meeting, around the corner, with the stake out leader. Both
were adamant in not complying with the others request. It just sort of
ended at that point, obviously to be continued off the airways. You
usually don't hear this kind of bickering on the air.
==
Bob Hamilton | Remember..The light that you see at the end
(rfhamilton@vnet.ibm.com) | of the tunnel just might be a train !
==

7000. Re: pro-51 Mod Needed!

Newsgroup: rec.radio.scanner
Date: 1994-07-28 13:14:54 UTC
From: 10-89 <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <318b0e$5ih@netnews.upenn.edu>
Source record: 271200

In article <316roo$fb9@netnews.upenn.edu> Soren Ragsdale,
soren_ragsdale@path1a.med.upenn.edu writes:
>When I buy a pro-51 this Friday, I'd like to know how to modify it for
>cellular so I can check the unit in the store.

I got the mod fine. Haven't checked it out, but someone with a 51 says
that it works. Here's what I got, for the beneefit of those that haven't
hacked my mail :)

=-=

There is an interesting test mode in the PRO-51 that, combined with the
direct
search feature of the scanner, lets you pick up out-of-band frequencies.
You
will have full access to the 66-88 Mhz ranges as well as the cellular base
range of 869-896 Mhz.

Actually, there are several test modes in the PRO-51 (most of these
comments
should be true for any Uniden-made Radio Shack scanner, such as the
PRO-46).
I'll describe them first and then how to take advantage of one of them to
get
the restricted frequencies.

There are three data test modes. These modes completely destroy any
frequencies
you had programmed into your scanner, so it's best to use these techniques
before you program your scanner. If you have already programmed it,
you'll have
to decide if these new capabilities are worth reprogramming.

Test mode 0. Clear the scanner.
A well-known method of clearing the scanner to all zeros is to hold down
the 2
key, the 9 key, and turn on the scanner. All frequencies will be lost.

TEST MODE 1. Fill channels 1-25 with test frequencies.

Press the 2 key, the 9 key, the L/Out key, and turn on the scanner.

This fills channels 1-25 with these frequencies:

1 30.050
2 40.840
3 49.900

4 138.150
5 162.400
6 173.225
7 406.875
8 453.250
9 511.9125
10 108.500
11 118.800
12 127.175
13 135.500
14 66.450*
15 76.825*
16 87.425*
17 157.800
18 482.3625
19 29.000
20 54.000
21 806.000
22 857.200
23 888.96*
24 911.500
25 954.9125

* indicates not within the PRO-51's normal coverage. More on how to use these
in a minute.

TEST MODE 2. Fill channels 1-17 with test frequencies.

Press 2, 9, Manual

Fills channels 1-17 with these frequencies:

30.00, 40.00, 50.00, 140.00, 155.00, 170.00, 410.00, 460.00, 510.00, 54.00,
109.00, 118.00, 127.00, 135.00, 810.00, 860.00, 950.00.

There is also a display diagnostic mode.

Display Test Mode.

Press 2, 9, Band or 2, 9, Moni.

This put the display in test mode. Every annunciator and every digit element is
turned on in a scan from the left side of the display to the right. To keep
this test mode continuous, release the buttons before the first scan finishes.
This mode does not affect stored memory. Press any key to exit this display
mode.

Now, if you've decided to try test mode 1, you will find several out-of-band frequencies stored in your memory channels. Channels 14-16 hold frequencies in the blocked out 66-88 Mhz range, and channel 23 holds a frequency in the blocked out cellular base range. Once you have these frequencies stored in a memory channel, the PRO-51's direct search feature will let you search though these ranges. In the cellular band, the scanner searches in the correct 30 Khz steps.

You don't have to keep these frequencies in these channels. You can move them to any channel in the scanner. First move them to a monitor channel.

While on a channel with one of these frequencies, open squelch completely. Press direct search button, either up or down. The direct search button puts the scanner into search mode and the open squelch holds the frequency. Then press the Monitor button. The frequency is now in the monitor channel indicated in the display.

Now you can move it to any regular memory channel in the scanner.

Enter the channel number
Press PROG
Press Monitor
Press the number of the monitor channel if the proper channel is not displayed
Press E(nter)

The frequency is now permanently stored in the memory channel. You can do a direct search from this memory channel at any time.

The 66-88 Mhz range mainly covers TV audio. However, there is a strange phenomenon concerning TV audio and the PRO-51. Channels 4, 5, and 6 audio fall within the 66-88 Mhz range, yet the PRO-51 will not pick up the audio frequency while searching in this range. However, TV channel 2 audio is at 59.75 Mhz. When you add the intermediate frequency of 21.6 Mhz, you get an image of the TV channel 2 audio appearing at 81.35 Mhz. This does come in, although raspy, since the PRO-51 is receiving in narrow FM mode while TV audio requires wide band FM mode for proper reception.

I'd be interested in anyone can verify that any of these test modes work on the
PRO-46 or any other Uniden-made Radio Shack scanner.

The test modes I've described as modes 0 and 1 (clearing all channels and
plugging in test freqs in the first 20 channels) have been around since the
BC200XLT (I think also the BC100XLT). They also appear in the BC2500XLT,
although I couldn't find any other test modes in that scanner. The BC220XLT
allows you to do a display element test mode, but, unlike Jeff, I haven't
confirmed any other modes as I don't want to wipe out all my channels. I expect
that Uniden-made Radio Shack scanners will have at least these two modes and
may have the other modes as well. I'm hoping a PRO-46 owner will test this for
us.

I wish I could take the credit for coming up with this trick, although it's
ironic that I had all of the relevant info in my head...I just didn't put it
together.

The basis for this trick came from Glenn Cohen of Scanners Unlimited who was
told this by someone who walked into his store. Glenn confirmed it with Larry
Van Horn at Monitoring Times. I independently discovered modes 3 and 4, which,
to my knowledge, have never been published before.

I did find the display test mode works on the BC220XLT but didn't want to lose
all my memories to try the others. Thanks for biting the bullet and seeing what
happens on yours! Of course, without the RS direct search feature, the test
freqs in the Uniden-label scanners don't do much good.

7001. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-28 14:07:08 UTC
From: domonkos@access.digex.net
Message-ID: <ebwDkiubGAX8066yn@access.digex.net>
Source record: 271214

In article <netnewsCtLn4n.J5q@netcom.com>, Bennett Z. Kobb wrote:
> >August Monitoring Times has a full page ad by Ramsey Electronics that
> >features the scanner converter. It is legal for sale.
>
> How are you sure that such a converter is legal for sale. The fact that a
> company is selling it does not necessarily make it legal for sale. It could
> mean that Uncle Sam's attention has not yet turned to that company.
>
> I think converters should be allowed, but the FCC differs with me on that.
> Here's what they said in April of last year:
>
> "We recognize that frequency converter designs are typically not very
> sophisticated compared to those of scanning receivers, and that banning
> frequency converters capable of converting cellular transmissions will
> significantly increase the design complexity necessary for converters to comply
> with our technical standards. We further recognize, as several commenters note,
> that there are very legitimate uses for converters that convert 800 MHz and 900
> MHz signals down to lower frequencies. Even though the restrictions we proposed
> for converters will undoubtedly make it more difficult and expensive to
> purchase 800 MHz and 900 MHz converters for legitimate purposes, we believe the
> intent of the TDDRA leaves us no choice but to adopt them."
>
> Bennett Kobb

Restrictions apply only to FCC type accepted receivers. Too many folks
are missing this point. Kits are not FCC type accepted.

Andy

7002. Re: My $.02 on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-07-28 14:07:20 UTC
From: domonkos@access.digex.net
Message-ID: <dgwDkiubGIv5066yn@access.digex.net>
Source record: 271215

In article <316afn$9mv@ncar.ucar.edu>, Jeff Smith wrote:
>
> Owing to an operator error :-), I sent my original response to a post from
> someone who claimed that attempts to restrict what signals can be scanned
> are being done by "Fascists/Communists" to the sender rather than to the
> Newsgroup. Unfortunately, I no longer have his/her original message, but it
> contained a statement that said something to the effect of "If it crosses my
> property, I have the right to intercept it."
>
> I have a few thoughts regarding this line of thinking:
>
> 1) As I understand it, property rights extend only to land and the buildings on
> it. They don't extend to the air above it or minerals beneath it, or in
> many places even to rivers flowing through it. Therefore, are radio
> transmissions sent through the air actually crossing individual property?

What about inside? Certainly you view that differently.

>
> 2) By this sort of reasoning, anyone would have a right to tap into any
> phone line that crosses their property.
^^

That is an invasion of privacy. (According Dept. of Justice figures over
5 million wiretaps were in place last year).

>
> 3) If I dropped a $20 bill and it landed on someone's property, do they have
> a right to claim it? After all, I don't "own" the $20 bill, it was issued
> by a government agency, the Federal Reserve.
^^

This is an insult to a decent citizen's intellect. There's no comparison.

>
> 4) Why is it that the same people who insist that the government is always
> trying to take away THEIR rights give absolutely no considerations to
> anyone else's rights. Allowing individuals to monitor confidential
> conversations is probably worse than allowing the government to do it.
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
You don't object to the NSA doing it?

>
>
> Jeff Smith
>

> P.S. I apologize to the person who received a flame that was not intended to
> be personal.
>
> The opinions expressed are mine and do not necessarily reflect those of my
> employer.
>
>

Crossing property lines is one thing, what about entering your household?
It's this blind 'it doesn't affect me' attitude that is leading to the
restriction (loss) of individual rights. This cellular law is a precedent
in this country, never have we had any 'receiving' restrictions. This
law is contradictory to a 'true' democratic society.

If an individual is receiving a subscription broadcast w/out paying for
it that's a crime. Cellular calls are comm-links and interception does
not cause lost revenue. If privacy is an issue the technology for encryption
has been available from the start. Now that encryption will be incorporated
in future cellular carriers, the government will have the technology and
the right to intercept your cell-calls. How do you feel about that? What
will YOU do to stop it?

Pardon my cynicism. I worked as a consultant in the comm-interception
business and the bulk of my work was in receivers that had to perform
exceptionally in the cell-ranges. The majority of you folks who are not
regularly involved in this business will undoubtedly have different views.
I consider myself a moral citizen and have a hard time tolerating
the dual standard of 'do as I say and not as I do'.

I don't advocate cell-monitoring as a sole use of a scanner. It's the
continuing systematic loss of receiving liberties that is of concern...

Andy

7003. Re: Best Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-07-28 14:07:28 UTC
From: domonkos@access.digex.net
Message-ID: <73xDkiubGAGF066yn@access.digex.net>
Source record: 271216

Last night scanner excitement in the nighborhood hit an all time high.

Harford County , Maryland, was put on a tornado warning at 9:00PM. I heard this on the scanner and the local network TV station. At the moment of the alert the local county emergency dispatchers called all volunteers and regulars to their respective stations. My wife and I put some emergency supplies in a box (including scanner, and 2 Meter amateur handheld) and sat listening to the scanner.

By 9:30PM the surrounding towns had calls coming in on tornadoes ripping through neighborhoods. We noted the path of the storm was heading in our direction. By 9:45 the local fire/emergency dispatchers were sending mobile units to locations w/in a mile of our home. At that point the winds kicked up and we heard what we thought was a large jet passing overhead. My wife picked up our infant daughter and I grabbed our emergency supplies and two dogs and went to the basement. In between all the crashing of limbs and debris against the house we heard calls on the scanner of trees falling on houses within a block of our home. My wife had never before paid such close attention to the scanner traffic and this probably upset her more, especially since we were hearing our neighbors home addresses called out on the scanner for asking for assistance. I felt more relaxed (as relaxed as I could get, the adrenelin was pumping...) and was very impressed w/the swift responses of the emergency teams. Trees had crashed into homes, roads were flooded and drivers were stranded in their vehicles. The fire/emergency dispatches had been so well organized that it sounded more like a well orchestrated symphony. There was a minimum of confusion, I was picking up all the rescue units, even their hand-helds since they were in my neighborhood.

By 10:30PM the tornado warnings and storms had passed. We left the basement and went outside where the neighborhood was alive w/residents and rescue personnel. Large trees were down, some on houses, some in yards (I was one of the lucky ones). The path of whatever had ripped through the community was visible by daybreak. We all were very fortunate that only the dividing tree line between the back yard boundaries were affected (along w/collateral damage from falling trees). The emergency crews had cleared the community access roads by midnite.

I have to add that I was most impressed with the county/state police/fire and rescue squads. They left their families and were out in the peak of the storm responding to emergency calls and on scene w/in minutes. I have never witnessed such selflessness and now have an even greater appreciation for their work.

The weather bureau says we have another potential for serious weather tonight and tomorrow night. I hope not, I've had enough excitement for

a while!

Andy

7004. FAQ

Newsgroup: rec.radio.scanner
Date: 1994-07-28 14:18:43 UTC
From: an113259@anon.penet.fi
Message-ID: <142345Z28071994@anon.penet.fi>
Source record: 271204

I have seen countless requests for the FAQ for this group, and finnaly I
saw someone post a address. Problem is, I can't find it. I did find a
USENET listing of 100's of groups, though rec.radio.scanner wasn't listed.

anyway. can someone help me?

(Still looking for Moorhead State University, MN frequencies)

Fubar

To find out more about the anon service, send mail to help@anon.penet.fi.
Due to the double-blind, any mail replies to this message will be anonymized,
and an anonymous id will be allocated automatically. You have been warned.
Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

7005. Re: PRO-2026 LOST FREQS

Newsgroup: rec.radio.scanner
Date: 1994-07-28 14:20:52 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-280794071953@earl.llnl.gov>
Source record: 271202

In article <9407280650.09LSN00@chrysalis.org>, jeff.wright@chrysalis.org
wrote:
>
>
> Greetings:
>
> I got up this morning, went to my truck and turned on the 2026, and
> it had lost all of its stored channels. This seemed really weird
> since the thing worked last night on the way home from work.
>
> Anyone else had this happen to them? Anyone know what Radio Shack's
> repair/replace policy is?

Do you have the old version (20-148) with two wires attached to the back of
the radio or the newer version (20-148A) with a 12V jack on the back (and a
folding stand on the bottom)?

The newer version should hold memory for 14 days according to the manual.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

7006. Re: Pro 2026 image problems: do you have?

Newsgroup: rec.radio.scanner
Date: 1994-07-28 14:24:15 UTC
From: ross@novax.llnl.gov
Message-ID: <ross-280794072528@earl.llnl.gov>
Source record: 271203

In article <RY0wjw5.pmohazzabi@delphi.com>, Piran Mohazzabi
<pmohazzabi@delphi.com> wrote:
>

>
> Ihave bought my PRO2026 about amounth ago and I do not have very much trouble
> You may have bought the earlier model, which power cord has permanently
> attached to the radio, I have heaerd those earlier radio had some problems.

The later model (20-148A), also has severe problems.

Gary

The ramblings expressed above do not reflect the opinions of LLNL.

Gary Ross Ross@NOVAX.LLNL.GOV
Lawrence Livermore National Laboratory Rossman@eworld.com

NOVA Laser Operations Rossman@aol.com
P.O. Box 808, L-489
Livermore, CA 94551

7007. Re: PRO-2026 LOST FREQS

Newsgroup: rec.radio.scanner
Date: 1994-07-28 14:29:43 UTC
From: magnet@nRCHs022
Message-ID: <318fcn$18r@corpgate.rich.nt.com>
Source record: 271213

jeff.wright@chrysalis.org wrote:

|Greetings:

|I got up this morning, went to my truck and turned on the 2026, and
|it had lost all of its stored channels. This seemed really weird
|since the thing worked last night on the way home from work.

|Anyone else had this happen to them? Anyone know what Radio Shack's
|repair/replace policy is?

|Jeff.Wright@chrysalis.org

Jeff,

Did you have a drain on the radio's circuit? Maybe the +12 was somehow reversed or shorted after you left your truck. The radio uses a small battery that should keep programming for approx. 14 days.

--
brad.glidewell@nt.com

7008. Indycar Freq.s Wanted

Newsgroup: rec.radio.scanner
Date: 1994-07-28 15:02:27 UTC
From: ff193@cleveland.Freenet.Edu
Message-ID: <318ha3$t73@usenet.INS.CWRU.Edu>
Source record: 271206

Could someone please post (or otherwise make available) updated scanner frequencies for the Indycar teams? Those currently available on rec.radio.scanner are evidently out of date, as only a couple worked at Toronto.

Thanks -
--

____
[Steve Henderson Ford Motor Co.]
[(313) 594-3582 (voice) Engine/Powertrain]
[___FF193@Cleveland.freenet.edu_____Engineering_____________]

7009. PRO-51/PRO-23 mods

Newsgroup: rec.radio.scanner
Date: 1994-07-28 15:04:26 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jul28.100426.2696@hnrc.tufts.edu>
Source record: 271205

Usually, scanner mods can be found at oak.oakland.edu in pub/hamradio/mods/<manufacturer>. This hasn't made it there, yet. I've gotten two requests for it by e-mail so I am postinging it to the group.

This is based on a posting from Mike Schuster that is appended at the end.

1. With radio off, press 2, 9, and LOCKOUT keys. Turn the radio on and release the keys.

2. The frequency 888.960 MHz is now stored in channel 23 of the PRO-51 and channel 15 of the PRO-23.

3. You can now do a direct search in 30 kHz steps and store frequencies in any of the MONITOR slots. To help get a particular frequency into a monitor slot even when the frequency is not in use, turn off the squelch and use the up or down search keys to move one step at a time.

4. Move the frequency from a Monitor slot to a Program channel: enter the channel number, press the Program key, enter the number of the monitor channel, if necessary, and press Enter. (The July issue of MT says to use the Monitor key to get to the desired monitor channel, press the Program key, and then enter the program channel number. No matter, just check the manual for instructions on moving a monitor channel frequency to a program memory frequency.)

From world!news.kei.com!ddsw1!panix!not-for-mail Thu Jun 2 20:11:26 1994
Xref: world rec.radio.scanner:8004
Path: world!news.kei.com!ddsw1!panix!not-for-mail
From: schuster@panix.com (Michael Schuster)
Newsgroups: rec.radio.scanner
Subject: Cellular on the "blocked" PRO-51
Date: 2 Jun 1994 19:04:51 -0400
Organization: PANIX Public Access Internet and Unix, NYC
Lines: 146
Message-ID: <2sloij$3f2@panix2.panix.com>
Reply-To: 76174.637@CompuServe.COM
NNTP-Posting-Host: panix2.panix.com
Summary: Test Mode Trick

From:76174.637@CompuServe.COM (Howard Bornstein)

There is an interesting test mode in the PRO-51 that, combined with the direct search feature of the scanner, lets you pick up out-of-band frequencies. You will have full access to the 66-88 Mhz ranges as well as the cellular base range of 869-896 Mhz.

Actually, there are several test modes in the PRO-51 (most of these comments should be true for any Uniden-made Radio Shack scanner, such as the PRO-46). I'll describe them first and then how to take advantage of one of them to get the restricted frequencies.

There are three data test modes. These modes completely destroy any frequencies you had programmed into your scanner, so it's best to use these techniques before you program your scanner. If you have already programmed it, you'll have to decide if these new capabilities are worth reprogramming.

Test mode 0. Clear the scanner.
A well-known method of clearing the scanner to all zeros is to hold down the 2 key, the 9 key, and turn on the scanner. All frequencies will be lost.

TEST MODE 1. Fill channels 1-25 with test frequencies.

Press the 2 key, the 9 key, the L/Out key, and turn on the scanner.

This fills channels 1-25 with these frequencies:

1 30.050
2 40.840
3 49.900
4 138.150
5 162.400
6 173.225
7 406.875
8 453.250
9 511.9125
10 108.500
11 118.800
12 127.175
13 135.500
14 66.450*
15 76.825*
16 87.425*
17 157.800
18 482.3625
19 29.000
20 54.000
21 806.000
22 857.200
23 888.96*
24 911.500
25 954.9125

* indicates not within the PRO-51's normal coverage. More on how to use these in a minute.

TEST MODE 2. Fill channels 1-17 with test frequencies.

Press 2, 9, Manual

Fills channels 1-17 with these frequencies:

30.00, 40.00, 50.00, 140.00, 155.00, 170.00, 410.00, 460.00, 510.00, 54.00, 109.00, 118.00, 127.00, 135.00, 810.00, 860.00, 950.00.

There is also a display diagnostic mode.

Display Test Mode.

Press 2, 9, Band or 2, 9, Moni.

This put the display in test mode. Every annunciator and every digit element is turned on in a scan from the left side of the display to the right. To keep this test mode continuous, release the buttons before the first scan finishes. This mode does not affect stored memory. Press any key to exit this display mode.

Now, if you've decided to try test mode 1, you will find several out-of-band frequencies stored in your memory channels. Channels 14-16 hold frequencies in the blocked out 66-88 Mhz range, and channel 23 holds a frequency in the blocked out cellular base range. Once you have these frequencies stored in a memory channel, the PRO-51's direct search feature will let you search though these ranges. In the cellular band, the scanner searches in the correct 30 Khz steps.

You don't have to keep these frequencies in these channels. You can move them to any channel in the scanner. First move them to a monitor channel.

While on a channel with one of these frequencies, open squelch completely. Press direct search button, either up or down. The direct search button puts the scanner into search mode and the open squelch holds the frequency. Then press the Monitor button. The frequency is now in the monitor channel indicated in the display.

Now you can move it to any regular memory channel in the scanner.

Enter the channel number
Press PROG
Press Monitor
Press the number of the monitor channel if the proper channel is not displayed
Press E(nter)

The frequency is now permanently stored in the memory channel. You can do a direct search from this memory channel at any time.

The 66-88 Mhz range mainly covers TV audio. However, there is a strange phenomenon concerning TV audio and the PRO-51. Channels 4, 5, and 6 audio fall within the 66-88 Mhz range, yet the PRO-51 will not pick up the audio frequency while searching in this range. However, TV channel 2 audio is at 59.75 Mhz. When you add the intermediate frequency of 21.6 Mhz, you get an image of the TV channel 2 audio appearing at 81.35 Mhz. This does come in, although raspy, since the PRO-51 is receiving in narrow FM mode while TV audio requires wide

band FM mode for proper reception.

I'd be interested in anyone can verify that any of these test modes work on the PRO-46 or any other Uniden-made Radio Shack scanner.

The test modes I've described as modes 0 and 1 (clearing all channels and plugging in test freqs in the first 20 channels) have been around since the BC200XLT (I think also the BC100XLT). They also appear in the BC2500XLT, although I couldn't find any other test modes in that scanner. The BC220XLT allows you to do a display element test mode, but, unlike Jeff, I haven't confirmed any other modes as I don't want to wipe out all my channels. I expect that Uniden-made Radio Shack scanners will have at least these two modes and may have the other modes as well. I'm hoping a PRO-46 owner will test this for us.

I wish I could take the credit for coming up with this trick, although it's ironic that I had all of the relevant info in my head...I just didn't put it together.

The basis for this trick came from Glenn Cohen of Scanners Unlimited who was told this by someone who walked into his store. Glenn confirmed it with Larry Van Horn at Monitoring Times. I independently discovered modes 3 and 4, which, to my knowledge, have never been published before.

I did find the display test mode works on the BC220XLT but didn't want to lose all my memories to try the others. Thanks for biting the bullet and seeing what happens on yours! Of course, without the RS direct search feature, the test freqs in the Uniden-label scanners don't do much good.
--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

7010. Re: Pro 2026 image problems: do you have?

Newsgroup: rec.radio.scanner
Date: 1994-07-28 15:38:25 UTC
From: judice@sulaco.enet.dec.com
Message-ID: <318jdh$dep@nntpd.lkg.dec.com>
Source record: 271218

I've had few out-of-the ordinary problems with my 2 2026's (one new
and one old model) - when used as intended in a vehicle. I live in
rural/suburban New Jersey, and get intermod only on 1 UHF freq.

However, when hooked up as a base unit, with a big antenna on the roof,
the unit is useless.

My $.02 is that this is a good deal when on sale for a vehicular scanner,
but not useful as a base unit.

--

Louis J. Judice | Email: judice@sulaco.enet.dec.com
Digital Equipment Corp. | Office: 908-562-4103
System/Network Integration| Fax: 908-562-4441
20 Corporate Place South | "To those who heed the call of the machine,
Piscataway, NJ 08876 | we salute you..."

7011. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-28 16:51:34 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <318nmm$oe3@dancer.cc.bellcore.com>
Source record: 271223

In article <312kt1$9ik@freenet3.scri.fsu.edu>,
Charles Richards <chuck62@freenet3.scri.fsu.edu> wrote:
>Richard Banks (richb@railnet.nshore.org) wrote:
>: In article <3001@bridge2.nsd.3com.com>,
>: Peter Simpson <peter_simpson@3com.com> wrote:
>: I have a Pro-46 scanner that receives a complete image band of the cellular
>: frequencies with no gaps. I know it is illegal to listen to the actual
>: celluar band but am I breaking the law by listening to the image band?
>
> The last I heard, they were in the process of (or had just passed) laws
>out-lawing reception of images, and receivers capable of receiving these
>images.

Listening to the image, as another poster mentions is just as illegal
as listening to the primary frequency. The ECPA makes no distinction
as to how you listen to cellular...it simply says you can't.

As to equipment that can receive via image, there is nothing in the
existing regulations (those that became effective last April 1994)
that addresses images and there is nothing pending. Consider it,
for now, a hole you can drive a truckload of double conversion
scanners through :-)

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

7012. Re: States in the USA that banned mobile scanners ?

Newsgroup: rec.radio.scanner
Date: 1994-07-28 17:11:19 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <318orn$pja@dancer.cc.bellcore.com>
Source record: 271220
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <kjnCtL82J.28z@netcom.com>, Ken Navarre <kjn@netcom.com> wrote:
>F. Barry Mulligan (mulligan@ACM.ORG) wrote:
>: kjn@netcom.com (Ken Navarre, KC6IFF) wrote:
>: > nowhere is there any provision of any document that *permits* you
>: > to use a scanner.
> ^^^^^^^
>The below citation has been noted before and applies only to licensed
>amateurs using two way radio equip, type approved for amateur use that can,
>incidential to their intended purpose, receive 'out-of-band' police and fire
>freqs.

While the following can be debated, here's my perspective.

As pointed out below, the FCC "exemption" specifically mentions
transceivers, BUT it never defines exactly what a transceiver
is for purposes of the FCC exemption. The FCC position clearly
did NOT specifically require that the transciever be a commercial
product (i.e. having type approval), so the issue can still be
raised as to using any transmitting equipment with an adjunct
scanner...i.e. why wouldn't the combined equipment constitute
a transciever? The real issue will only come up if someone
has such a configuration and is still charged under an existing
state or local "mobile scanner ban".

Date="09/16/93" : Citation="58 FR 48459" :
[PR Docket No. 91-36; FCC 93-410]

Federal Preemption of State and Local Laws Concerning Amateur
Operator Use of Transceivers Capable of Reception Beyond the
^^^^^^^^^^^^
Amateur Service Frequency Allocations

AGENCY: Federal Communications Commission.

ACTION: Declaratory ruling.

SUMMARY: The Commission has adopted a declaratory ruling that
states that certain local and state laws are preempted by federal
law where such laws prohibit the mere possession of certain
amateur service transceivers that are capable of receiving frequencies
^^^^^^^ ^^^^^^^ ^^^^^^^^^^^^
assigned by the Commission for, among other things, police use.

[Bandwidth deleted from previous post...]

>Essientially what the FCC said was that the states didn't have the right to
>restrict the legal use of equipment approved by them, and used in the
>legitimate pursuit of individuals licensed by the federal government.

Agreed except as noted that the FCC did not address what is a transcever,
they set out to provide a premption which does not specify commercial
and/or type accepted equipment as being an absolute.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

7013. Re: Rat Shack Freq Counter to find Tx Freq?

Newsgroup: rec.radio.scanner
Date: 1994-07-28 17:21:30 UTC
From: mike@garfield.csuohio.edu
Message-ID: <1994Jul28.172130.1972@news.csuohio.edu>
Source record: 271212

I got enough responses wanting the hold-button mod I figured
I'd post it. Hope it helps one and all!

How to add a hold function to the Radio Shack RF Frequency Counter:

Ground TP 17. In the schematic, TP17 is pin one of U3, connected to
+5V thru a 47k resistor. On the circuit board, TP17 is on the display
side, just right of the lower-right corner of the IC. Grounds are about
1/4 inch below and to the right, the three non-tinned points in the large
area of metal. TP17 is the tinned pad next to a SM resistor marked '473'
for 47k.

I rigged a momentary switch to ground TP17 thru a 1k resistor (you never
can tell) and it works just fine! I drilled a small hole to mount the switch
just above the plastic depression so I could push the button with my right
thumb. A small toggle switch would fit if you want to hold longer.

Galen, KF0YJ

As you can see, I picked if off the net from someone else.

My only other advice is to watch out when you drill the hole
in the metal case for whatever button you want to install.
DO NOT drill with the unit still assembled, you will drill
right into the guts of the unit (NO, I did not do this, but
just make sure you separate the metal half-shell from the rest
of the unit for purposes of drilling).

Mike
--
^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v Catch the WAVE ^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v^v
Michael Mayer, Senior Technical Support Engineer Amateur Radio KB8RJO
Visual Numerics, Inc. 32915 Aurora Rd. Suite 160, Solon OH 44139 USA
Email: mayer@boulder.vni.com Human: 216-248-4900 Fax: 216-248-2733
v^v^v^v^v^v^v^v^v^v^v Good * Cheap * Quick (pick any two) ^v^v^v^v^v^v^v^v^v^v^

7014. Re: Pro 2026 image problems: do you have?

Newsgroup: rec.radio.scanner
Date: 1994-07-28 20:00:04 UTC
From: wwhitby@aol.com
Message-ID: <3192o4$qto@search01.news.aol.com>
Source record: 271217

The only problem I have is severe pager interference in downtown areas,
but I get that in ALL my scanners (and some ham equiptment).

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

7015. Re: Question about antenna in attic

Newsgroup: rec.radio.scanner
Date: 1994-07-28 20:33:16 UTC
From: magnet@nRCHs022
Message-ID: <3194mc$i64@corpgate.rich.nt.com>
Source record: 271221

Paul Lavoie (lavoie@bosserv.bos.locus.com) wrote:

| I recently bought a new house and need to set up my all band
| antenna. My wife does not want it on the roof (complaints about
| it looking ugly), so I was thinking about mounting it in the attic.

| The roof currently has two layers of shingles on it, so there are
| a lot of nails in the roof. Will this have any effect on the
| performance of the antenna?

| Thanks for your input.

The greatest problem you should experience would be from water on the
roof in HEAVY rain. This may be minimal. I noticed a great improvement
in reception after moving my ant's from the attic to the top of the roof.
This MAY not be a good idea if you get overloaded, which I sometimes do. ;-)

--
brad.glidewell@nt.com

7016. Re: Radio idiosyncrasies

Newsgroup: rec.radio.scanner
Date: 1994-07-28 20:40:48 UTC
From: magnet@nRCHs022
Message-ID: <31954h$i64@corpgate.rich.nt.com>
Source record: 271222

Soren Ragsdale (soren_ragsdale@path1a.med.upenn.edu) wrote:
|In article <316bb1$gr2@corpgate.rich.nt.com> Brad Glidewell,
|magnet@nRCHs022 writes:
|>The Pro 43 has in my experience, the GREATEST varience.

|Does this variance occur all over, in that a bad radio is a bad radio, or
|does a radio that's "bad" at 100Mhz do well at 900Mhz and vice-versa?

Some radios manifest differences with audio quality, reception characteristics, finish and pride of ownership. ;-)

A friend and I bought 2 43's at the same time from the same store. Mine sounds good and has better reception than my R1 at at least the 46mhz range ;-). His audio was terrible and reception non-existant. After a short time, his unit stoped working. (2 hrs)

--
brad.glidewell@nt.com

7017. Re: pro-43 vs pro-34

Newsgroup: rec.radio.scanner
Date: 1994-07-28 23:07:25 UTC
From: 10-89 <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <319dnd$nfi@netnews.upenn.edu>
Source record: 271224
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In article <Cto6qp.6D4@vcd.hp.com> Eric Ross, ericr@vcd.hp.com writes:
>I checked. The pro-43 is NOT on sale. The pro-51 (normall $299) is on
>sale for $200. The salesman said it is the same minus the 220-?? air
band.

Not quite. The 43 is triple-conversion, and the 51 is only a double.

7018. Re: Time to get the OS456?

Newsgroup: rec.radio.scanner
Date: 1994-07-29 07:32:51 UTC
From: "David Josephson", Josephson Engineering <david@josephson.com>
Message-ID: <CtoyAs.D58@rahul.net>
Source record: 270985

In <1994Jul27.002257.996065@walnut.prs.k12.nj.us> pthompson@walnut.prs.k12.nj.us (Peter Thompson) writes:

>I haven't heard any discussion hear in the last few weeks concerning the
>OptoScan 456 CTCSS/DCS decoder- does that mean no one is buying them, or
>they just work fine and everyone is too happy to talk about it?

>I'm about to get one if no one says not to- any suggestions of dealers
>with a good price on this?

There was some discussion, and most of us who bought are still
rooting around in the software.

Marymac has them for $280, and 2006's for $345, both including shipping.
That's where I bought mine. Aside from having the 456 installed wrong,
and the software manual only covering about 1/3 of what the software
does, I'm completely happy with it.

Some comments:

The install procedure is detailed and works fine except for the
mini-hook grabbers that are supposed to be used to make a noninvasive
connection to a test point and an IC pin. These might work in the lab,
but for any practical use, cut them off and solder the wires to the
relevant places.

The software is fairly self-explanatory, which is good because the
manual doesn't tell you how to use it. For instance, it will log
PL tones per channel, with number of hits and number of minutes per
tone, and you can also name the users per PL tone.

If you ask, Opto will send you a detailed interface spec for the
commands that you can send to the board, which are a superset of
the Icom CI-V command language. Otherwise you are limited to the
functions provided by the furnished software.

You can download the current rev of the software from the author's
BBS, which number is in the manual on the disk. You can also get a
demo version (functional for 30 minutes at a time) of the "pro"
version which also reports signal strength and will plot a spectrum
analysis.

--
David Josephson / Josephson Engineering / San Jose CA / david@josephson.com

7019. Re: My $.02 on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-07-29 11:25:04 UTC
From: steven@sgb.oau.org
Message-ID: <Ctp91t.5oz@sgb.oau.org>
Source record: 271096

Jeff Smith (jksmith@platypus.atd.ucar.edu) wrote:

: contained a statement that said something to the effect of "If it crosses my
: property, I have the right to intercept it."

: I have a few thoughts regarding this line of thinking:

: 1) As I understand it, property rights extend only to land and the buildings on
: it. They don't extend to the air above it or minerals beneath it, or in
: many places even to rivers flowing through it. Therefore, are radio
: transmissions sent through the air actually crossing individual property?

: 2) By this sort of reasoning, anyone would have a right to tap into any
: phone line that crosses their property.

<<< Activating Turbo Flame Mode >>>

Well, along this *new* line of thinking, I might as well say that I
do have the right to make a short range transmitter that does not
extended beyond my property on ANY frequency of my choosing. Using
this approach, I could make a device and market the device to cause
interference of selected frequency ranges within the boundaries of
my property to essentially BLOCK transmissions passing through it.

Admittedly, if only I were to do this, it would not stop the
transmissions, but if I and my neighbors were all to do this in a
neighborhood, YES, it could stop those pesky unauthorized trespassing
transmissions.

Now, what we could do would be to tell the offending companies, if
they want their transmissions to pass over our properties, they will
need to provide us equipment to monitor them for any illegal
transmissions which may take place. Otherwise, no, they will NOT
pass. Perhaps this is what we should do with the cellular telephone
companies. BLOCK their damn signals and issue a written statement,
oh, I meant contract of terms as to what will be required in order
for them to pass through my airspace unobstructed.

Now about them rights... Try buying property next to city hall, and
start burrowing under it to get them minerals down there. Now tell
me they won't come and stop you!!! Aw, you don't own the mineral
rights, and that's why I am under your building! Yeah, really. Pull
the other leg.

Now about that airspace... Try flying over Disney World or a few other
places, you will find how quickly that "unowned" airspace is... as
soon as you land and get an FAA citation. There aren't any "floating"

signs... But try it and let me know what happens. I KNOW what will happen at Dizney World!

<Reducing Flame Mode to 1/10th>

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

7020. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-29 11:36:51 UTC
From: steven@sgb.oau.org
Message-ID: <Ctp9LG.5qv@sgb.oau.org>
Source record: 271097

Bennett Z. Kobb (bkobb@newsignals.com) wrote:
: >August Monitoring Times has a full page ad by Ramsey Electronics that
: >features the scanner converter. It is legal for sale.

: How are you sure that such a converter is legal for sale. The fact that a
: company is selling it does not necessarily make it legal for sale. It could
: mean that Uncle Sam's attention has not yet turned to that company.

: I think converters should be allowed, but the FCC differs with me on that.
: Here's what they said in April of last year:

: "We recognize that frequency converter designs are typically not very
: sophisticated compared to those of scanning receivers, and that banning
: frequency converters capable of converting cellular transmissions will
: significantly increase the design complexity necessary for converters to comply
: with our technical standards. We further recognize, as several commenters note,
: that there are very legitimate uses for converters that convert 800 MHz and 900
: MHz signals down to lower frequencies. Even though the restrictions we proposed
: for converters will undoubtedly make it more difficult and expensive to
: purchase 800 MHz and 900 MHz converters for legitimate purposes, we believe the
: intent of the TDDRA leaves us no choice but to adopt them."

I will state again ... (oh how I get tired of this...)

<<< STARTING TURBO FLAME MODE >>>
<<< FLAME THROWERS READY! >>>

They do sell it as assembled OR as a kit. They could stop selling it
assembled IF they were officially told to do so. No argument there. However,
as a converter it does NOT require an FCC approval and since it is also
available in kit form, there is no requirement to include the date of
manufacture on the unit. They could therefore claim these units were all made
before April 26. Even if they were made after, the FCC could not claim this
as there would not be any proof of that.

As a board, parts, plans, and box, with the first three in one package
and the box as another, it does not constitute a manufactured device. Do we
agree? I think we do. The law states manufacture... not intent to build.

It also was not an imported device, do we agree? Again, I think so.

What law are you referring to which prevents the sale of these parts,
board, box, and plans? What they mean in a law and what it says in the
wording was up to the law writers to clearly define. Since they left
this hole open, I doubt a court would find their "none printed"
intentions to have much if any legal standing.

I guess the next thing you will say is it will be illegal to buy certain components in the U.S. which COULD BE USED in making a receiver or scanner. Nazi Germany, U.S. style! Wheeeee! Way to go... Freedom out the door. My copy of Shortwave Magazine will be here today, and later this year I will have a nice AOR 8000 scanner, factory tuned without any non-factory changes. Ie, NOT from EDCO. Full international range. Guess what? I am going overseas for this purchase... Can't get what I need in the GREAT FREE US of A!

<< Flame Mode Off >>

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

7021. Re: My $.02 on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-07-29 14:36:52 UTC
From: jerry@hnrc.tufts.edu
Message-ID: <1994Jul29.093652.2705@hnrc.tufts.edu>
Source record: 271095

In article <316afn$9mv@ncar.ucar.edu>, jksmith@platypus.atd.ucar.edu (Jeff Smith) writes:
> it
> contained a statement that said something to the effect of "If it crosses my
> property, I have the right to intercept it."

It wasn't I, but I would restate it as "If it passes uninvited
through my body, I have the right to do with it what I please."
It makes the issues much less ambiguous.

For example, I wouldn't fiddle with phones (wired or cellular) because it
involves sending something from *me to them*. I wouldn't get an illegal cable
descrambler because I've invited the signal into my house.

I do not have a satellite dish. If I did, I believe my attitude would be
"If you don't want me descramlbing your signal, don't send it through me."
But, not owning a dish, I admit I haven't thought the issue through
completely. Others' thoughts would be appreciated.

7022. Re: What if you hear illegal activities?

Newsgroup: rec.radio.scanner
Date: 1994-07-29 18:05:47 UTC
From: dseitel@crl.com
Message-ID: <31bgdr$rg3@crl5.crl.com>
Source record: 271107
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Patrick Springer wrote:

> I have some very pointed views about this and these are simply
> my opinions, so don't get too upset when I say that people like
> you shouldn't even have a scanner. When you listen to personal
> conversations with a scanner you are a voyeur - NOT a witness.

I agree with Patrick Springer, particularly in the last sentence.

When I was a child during the depths of the cold war, they taught
us in school of an evil place where neighbor spied on neighbor--
even some family members spied on each other. Sometimes I think
I live in that place.

This is not directed at any one person and is just MY OPINION.

David Eitelbach
dseitel@crl.com

7023. Re: Handheld Scanner Recommendation?

Newsgroup: rec.radio.scanner
Date: 1994-07-29 18:43:01 UTC
From: Greg.Pettiford%rush@hyit.oau.org
Message-ID: <c19_9407291357@hyit.oau.org>
Source record: 271082

JW> coverage is of interest, but not mandatory. I am considering the
JW> following scanners:
JW> 1. Radio Shack top of the line (I think the model number is PRO 43)

JW> 2. AOR 1500

JW> 3. Trident (I do not know the model numbers)

JW> 4. Bearcat (I think the model number is 2500, it is the replacement
JW> for the 200xlt)

JW> 5. Yupitero MVT7100

Jim, I have been using the Bearcat 200XLT for two years now and am
very pleased with it. From all the things that I have read, the
2500 will put the 200XLT to shame.
Personally, I would go with the Bearcat first, and go with the
Radio Shack second.
I also have a PRO 2004 that is heavely (SP?) modified, and the
BC200XLT is also modified.
Hope this helps.....
Later-- Greg

... join the Navy; see the world,meet exotic people;kill them
--
| Fidonet: Greg Pettiford 1:363/166
| Internet: Greg.Pettiford%rush@hyit.oau.org
|
| Standard disclaimer: The views of this user are strictly his own.
| From The Hy-it Express BBS (407) 295-0594 Orlando, Florida

7024. Re: Best Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-07-29 18:48:09 UTC
From: andycl168@aol.com
Message-ID: <31bit9$jjl@search01.news.aol.com>
Source record: 271098

Point taken. However, USC Title 18 is where the laws truly reside.

Andy Clark

7025. Hospital Chatter?

Newsgroup: rec.radio.scanner
Date: 1994-07-29 19:14:00 UTC
From: charles.marks@compudata.com
Message-ID: <12a.3888.757@compudata.com>
Source record: 271079

M>The 462.000 is also Phila Fire Films. These are a bunch of guys who
DM>take pictures of all major fires and accidents in the tri-state
DM>area.

The 462.00 freq really came in handy the other night when the tornado(s) struck up in Limerick PA. I probably wouldn't have heard anything about it until the next morning if Phila Fire Films hadn't been on the scene. They said that they were listening in on 33.66. Any idea if I could pick this up where I'm from in South Jersey? I programmed it in my scanner and heard mostly garbled transmissions. What area does 33.66 cover?

7026. Freqs. for Outer Banks, NC

Newsgroup: rec.radio.scanner
Date: 1994-07-29 19:17:04 UTC
From: DEVENNEY@VM.TEMPLE.EDU
Message-ID: <17002D6F0S86.DEVENNEY@VM.TEMPLE.EDU>
Source record: 271083

I would appreciate a listing of police/fire freqs. for the Outer Banks
of North Carolina, especially Kill Devil Hills, Nags Head and Kitty Hawk.
Thanks.

7027. Cover-up by FBI ?

Newsgroup: rec.radio.scanner
Date: 1994-07-29 19:22:00 UTC
From: chuck@dt-can.com
Message-ID: <fe.1480.3070@dt-can.com>
Source record: 271100

** FBI COVER-UP OF FOSTER MURDER ? ***

There was a big deal made of a Pager found at the Ft. Marcy Park body dump-site in the Senate hearings this afternoon and almost an hour was spent discussing possible numbers on the pager found near the body of Vincent Foster Jr. (murdered WH Council).

Around 13:40 EST on CNN Senator John Kerry (D - Mass.) made a big deal of waving the Pager around while asking/telling the FBI Special Agent that there would be no numbers if the Pager was turned off and the Pager had been found turned off.

It was very clear that the 2 Special Agents were reluctant to say very much but it is also apparent that these 2 must be two of the stupidest investigators in Washington if what they said was true.

I know they couldn't have been that dumb, hence it is clear that the Senate was misled and testimony may be perjured from this pair.

A pager has little to do with the numbers being recoverable. The calls to the Pager would have been logged by the Paging Company that issued the Pager and their logs would have a record of all the calls to the Pager and the numbers left for callback, or full alphanumeric messages if the Pager was so capable.

In any case, it would have been, and would be, a matter of calling the Company that issued the Pager and having them retrieve the logs of pages to that pager. That would have been standard procedure in any serious investigation. Perhaps the Pager was dropped by one of the killers ?

It seems obvious the testimony is replete with ommision and co-mission.

chuck.zeps@dt-can.com
"Per Ardua Ad Astra"

::
:::c.zeps@genie.geis.com:::NsAc4sEmTeXpEtNbOmBcLiNtOnSsDeAbAtF:::
:::Cdn.Assn.Rocketry S155::kGbGrUcSiSrCmPdOdsPeTzNaZiJeWmOsSaD:::
:::VE3SMN:::NRA Member:::::NaToCoCaMeXcArTeLgOvDoPeBuShMeNaGuN:::
:::Tesla Society # 3176::::sPoTIlgTeSLaVeRyUpPiEmPiMpOIlcEnEmA:::
:::Sysop::Obelisk BBS::London::Ont::519.6790021::Access1stCall:::
::

• TNet 3.90 • USENET| The Obelisk BBS | London, Ont.| 519.6790021

7028. Listening to my Hard Drive

Newsgroup: rec.radio.scanner
Date: 1994-07-29 19:39:21 UTC
From: 10-89 <soren_ragsdale@path1a.med.upenn.edu>
Message-ID: <31blt9$eih@netnews.upenn.edu>
Source record: 271109

I had my new pro-51 going while I was using the computer and I found my hard drive. Maybe. The scanner was sitting on top of the computer and whenever there was disk access it changed the static to a different sound. I was listening to 813.5875 Mhz and I've got a PowerMac 7100. Hmmmmmmm.

7029. Re: My $.02 on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-07-29 20:07:03 UTC
From: <>
Message-ID: <31bnh7$fhr@wizard.uark.edu>
Source record: 271106

jksmith@platypus.atd.ucar.edu (Jeff Smith) writes:

<...>

>contained a statement that said something to the effect of "If it crosses my
>property, I have the right to intercept it."

>I have a few thoughts regarding this line of thinking:

>1) As I understand it, property rights extend only to land and the buildings on
> it. They don't extend to the air above it or minerals beneath it, or in
> many places even to rivers flowing through it. Therefore, are radio
> transmissions sent through the air actually crossing individual property?

EMF rights to a given property are not covered by law - AFAIK. It used to
be that the [US] radio spectrum was considered **public**, that is, before
the Cellular industry bought portions of it from our CONgress. No other
country _prohibits_ it's citizens from listening to non-military
communications - again, AFAIK.

>2) By this sort of reasoning, anyone would have a right to tap into any
> phone line that crosses their property.

Certain legal rights are granted to utility companies when they negotiate
a right-of-way. I'm bettin' that one of them is "thou shalt not listen" . . .

>3) If I dropped a $20 bill and it landed on someone's property, do they have
> a right to claim it? After all, I don't "own" the $20 bill, it was issued
> by a government agency, the Federal Reserve.

Is my property fenced? If so, you better damn sure ask my permission first.

>4) Why is it that the same people who insist that the government is always
> trying to take away THEIR rights give absolutely no considerations to
> anyone else's rights. Allowing individuals to monitor confidential
> conversations is probably worse than allowing the government to do it.

You're missing the point! If folks want to use the (sort of) public
airwaves to communicate, fine, but you and I, and that lady over there and
that guy in Idaho on the Mac own them and I (at least) reserve the right
to listen to them. Now if they want to encrypt them, great, more power to
'em.

Peter Laws <plaws@comp.uark.edu> |"That's one small step for man, one giant
n5uwy@ka5bml.#nwar.ar.usa.noam | leap for Mankind" - Neil Armstrong 7-20-69

7030. Re: Comparative test of mobile scanner antennas

Newsgroup: rec.radio.scanner
Date: 1994-07-29 20:10:06 UTC
From: mike_diaz@smtp.esl.com
Message-ID: <mike_diaz-290794120046@m41024.esl.com>
Source record: 271080

In article <7J88Pc1w165w@tosspot.sv.com>, lee@tosspot.sv.com (Lee Reynolds) wrote:

> Hi all.
> Just an fyi for those who may be wondering -
>
> If you're thinking of doing mobile scanning, do not, under any
> circumstances, consider using an "on-glass" mobile scanner antenna.
>
> I've just been doing some comparative tests and have come to the
> conclusion that such an antenna is slightly more effective than
> shorting the coax conductors together, but not by much.
>
> One example is parked, I hear three NOAA Wx stations in the 162 MHz
> region. That's using a little 144 MHz qaurter wave mag mount in the
> middle of the car roof. Switching to the "on-glass" all three
> disappear.
>
> Use either a mag mount or bite the bullet and (best of all) drill a
> hole in the car.
>
> Lee

Lee
There is another alternative. Grove sells an antenna coupler (splitter) for $15 that you connect to your existing car antenna cable, that allows you to use both the car radio and your scanner at the same time, with no holes to be drilled. I put one on my Mitsu 3000GT because no magnet mount will hold an antenna on the car at speed. UHH, Just in case I should ever need to, yeah thats it, just in case because 65MPH MAX is the law, right. It works pretty well, and I don't have to worry about putting another antenna on my car, so it's perfect for my needs (the need for speed).

Good scannin' to ya.
MAD

The opinions expressed here are | Covering 100KHz to 2GHz contiguous.
my own, but you can have 'em if | mike_diaz@smtp.esl.com
you want 'em. | Engineering today for a better tomorrow.

7031. Wire antenna on 46 mhz?

Newsgroup: rec.radio.scanner
Date: 1994-07-29 21:02:12 UTC
From: kcliao@UCI.EDU
Message-ID: <Pine.3.89.9407291319.A16838-0100000@e4e.oac.uci.edu>
Source record: 271110

I came across some messages on the forum regarding the usage of wire antenna attached to the existing scanner telescope antenna to pick up 46 mhz signal and worked well....I would like to know more about this set up as far as exactly what type of "wire"is used and the way to install.

I am now using a R.S. indoor TV antenna for my scanner and it seems work better than the telescope one. I would like to enhance this combination.

Any comments is appreciated.

KC Liao

7032. Re: Time to get the OS456?

Newsgroup: rec.radio.scanner
Date: 1994-07-29 21:06:02 UTC
From: wwhitby@aol.com
Message-ID: <31bqvq$m0o@search01.news.aol.com>
Source record: 271076

Does anyone know if they'll come out with a setup for other scanners (like my Radio Shack Pro 2022)?

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

7033. Re: Best Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-07-29 21:10:16 UTC
From: ira@src.dec.com
Message-ID: <31br7o$eg3@src-news.pa.dec.com>
Source record: 271075

I don't get it. Wasn't there an interminable thread here not long ago on the "best" and "worst" of what people had heard on scanners? - and with not a single peep about FCC non-disclosure laws. When did everyone get religion?

Regards,
Ira

7034. Re: What if you hear illegal activities?

Newsgroup: rec.radio.scanner
Date: 1994-07-29 21:11:04 UTC
From: wwhitby@aol.com
Message-ID: <31br98$m3k@search01.news.aol.com>
Source record: 271077

I have heard two <gentlemen> discussing drug-related activities on 151.625 as well. I noted the details and gave them, as well as the frequency to a good friend of mine that happens to be a sergeant of our Sherriff's Department. He was very grateful and added that frequency to the others that he listens to.

Moral of the Story: If you know someone in law enforcement, tell him (or her).

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

7035. For Sale: Bearcat BC200XLT $125

Newsgroup: rec.radio.scanner
Date: 1994-07-29 21:43:06 UTC
From: jn19@cornell.edu
Message-ID: <jn19-2907941742470001@cu-dialup-0044.cit.cornell.edu>
Source record: 271113

Uniden BearCat BC200XLT

+ 200 channels searching
+ modified to receive full 800mhz frequencies (incl. cellular)
+ automatic one-button weather channel
+ nicad battery and charger

This is only 1 year old. Bought it when I was into EMT stuff but now that
I'm a more grad student, I have more pressing concerns (i.e., eating).

For $125 + shipping or best offer.

Please e-mail me at jn19@cornell.edu

Jiro

Jiro Karen Nakamura Shamanic Figure
jn19@cornell.edu 76711.542@compuserve.com

7036. Re: What if you hear illegal activities?

Newsgroup: rec.radio.scanner
Date: 1994-07-29 22:22:56 UTC
From: price@jove.acs.unt.edu
Message-ID: <31bvg0$7h1@hermes.unt.edu>
Source record: 271078
Cross-posted to: rec.radio.scanner,alt.radio.scanner

> - A tabloid paper discovers that it can make a lot of money
> by scanning celeb's calls with a scanner. They scan. They find
> dirt. They print dirt. They get sued. During the trial the fact
> surfaces that they used a scanner. The inevitable "Bill" is passed
> on Capitol Mound and voila! - no more scanners.

> In other words, if people mind their own business, life will get
> better. I promise!

bad choicxe of an example. This has already been done and the government
did nothing to ban scanners. They have banned their use for cellular
private communications and the like, but they will never be banned
completely.

Why? It has been stated that the police, fire, etc etc should not be
hiding from the public. Since they are to serve us it is believed that
the public should have the write to hear what goes on and where our tax
paying dollars go.
So only a few channels are allowed to be scambled or private, and
those-I am told- require permits and paperwork to be written out in order
for a particular law enforcement agency or group to use them. And there
are other restrictions ...

==
Aaron Price/Nimbus | University of North Texas
price@jove.acs.unt.edu | "If you try any preversion
bandwidt@dfw.net | I'll blow your head off."
==

7037. Re: What if you hear illegal activities?

Newsgroup: rec.radio.scanner
Date: 1994-07-29 22:53:45 UTC
From: jmccarty@spd.dsccc.com
Message-ID: <31c19p$6d9@sun001.dsccc.com>
Source record: 271081
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <3194mn$a90@netnews.upenn.edu>,
10-89 <soren_ragsdale@path1a.med.upenn.edu> wrote:
)Hypothetical situation:
)
)You're scanning the cellular band, or a cordless phone, or whatever and
)you hear a guy making a drug deal, plans for a murder, bombing, or
)whatever. In the course of the call you hear the location, time, people
)involved, etc.
)
)What do you do?
)
)Option 1: Nothing. It is illegal to divulge this information.

I don't believe you are correct here. It is not illegal to divulge the
information heard on a cordless phone or a whatever. Of course, you
aren't supposed to _listen_ to the cellular band, so you can't divulge
what you haven't heard :)

If I remember correctly, you are not permitted to divulge the
information to a third party, or to use it for personal gain. You _can_
divulge what you heard to the parties involved in the conversation.

More to the point: Would a jury convict you? Would the gov't indict you?
I think not.

)Option 2: Call and leave an anonymous tip with the proper authorities.
)
)Option 3: (My favorite.) Show up at the place and wait for them. Right
) when they're in the middle of whatever they're doing, jump out
) and yell, "FREEZE! POLICE! YOU'RE ALL UNDER ARREST! HA! JUST
) KIDDING! I REALLY GOT YOU GOING THERE, DIDN'T I?" *BANG*
)
)So maybe option 3 is only good if you're bulletproof, which I am not.
)Still, that _does_ leave me with options 1 and 2. If there's a conflict
)between a law and my conscience I usually take my conscience unless I
)could get really busted for it, so I choose 1. (Hence my hypothetical
)scanning of the cellular band.) Then again, I'm very new to this and
)perhaps I haven't taken everything into consideration. What would you do?

I have faced this exact circumstance recently. I overheard a woman
talking with a girlfriend about a car theft she had planned with another
man. The idea was to really steal the stereo system in the car, but it
was a large and complex installation, and they didn't want to damage the
equipment. So they decided to steal the car, and move it to where they
could remove the stereo system at their liesure, then dump the car.

I opted for (1) - do nothing. Incidentally, further monitoring resulted
in no further conversations regarding this, which I take to mean that
the theft did not occur.

I think option (3) would be very foolish.

Just a chicken at heart, I guess.

Mike

```
char *p="char *p=%c%s%c;main(){printf(p,34,p,34);}";main(){printf(p,34,p,34);}
```

7038. Re: Help on PRO-43 mod.

Newsgroup: rec.radio.scanner
Date: 1994-07-29 23:44:07 UTC
From: mulligan@ACM.ORG
Message-ID: <31c487$bt5@hopper.acm.org>
Source record: 271084
Cross-posted to: rec.radio.scanner,alt.radio.scanner

svecz@Rosie.UH.EDU (aka dritums@uh.edu ??) wrote:

> ... PRO-43 ... the mod to restore blocked frequencies.
> ... move a diode from position D4 to D3 ... only found diodes in D1 and D2.

The original PRO-43 has been replaced with an unmodifiable version. The original had an FCC ID of AA020-300 (found on the name plate). The new version has an "A" suffix, i.e. AA020-300A.

Some of the old version are still in store inventory, so check the name plate on the back (or purchase the display model, which is probably an old one).

/* barry /&

P.S. Note that the key is the _suffix_. The "AA0" prefix denotes "A & A Trading", Radio Shack's importer.

7039. Golay Information

Newsgroup: rec.radio.scanner
Date: 1994-07-30 00:29:57 UTC
From: jwh@kaiwan.com
Message-ID: <31c6u5$hm2@kaiwan.kaiwan.com>
Source record: 271085

If you are interested in an excellent indepth article about Golay, pick up the July edition of the Computer Applications Journal. Issue #48. Found at your local computer magazine section.

John Herndon (jwh@kaiwan.com)
--
: ONE STOP TECH SHOP BBS * (310) 421-6766 * 24 Hours * USR 14.4 DS * 8/N/1 :
: Ham Radio * Scanners * Shortwave Listening * CAD/CAM/CAE * Satellites :
: Groom Lake/Area 51/S4 * X-Planes & Black Budgets * 500 Megs + 3 CD-ROMs :
: Call and share your interests & knowledge with others! :

7040. decoding POCSAG on the MT-400

Newsgroup: rec.radio.scanner
Date: 1994-07-30 01:21:24 UTC
From: milcom@netcom.com
Message-ID: <milcomCtqBro.Dvx@netcom.com>
Source record: 271088

We got a MT-400 universal decoder today and it works fine.. However the cap codes (pager address) doesnt decode to the correct number. The displayed number isnt random.
I would like to know if there is a MOD to get the display correct for POCSAG pager addresses. If not, then there must be some math formula to convert it to the correct number.
The MT-400 decodes 512 and 1200 baud pocsag, yet will not automatically switch to the correct baud rate.

--
POP: Persistant Online Procrastination milcom@netcom.com

7041. Re: NYC info

Newsgroup: rec.radio.scanner
Date: 1994-07-30 01:45:06 UTC
From: sds910@aol.com
Message-ID: <31cbb2$qju@search01.news.aol.com>
Source record: 271112

Actually, there is one show I can think of...

Weekdays at 5:30 PM (barring vacations), Late Show With David Letterman is taped at the Ed Sullivan Theater in Manhattan. Well-antennaed scannerphiles may listen to the live taping, complete with Dave's commercial break comments to the audience and full band numbers by Paul Shaffer & Co. by tuning in 153.290.

Now how's that for cool stuff?

Steve Shorten

7042. Re: decoding POCSAG on the MT-400

Newsgroup: rec.radio.scanner
Date: 1994-07-30 01:49:47 UTC
From: joe@netcom.com
Message-ID: <joeCtqD2z.7Fr@netcom.com>
Source record: 271091

In article <milcomCtqBro.Dvx@netcom.com>,
wayne roberts <milcom@netcom.com> wrote:
>We got a MT-400 universal decoder today and it works fine.. However the
>cap codes (pager address) doesnt decode to the correct number. The
>displayed number isnt random.
> I would like to know if there is a MOD to get the display correct for
POCSAG pager addresses. If not, then there must be some math formula to

Nope. The number given to the pager customer IS different than the
actual CAP code sent. For security reasons, the carrier has a
look-up table converting the number given to you and generating
a look-up entry number programmed in the pager.

While the new M400 has 512 and 1200 (the older M400 handles only 512
bps), Skytel is already at 2400 POCSAG and going to FLEX.

--Joe

--

Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046

7043. BC100XLT Mod?!? Please?!?

Newsgroup: rec.radio.scanner
Date: 1994-07-30 02:11:12 UTC
From: a00244@giant.rsoft.bc.ca
Message-ID: <31ccs0$ssg@deep.rsoft.bc.ca>
Source record: 271090

Hi, I was wondering if there was a mod around that gets the old BC100XLT to receive military range...ie) ~400 MHz range? Any information would be GREATLY appreciated.

Mark
--
a00244@giant.rsoft.bc.ca

7044. Re: AOR8000 in Shortwave Magazine

Newsgroup: rec.radio.scanner
Date: 1994-07-30 02:39:20 UTC
From: steven@sgb.oau.org
Message-ID: <CtqFDo.Dvz@sgb.oau.org>
Source record: 271094

Steven Bradley (steven@sgb.oau.org) wrote:
: Michael Schuster (schuster@panix.com) wrote:
: : In article <314j5h$rs2@pipe2.pipeline.com>,
: : Chris Barbosa <ligosa@pipeline.com> wrote:
: : >is the magazine called "Shortwave Magazine" ?
: : >any idea where I can get it here in NYC ?

: : Chris, you can sometimes find it in the magazine racks at Barnes & Noble
: : superstores. It's hit-or-miss as the magazine selection is apparently up
: : to the local manager. It's usually next to Monitoring Times and Practical
: : Wireless.

: : I considered subscribing, but apart from the ads there really wasn't THAT
: : much more than the domestic (USA) mags to make it worth the cost for me.

: Just got off the phone with Barnes & Noble Superstore in Tampa, FL.

: They are mailing me (UPS) one of three remaining copies. They take
: charge cards and with the use of the reader's choice card, my total
: was under $8 including shipping.

: Costs are $4.95 for magazine, $3 for shipping, plus applicable taxes.

: Phone number for the two remaining issues (after *mine*) is
: (813) 977-0404. Another superstore in Miami is (305) 598-7292,
: not known if they have any though.

: Good Luck (mine should be here tomorrow ahhhh how nice! I get to
: see this new scanner! I also needed to update my list of non US
: suppliers).

UPDATE:

I do not normally make a follow-up to my own comments. But that copy of
Shortwave Magazine mentioned above is now in my hands... It's well worth
buying a copy -- particularly if you want any model of U.S. scanner with
FULL CELLULAR coverage. The Pro-2006, Pro-43, ComTel 203/204/205, they
are all readily available from a wide choice of dealers. Also do not
forget that while duties will have to be paid, you do not have to pay
VAT taxes (17.5%)!

After looking at the adverts, I can not see how anyone would buy a non-cellular
scanner in the U.S. I mean, why bother! They are braindead. Ordering outside
the U.S. gets you the FULL COVERAGE INTERNATIONAL version as was intended at the
factory. It permits it to be usable world-wide when traveling, etc.

Like I said -- wide choice. With some of these, it is the only marketing in
the U.S. you will see. Well worth the $4.95 (plus $3 shipping & tax) for the

occasional issue to determine equipment sources and costs. I mean with some companies, you pay $10 just for the catalog!

Great magazine... Planning to get an UNCENSORED AOR 8000 later this year. Any word regarding EEB/EDCO as to if (un)common sense has struck them and made them to see the value in selling the parts they are changing to convert the INTERNATIONAL to DOMESTIC LIMITED versions here? The FCC can't regulate those components they are changing. I mean all we want is for the technicians to bag them as they change each unit, right? Perhaps even include them with the scanners for those wishing to mod it back. Ideas?

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

7045. PRO - 2004 mod

Newsgroup: rec.radio.scanner
Date: 1994-07-30 02:39:52 UTC
From: benchr@teleport.com
Message-ID: <benchr.221.0002AA3E@teleport.com>
Source record: 271099

A short time ago, a person said that there is a memory upgrade for the PRO-2004 that will allow it to recieve more than 400 channels...

I'm not referring to the 300 to 400 channel mod, this is supposedly a memory chip upgrade...

Any information on this memory upgrade would be appreciated..

Thanks

7046. Re: Radio idiosyncrasies

Newsgroup: rec.radio.scanner
Date: 1994-07-30 02:40:29 UTC
From: demon@inferno.com
Message-ID: <020595SEXANSADVKHUFC@inferno.com>
Source record: 271115

Okay, campers. I have watched this long enough and said nothing. Here's my pitch.

If anyone is getting radio freqs from the waste of a tree book put out by radio shack, do so no further. That book is a waste of the paper, and is so fouled up with information it isn't funny anymore. Now, I don't know WHO does the research or WHERE they get their info, but it is enough to make one contemplate suicide.

So enough flaming of the Chicken Shack Folks. Here's my alternative. There is a book and disk published that has detailed listings of city, county and state freqs, Inputs and PL tones. I believe it is a GMRS book, but don't quote me on that. Most of the files on the disk aer text files ending with .GRS (Govt radio systems). This book is available at scanner stores and I believe also at ham radio stores. Look around. It might be hard to find, as opposed to Chicken Shack on every corner, but at least the information is much more reliable.

DISCLAIMER for all those PC right wing bastards out there:
This post is from California, and may not apply to your area. But look around, for it may very well exist. I will hunt down more info and post it, but at least it will give you a start on finding a multitude of freqs.

---------------------------==>> demon@inferno.com
---------------------------==>> Silicon Valley, CA
DISCLAIMER:
There is none.If you take offense, see a shrink.
FLAMES:
Yeah go on and send them, just don't bore me.
KIND INFO:
Feel free to send me anything that might be helpful.

7047. Pro 2006

Newsgroup: rec.radio.scanner
Date: 1994-07-30 02:46:50 UTC
From: bobl@netcom.com
Message-ID: <boblCtqFq2.DDt@netcom.com>
Source record: 271116

I was reading the service manual for my Pro 2006 and on page 73 in the appendix there is a table listing diodes D502, D504, and resistor R801. I know cutting D502 frees up 800mhz but want does R801 do? D504 I think cuts out some feq range because it's only used in Australia, U.K., and Belguim. I anyone knows the answer I would love to be enlightened.

7048. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-30 04:07:37 UTC
From: whs70@dancer.cc.bellcore.com
Message-ID: <31cjm9$1sn@dancer.cc.bellcore.com>
Source record: 271029

In article <netnewsCtpG31.K8o@netcom.com>,
Bennett Z. Kobb <bkobb@newsignals.com> wrote:
>In article <318o39$olv@dancer.cc.bellcore.com>
>whs70@dancer.cc.bellcore.com (sohl,william h) writes:
>
>> And nothing in what the FCC said above addresses kits.
>> Nothing in the FCC text ever specified any prohibition against kits.
>
>It did not exempt kits from the existing regulations. The FCC placed kits under
>its regulations in 1989, in the top-to-bottom rewrite of Part 15.
>The FCC said: "Measurements demonstrating compliance with the relevant
>technical standards for verification or an application for Commission
>authorization shall be performed using assembled representative kits."
>
>"The lack of technical regulations for mass-marketed kits has resulted in a
>number of non-authorized devices being offered in kit form," the FCC added.

Then I suggest that this is the most ignored regulation in existence in
the electronics arena as every issue of any electronics hobby magazine
contains multiple "build it yourself" articles and such articles often
contain an offer to provide all the required parts along with a printed
circuit board. I think it's safe to say that none of those "kit packages"
ever went through an FCC part 15 certification.

>> Nor did the FCC ever see fit to specifically ban kits as can be seen in
>> the text of the language that was finally adopted.
>
>It didn't have to specifically ban kits, because the ban applied to the devices
>period: both manufactured and kit versions.

As above, this would sure seem to be an are of regulation that is
wholly ignored today by the FCC.

>Can you imagine them saying, "Oops! We forgot to ban kits! What idiots we are:
>all this trouble to ban frequency converters and scanners and it doesn't matter
>cause they can still sell kits!" Not likely... ;-)

Actually, it wouldn't surprise me to see such a lapse in governmental
oversight.

Bringing up my example above again. Do you claim that a magazine
construction article for a block converter is in any violation of the
ban?

If a supplier offers a package of the component parts specified in the
article, is that in violation if no schematic is included.

Lets face it, there's no way the government can eliminate the construction
of block converters...even if the law said anyone doing so would be in
violation. The "underground" of information sources on construction
would continue and the parts availability simply can't be eliminated
(because the parts for a block converter are generic and used in many
different electronic devices).

As to the Ramsey kit that was mentioned in the original post that started
this discussion...I'd find it difficult to imagine that Ramsey would
risk governemntal prosecution/fines/etc. if they are really violating
current regulation by selling a cellular converter kit. Could the
lawyers for Ramsey be that stupid?

Personally, I could care less about listening to cellular, I just find
the current efforts to "ban listening and equipment" to be both
a waste of timne and totally unenforceable.

Cheers,

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

7049. Re: CAN MOTOROLA PORTABLE BE USED AS A SCANNER?

Newsgroup: rec.radio.scanner
Date: 1994-07-30 04:16:56 UTC
From: tipping@vertigo.helix.net
Message-ID: <31ck7o$pqk@vertigo.helix.net>
Source record: 271086
Cross-posted to: rec.radio.scanner,alt.radio.scanner

In article <313gpc$aaj@athos.cc.bellcore.com>,
parikh,dharmesh d <dharm@pyuxe.cc.bellcore.com> wrote:
>
>I have Motorola Microtac Ultralight cellular phone.
>Can that be used as a scanner ?
>
>Please post replies to this group.
>
>Thanks.
>
>
Hmm.. Not sure, I know that the entire line of Flip-phones can be
re-programmed through a PC-serial interface. Not sure of the details.

I know, however that my Diamondtel 22X CAN.

Matt

--
Matt Tipping
[tipping@unixg.ubc.ca]
[tipping@helix.net]

7050. Re: Radio idiosyncrasies

Newsgroup: rec.radio.scanner
Date: 1994-07-30 04:49:53 UTC
From: DPalmer@ix.netcom.com
Message-ID: <31cm5h$r04@ixnews1.ix.netcom.com>
Source record: 271089

In <020595SEXANSADVKHUFC@inferno.com> demon@inferno.com writes:
>There is a book and disk published that has detailed listings of city,
>county and state freqs, Inputs and PL tones. I believe it is a GMRS
>book, but don't quote me on that. Most of the files on the disk aer text
>files ending with .GRS (Govt radio systems). This book is available at
>scanner stores and I believe also at ham radio stores. Look around. It
>might be hard to find, as opposed to Chicken Shack on every corner, but
>at least the information is much more reliable.

Yes, the best Frequency Guide to the Golden State. Government Radio
Systems.
My 1988 version lists it's address as:
Mobile Radio Resources
2661 Carol Dr
San Jose, CA 95125
(408) 292-4342

I do find useful info in Police Call, you just can't have enough frequency
guides.<G>
--

David Palmer DPalmer@ix.netcom.com
Monterey, California

7051. Frequency counters

Newsgroup: rec.radio.scanner
Date: 1994-07-30 06:37:07 UTC
From: linley@netcom.com
Message-ID: <linleyCtqqDw.Myu@netcom.com>
Source record: 271092

I'm surprised that frequency counters aren't mentioned more often in this group. Maybe this is due to frequency counters being used only by the hard-core scanner enthusists or more likely, a lot of people just don't know what they are. Even in the Intro to Scanning FAQ, frequency counters are mentioned only in a single sentence ("I've used [...] a frequency counter for close-in work"). In response, I have put together a mini-FAQ for frequency counters.

So what is a frequency counter?

Basically, a frequency counter picks up and displays the frequency of the nearest transmitter (that's transmitting).

But I've got Police Call (or similar). Why do I need a frequency counter?

For one thing, published lists of frequencies sometimes hold out of date information. Frequency assignments are not carved in stone and are constantly changing. Your local police dept listed at 155.445 may have since upgraded to a new UHF system or added new channels and you won't know about them until next year when the next frequency list is published. Also, you may be unable to find the local high school frequency you're looking for because the school is actually transmitting on a local unused police frequency. Worse though, is when you try to look up the frequency of the fire station 3 blocks away only to be befuddled by a list of frequencies for the entire dept. that takes up two pages of fine print. Lastly, many publications do not cover local business frequencies because the list for any wide area publication would be enormous. With a frequency counter you find exactly what you're looking for.

So how do I use it?

For base stations, a frequency counter will usually lock onto the desired frequency anywhere near the transmitting antenna. Sit out in front of the police or fire station and wait for the counter to lock onto a frequency. A hold button is handy when transmissions are too short for you to be able to remember the displayed frequency. For taxicab/bus/shuttle frequencies, just take the frequency counter into the vehicle and wait for the driver to transmit (remember that these frequencies are likely to be the input frequencies). If the desired frequency is someone's walkie-talkie frequency, you may have to get really close to lock onto the frequency, depending on the transmitter's power output and the sensitivity of your frequency counter. If you know the person, you can get them to key up for you (to ask the time or something), and the frequency counter will do the rest. Don't get in the person's way though. And beware at airports. Frequency counters bear an uncanny resemblance to the stereotype remote control bomb detonator.

But frequency counters are really expensive, right?

Not really. They can be had for as little as $99 (at Radio Shack) to a few hundred dollars (for some of the Opto-Electronics models). The price differences reflect the frequency ranges covered, sensitivity and features. For scanner frequency hunting, you'll want a model that covers 30-1000MHz. A hold button is also very handy to freeze the display when transmissions are short.

--
Bruce James Robert Linley ---- linley@netcom.com ---- Amateur radio: KE6EQZ
=-=-=-=-=-=-=-=-=-=-=-= "This is glue. Strong stuff." =-=-=-=-=-=-=-=-=-=-=-=

7052. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-30 06:39:39 UTC
From: chuck62@freenet3.scri.fsu.edu
Message-ID: <31csjb$85k@freenet3.scri.fsu.edu>
Source record: 271093

Andy Domonkos (domonkos@access.digex.net) wrote:
: In article <CtKBEC.8Gp@wang.com>, Dave Bushong wrote:
: > Whenever a statement starts with "The last I heard, they..." I
: > question it. I'm not saying that Mr. Banks is full of crap or
: > paranoid, but...(Legal stuff deleted)
: > There would seem to be no reason to outlaw image reception since the
: > wording is sweeping, i.e., "through the use of any...device".
OK OK. I understand that you don't know me from Adam's house-cat, so I won't take offense to being grouped in with rumour-mongering, Enquirer reading, ignorant people who sometimes pop up here from time to time, (or the fact that you called me Mr.Banks). I am not a professional reporter, nor do I play one on TV, so let me thank you for pointing out that you would appreciate references for my comments, (so to speak).
July, 1993 issue of The World Scanner Report says "It seems that the New Jersey Attorney General office sent a threatening letter to Tandy Corporation charging some obscure violation of law because their cheaper 800-MHz scanners could receive cellular telephone calls by way of tuning to out of band image frequencies! This threatening letter caused Radio Shack to scurry about in terror, pulling ALL their dual-conversion 800-MHz scanners from the store shelves! Now get this: the TRIPLE-conversion PRO-2006 and PRO-43, both of which can tune the CMT bands with a minor modification, are not impacted by the NJ Attorney General's threats! We don't know the gory details of this situation, but it seems they are trying to set a precedent for the outlawing of reception by image frequency interference! ... See "Monitoring Times", July-1993, p6 for the latest on this hokey issue."
Now, happy?
: > It's amusing to me. You elect these people and then gripe about what
: > they do to you. You deserve what you settle for.
Who's settled? I'm trying to do something by posting here in a public forum, where I hope we can put the heat on some of these crooks.

: I'm proud to proclaim I haven't voted for ANY re-incumbent the past two
: elections. You want change, you have to make it happen...
: Scanners w/out receiving images? If you're serious then our politicians and the lobbies pushing them are bigger dum-asses than I previously thought!: Andy
Not dumb, just business (and greed). By the way, I think Dave has assumed that I'm somehow responsible for putting these people in office. I hope everybody actually got the point of my original posting now.

ASS-U-ME: Makes an ass out of u and me.

chuck62@freenet.fsu.edu

7053. Re: AOR8000 in Shortwave Magazine

Newsgroup: rec.radio.scanner
Date: 1994-07-30 11:41:37 UTC
From: schuster@panix.com
Message-ID: <31de9h$a1b@panix3.panix.com>
Source record: 271114

In article <CtqFDo.Dvz@sgb.oau.org>, Steven Bradley <steven@sgb.oau.org> wrote:
>Steven Bradley (steven@sgb.oau.org) wrote:
>
>I do not normally make a follow-up to my own comments. But that copy of
>Shortwave Magazine mentioned above is now in my hands... It's well worth
>buying a copy -- particularly if you want any model of U.S. scanner with
>FULL CELLULAR coverage. The Pro-2006, Pro-43, ComTel 203/204/205, they
>are all readily available from a wide choice of dealers. Also do not
>forget that while duties will have to be paid, you do not have to pay
>VAT taxes (17.5%)!

Whoa!!!!

Danger, Will Robinson!

Besides the potential problem of importing a scanner that is not legal
here, you should be aware that cellular channels are not spaced 30 KHz
apart in UK.

So any cellular-capable scanner you buy form there will not land on the
proper frequencies for US cellular channels. If it's something like the
Yupi or AR8000, where you can manually choose the channel increment, that
isn't a problem. But the equivalent of the PRO-43, for instance, could
present major headaches.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

7054. PRO-43 800 mod looses 46!

Newsgroup: rec.radio.scanner
Date: 1994-07-30 14:07:08 UTC
From: copeland@metronet.com
Message-ID: <CtrB7x.JFH@metronet.com>
Source record: 271104

I installed the cellular mod in my PRO-43 and now 46mhz range is gone.
The bank still scans these frequencies, but picks up nothing.

All I did was remove D4. I did not reinstall the diode to D3 to extend the
50-80 band.

Do I have to lose 46mhz range to get 800mhz coverage?

--

| copeland@metronet.com |

7055. Frequency Counter

Newsgroup: rec.radio.scanner
Date: 1994-07-30 14:09:00 UTC
From: marty.toomajian@woodybbs.com
Message-ID: <93.399.7592.0NFB2CDD@woodybbs.com>
Source record: 271014

You have decided to purchase a frequency counter in the $100 to $200
price range. What should your decision be? The Optoeclectronics
M-1 counter at $229 is the best choice. This is the second counter
that I have owned and I am very happy with its performance. The
first was an Opto 2800 which was fine. I am much happier with the
M-1. It has a digital filter that just works great in removing the
background noise from the counter's display. With the filter on and
the capture function off, the counter shows the last frequency that
it has read. In other words, if a new frequency is picked up it
will show up in the display. This is not perfect as the M-1 has
tried to do more than this (with its 3 memory register),but it's great
considering the price. I don't use the memory function much at all.
There is a new Opto out that automatically logs 250 frequencies, but
it is dear at $399.
The phone number is 800-327-5912
I bought mine for $219 at a Hamfest from Ramsey Electronics.
I am of course suggesting that the extra $29 is well spent and that
to limit yourself to $200 is a bad idea.
---
* Origin: Radio FREQS' Latham, NY (518) 782-0507 (1:267/103)

7056. Re: AOR8000 in Shortwave Magazine

Newsgroup: rec.radio.scanner
Date: 1994-07-30 14:36:12 UTC
From: joe@netcom.com
Message-ID: <joeCtrCKC.JG3@netcom.com>
Source record: 271102

What is the danger of customs seizing the scanner? I know you can
use for Visa card for ordering scanners.

--Joe

--

Joseph Jesson joe@netcom.com Day (312) 856-3645 Eve (708) 356-6817
21414 W. Honey Lane, Lake Villa, IL, 60046

7057. Re: All bands vs. Discone (was Re: Discone antenna)

Newsgroup: rec.radio.scanner
Date: 1994-07-30 14:44:29 UTC
From: ah335@cleveland.Freenet.Edu
Message-ID: <31dp0e$24f@usenet.INS.CWRU.Edu>
Source record: 271101

In a previous article, brett_miller@ccm.hf.intel.com (Brett Miller - N7OLQ) says:

>In article <19940725.164518.877@vnet.ibm.com> pdennis@vnet.ibm.com (Phil Dennis) writes:
>
>>This may be a stupid question, but that's what we're all here
>>for anyhow.....
>
>>I was considering an all band antenna to put in my attic. Problem
>>is that I really have no way to "ground" it. The question is, do
>>I really NEED a good grounding connection or what? Any help
>>would be appreciated.
>
>It will work just fine ungrounded.
>
>
>
>Brett Miller N7OLQ brett_miller@ccm.hf.intel.com
>Intel Corp.
>American Fork, UT
>

I notice some frequencies come in better grounded and some recept
better ungrounded.

For example when my all-band IS grounded 108-140 MHz receive better.
When it IS NOT grounded I get cellular in better.

Any care to try to explain?

7058. Identifying a 2006

Newsgroup: rec.radio.scanner
Date: 1994-07-30 14:53:21 UTC
From: hwang@netcom.com
Message-ID: <hwangCtrDCy.Hv7@netcom.com>
Source record: 271103

--

Ed Hwang hwang@netcom.com
San Jose, California

7059. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-30 16:06:29 UTC
From: bkobb@newsignals.com
Message-ID: <netnewsCtrGqt.HFs@netcom.com>
Source record: 271105

Scan Ban Fans,

I'll respond in this message to comments from several of your postings. I hope you don't mind if I don't include the attributions.

I participate in this thread because I learn new things. Especially if someone has evidence that my understanding of the scanner ban is wrong, I'm very interested in that. I'm not interested in winning an argument.

By the way, we should be careful to distinguish between the TDDRA scanner ban passed by Congress and the ban as actually implemented by the FCC in its regulations. They are two different things.

Steven Bradley suggested that the FCC could have told the Congress to go to hell (my paraphrasing). The FCC did do this early on when it stated its opinion of the ECPA. The FCC said that the existing regulations were fine and that ECPA was not needed and could even make it difficult for citizens to report interference (which the ECPA does).

That letter went down like a ton of bricks on Capitol Hill. It became obvious that ECPA's boosters were not going to get cheering support from the FCC. They did not get it from the FBI, originally, either, which is described in the New York Law Review article cited earlier. The FBI eventually turned around when it got its wish list items granted by other parts of the ECPA.

To this day I have never seen the FCC endorse or support the ECPA. It has consistently said only that it is *Congress' position* "that reception of cellular communications by means of scanning receivers is a serious problem that must be resolved expeditiously" (see the Kenwood thread). The FCC is obligated to follow the law, of course.

Let's go to the phones!

>They do sell it as assembled OR as a kit. They could stop selling it
>assembled IF they were officially told to do so. No argument there.
>However, as a converter it does NOT require an FCC approval

The converters we've been talking about are banned. I think the question is whether or not kit versions are banned.

>I guess the next thing you will say is it will be illegal to buy
>certain components in the U.S. which COULD BE USED in making a
>receiver or scanner. Nazi Germany, U.S. style! Wheeeee! Way to go

I do not say that. There is a long history of cases dealing with what is a "subassembly" and what is a package of parts, etc., for purposes of whether that assembly or those parts have to be FCC authorized. The FCC makes a decision about what it has to authorize and what it doesn't. They don't regulate diodes, knobs, power supplies. The cases on kits, on the other hand, are probably slim (see further down).

>A 400-512Mhz scanner does not cover the cellular band. How does a
>converter that converts a range of frequencies not targetted
>particularly for cellular reception fall into a restricted category?

It does because the converter must be incapable of operating, tuning or readily being altered by the user to operate or tune within the cellular bands. All the manufacturer has to show is that the converter or scanner leaves cellular out. If it covers a wide range of frequencies other than cellular (for example the SMR and 800 MHz public safety bands) it still must block cellular.

One of the points we made repeatedly to the Judiciary Committee during the ECPA hearings was that 800 MHz scanners did *not* originate with cellular; that people use them to listen to the new public safety systems just like scanner users have always listened to police and fire. The Congressional staffers thought that was an absolute crock and loudly rejected it on every occasion. PEOPLE BUY THESE SCANNERS TO LISTEN TO CELLULAR, they pounded away, and were told by the cellular lobbyists that 800 MHz coverage occurred only for cellular monitoring.

One Representative went beyond that by criticizing all scanner coverage. He angrily read from ads for scanners that advertised all the different radio services you can hear, including Amateur Radio, as if that was a terrible problem! Scanner users were painted as evil scum.

>Does the law restrict converters made specifically to convert the
>cell-range or the entire spectrum?

If it includes cellular it is banned, whether specifically for cellular or the whole spectrum or parts of it. There must be this hole in the coverage or it can't be sold.

>Last, how does this affect the NSA? Surely they have requirements for
>cell-capable receivers. If so, are they now breaking the law if they
>have access to cell-receivers?

No. 47 CFR 15.121(b) exempts scanners and converters that are manufactured exclusively for, and marketed exclusively to, providers of communication service or government officers or employees at the federal, state or local levels (18 USC 2512 (2)).

>I suggest that this is the most ignored regulation in existence in
>the electronics arena as every issue of any electronics hobby
>magazine contains multiple "build it yourself" articles and such
>articles often contain an offer to provide all the required parts
>along with a printed circuit board. I think it's safe to say that

>none of those "kit packages" ever went through an FCC part 15
>certification.

The suppliers probably don't know that the rules changed, especially since the FCC hasn't made a big deal of it, because they could get into a Pandora's box if it tried to enforce it except for particular egregious cases. Nevertheless it is there.

Kits are not a loophole. The FCC intended to regulate kits in the 87-389 rewrite. But I will follow up on this.

>Do you claim that a magazine construction article for a block
>converter is in any violation of the ban?

It is a ban on hardware, not on articles (First Amendment).

>If a supplier offers a package of the component parts specified in
>the article, is that in violation if no schematic is included.

I think the FCC would have to decide if that was a "kit" or not. See the definition of kits earlier in the thread. If it is a kit, and if kits are banned, then I suppose the package could be banned. A problem in answering is that the FCC regulation of kits is recent and there may be little or no case law on the books about it.

>Lets face it, there's no way the government can eliminate the
>construction of block converters...even if the law said anyone doing
>so would be in violation. The "underground" of information sources on
>construction would continue and the parts availability simply can't
>be eliminated (because the parts for a block converter are generic
>and used in many different electronic devices).

You could say the same thing about, say, CB "afterburners". The FCC loves to seize these. Have they eliminated them from the U.S.? No, and they never will for the reasons you cited.

>As to the Ramsey kit that was mentioned in the original post that
>started this discussion...I'd find it difficult to imagine that
>Ramsey would risk governemntal prosecution/fines/etc. if they are
>really violating current regulation by selling a cellular converter
>kit.

Good question. They are a major kit supplier, but are any of their kits FCC authorized? I think they are a great company, regardless.

>Personally, I could care less about listening to cellular, I just
>find the current efforts to "ban listening and equipment" to be both
>a waste of timne and totally unenforceable.

Those efforts put kids through college. It took a lot of time and energy to get the ECPA passed, and then to make the scanner ban a "rider" on otherwise innocuous legislation (the TDDRA) after failing in efforts to get it passed in other bills.

Bennett

7060. Re: antenna and cable

Newsgroup: rec.radio.scanner
Date: 1994-07-30 16:33:49 UTC
From: brian.oakley@chrysalis.org
Message-ID: <9407301633.0N9P402@chrysalis.org>
Source record: 271117

re the using a tv antenna for scanner beam: yes you can, since "most vhf frequencies are vertically polarized" <where did this idea come from?>, you can rotate the tv antenna about its boom 90 degrees, and it works fine, will work ok as it is but signal strength will be down for gmrs and commercial fm two way stuff.73. b.

7061. GOOD SCANNER + SHORTWAVE BBS

Newsgroup: rec.radio.scanner
Date: 1994-07-30 17:25:59 UTC
From: ar416@freenet.buffalo.edu
Message-ID: <CtrKFC.CEv@freenet.buffalo.edu>
Source record: 271033

I run a very informative Scanner, and Shortwave radio hobby
computer system "ShortWave Paradise". We have much up-to-date
frequency information for scanners for cities, counties, +
states all over the United States (so much so, you'll be
suprised!) Many info, and mod files too!
We are online 24 hours a day at (616) 383-4979.
Well worth checking out if you are looking for scanner, +
SW info. (We are even running the "NEW" Wildcat Ver. 4)
Check it out!

We offer a "Free" 15 day trial period too! Please call today!

--
Dale Vanderpoel- ShortWave Paradise
ar416@freenet.buffalo.edu

7062. AR-8000 Reviewed Here!

Newsgroup: rec.radio.scanner
Date: 1994-07-30 17:58:56 UTC
From: scollin@sapphire.win-uk.net
Message-ID: <96@sapphire.win-uk.net>
Source record: 271108

Dear All,

Thanks for your many requests concerning the AR-8000 review. There seems to be a lot of interest in this radio, so a review seems more than worthwhile.

Sorry for the delay since my promise of doing this review. The original AR-8000 I had turned out to be a pre-production prototype so I decided to wait until I could get a full production model before posting.

I have tried to find an answer to all your questions, but if there are any other requests please feel free to send them in. I expect to have the production AR-8000 for sometime to come.

-------------------------cut here----------------------------

Review of AOR AR-8000 handheld scanner
======================================

The AR-8000 is a wideband handheld scanner with a published coverage of 500 kHz - 1900 MHz for the UK (it can actually covers down to 100 kHz). Certain bands will be inhibited in other countries so that the radio complies with local regulations.

The full range of modes are provided: AM, NFM, WFM with the addition of USB, LSB and CW. The SSB modes do not rely on a manual BFO but use a dedicated carrier insertion oscillator like a quality shortwave radio. The frequency shown on the display is the true frequency (not offset).

Here is a run down of the specifications:

Frequency range: 500 kHz - 1900 MHz
Modes: AM, NFM, WFM, USB, LSB, CW
Frequency step sizes: 50, 100, 200, 500 Hz, 1, 2, 5
6.25, 9, 10, 12.5, 20, 25, 30
50, 100, 200, 250, 500 kHz or
any multiple of 50 Hz up to
999.995 kHz

Sensitivity:

500 kHz - 2.0 MHz: by field strength at internal ant.
2.0 MHz - 30 MHz: SSB 1.0uV, AM 3.0uV, NFM 1.5uV
30 MHz - 1.3 GHz: SSB 0.25uV, AM 1.0uV, NFM 0.35uV,
WFM 1.0uV
1.0 GHz - 1.3 GHz: NFM 1.0uV

1.3 GHz - 1.9 GHz: NFM 3.0uV

Selectivity:
SSB: 4 kHz (-6dB), 15 kHz (-50dB)
AM/NFM: 12 kHz (-6dB), 25 kHz (-60dB)
WFM: 180 kHz (-6dB), 800 kHz (-50dB)

Antenna impedance: 50 ohms

AF output (at 4.8V): 120mW (8 ohm) THD 10%

Power requirements: 4.6V Nicad
6.0V Manganese battery
Ext 9.0 - 16V

Power Consumption: 160mA (nominal)
110mA (standby)
20mA (power save)

Memory channels: 50 channels x 20 banks = 1000 total
Pass channels: 50 channels x 20 banks = 1000 total
Priority channel: 1

Scan/search rate: Approx. 30 channels per sec

Appearance and general use

The AR-8000 is neat and stylish in appearance and is distingushed from most other radios by the four row LCD alphanumeric display (more on this in the section below and throughout).

There are three rotary controls on the top of the radio: power/vol, squelch and tuning. The tuning knob is a click-stop type which duplicates the up/dn push buttons on the front panel when tuning. I liked the tuning knob because you can hold the radio in one hand and easily step up/dn the bands using the other.

Four sealed in push buttons are provided down the left side of the case. These allow the LCD back-light to be selected, secondary functions to be selected from front panel keys, the keypad to be locked, and (best feature) the squelch to be defeated so that it is forced open when a weak signal has been found.

The keypad itself comprises 20 rubber-like keys which have a positive feel.

You can power the set using internal batteries (nicads if preferred) or an external 12v dc supply.

A rubber duck antenna is provided and plugs into a high quality BNC connector. There is a 3.5mm "ear" socket next to the antenna BNC.

Selecting frequencies and modes is straight forward. You just type in the frequency and press ENT to change frequency. The mode is selected

using the 2nd function key and '7', then the up/dn keys or the rotary knob on the top of the radio.

The minimum tuning step size is 50 Hz.

One nice feature is the auto mode where you can make the radio select the appropriate mode for the band you are on automatically. This can be turned off if required.

When you first start using the radio, it operates in "new user" mode and some of the advanced functions are disabled. However, once you have got the hang of using the radio, you can select "expert user" mode and adjust some of the more complex parameters of the radio. Throughout this review I refer to "expert menus", these are only displayed when the radio is in expert mode.

The radio has a power save facility which lets you run the radio for long periods of time using the batteries as efficiently as possible. When the power save feature is ON, the radio switches OFF then ON periodically to save power. Only the RF circuitry is powered OFF, the CPU and display remain ON. The expert mode lets you alter the delay time (the period of time before the radio switches off after a signal has gone) and the cycle time (the period of time the radio is toggles OFF then ON while there is not signal).

The expert mode also lets you alter factory presets such as the lock detect time (VCO and PLL stablisation time), squelch detect time, the audio squelch detect time and the audio level required to open the audio squelch.

Alphanumeric display

The alphanumeric display has a variety of functions and becomes the main focus for your attention when operating the radio. The display is a dot-matrix type and has wide viewing angle which is at its optimum when the radio is held in the hand during normal operation.

There are two VFOs, both of which are displayed together with the mode and s-meter level. You can swap between VFOs with a push of a button. I particularly liked this feature - long overdue in any scanner.

At least 14 different menus or displays can be shown. At times, the display operates like a small vdu giving you a menu type display. At other times it is a comprehensive status display.

There is an 11 element panoramic (or spectrum) display on the third line) that shows you activity on adjacent channels. This proved to be an effective way of finding active channels nearby.

Memories

One thousand memory channels are provided in 20 banks of 50 channels. The banks are designated "A" thru "J" and "a" thru "j". The lower case memory banks can be password protected. Each memory channel has an address like "A00" or "J23" or "b34".

When you store a frequency in a memory channel you can add a 7 character comment. The comment helps with identifying channels held in memory and is very useful. The process of adding a text comment is easy: you just use the tuning knob on the top of the radio to select a character and the step keys to move the cursor backwards and forwards on the alphanumeric display.

There are a variety of memory editing factilties including copying a channel, moving a channel, swapping channels and deleting channels or banks. A system of menus is used on the alphanumeric display to help you through the steps required.

The password protection involves you entering a 4-digit number rather like the PIN number used with a bank ATM card. You enter the password whenever you want to access protected functions. Operation with the password is optional.

RF and scanning performance

Several IF filters have been provided (see specification above).

AM bandwidth is a bit wide for HF use but after an evening's listening on shortwave, I found the performance was quite impressive. This radio is best suited to listening to major broadcasters and has similar shortwave performance to a Sony SW-7600 or an AR-3000A (I have both radios available here). Performance can be improved by replacing the "rubber duck" antenna with a larger antenna tuned for HF reception and using the attenuator (if necessary) to prevent overload.

I talked to AOR (UK) about the choice of filters in the radio and was told that the radio was optimised for VHF use. Filters that are too narrow can cause signals to be missed if they are slightly off-tune. This seemed sensible to me since I have this problem with my Icom R-7100 which misses certain airband signals which are slightly off channel.

Most controversial is the choice of 4 kHz filter rather than the 2.4 kHz originally planned. I was told by AOR (UK) that the filters are standard parts and that different filters can be substituted with the minimum of effort. It should be possible to change the filter to whatever bandwidth you want.

Bearing in mind the filter, SSB performance is still quite good on HF allowing HF amateur radio and utility signals to be received clearly. Frequency stability is excellent through the use of true SSB.

The scanning speed is one of the most impressive features of this radio. Memory channel scans and search scans operate at 30 channels

per second.

There are very few spurious signals from within the radio and strong signal handling is very good. I live 2 miles from a 1 kW FM broadcaster and amongst several strong radio pager signals. I did not get any breakthrough from these signals on nearby bands, even when tuned to the nearby VHF weather satellite band.

The scanning facilities offered from the keypad is extensive and the speed of scanning VERY impressive. It is possible to alter the timings used and the behavior of the radio when new signals are found. By default (from the factory) the radio stops on active channels and dwells for 2 seconds before resuming the scan, but you can alter it in the range 0 - 9 seconds.

The expert menu lets you change 5 scan parameters in all: scan delay before resuming; audio squelch detection (ON/OFF); dwell time on active channels; the S-meter level required to stop scanning; all modes or just the selected mode to be allowed.

Up to 100 memory channels can be "tagged" so that only the most interesting are included in the scan. Memory banks can be "linked" in or out so that the selection of memory channels to be included in scans is very flexible (you can select both individual channels and banks).

One thousand pass channels are provided so that you can exclude channels from scans if you want. The radio will prevent you from entering the same frequency twice by checking to see if the new frequency is within +/-10 kHz of any others already "passed".

A single priority channel (memory channel A00) is provided.

A total of 20 search banks allow you to enter two frequency limits, mode, step size and a 7-character comment. The search banks are designated in the same way as the memory banks: "A" thru "J" and "a" thru "j". The lower case search banks can be password protected.

You can link search banks together (so you could have A, C, H, c, e, i for example).

Once again the expert menu allows you to alter the parameters of the search. You can alter four parameters (in fact equivalents of the first four scan parameters, you don't need to select the mode).

Here is something exciting!!!, the auto store search mode. Auto store operates during a scan and automatically copies the first 50 memory channels that are active into bank "J". This is particularly useful for finding active channels while the radio is left unattended.

RS-232 computer control

The AR-8000 marks itself out yet again through the provision of RS-232 control. I think this must be unique for a handheld. Not only does this radio have RS-232, it has the most extensive range of commands I have seen. It exceeds those offered on the ICOM R-7100 by a long way.

In addition to the normal range of tuning and S-meter commands, a range of frequency scanning, memory scanning and pass frequency commands are provided. This means you can have computer controlled scans at the full speed of the radio.

There are about 40 different RS-232 commands relating to scanning operations. You can control frequency ranges, memory channels, the squelch level and mode, delay and free times. This is unheard of in most radios let alone a handheld - very impressive.

You need a CU-8232 interface unit to connect your computer to the AR-8000. A short ribbon cable is inserted into a slot in the battery compartment and connects the radio to the interface. You then connect your computer through a two-wire link to the 9 way D-type connector on the CU-8232. The interface unit is powered from the radio.

You can also use the interface unit to copy memory data from one radio into another. This is yet another unique feature.

Summary

You only have to look at the range of facilities I have described to see that this radio is a real winner. Time and time again, new and genuinely useful features have been provided. This radio is unique and is hard to beat for value.

Don't take my word for it though - go and see the radio for yourself at a dealer.

Notable features:

Excellent manual written directly in English (not translated).
Range of RS-232 control commands (the best available I have seen).
Alphanumeric display giving clear easy to read information.
Panoramic (or spectrum) display.
Dual VFOs
Password protecting memory channels.
New user and expert modes of operation.
Copying memory data between radios.
Inbuilt ferrite rod antenna for MF coverage

The AOR AR-8000 retails for 449 pounds in the UK and is available from AOR (UK) Ltd., Adam Bede High Tech Centre, Derby Road, Wirksworth, Derbyshire DE4 4BG ENGLAND Tel: 0629 825926, Fax: 0629 825927.

E&OE

Simon Collings, G4SGI
Cheltenham, Gloucestershire, ENGLAND

7063. Re: Wire antenna on 46 mhz?

Newsgroup: rec.radio.scanner
Date: 1994-07-30 19:27:06 UTC
From: ad607@FreeNet.Carleton.CA
Message-ID: <Ctrq17.9w1@freenet.carleton.ca>
Source record: 271122

In a previous article, kcliao@UCI.EDU (Kuo Chin LIAO) says:

>I came across some messages on the forum regarding the usage of wire
>antenna attached to the existing scanner telescope antenna to pick up 46
>mhz signal and worked well....I would like to know more about this set up
>as far as exactly what type of "wire"is used and the way to install.
>
>I am now using a R.S. indoor TV antenna for my scanner and it seems work
>better than the telescope one. I would like to enhance this combination.
>
>Any comments is appreciated.
>
>KC Liao
>

I've seen several wire dipole antennae sold for 46-49 Mhz band. They have a BNC connector on the lead and I would quess some sort of balun matching device to impedence match the dipole to the 52 ohm input of the scanner. You can get a copy of the ARRL Antenna HandBook and build your own.. A ham radio store can supply you with the impedence matching balun, these are available with a coax to wire connectors.

73's

--
Darrell A. Larose.... ad607@freenet.carleton.ca
"..Just hitchhiking along the info highway..."

7064. Re: 2006-battery low

Newsgroup: rec.radio.scanner
Date: 1994-07-30 19:50:16 UTC
From: clay@panix.com
Message-ID: <clay.933.008A5409@panix.com>
Source record: 271034

In article <31aet6$igm@hebron.connected.com> toddw@connected.com (Todd Wilburn) writes:
>: In article <CtK364.BCp@freenet.carleton.ca>, aa666@FreeNet.Carleton.CA
>: (Margaret McCurdie) wrote:
>: > My Pro 2006 started beeping the battery low indicator - backup battery.
>: > I replaced the 9 volt with a new one and get the same thing after it has
>: > been running for a while.

>I too have run into this problem. After several years of use it started
>beeping and the battery is good and the connections are solid.

There is a modification to delete the keyboard beep:

Remove the cover and locate connector CN3, a 15-pin connector with colored
wires at the front of the main circuit board. There are two procedures which
will stop the beep tone from being heard through the speaker.

1. Find the center gray wire coming from CN3 and cut it midway to disable
the beep tone. You may wishe to solder a resitor in series to reduce the
beep volume, a trimpot to vary the volume of the beep tone, or a mini-
switch to choose between beep or no beep.

2. Using a pair of needle-nose pliers, CAREFULLY pry the plug from CN3,
revealing a row of pins. Locate the center pin (#8) which corresponds
to the gray wire and bend it down flat, disabling the beep circuit.
Reinsert the plug. The pin may be erected again later to restore the
beep tone.

- o - o
o - o o Clay Irving <clay@panix.com>
o - New York, New York
- o - -

7065. Re: Best Scanner Stories

Newsgroup: rec.radio.scanner
Date: 1994-07-30 19:52:41 UTC
From: glr@ripco.com
Message-ID: <Ctrr7u.7xG@rci.ripco.com>
Source record: 271035

Dan Morisseau (danm@connected.com) wrote:
: In article <313kuv$8ol@search01.news.aol.com>,
: AndyCl168 <andycl168@aol.com> wrote:
: >In article <311sn6$d3c@netnews.upenn.edu>, Soren Ragsdale
: ><soren_ragsdale@path1a.med.upenn.edu> writes:
: >
: >>Does anyone have some good scanner stories,...

: >The EPCA requires that you keep whatever you to yourself. Period.

According to a SECRET FBI MEMO from the special agent in charge of
the Detroit Office to the Director, I monitored and recorded the
tramissions of the FBI and attempt (I succeeded) to identify the
subject under surveillance.

My active monitoring of them, resulted in threats and harassment by the
FBI... the Justice Department investigated their harassment, and forced
one agent to waived his privacy and and 5th amendment rights and answer
their questions. Of course, all I got from the FBI was a say-nothing
two paragraph response that was prepared by the Special Staff of the
Intelligence Divison. My Congressman, got an additional, SECRET memo
on the matter.

Portions of the highly censored FBI records released under the Freedom
of Information Act, are available through my fax-on-demand service.

--

Glen L. Roberts, Publisher, Directory of Elect Surv Equip Suppliers
Host Full Disclosure Live (WWCR 5,810 khz - Sundays 7pm central)
Box 734, Antioch, Illinois 60002 Fax: (708) 838-0316
Voice/FAX on demand: (708) 356-9646 SSN-BASE: (708) 838-3378 (2400,N,8)

7066. Uniden Sportcat vs BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-30 20:33:00 UTC
From: lclaman@pipeline.com
Message-ID: <31edds$cgt@pipeline.com>
Source record: 271124

I'm new to scanning & looking to buy a handheld for myself.
A store near me has the Uniden Sportcat for $249, and the
Bearcat BC200XLT for $269. These seem to both have similar
feature (The 200XLT has a few more channels.) Can anyone offer
any advice on which may be better? Is the Sportcat modifiable
for extra freqs?

Thanks in advance.
-Larry

7067. Uniden Sportcat vs BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-30 20:34:52 UTC
From: lclaman@pipeline.com
Message-ID: <31edhc$cin@pipeline.com>
Source record: 271025

I'm new to scanning & looking to buy a handheld for myself.
A store near me has the Uniden Sportcat for $249, and the
Bearcat BC200XLT for $269. These seem to both have similar
feature (The 200XLT has a few more channels.) Can anyone offer
any advice on which may be better? Is the Sportcat modifiable
for extra freqs?

Thanks in advance.
-Larry

7068. Uniden Sportcat vs BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-30 20:39:13 UTC
From: claman@speedway.net
Message-ID: <31edph$e7p@access1.speedway.net>
Source record: 271111
Cross-posted to: rec.radio.scanner,alt.radio.scanner

I'm new to scanning & looking to buy a handheld for myself.
A store near me has the Uniden Sportcat for $249, and the
Bearcat BC200XLT for $269. These seem to both have similar
feature (The 200XLT has a few more channels.) Can anyone offer
any advice on which may be better? Is the Sportcat modifiable
for extra freqs?

Thanks in advance.
-Larry

--
Larry Claman
claman@speedway.net

7069. Re: Pleasanton, CA Freqs?

Newsgroup: rec.radio.scanner
Date: 1994-07-30 21:02:06 UTC
From: cgwh@chevron.com
Message-ID: <cgwh.43.000F096E@chevron.com>
Source record: 271026

In article <Cto6LI.EEF@butch.lmsc.lockheed.com> rpm@lmsc.lockheed.com (RPM) writes:

>Anybody have any good freqs for the Pleasanton, CA police department?
>I've tried the ones in Police Call, but there's no action on them. Maybe
>that's it. Maybe there's nothing happening in Pleasanton!

I believe Pleasanton has moved it's police ops to the trunked system used by
Livermore. Someone told me that happened not to long ago so Police Call may
be out of date.

Curtis Wheeler CGWH@CHEVRON.COM San Ramon, CA
KD6ELA / GROL PG10-25691 / Pvt. Pilot ASEL

7070. SW,SCANNER,HAM MODS out the gizoo

Newsgroup: rec.radio.scanner
Date: 1994-07-30 22:02:53 UTC
From: copeland@metronet.com
Message-ID: <Ctrx8u.9yE@metronet.com>
Source record: 271030
Cross-posted to: rec.radio.shortwave,rec.radio.scanner

I was in need of a mod, and after some work found these at nic.funet.fi
Thought some out there may be interested in this list.

```
ftp nic.funet.fi
Connected to nic.funet.fi.
ftp> cd pub/ham/rigmods
ftp> ls
-rw-r--r-- 1 mto ftp 4277 Jun 15 1993 2010.adj
-rw-r--r-- 1 mto ftp 4347 Jun 15 1993 2010freq.txt
-rw-r--r-- 1 mto ftp 1061 Nov 7 1991 56kbfix.mod
-rw-r--r-- 1 mto ftp 8974 Jun 15 1993 741a-mods.zip
-rw-r--r-- 1 mto ftp 479 Nov 7 1991 760xlt.mod
-rw-r--r-- 1 mto ftp 16575 Jun 15 1993 AOR_AR-1500
-rw-r--r-- 1 mto ftp 1862 Jun 15 1993 ATS803A_and_DX440_mod
-rw-r--r-- 1 mto ftp 1698 Jun 15 1993 BBC-estimates
-rw-r--r-- 1 mto ftp 155310 Jun 15 1993 DJ-580
-rw-r--r-- 1 mto ftp 2175 Jun 15 1993 DX440
-rw-r--r-- 1 mto ftp 15376 Jun 15 1993 DX440.mod
-rw-r--r-- 1 mto ftp 3876 Jun 15 1993 HF-250
-rw-r--r-- 1 mto ftp 1412 Sep 23 1993 ICW21AT.mod
-rw-r--r-- 1 mto ftp 15039 Jun 15 1993 IcomICR7100
-rw-r--r-- 1 mto ftp 1743 Jun 15 1993 Icom_memoryboard
-rw-r--r-- 1 mto ftp 2608 Jun 15 1993 TH28A
-rw-r--r-- 1 mto ftp 2777 Nov 7 1991 allband.mod
-rw-r--r-- 1 mto ftp 2090 Nov 7 1991 alr22t.mod
-rw-r--r-- 1 mto ftp 1241 Sep 13 1993 aor1000.priority.mod
-rw-r--r-- 1 mto ftp 1619 Sep 20 1993 aor300.priority.mod
-rw-r--r-- 1 mto ftp 1862 Sep 30 1993 ats803a.mod
-rw-r--r-- 1 mto ftp 966 Sep 30 1993 bc175xl.mod
-rw-r--r-- 1 mto ftp 19528 Jun 15 1993 bc200.mod
-rw-r--r-- 1 mto ftp 2390 Jun 15 1993 bc200xlt.cpu
-rw-r--r-- 1 mto ftp 4125 Nov 7 1991 bc205xlt.mod
-rw-r--r-- 1 mto ftp 479 Sep 30 1993 bc760xlt.mod
-rw-r--r-- 1 mto ftp 3027 Jun 21 1993 bc855.mod
-rw-r--r-- 1 mto ftp 3691 Aug 1 1993 bc855xlt.mod
-rw-r--r-- 1 mto ftp 672 Jul 8 1993 bc890xlt
-rw-r--r-- 1 mto ftp 9899 Jun 15 1993 c528.mod
-rw-r--r-- 1 mto ftp 4806 Sep 30 1993 c52x-2.mod
-rw-r--r-- 1 mto ftp 5285 Sep 30 1993 c52x-3.mod
-rw-r--r-- 1 mto ftp 7561 Sep 30 1993 c52x.mod
-rw-r--r-- 1 mto ftp 4132 Jun 15 1993 c558.mod
-rw-r--r-- 1 mto ftp 1214 Sep 30 1993 c5608.mod
-rw-r--r-- 1 mto ftp 4376 Sep 30 1993 cordless-phone.mod
```

```
-rw-r--r-- 1 mto ftp 1090 Jun 15 1993 dj120.mod
-rw-r--r-- 1 mto ftp 1593 Jun 15 1993 dj162.mod
-rw-r--r-- 1 mto ftp 2807 Nov 7 1991 dj500.mod
-rw-r--r-- 1 mto ftp 1213 Jun 15 1993 dj560.mod
-rw-r--r-- 1 mto ftp 1397 Jul 8 1993 dj580.2
-rw-r--r-- 1 mto ftp 1950 Jun 15 1993 dj580.mod
-rw-r--r-- 1 mto ftp 770 Jul 8 1993 dj580t.1
-rw-r--r-- 1 mto ftp 1553 Jul 8 1993 dj580t.2
-rw-r--r-- 1 mto ftp 2570 Jun 15 1993 djf1t.mod
-rw-r--r-- 1 mto ftp 380 Sep 30 1993 dr110d.mod
-rw-r--r-- 1 mto ftp 406 Sep 30 1993 dr110t.mod
-rw-r--r-- 1 mto ftp 1095 Jul 8 1993 dr119t
-rw-r--r-- 1 mto ftp 2232 Jun 15 1993 dr1200-1.mod
-rw-r--r-- 1 mto ftp 1334 Jun 15 1993 dr1200.mod
-rw-r--r-- 1 mto ftp 2144 Jun 15 1993 dr1200t.mod
-rw-r--r-- 1 mto ftp 1272 Jun 15 1993 dr130.mod
-rw-r--r-- 1 mto ftp 4077 Nov 7 1991 dr510.mod
-rw-r--r-- 1 mto ftp 886 Jun 15 1993 dr570.mod
-rw-r--r-- 1 mto ftp 556 Sep 30 1993 dr570t.mod
-rw-r--r-- 1 mto ftp 1876 Jun 15 1993 dr599t.mod
-rw-r--r-- 1 mto ftp 1781 Jul 30 1993 dr600.1
-rw-r--r-- 1 mto ftp 1826 Sep 30 1993 dr600.mod
-rw-r--r-- 1 mto ftp 2175 Sep 30 1993 dx440-2.mod
-rw-r--r-- 1 mto ftp 1862 Sep 30 1993 dx440-3.mod
-rw-r--r-- 1 mto ftp 15376 Sep 30 1993 dx440.mod
-rw-r--r-- 1 mto ftp 16272 Sep 23 1993 f723R.review_and_mod
-rw-r--r-- 1 mto ftp 1203 Jun 15 1993 ft1000.mod
-rw-r--r-- 1 mto ftp 2581 Nov 7 1991 ft101e.mod
-rw-r--r-- 1 mto ftp 1007 Nov 7 1991 ft209rh.mod
-rw-r--r-- 1 mto ftp 1314 Nov 7 1991 ft212rh.mod
-rw-r--r-- 1 mto ftp 5240 Jun 15 1993 ft23-33-73.mod
-rw-r--r-- 1 mto ftp 4711 Jun 15 1993 ft23-73-211.mod
-rw-r--r-- 1 mto ftp 758 Nov 7 1991 ft23r.mod
-rw-r--r-- 1 mto ftp 1106 Jun 15 1993 ft2400-1.mod
-rw-r--r-- 1 mto ftp 942 Jun 15 1993 ft2400.mod
-rw-r--r-- 1 mto ftp 5240 Sep 30 1993 ft33r.mod
-rw-r--r-- 1 mto ftp 8103 Jun 15 1993 ft411-1.mod
-rw-r--r-- 1 mto ftp 1026 Jun 15 1993 ft411-2.mod
-rw-r--r-- 1 mto ftp 4698 Nov 7 1991 ft411.mod
-rw-r--r-- 1 mto ftp 1641 Jun 15 1993 ft415-815.mod
-rw-r--r-- 1 mto ftp 37144 Jun 15 1993 ft470-1.mod
-rw-r--r-- 1 mto ftp 9714 Nov 7 1991 ft470-2.mod
-rw-r--r-- 1 mto ftp 1900 Nov 7 1991 ft470-3.mod
-rw-r--r-- 1 mto ftp 37144 Sep 30 1993 ft470-4.mod
-rw-r--r-- 1 mto ftp 4128 Sep 30 1993 ft470-5.mod
-rw-r--r-- 1 mto ftp 1483 Sep 30 1993 ft470-6.mod
-rw-r--r-- 1 mto ftp 3106 Sep 30 1993 ft470-packet.mod
-rw-r--r-- 1 mto ftp 970 Jul 8 1993 ft470.16
-rw-r--r-- 1 mto ftp 96 Nov 7 1991 ft470.mod
-rw-r--r-- 1 mto ftp 1152 Nov 7 1991 ft4700.mod
```

```
-rw-r--r-- 1 mto ftp 1611 Jun 15 1993 ft5100-1.mod
-rw-r--r-- 1 mto ftp 17382 Jun 15 1993 ft5100-2.mod
-rw-r--r-- 1 mto ftp 1611 Sep 30 1993 ft5100-3.mod
-rw-r--r-- 1 mto ftp 2985 Sep 30 1993 ft5100-4.mod
-rw-r--r-- 1 mto ftp 2985 Jun 15 1993 ft5100.int
-rw-r--r-- 1 mto ftp 2700 Jun 15 1993 ft5100.mod
-rw-r--r-- 1 mto ftp 2384 Sep 21 1993 ft5200.2
-rw-r--r-- 1 mto ftp 5079 Jun 15 1993 ft5200.mod
-rw-r--r-- 1 mto ftp 2972 Jun 15 1993 ft530.mod
-rw-r--r-- 1 mto ftp 999 Jun 15 1993 ft650.mod
-rw-r--r-- 1 mto ftp 958 May 11 1993 ft726r.3
-rw-r--r-- 1 mto ftp 1131 Jun 15 1993 ft726r.mod
-rw-r--r-- 1 mto ftp 2443 Nov 7 1991 ft727cat.mod
-rw-r--r-- 1 mto ftp 1045 Nov 7 1991 ft727r.mod
-rw-r--r-- 1 mto ftp 1137 Jul 8 1993 ft736r.6
-rw-r--r-- 1 mto ftp 186 Jul 8 1993 ft736r.idx
-rw-r--r-- 1 mto ftp 1735 Jun 15 1993 ft736r.mod
-rw-r--r-- 1 mto ftp 4711 Sep 30 1993 ft73r-2.mod
-rw-r--r-- 1 mto ftp 5240 Sep 30 1993 ft73r.mod
-rw-r--r-- 1 mto ftp 1386 Jun 15 1993 ft747.mod
-rw-r--r-- 1 mto ftp 1188 Nov 7 1991 ft747gx.mod
-rw-r--r-- 1 mto ftp 1091 Jun 15 1993 ft757.mod
-rw-r--r-- 1 mto ftp 1158 Jun 15 1993 ft757gx.mod
-rw-r--r-- 1 mto ftp 1423 Nov 7 1991 ft767gx.mod
-rw-r--r-- 1 mto ftp 1449 Sep 30 1993 ft815.mod
-rw-r--r-- 1 mto ftp 1537 Jun 15 1993 ft890.mod
-rw-r--r-- 1 mto ftp 1188 Jun 15 1993 ft990-1.mod
-rw-r--r-- 1 mto ftp 1203 Jun 15 1993 ft990-2.mod
-rw-r--r-- 1 mto ftp 2616 Jun 15 1993 ft990-3.mod
-rw-r--r-- 1 mto ftp 1188 Sep 30 1993 ft990-4.mod
-rw-r--r-- 1 mto ftp 1138 Jun 15 1993 ft990.mod
-rw-r--r-- 1 mto ftp 1376 Sep 30 1993 ftr146.mod
-rw-r--r-- 1 mto ftp 1069 Jun 15 1993 fx146.mod
-rw-r--r-- 1 mto ftp 1376 Sep 30 1993 fx440.mod
-rw-r--r-- 1 mto ftp 569 Aug 30 1993 ge.phone
-rw-r--r-- 1 mto ftp 11676 Jun 15 1993 ge_mvp.mod
-rw-r--r-- 1 mto ftp 10967 Jun 15 1993 hb-232
-rw-r--r-- 1 mto ftp 4308 Sep 30 1993 hr2510-2.mod
-rw-r--r-- 1 mto ftp 1588 Sep 30 1993 hr2510.mod
-rw-r--r-- 1 mto ftp 6871 Jun 15 1993 htx101.mod
-rw-r--r-- 1 mto ftp 3647 Jul 30 1993 htx202
-rw-r--r-- 1 mto ftp 980 Jun 15 1993 hw-24.mod
-rw-r--r-- 1 mto ftp 3558 Sep 30 1993 hw24t.mod
-rw-r--r-- 1 mto ftp 2006 Nov 7 1991 ic-24.mod
-rw-r--r-- 1 mto ftp 1158 Nov 7 1991 ic-mu2.mod
-rw-r--r-- 1 mto ftp 1143 Jun 15 1993 ic-p2at.mod
-rw-r--r-- 1 mto ftp 1199 Nov 7 1991 ic02-2.mod
-rw-r--r-- 1 mto ftp 837 Nov 7 1991 ic02-3.mod
-rw-r--r-- 1 mto ftp 2031 Nov 7 1991 ic02.mod
-rw-r--r-- 1 mto ftp 1845 Nov 7 1991 ic04.mod
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-rw-r--r-- 1 mto ftp 8348 Sep 30 1993 ic229.mod
-rw-r--r-- 1 mto ftp 1713 Sep 21 1993 ic229h.1
-rw-r--r-- 1 mto ftp 1013 Jul 8 1993 ic2330a
-rw-r--r-- 1 mto ftp 936 Nov 7 1991 ic24-2.mod
-rw-r--r-- 1 mto ftp 5159 Nov 7 1991 ic24-3.mod
-rw-r--r-- 1 mto ftp 2152 Jul 30 1993 ic2410.10
-rw-r--r-- 1 mto ftp 6541 Jun 15 1993 ic2410.mod
-rw-r--r-- 1 mto ftp 2698 Sep 21 1993 ic2410h
-rw-r--r-- 1 mto ftp 465 Nov 7 1991 ic28.mod
-rw-r--r-- 1 mto ftp 2365 Jul 30 1993 ic2at.5
-rw-r--r-- 1 mto ftp 2636 Jun 15 1993 ic2at.mod
-rw-r--r-- 1 mto ftp 1340 Sep 21 1993 ic2ia
-rw-r--r-- 1 mto ftp 7967 Nov 7 1991 ic2sat-2.mod
-rw-r--r-- 1 mto ftp 4894 Nov 7 1991 ic2sat.mod
-rw-r--r-- 1 mto ftp 8413 Jun 15 1993 ic2sra.mod
-rw-r--r-- 1 mto ftp 2622 Nov 7 1991 ic32-2.mod
-rw-r--r-- 1 mto ftp 2439 Nov 7 1991 ic32.mod
-rw-r--r-- 1 mto ftp 440 Nov 7 1991 ic3200a.mod
-rw-r--r-- 1 mto ftp 1897 Sep 30 1993 ic32at.mod
-rw-r--r-- 1 mto ftp 3822 Nov 7 1991 ic37.mod
-rw-r--r-- 1 mto ftp 160 Sep 30 1993 ic720.mod
-rw-r--r-- 1 mto ftp 1373 Nov 7 1991 ic735ibm.mod
-rw-r--r-- 1 mto ftp 160 Sep 30 1993 ic745.mod
-rw-r--r-- 1 mto ftp 196 Sep 30 1993 ic751-2.mod
-rw-r--r-- 1 mto ftp 7758 Jun 15 1993 ic751.mod
-rw-r--r-- 1 mto ftp 2866 Nov 7 1991 ic900.mod
-rw-r--r-- 1 mto ftp 4063 Jun 15 1993 ic901a.mod
-rw-r--r-- 1 mto ftp 1159 Sep 30 1993 icmicro2.mod
-rw-r--r-- 1 mto ftp 2214 Jun 15 1993 icom-ram.mod
-rw-r--r-- 1 mto ftp 1897 Nov 7 1991 icom32at.mod
-rw-r--r-- 1 mto ftp 3614 Jun 15 1993 icom735-1
-rw-r--r-- 1 mto ftp 1380 Jun 15 1993 icom735-2
-rw-r--r-- 1 mto ftp 1143 Sep 30 1993 icp2at.mod
-rw-r--r-- 1 mto ftp 1223 Sep 30 1993 icw21at-2.mod
-rw-r--r-- 1 mto ftp 4209 Sep 30 1993 icw21at-3.mod
-rw-r--r-- 1 mto ftp 4549 Sep 27 1993 icw21at.mod.better
-rw-r--r-- 1 mto ftp 2590 Jun 15 1993 icw2a-1.mod
-rw-r--r-- 1 mto ftp 13392 Jun 15 1993 icw2a.mod
-rw-r--r-- 1 mto ftp 1129 Sep 30 1993 kam.mod
-rw-r--r-- 1 mto ftp 1129 Nov 7 1991 kamdcd.mod
-rw-r--r-- 1 mto ftp 2877 Sep 30 1993 kdk2016a.mod
-rw-r--r-- 1 mto ftp 6640 Jun 15 1993 kenwd930.mod
-rw-r--r-- 1 mto ftp 287 Sep 30 1993 m700.mod
-rw-r--r-- 1 mto ftp 2895 May 11 1993 maxar
-rw-r--r-- 1 mto ftp 5585 Jun 15 1993 maxtrac.mod
-rw-r--r-- 1 mto ftp 33971 Sep 30 1993 micor-mitrex.mod
-rw-r--r-- 1 mto ftp 8877 Jun 15 1993 micordup.mod
-rw-r--r-- 1 mto ftp 11843 Jun 15 1993 micoruhf.mod
-rw-r--r-- 1 mto ftp 8258 Jun 15 1993 micorvhf.mod
-rw-r--r-- 1 mto ftp 2352 May 11 1993 mitrek
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-rw-r--r-- 1 mto ftp 323 Sep 30 1993 pa20.mod
-rw-r--r-- 1 mto ftp 1599 Sep 30 1993 pcs300.fix
-rw-r--r-- 1 mto ftp 1820 Nov 7 1991 pk232lok.mod
-rw-r--r-- 1 mto ftp 3139 Jun 15 1993 pro-43.mod.aus
-rw-r--r-- 1 mto ftp 2318 Nov 24 1993 pro-46.mod
-rw-r--r-- 1 mto ftp 5044 Nov 7 1991 pro2004.mod
-rw-r--r-- 1 mto ftp 2544 Nov 7 1991 pro2005.mod
-rw-r--r-- 1 mto ftp 1939 May 23 1993 pro2006.3
-rw-r--r-- 1 mto ftp 3296 Jun 15 1993 pro2006.SSB.mod
-rw-r--r-- 1 mto ftp 3119 Jun 15 1993 pro2006.mod
-rw-r--r-- 1 mto ftp 1943 Sep 5 1993 pro2006again.mod
-rw-r--r-- 1 mto ftp 4693 Nov 7 1991 pro2020.mod
-rw-r--r-- 1 mto ftp 3587 Sep 2 1993 pro2021.mod
-rw-r--r-- 1 mto ftp 2426 Jun 15 1993 pro2022.mod
-rw-r--r-- 1 mto ftp 1216 Jul 8 1993 pro2026.2
-rw-r--r-- 1 mto ftp 1602 Jun 15 1993 pro2026.mod
-rw-r--r-- 1 mto ftp 1201 Nov 7 1991 pro34.mod
-rw-r--r-- 1 mto ftp 684 Jul 8 1993 pro37.1
-rw-r--r-- 1 mto ftp 16381 Jun 15 1993 pro37.mod
-rw-r--r-- 1 mto ftp 5295 Jun 15 1993 pro38.mod
-rw-r--r-- 1 mto ftp 3480 Aug 30 1993 pro39.mod
-rw-r--r-- 1 mto ftp 2613 Jun 15 1993 pro43-1.mod
-rw-r--r-- 1 mto ftp 2248 Jun 15 1993 pro43-2.mod
-rw-r--r-- 1 mto ftp 5608 Jun 15 1993 pro43.mod
-rw-r--r-- 1 mto ftp 4237 Jun 15 1993 pro43.smeter.txt
-rw-r--r-- 1 mto ftp 1753 Jun 15 1993 ps50.fix
-rw-r--r-- 1 mto ftp 1155 Jun 15 1993 r5000.mod
-rw-r--r-- 1 mto ftp 26176 Nov 7 1991 r7000-2.mod
-rw-r--r-- 1 mto ftp 3308 Nov 7 1991 r7000.mod
-rw-r--r-- 1 mto ftp 2147 Jun 15 1993 radio-mods
-rw-r--r-- 1 mto ftp 956 Jun 15 1993 radio-mods.server
-rw-r--r-- 1 mto ftp 4771 Nov 7 1991 radio.mod
-rw-r--r-- 1 mto ftp 1410 Sep 30 1993 ramseyfx.mod
-rw-r--r-- 1 mto ftp 4386 Jun 15 1993 rci-2950.mod
-rw-r--r-- 1 mto ftp 1649 Sep 30 1993 rs12140.mod
-rw-r--r-- 1 mto ftp 5482 Sep 30 1993 satellit500.mod
-rw-r--r-- 1 mto ftp 5287 Jun 15 1993 scanner.mod
-rw-r--r-- 1 mto ftp 4347 Sep 30 1993 sony2010-2.mod
-rw-r--r-- 1 mto ftp 4277 Sep 30 1993 sony2010.mod
-rw-r--r-- 1 mto ftp 11615 Jun 15 1993 tapr9600.mod
-rw-r--r-- 1 mto ftp 1551 Nov 7 1991 tc2duplx.mod
-rw-r--r-- 1 mto ftp 2072 Jun 15 1993 th215
-rw-r--r-- 1 mto ftp 2175 Nov 7 1991 th215.mod
-rw-r--r-- 1 mto ftp 801 Sep 30 1993 th21_to_tnc.mod
-rw-r--r-- 1 mto ftp 2932 Jun 15 1993 th225.mod
-rw-r--r-- 1 mto ftp 7624 Nov 7 1991 th25.mod
-rw-r--r-- 1 mto ftp 1133 Sep 30 1993 th2600a.mod
-rw-r--r-- 1 mto ftp 6725 Jun 15 1993 th27a
-rw-r--r-- 1 mto ftp 862 Jun 15 1993 th27a.mod
-rw-r--r-- 1 mto ftp 1386 Jul 8 1993 th28.1
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-rw-r--r-- 1 mto ftp 6003 Jun 15 1993 th28a.mod
-rw-r--r-- 1 mto ftp 7021 Sep 30 1993 th45-2.mod
-rw-r--r-- 1 mto ftp 7624 Sep 30 1993 th45.mod
-rw-r--r-- 1 mto ftp 1609 May 23 1993 th47a.2
-rw-r--r-- 1 mto ftp 1333 Nov 7 1991 th75.mod
-rw-r--r-- 1 mto ftp 7630 Nov 7 1991 th77a.mod
-rw-r--r-- 1 mto ftp 3435 Jun 15 1993 th78-new.mod
-rw-r--r-- 1 mto ftp 890 Jun 15 1993 th78-warn.mod
-rw-r--r-- 1 mto ftp 8702 Jun 15 1993 th78a-0.mod
-rw-r--r-- 1 mto ftp 4445 Jun 15 1993 th78a-1.mod
-rw-r--r-- 1 mto ftp 7471 Jun 15 1993 th78a-2.mod
-rw-r--r-- 1 mto ftp 3132 Sep 30 1993 thx5_pwroff.mod
-rw-r--r-- 1 mto ftp 1397 Nov 7 1991 tiny2tnc.mod
-rw-r--r-- 1 mto ftp 17526 Jun 15 1993 tm-741-mods
-rw-r--r-- 1 mto ftp 2441 Jun 15 1993 tm-96kb.mod
-rw-r--r-- 1 mto ftp 1508 Sep 30 1993 tm211.mod
-rw-r--r-- 1 mto ftp 464 Sep 30 1993 tm221-2.mod
-rw-r--r-- 1 mto ftp 1340 Jun 15 1993 tm221.fix
-rw-r--r-- 1 mto ftp 505 Sep 30 1993 tm221.mod
-rw-r--r-- 1 mto ftp 606 Sep 30 1993 tm231.fix
-rw-r--r-- 1 mto ftp 420 Sep 30 1993 tm231.mod
-rw-r--r-- 1 mto ftp 753 Sep 30 1993 tm2530.mod
-rw-r--r-- 1 mto ftp 758 Nov 7 1991 tm2570a.mod
-rw-r--r-- 1 mto ftp 937 Nov 7 1991 tm321a-2.mod
-rw-r--r-- 1 mto ftp 1384 Nov 7 1991 tm321a-3.mod
-rw-r--r-- 1 mto ftp 583 Nov 7 1991 tm321a.mod
-rw-r--r-- 1 mto ftp 1702 Jun 15 1993 tm421.mod
-rw-r--r-- 1 mto ftp 1836 Jun 15 1993 tm421a.mod
-rw-r--r-- 1 mto ftp 2900 Nov 7 1991 tm701.mod
-rw-r--r-- 1 mto ftp 271 Nov 7 1991 tm701a.mod
-rw-r--r-- 1 mto ftp 2718 Nov 7 1991 tm721-2.mod
-rw-r--r-- 1 mto ftp 5940 Nov 7 1991 tm721-3.mod
-rw-r--r-- 1 mto ftp 4143 Nov 7 1991 tm721.mod
-rw-r--r-- 1 mto ftp 13389 Jun 15 1993 tm721a
-rw-r--r-- 1 mto ftp 1575 Nov 7 1991 tm731.mod
-rw-r--r-- 1 mto ftp 748 May 23 1993 tm732.5
-rw-r--r-- 1 mto ftp 810 Jul 8 1993 tm732.6
-rw-r--r-- 1 mto ftp 1083 Jun 15 1993 tm732a-1.mod
-rw-r--r-- 1 mto ftp 5697 Jun 15 1993 tm732a-2.mod
-rw-r--r-- 1 mto ftp 4401 Jun 15 1993 tm741-1.mod
-rw-r--r-- 1 mto ftp 2701 Jun 15 1993 tm741-2.mod
-rw-r--r-- 1 mto ftp 17234 Jun 15 1993 tm741.mod
-rw-r--r-- 1 mto ftp 4637 Jun 15 1993 tm741732.mod
-rw-r--r-- 1 mto ftp 1443 May 23 1993 tm742
-rw-r--r-- 1 mto ftp 3153 Jul 8 1993 tm742.1
-rw-r--r-- 1 mto ftp 2365 Jul 8 1993 tm742.2
-rw-r--r-- 1 mto ftp 2723 Jun 15 1993 tm941a-2.mod
-rw-r--r-- 1 mto ftp 4490 Jun 15 1993 tm941a.mod
-rw-r--r-- 1 mto ftp 1450 May 23 1993 tm942
-rw-r--r-- 1 mto ftp 2546 Jul 8 1993 tm942.1
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-rw-r--r-- 1 mto ftp 2441 Sep 30 1993 tm9600baud.mod
-rw-r--r-- 1 mto ftp 1558 Nov 7 1991 tnc2.mod
-rw-r--r-- 1 mto ftp 889 Sep 30 1993 tnc220.mod
-rw-r--r-- 1 mto ftp 3265 Nov 7 1991 tnc2a.mod
-rw-r--r-- 1 mto ftp 1861 Sep 30 1993 tr2500.mod
-rw-r--r-- 1 mto ftp 896 Sep 30 1993 tr2600a.mod
-rw-r--r-- 1 mto ftp 1191 Jun 15 1993 tr7625.fix
-rw-r--r-- 1 mto ftp 1836 Sep 30 1993 tr7930.mod
-rw-r--r-- 1 mto ftp 1836 Sep 30 1993 tr7950-2.mod
-rw-r--r-- 1 mto ftp 825 Sep 30 1993 tr7950.mod
-rw-r--r-- 1 mto ftp 1588 Jun 15 1993 ts140.fix
-rw-r--r-- 1 mto ftp 547 Nov 7 1991 ts140.mod
-rw-r--r-- 1 mto ftp 9607 Jun 15 1993 ts180.fix
-rw-r--r-- 1 mto ftp 3439 Jun 15 1993 ts2400.fix
-rw-r--r-- 1 mto ftp 103 Sep 30 1993 ts2400.mod
-rw-r--r-- 1 mto ftp 2969 Jun 15 1993 ts25-45at.mod
-rw-r--r-- 1 mto ftp 370 Sep 30 1993 ts2600.mod
-rw-r--r-- 1 mto ftp 827 Nov 7 1991 ts430-2.mod
-rw-r--r-- 1 mto ftp 796 Nov 7 1991 ts430.mod
-rw-r--r-- 1 mto ftp 1927 May 23 1993 ts430s.9
-rw-r--r-- 1 mto ftp 6155 Jun 15 1993 ts430s.fix
-rw-r--r-- 1 mto ftp 1355 Jun 15 1993 ts440-1.mod
-rw-r--r-- 1 mto ftp 954 Nov 7 1991 ts440-at.mod
-rw-r--r-- 1 mto ftp 2101 Jun 15 1993 ts440.fix
-rw-r--r-- 1 mto ftp 1543 Nov 7 1991 ts440.mod
-rw-r--r-- 1 mto ftp 4149 Jun 15 1993 ts450-690.mod
-rw-r--r-- 1 mto ftp 2677 Jul 8 1993 ts450s.3
-rw-r--r-- 1 mto ftp 929 Jul 8 1993 ts450s.4
-rw-r--r-- 1 mto ftp 471 Jul 8 1993 ts450s.5
-rw-r--r-- 1 mto ftp 2969 Sep 30 1993 ts45at.mod
-rw-r--r-- 1 mto ftp 1113 May 23 1993 ts50.1
-rw-r--r-- 1 mto ftp 4268 Jun 15 1993 ts50.mod
-rw-r--r-- 1 mto ftp 6731 Jun 15 1993 ts520.fix
-rw-r--r-- 1 mto ftp 1428 Jun 15 1993 ts530.mod
-rw-r--r-- 1 mto ftp 2848 Nov 7 1991 ts680-2.mod
-rw-r--r-- 1 mto ftp 500 Nov 7 1991 ts680.mod
-rw-r--r-- 1 mto ftp 4149 Sep 30 1993 ts690.mod
-rw-r--r-- 1 mto ftp 120 Nov 7 1991 ts711.mod
-rw-r--r-- 1 mto ftp 4923 Nov 7 1991 ts790a.mod
-rw-r--r-- 1 mto ftp 7811 Jun 15 1993 ts820.fix
-rw-r--r-- 1 mto ftp 5451 Jun 15 1993 ts820.mod
-rw-r--r-- 1 mto ftp 3308 Jun 15 1993 ts830.fix
-rw-r--r-- 1 mto ftp 12088 Jun 15 1993 ts850-1.mod
-rw-r--r-- 1 mto ftp 9086 Jun 15 1993 ts850-2.mod
-rw-r--r-- 1 mto ftp 390 May 23 1993 ts850s.1
-rw-r--r-- 1 mto ftp 20923 Jun 15 1993 ts850s.mod
-rw-r--r-- 1 mto ftp 8064 Jun 15 1993 ts930.fix
-rw-r--r-- 1 mto ftp 6778 Nov 7 1991 ts930.mod
-rw-r--r-- 1 mto ftp 3658 Jun 15 1993 ts940.fix
-rw-r--r-- 1 mto ftp 2396 Nov 7 1991 ts940ibm.mod
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-rw-r--r-- 1 mto ftp 1060 Jun 15 1993 tw-4000.mod
-rw-r--r-- 1 mto ftp 1543 Jul 8 1993 tw4000
-rw-r--r-- 1 mto ftp 3101 Nov 7 1991 u2at.mod
-rw-r--r-- 1 mto ftp 1588 Nov 7 1991 uni2510.mod
-rw-r--r-- 1 mto ftp 1106 Sep 30 1993 wilson.fix
--
------------------------------------------------------------------------
| copeland@metronet.com |
------------------------------------------------------------------------
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7071. Re: Beyond Police Call

Newsgroup: rec.radio.scanner
Date: 1994-07-30 23:26:03 UTC
From: k1lho@aol.com
Message-ID: <31enib$gie@search01.news.aol.com>
Source record: 271118

In article <2raebn$nkd@panix2.panix.com>, schuster@panix.com (Michael Schuster) writes:

Haven't you heard their new slogan, You got the questions...We got the anwers
or ***STUMP THE MORON, What did you expect at RS.

Mike

7072. Re: Where find call codes?

Newsgroup: rec.radio.scanner
Date: 1994-07-30 23:44:03 UTC
From: k1lho@aol.com
Message-ID: <31eok3$gr3@search01.news.aol.com>
Source record: 271119

In article <2rl5cg$oia@search01.news.aol.com>, larryt1025@aol.com (LarryT1025) writes:

I don't know where you'r located, but if there is a "Scanner Master" available in
your area, they have an excellent listing of all the codes.

Mike

7073. Re: Helping cops by scanning-experiences?

Newsgroup: rec.radio.scanner
Date: 1994-07-30 23:50:06 UTC
From: k1lho@aol.com
Message-ID: <31eove$gti@search01.news.aol.com>
Source record: 271120

In article <2rpl9q$ep3@crl2.crl.com>, dseitel@crl.com (David S. Eitelbach) writes:

When you reach idiot dispatchers, like you did, just give them your address. The guy on the fire truck probably past a toughter test than the dispatcher, and has
a lot more brains.

Mike

7074. Re: Beyond Police Call

Newsgroup: rec.radio.scanner
Date: 1994-07-31 00:03:45 UTC
From: schuster@panix.com
Message-ID: <31epp1$nuj@panix3.panix.com>
Source record: 271121

In article <31enib$gie@search01.news.aol.com>, K1LHO <k1lho@aol.com> wrote:
>In article <2raebn$nkd@panix2.panix.com>, schuster@panix.com (Michael
>Schuster) writes:
>
>Haven't you heard their new slogan, You got the questions...We got the
>anwers
>or ***STUMP THE MORON, What did you expect at RS.
>
>Mike

Please learn to use your editing and posting software properly.

You made it seem that =I= am the author of the drivel above. I am not.
You quoted nothing from whatever posting of mine that you replied to,
except the attribution, and then included nothing attribted to me.

One of the fastest ways to make enemies around here (besides having an aol
address) is to mis-quote people.

Apology accepted.

--
Mike Schuster | schuster@panix.com | 70346.1745@CompuServe.COM
------------------- | schuster@shell.portal.com | GEnie: MSCHUSTER

7075. Re: are ALL cellullar phone monitorings illegal?

Newsgroup: rec.radio.scanner
Date: 1994-07-31 00:06:03 UTC
From: k1lho@aol.com
Message-ID: <31eptb$h46@search01.news.aol.com>
Source record: 271123

In article <2s6lg0$229@nyx10.cs.du.edu>, lthomas@nyx10.cs.du.edu (Layne Thomas) writes:

The frequencies are not confidential. It is illegal to listen (Hah!), and as of this
Fall illegal to manufactur or modify radios to listen to cellular. The law against
listening was aimed primarily at police. ie: anything they heard could not be used
in court, and if they had information that could only had been obtained via cellphone, any evidence could be excluded. If you own a receiver which can re-
ceive cellular, have a good time, but don't divulge what you hear! The original communications act (sec. 602) allows anyone to listen to any frequency, but can not divulge contents. This section was pre-emptepted by the Communications
and Privacy Act of 1989.

Mike

7076. Re: ATTENTION SPORTS FANS!

Newsgroup: rec.radio.scanner
Date: 1994-07-31 00:31:44 UTC
From: tharrell@nmsu.edu
Message-ID: <31erdg$f35@dns1.NMSU.Edu>
Source record: 271027

Eric J. Hess (ah595@cleveland.Freenet.Edu) wrote:
: I hate to rain on your parade, but the frequencies will be SCRAMBLED :-(
: The Cleveland Browns are currently using this. The local paper had a story
: last week and made it a point to tell us about the scrambling. Oh well,
: back to the drawing board!

Did the paper say what kind of scrambling? If it's frequency inversion,
then unscrambling is trivial.
--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff in www: http://rever.nmsu.edu/~weasel |
\--/

7077. Re: Listening to my Hard Drive

Newsgroup: rec.radio.scanner
Date: 1994-07-31 00:35:53 UTC
From: tharrell@nmsu.edu
Message-ID: <31erl9$f3v@dns1.NMSU.Edu>
Source record: 271028

10-89 (soren_ragsdale@path1a.med.upenn.edu) wrote:
: I had my new pro-51 going while I was using the computer and I found my
: hard drive. Maybe. The scanner was sitting on top of the computer and
: whenever there was disk access it changed the static to a different
: sound. I was listening to 813.5875 Mhz and I've got a PowerMac 7100.
: Hmmmmmmm.

You're lucky - my old Tandy spits out interference _everywhere._ I need
to add more shielding to the case (and get rid of the unshielded 8-ft.
monitor cable).
--
/--\
| T.J. Harrell III NRA tharrell@nmsu.edu weasel@acca.nmsu.edu |
| Scanning-related stuff in www: http://rever.nmsu.edu/~weasel |
\--/

7078. Identifying a 2006

Newsgroup: rec.radio.scanner
Date: 1994-07-31 01:45:33 UTC
From: hwang@netcom.com
Message-ID: <hwangCts7Jx.pJ@netcom.com>
Source record: 271032

How can one determine in a Pro-2006 is cellular modifiable?

I understand the Pro-43 with the FCC No. ending with an "A" is not
modifiable. Does this hold true for the 2006?

Thanks.

--

Ed Hwang hwang@netcom.com
San Jose, California

7079. FOR SALE: PRO-43 with Cellular Mod

Newsgroup: rec.radio.scanner
Date: 1994-07-31 02:00:59 UTC
From: crandall@mizar.usc.edu
Message-ID: <31f0kr$hqf@mizar.usc.edu>
Source record: 271031
Cross-posted to: rec.radio.scanner,alt.radio.scanner

F O R S A L E
Radio Shack Pro43 Scanner

* Pre-FCC ban -- already modified for cellular and TV reception

* 200 Channel, 10 bank EEPROM memory

* Triple Conversion (whatever that is)

* 6 months old, hardly used (I thought scanning would be fun -- it
is, but I never get around to using it)

* Original box, manual, and sales receipt included

* Batteries included (sold seperately by Radio Shack)

* Wall plug in transformer included (sold seperately by Radio Shack)

* I pay shipping and COD fees to US addresses

* All for $310.00

* If interested, reply by e-mail to:
Mike Crandall

7080. MX4200

Newsgroup: rec.radio.scanner
Date: 1994-07-31 02:10:58 UTC
From: "Stu Hanson"
Message-ID: <31f17iINNsmt@news.gac.edu>
Source record: 271036

I have a MX4200 Regency Scanner can anyone provide address to get repair. It is a early model that rec the full 800-900 band. I am concerned if I send it to factory I will get a modified one back. ANyone have any advise on where I could get work done without mods.

thanks much can leave me email at sdhanson@gac.edu

7081. Welcome to rec.radio.info!

Newsgroup: rec.radio.scanner
Date: 1994-07-31 03:00:08 UTC
From: rec-radio-info@ve6mgs.ampr.ab.ca
Message-ID: <rec.radio.info-welcome_775623607@ve6mgs.ampr.org>
Source record: 270981
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.amateur.digital.misc,rec.radio.amateur.policy,rec.radio.shortwave,rec.radio.cb,rec.radio.noncomm,rec.radio.scanner,rec.radio.info,news.answers,rec.answers

Archive-name: radio/rec-radio-info/welcome
Last-modified: $Date: 1994/01/02 22:00 $
Version: $Revision: 1.06 $

*** Welcome to rec.radio.info! ***

Welcome to rec.radio.info, a group that aims to provide a noise-free source
of information and news for the entire rec.radio hierarchy.

Two introductory articles about rec.radio.info are posted to the group and
to news.answers every two weeks. You are now reading the first article, which
explains what rec.radio.info is, and answers some Frequently Asked Questions.
The second article is titled "Submission Guidelines", and you only need to
read it if you want to submit an article to rec.radio.info.

You can skip to the next section of this article by searching for the next
" -- " string. The sections available are:
- What is the purpose of rec.radio.info?
- Why are messages almost always cross posted to rec.radio.info?
- What is a 'follow-up', and what does 'moderated' mean?
- OK, so now I know what 'moderated' means. Tell me more.
- What type of material is considered inappropriate?
- I do not have access to news, how can I get the information posted to
rec.radio.info?
- Will the material appearing in rec.radio.info be archived somewhere?
- I have a regular posting with timely information, is there a way to
speed up it's delivery, or automate for more convenience?

-- What is the purpose of rec.radio.info?

The purpose or charter of rec.radio.info is to provide the Usenet community with
a resource for information, news, and facts about any and all things radio.

All the other rec.radio groups are intended for discussions and general chit
chat about radio. Rec.radio.info will contain informational, factual articles
only. Follow-ups are redirected to an appropriate other group, and further
discussion (if any) will not take place in rec.radio.info.

In order to ensure that rec.radio.info contains only appropriate articles, it
was decided to create the group as a moderated newsgroup.

-- Why are messages almost always cross posted to rec.radio.info?

It provides a "tag" for each article to be assembled into a filtered
presentation in rec.radio.info (even with cross-posting, only one message, with

a unique Message-ID, is propogated across the net). This tag also facilitates a pre-existing method of dropping or cancelling the articles locally within the discussion groups if you don't want to see them. This accommodates individuals who want to separate the bulletins from the discussions, discussions from the bulletins, as well as those who are adamant about not reading another newsgroup and wanted to see everything all in one basket.

With the total size of Usenet (in number of newsgroups and total traffic) doubling every year or so, this is no insignificant contribution to reducing information noise and chaos. Making the discussion groups a catch-all, and making extra newsgroups filters on that catch-all, is also the most realistic way to implement such a scheme (It's not intuitively obvious what the charter, contents, and general appropriate topics for each and every newsgroup are. Seeing FAQ's and charter/intro postings in the home newsgroup is beneficial for new readers).

By cross-posting one only is adding a few tens of bytes to each bulletin (to specify the extra group on the Newsgroups line), but are adding the capability for very powerful filtering features available on most news servers, listservers and readers. Your local news guru could probably explain these features in more detail.

In rn, for example, according to Leanne Phillips in her rn kill-file FAQ, add a line of the form:
/Newsgroups:.*[,]rec\.radio\.info/h:j
either in ~/News/KILL (if you don't want to see rec.radio.info articles anywhere) or ~/News/rec/radio/amateur/misc/KILL (if you don't want to see them just in rec.radio.amateur.misc). The latter method means your kill file will only be consulted during rec.radio.amateur.misc (and hence runs more efficiently), and will probably work for most people.

In nn, according to Bill Wohler in his nn FAQ, add a line of the form:
rec.radio.info:!s/:^
in ~/.nn/kill (if you don't want to see rec.radio.info articles anywhere), or put the following lines:
sequence
rec.radio.info
rec.radio.
at the end of ~/.nn/init in order to see all the rec.radio.info bulletins first, then read the remaining rec.radio.* without the bulletins.

-- What is a 'follow-up', and what does 'moderated' mean?

If you are new to Usenet and are not familiar with the terminology, you might want to read the general introductory articles found in the newsgroup news.announce.newusers. Doing so will make your life on the net much easier, and will probably save you from making silly beginner's mistakes.

If you think that at this moment you are reading an echo, a conference, or a bulletin board, I'd also strongly suggest a trip over to news.announce.newusers.

For the rest of this article, I will assume you have a basic knowledge of Usenet terminology and mechanics.

A moderated group means that any article that needs to be posted to the group has to be accepted by the moderator of the group. Since we need to ensure that followups to an article (discussion) do not show up in the rec.radio.info newsgroup, the `Followup-To:' header line contains a newsgroup that is appropriate for disussions about the specific article.

-- OK, so now I know what 'moderated' means. Tell me more.

Rec.radio.info is a moderated newsgroup, which means that all articles submitted to the group will have to be approved by the moderator first.

The current moderator of the group is Mark Salyzyn. Submissions to rec.radio.info can be posted, or e-mailed to:

rec-radio-info@ve6mgs.ampr.ab.ca

Comments, criticisms, suggestions or questions about the group can be e-mailed to:
rec-radio-request@ve6mgs.ampr.ab.ca

But before you do so, please be sure to check out the "Submission Guidelines" article.

The influence of the moderator should be minimal and of an administrative nature, consisting chiefly of weeding out obviously inappropriate articles, while making sure correct headers etc. are used for the appropriate ones.

-- What type of material is considered inappropriate?

There are three broad categories of articles which will be rejected by the moderator:

1) Requests for information: rec.radio.info is strictly a one-way street. I receive information in my mailbox; I then post it to rec.radio.info. Requests for specific information belong in the normal discussion newsgroups. If your request gets answered, you might consider passing the answer on to rec.radio.info, though. Especially if you can edit it into a informational, rather than a discussion, format.

2) Obvious discussion articles, or articles that appear unsubstantiated.

3) Commercial stuff: a relatively unbiased test of a radio product would be accepted, but any hint of for-profit might be reason for rejection. For three reasons: This is not the purpose of the list, for-profit is a controversial topic, and this list may be passed onto Amateur Packet Radio (where for-profit is prohibited except under certain provisos).

rec.radio.swap (or possibly comp.newprod) may be more deserving of the posting in any matter.

Similarly, copyrighted material generally cannot be used. If it's TRULY worthwhile to the net, I would recommend obtaining permission from the copyright holder. Please note the source, and if permission was given. I

reserve the right to make the final decision concerning appropriateness in all situations. In most cases, a brief summary of, or pointer to, the copyrighted information may be all I can allow.

-- I do not have access to news, how can I get the information posted to rec.radio.info?

brian@UCSD.EDU (Brian Kantor) has kindly supplied a mail list server for rec.radio.info. Non of the articles will be digested, due to their size, so you will receive individual mailings for every article posted to the group.

Mail sent to radio-info@ucsd.edu will be forwarded to the moderator and thus is an alias to rec-radio-info@ve6mgs.ampr.ab.ca

To subscribe and unsubscribe via the listserver; the format for that is

sub address radio-info
unsub address radio-info

where 'address' is your full mailing address. Send this request to

listserv@ucsd.edu

Note that the server will automatically delete any address that bounces mail. If you leave the address portion blank, it will try to deduce your address from the mail headers. This may not work if you are on bitnet, milnet or some other non-Unix host, so it is recommended to put your return address in any case. For example:

sub mymailbox@myhost.mydomain.mil radio-info
or
sub MEMEME01@DMBHST.bitnet radio-info

or something like that.

-- Will the material appearing in rec.radio.info be archived somewhere?

< Dated information here >

Yes. Still firming up details at the moment but here is a preliminary list:
- unbc.edu as maintained by Lyndon Nerenberg <lyndon@unbc.edu>
- nic.funet.fi maintained by Risto Kotalampi <rko@cs.tut.fi>
saved to /pub/dx/text/rec.radio.info currently stored as numbered files.

Effectively this means that anything you post to rec.radio.info will be permanently stored, so your work will not be lost.

-- I have a regular posting with timely information, is there a way to speed up it's delivery, or automate for more convenience?

Yes, there is! It may take a bit of chatter with the moderator, but we are willing to take responsible people and provide them the means of posting the articles directly from their site. We will try everything we can as we fully realize that DX (distant signal) and astronomical data can be somewhat

transitory. We are also willing to allow regular posters of information the same courtesy, even if the information is not as time critical.

We refer to this as self-moderation, which is partly based on the model for news.answer. This requires co-operation and good will to be beneficial to the community in the rec.radio hierarchy.

I suggest reading the posting guidelines for more information. I am open to suggestions.

I thank the following individuals for their input into this article:
rec.music.info moderator Leo Breebaart rec-music-info@cp.tn.tudelft.nl
rec.radio.broadcasting moderator Bill Pfeiffer wdp@gagme.chi.il.us
Paul W. Schleck, KD3FU pschleck@unomaha.edu
Ian Kluft, KD6EUI ikluft@uts.amdahl.com

--
Mark Salyzyn -- Moderator rec.radio.info
Submissions to: rec-radio-info@ve6mgs.ampr.ab.ca
Administrivia to: rec-radio-request@ve6mgs.ampr.ab.ca
* Requests for information do *not* belong in rec.radio.info *

7082. Re: MARINE CELLULAR BAND ???

Newsgroup: rec.radio.scanner
Date: 1994-07-31 08:11:44 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1994Jul31.081144.3197@hpcvaac.cv.hp.com>
Source record: 271040

steven@sgb.oau.org (Steven Bradley) writes:
: I am sure you all get the picture by now. Someone is going to say
: "It is NOT EDCOs fault - they are only complying with the law to
: obtain FCC certification and sell the units in the U.S."
:
: Well it -> IS <- EDCOs FAULT, if they fail to take the parts they
: change and bag them and sell them. Here is why:
:
: The law does not cover kits, raw materials, components, and items
: which are not fully functional and complete. Selling the components
: they remove would BENEFIT THEM and US. We would readily get scanners
: in the US with more convenience. They would receive more sales.

This can be argued. While kits are not directly mentioned in the ECPA, they are mentioned, and regulated, by the FCC in other regulations. The FCC has also explicitly stated that frequency converters are banned, if they are able to convert the cellular frequencies. Of course, there are exceptions for the governmental agencies and people in the cellular phone business.

Now, it might be legal to sell the parts, as repair components.

: It is NOT illegal to do this. So why the h*ll aren't they presently
: planning to do so? Where is the law that says they can not do this?

See above.

: Since from the Factory, they come with cellular, and they remove it
: by something as simple as changing a component (adding/removing a
: component), WHY would the FCC approve such a unit next month? I mean
: it clearly violates the law as much as any other scanner from the
: past 3-5 years would have?

The FCC has said that the simple adding or removing a component is NOT sufficient to disable cellular frequencies - that would be "easy conversion". Now, if that component was a surface mount 20+ pin chip, then it would most likely be sufficient. Changing that would not be easy for the average person.

: Where did the law state "as simple as adding or removing a jumper,
: resistor, or cutting a trace"? I think it said adding or removing a
: component. MPUs -ARE- COMPONENTS, right?
:
: Now you see what I am getting at. It's about time someone took the
: government to court over the current line of scanners -- in that
: everyone of them (except the ICOMs where they removed the entire
: 800 mhz band) violates the rule of adding or removing a component,
: since that is the difference between international and domestic

: units.

The method of disabling was not specified. It just has to be "sufficiently difficult". That is determined by the FCC on a case by case basis, before they grant type acceptance.

Going to court would be a waste of both your and the taxpayer's money. The government left it to the FCC to determine how to implement the law. The FCC realizes that the law is stupid, unenforceable and impossible to fully implement. However, they have to do their best - and they will.

: Is there ANYTHING in the law dealing with preventing the dealers
: and manufacturers from selling the parts used in their overseas
: units -and- instructions to upgrade them to international capability?

Not that I know of. However, if it becomes common, the FCC will simply refuse to grant type acceptance to future models that do not have the rf section for 800 MHz completely removed.

: Remember, kits and parts are EXEMPT from the law. Not addressed once.

See above.

Bill

7083. Re: pro-51 Mod Needed!

Newsgroup: rec.radio.scanner
Date: 1994-07-31 09:37:26 UTC
From: tech@us.oracle.com
Message-ID: <31frcm$b8n@dcsun4.us.oracle.com>
Source record: 270869

```
In article <318b0e$5ih@netnews.upenn.edu> 10-89 <soren_ragsdale@path1a.med.upenn.edu>
writes:
>In article <316roo$fb9@netnews.upenn.edu> Soren Ragsdale,
>soren_ragsdale@path1a.med.upenn.edu writes:
>>When I buy a pro-51 this Friday, I'd like to know how to modify it for
>>cellular so I can check the unit in the store.
>
>I got the mod fine. Haven't checked it out, but someone with a 51 says
>that it works. Here's what I got, for the benefeit of those that haven't
>hacked my mail :)
>
>=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
>will have full access to the 66-88 Mhz ranges as well as the cellular base
>range of 869-896 Mhz.
>I'd be interested in anyone can verify that any of these test modes work
>on the
>PRO-46 or any other Uniden-made Radio Shack scanner.

Just so you know the PRO-46 does work with these mods. I also would advise
putting th locked out freq's on the lowest the freq's will go that way all
you do is go to the prefered channel and hit the arrow up button.
```

7084. PRO-46 keypad beep disable?

Newsgroup: rec.radio.scanner
Date: 1994-07-31 11:02:23 UTC
From: rschmelt@willamette.edu
Message-ID: <31g0bv$11k@minerva.willamette.edu>
Source record: 271037
Cross-posted to: alt.radio.scanner,rec.radio.scanner

When I first got my PRO-46, I enjoyed the audio feedback from
using the keypad. Now it is driving me crazy. I'm guessing it ca be
disabled, but I don't know how. Any tips would be much appreciated.
--
\\\
Robert Schmeltzer ^^^^ "I hear a solo and I think of a duet."
rschmelt@willamette.edu ^^^^ -Fabio, from his CD, "After Dark"
//

7085. Trunk?

Newsgroup: rec.radio.scanner
Date: 1994-07-31 12:24:00 UTC
From: martin.briscoe@almac.co.uk
Message-ID: <17.9336.3239@almac.co.uk>
Source record: 271039

References: <1994Jul26.181455.27610@news.csuohio.edu>

MM> : What exactly is a "trunk" as pertaining to radio? I know it in a sen
MM> : of an elephant's nose and a thing to pack for a long trip, but this r

How do the US trunking protocols compare with the British MPT 1343 type
which I think has effectively become a European standard - and used in
other parts of the world. I have some involvement with a Nokia Actionet
system at work.


```
-----------------------------------------------------------
| Martin Briscoe | Internet: martin.briscoe@almac.co.uk |
| | Packet: GM8AOB@GB7AOB.#76.GBR.EU |
| FORT WILLIAM | |
| Inverness-shire | |
| PH33 6UG | PGP 2.3 Key on request |
-----------------------------------------------------------
```


---
* RM 1.3 00964 * Martin Briscoe - Fort William - Inverness-shire - Scotland

7086. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-31 12:48:49 UTC
From: steven@sgb.oau.org
Message-ID: <Ctt29E.7F7@sgb.oau.org>
Source record: 271043

Bennett Z. Kobb (bkobb@newsignals.com) wrote:
: > Restrictions apply only to FCC type accepted receivers. Too many folks
: > are missing this point. Kits are not FCC type accepted.

[Mucho deleted]

: More to the point, do you think the cellular industry would have lobbied this
: thing for so long (it was not a cake walk for them to get the legislation) if
: there was an enormous loophole for kits? Don' be ridic.
^^^^^^^^^^^^^
First I won't be, I'll try to ignore this message you posted...

[Energizing Flame Mode - 75% power]

There IS a loophole. As an incomplete device, the END USER is the person responsible to ensure the complete device would meet the requirements of the law -- making it NOT illegal to sell the kit unassembled. Since a kit can be incomplete as you aptly put it, perhaps they left out the components and instructions to block the two areas of 800 mhz from the converter, leaving that up to the imagination of the manufacturer who assembles it (ie makes it, the END USER) as to how to make it comply. Selling it as a kit however, possibly lacking some minor components would get the company around the rules because the FCC could not hold them to having supply EVERYTHING needed to build it. Of course the END USER (home based manufacturer) would not bother with the extra ridiculuous expense of other components. The logical way around this if the FCC forced the issue would be simply to make the parts availabel as a third bag of stuff available for purchase in the U.S. to convert the converter to a legal US model. Of course, I would buy the third bag (provided for sale only for US government reasons) and simply NOT install those components.

[Engaging Turbo Flame Mode 110% power]

The silly stupid rules we are all IGNORING by going OUT OF THE US for our INTERNATIONAL COVERAGE SCANNERS called to prevent modifications and did not cover simply NOT installing components while building the device as they did not expect us to start doing so, dumb move, TDDRA IDIOTS. I'd like to shoot a few of them responsible.

In any event with the advent of new scanning methods and equipment (read that as USING MODIFIED CELLULAR PHONES AS MONITORING EQUIPMENT), what steps can a person take to get the Government (Hitler Regime in DC) to look at BANNING THE MANUFACTURE and IMPORTATION of CELLULAR PHONES because they can be used to monitor OTHERS conversations? I

mean heck, its a two way street.

Is it possible IN COURT to force the US to kill the cellular law as they relate to scanning equipment BECAUSE of the readily available inexpensive cell phones with instructions for monitoring basically kill any expectation of privacy while using an RF device? I would think so! Heck, I read all over how to modify every cellular phone made to make it monitor. It looks like the IDIOTS on capital hill really screwed up this time -- they caused an increased interest by even those who would not have normally been interested in such activity. I'll bet every congressman has a cellular capable scanner sitting someplace at home or in the office!

[Flame Mode OFF]

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

7087. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-31 13:06:09 UTC
From: steven@sgb.oau.org
Message-ID: <Ctt32B.7HI@sgb.oau.org>
Source record: 271042

Bennett Z. Kobb (bkobb@newsignals.com) wrote:
: In article <318o39$olv@dancer.cc.bellcore.com>
: whs70@dancer.cc.bellcore.com (sohl,william h) writes:

: > And nothing in what the FCC said above addresses kits.
: > Nothing in the FCC text ever specified any prohibition against kits.

: It did not exempt kits from the existing regulations. The FCC placed kits under
: its regulations in 1989, in the top-to-bottom rewrite of Part 15.

: > Nor did the FCC ever see fit to specifically ban kits as can be seen in
: > the text of the language that was finally adopted.

: It didn't have to specifically ban kits, because the ban applied to the devices
: period: both manufactured and kit versions.

: Can you imagine them saying, "Oops! We forgot to ban kits! What idiots we are:
: all this trouble to ban frequency converters and scanners and it doesn't matter
: cause they can still sell kits!" Not likely... ;-)

[Re-energizing Turbo Flame Mode -- quick-start!]

WRONG! WRONG! They DID NOT cover home made equipment where you sit
down and assembly it from parts, they covered manufactured and imported
COMPLETE devices. Furthermode, the devices had to be imported for USE
as opposed to carry/store/have/to hold/to possess/to display. That
hole alone is why we're all buying non US equipment now. I have a
nice display case here (so the US government would like to believe).

Anyhow, getting back to the converters... the FCC does NOT cover plans
to build something, nor do they cover bags of raw components, nor do
they cover boxes.

They MAY cover heathkit style kits where everything is included.

Are you suggesting that IF an article was to appear in one of the
popular Radio/Electronics magazines where it gave complete plans
for one of these converters, complete how-to description on what it
needs to build it, that this ARTICLE would need an FCC authorization?

I think -> NOT <-

And if that ARTICLE feature TWO or THREE suppliers of the components
needed to build that device, EACH SUPPLIER would need FCC authorization
to SELL those components -- BECAUSE they MAY be used to build an RF
device? HECK, this means that chokes, capacitors, RF coils, even
ferrite broadcast band antennas NOW require an FCC ID on them because
they COULD be used in an RF device to build a converter. NAZI GERMANY

US STYLE!

Again, I think -> NOT <-

Would the magazine publisher be required to build the device? I strongly suspect NOT. Since information is NOT illegal and RAW components, EVEN IF BAGGED are NOT under FCC jurisdiction.

Now, about them cases... Oh well... Now Radio Shack will need to get an FCC approval on EACH case/box they sell because it MAY be used to contain a converter or cell-receiver. HA HA HA HA

H H A !! H H A !!
H H A A !! A A A A !!
HHHHH AAAAA !! HHHHH AAAAA !!
H H A A !! H H A A !!
H H A A !! H H A A !!

You guys crack me up with your STUPID interpretations that a bag of parts, board, box, plans could require the FCCs blessing. HA!

I'll mention this one next time I am down at the Rat Shack -- tell them they need FCC ID numbers for the cases, capacitors, wire, because they are components which may be used to construct an RF device.

HA HA HA HA ... much laughter.

I also believe that instructions for TV descamblers an related kits would fall under this same false belief. IF that were so, why did the cable industry NOT lobby to have the FCC approval pulled on those "kits" too!?!?!?

[Flame Mode -- Stand By]

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |----------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

7088. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-31 13:30:22 UTC
From: lbutler@umcc.umcc.umich.edu
Message-ID: <31g91e$qu0@umcc.umcc.umich.edu>
Source record: 271038

Seems to me we need to follow the NRA's lead. Let's ban together and form a lobbist group and print a monthly magazine. We need support from the major scanner manufacturers. We can then keep track of the politicians who vote for dumb radio related laws and then publish their names in the magazine to remind everyone not to vote for them. We also need to make sure we do VOTE so we can fire the non-desireables.

If we work at it and not just sit around and complain we might be able to do it. It's worth a try anyway.
Les

7089. Re: Lite music at 821.25 ?!?!

Newsgroup: rec.radio.scanner
Date: 1994-07-31 15:07:41 UTC
From: bigsteve@dorsai.dorsai.org
Message-ID: <zuxEkGG8yXEV068yn@dorsai.dorsai.org>
Source record: 271041

In article <CtLpKD.5sG@odin.corp.sgi.com>,
nstrauss@netmare.corp.sgi.com (Nicholas Strauss) wrote:
>
> So, I suppose such broadcasts of annoying store/elevator music are
> broadcast. But then how do they insure that stores pay for the
> service? Honor system? And what if you want Muzak in the middle of
> Montana?
>

I'm not a scannist, but do know something about radio history and you may find this interesting.

Talk about "honor system", at one time background music companies used to sent their programming over regular FM stations. This was back in the 50's when no one really knew what FM radio was, much less had a receiver.

Here in NYC, a company called _Music To Buy By_ leased 12 hours a day, 9am to 9pm, 6 days a week, on WHOM-FM, (now Infinity's WKTU, the home of Howard Stern). When there was no music on Sunday, (NYC had blue laws back then), the station didn't go on the air. Muzak owned WBFM and had it's music on 24 hours a day. Today it still transmitts 2 of it's services on subcarriers on the successor station, (Tribune's WQCD).

Now what if you decided to "steal" the service for your store? Well Muzak had discovered that if you listened to their elevator music constantly, it would get on your nerves so they programmed in silent periods. This was about 10 minutes, just before the hour. The paying customer's service would be tripped into silence by a 25 Hz tone transmitted after the last song, (some customers had a special mechanical timer to shut it off instead). If you stole Muzak, you wound up getting a very annoying, droaning announcer doing long commercials for busineses that subscribed to the service. They really made you want to go to sleep. In what was a calculated move, they would start playing music and then interrupt it for the commercial and ID, that was worse than leaving the music on.

MTBB did something very different. The station had a continuous amount of annoying white noise on it, all the time, even over other programs on the station and the AM simulcast from midnight to signoff. Even after the service went out and another automated format was brought in, the white noise stayed for another 2 weeks until someone realized they should get rid of it.

Remember most radios didn't have tone controls on them back then so you couldn't filter it out, and even if your radio did have one, you would make the already low-fi music more muffeled. Subscribers got a receiver with a sharp cut-off filter.

--
< ^^>
< "Big Steve" Coletti >
< Shortwave Listener, Broadcaster, Computer Consultant >
< and all around nice guy >
< Internet: bigsteve@dorsai.dorsai.org ==== S.COLETTI2@genie.geis.com >
< UUCP: steve.cole@islenet.com ==== steveny@lopez.marquette.mi.us >
< Fidonet: 1:278/307 US Mail: P.O. Box 396, New York, NY 10002 >
< Voice: +1 212 995-2637 >
~~~~~~
~~~~~~

7090. Re: Uniden Sportcat vs BC200XLT

Newsgroup: rec.radio.scanner
Date: 1994-07-31 16:36:04 UTC
From: cqlee@csn.org
Message-ID: <CttCs4.L7x@csn.org>
Source record: 271044
Cross-posted to: rec.radio.scanner,alt.radio.scanner

Larry Claman (claman@speedway.net) wrote:
: I'm new to scanning & looking to buy a handheld for myself.
: A store near me has the Uniden Sportcat for $249, and the
: Bearcat BC200XLT for $269. These seem to both have similar
: feature (The 200XLT has a few more channels.) Can anyone offer
: any advice on which may be better? Is the Sportcat modifiable
: for extra freqs?

Larry,

I had a BC200XLT up until about 3 weeks ago. I then purchased the sportcat.a
I am now in the process of purchasing a used BC200XLT, why?

The BC200XLT allows you to input a range to scan, for example 154.00
-155.00 while you are scanning this range your 10 priorities are active
and you can still hear the police and fire in your area

The sportcan doesn't allow this. What it has is predetermined scanning
ranges and you can scan them up and down but you can't listen to the
priority and have to be there pressing the up and down button, thus
I don't really use it.

I'm glad I purchased the sportcat because of the size and I believe it scans
quicker, but I'm also going to get the BC200XLT.
C

I hope this help :)
Cheryl

: Thanks in advance.
: -Larry

: --
: Larry Claman
: claman@speedway.net

7091. Re: PRO-43 800 mod looses 46!

Newsgroup: rec.radio.scanner
Date: 1994-07-31 17:13:30 UTC
From: steven@sgb.oau.org
Message-ID: <CttEIJ.9t7@sgb.oau.org>
Source record: 271051

Charles Copeland (copeland@metronet.com) wrote:
: I installed the cellular mod in my PRO-43 and now 46mhz range is gone.
: The bank still scans these frequencies, but picks up nothing.

: All I did was remove D4. I did not reinstall the diode to D3 to extend the
: 50-80 band.

: Do I have to lose 46mhz range to get 800mhz coverage?

Sounds like something else is wrong here... Mine works great!

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
steven@gate.net | Forest City, Florida
steven@transquest.oe.fau.edu |-----------------------
CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
America Online: sgbradley@aol.com | Modem: 407/862-8088

7092. Re: AOR8000 in Shortwave Magazine

Newsgroup: rec.radio.scanner
Date: 1994-07-31 17:31:08 UTC
From: steven@sgb.oau.org
Message-ID: <CttFBy.9xv@sgb.oau.org>
Source record: 271052

Joseph Jesson (joe@netcom.com) wrote:

: What is the danger of customs seizing the scanner? I know you can
: use for Visa card for ordering scanners.

Well, for starters, no danger -- if it does not arrive, you have a chargeback issued on the card -- as they never delivered, and you cancel the order for same reason.

Next, the law says import or manufacture for USE. Use of a receiving device is listening. Period. Therefore, if you are importing for any other reason, it is not covered by the law. So for reasons of the law you are importing for "show", "exhibit", "storage for overseas trips", and lastly "possession", not use.

Last, the FCC/Customs can not prevent importation of NON FCC certified scanners because they do not provide an up front listing to the public OR the customs inspectors of what is not considered acceptable. Let's look at the facts, since its not certified, chances are it has not been even looked at by the FCC. Even if it has -- if there are units with the SAME model number here in the US, they still would not know if it complied with the USE restrictions. And if they were to try and stop importation of a scanner for any other reason, I'd most likely convert that limitation of USE into the other word they would not want to hear, namely SUE, as in lawsuit.

Since they have no standard by which to evaluate the scanners, there is no means to prevent them. Simple.

Since you can also order parts, it may be possible to order the US made model and upgrade it buy ordering the digital board as a replacement item from overseas -- that is guaranteed not to be a scanning receiver of four or more channels! Digital boards do not affect the actual tuning, therefore, you can change that part and presto -- readily modified!

{I still need an ASCII graphic for the outstreached middle finger to point at the FCC, anyone got one?}

Steven

Internet: steven@sgb.oau.org | Steven G. Bradley
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7093. rr freqs: 1 of 3

Newsgroup: rec.radio.scanner
Date: 1994-07-31 17:51:06 UTC
From: dww5@email.cac.psu.edu
Message-ID: <dww5.108.2E3BE48A@email.cac.psu.edu>
Source record: 271045

These are the rail freqs I have. However, the last FCC list I actually studied was in 1992, so this list is a bit dated. I would appreciate any corrections and new data. Dale dww5@psu.edu

R A I L R O A D F R E Q U E N C I E S

Sorted by railroad as of 25 MAR 1992

RR name..... Frequency. Use.....

Aberdeen & Rockfish RR Co. 160.530 General
Aberdeen & Rockfish RR Co. 161.280 General
***
Akron & Barberton Belt RR Co. 161.550 General
***
Alameda Belt Line 160.935 General
***
Albany Port RR Corp. 161.355 General
***
Alexander RR 161.520 General
***
Algers, Winslow & Western Ry Co. 160.575 General
***
Aliquippa & Southern RR 161.010 General
Aliquippa & Southern RR 161.100 General
Aliquippa & Southern RR 161.490 ?
***
All railroads 161.205 Police mutual aid
All railroads 162.400 Weather service in Allentown,
Elmira, Ottawa, and Rochester
areas
All railroads 162.475 Weather service in Binghamton,
Philadelphia, and Toronto
areas
All railroads 162.550 Weather service in Albany,
Buffalo, Montreal, NJ/NY,
Scranton, and Syracuse areas
***
Allegheny RR Co. 160.290 ?
Allegheny RR Co. 161.460 ?
***
Almanor RR Co. 158.310 General
***
Amtrak 160.290 DC yard
Amtrak 160.320 Dispatcher (where?)

Amtrak 160.350 DC station services
Amtrak 160.440 Police in DC
Amtrak 160.455 Boston car dept.
Amtrak 160.515 MOW
Amtrak 160.590 Dispatcher (where?)
Amtrak 160.635 Radio shop/MoW
Amtrak 160.650 ?
Amtrak 160.680 Police car-to-car
Amtrak 160.695 Commissary?
Amtrak 160.740 12th & 18th St. shops in
Chicago
Amtrak 160.800 Road 1
Amtrak 160.920 Northeast Corridor
Amtrak 160.980 Yard and MOW
Amtrak 161.070 Hudson line / Road channel 2
Amtrak 161.205 Police - car to car
Amtrak 161.265 DC station services
Amtrak 161.295 Police - dispatcher to car
Amtrak 161.325 ?
Amtrak 161.370 DC yard
Amtrak 161.445 Police in DC
Amtrak 161.460 North of Boston
Amtrak 161.490 North of Boston
Amtrak 161.520 Race Street car dept.
Amtrak 161.635 Power dispatcher
***
Angelina & Neches River RR Co. 161.280 General
***
Apache Ry 452.900 General
Apache Ry 457.900 General
***
Apalachicola Northern RR 160.380 Road
Apalachicola Northern RR 160.500 Yard
***
Appanoose County Community RR, Inc. 161.265 General
***
Arkansas & Louisiana Missouri Ry 160.440 Yard
Co.
Arkansas & Louisiana Missouri Ry 160.980 Road
Co.
***
Aroostook Valley RR Co. 160.890 General
Aroostook Valley RR Co. 464.950 General
***
Ashley, Drew & Northern Ry Co. 160.770 General
Ashley, Drew & Northern Ry Co. 161.535 General
***
Atchison, Topeka & Santa Fe Ry 160.245 PBX
Atchison, Topeka & Santa Fe Ry 160.260 PBX channel 3
Atchison, Topeka & Santa Fe Ry 160.275 Barstow yard

Atchison, Topeka & Santa Fe Ry 160.305 Barstow hump
Atchison, Topeka & Santa Fe Ry 160.335 Corwith hump
Atchison, Topeka & Santa Fe Ry 160.355 PBX channel 4
Atchison, Topeka & Santa Fe Ry 160.425 PBX
Atchison, Topeka & Santa Fe Ry 160.440 Barstow car dept.
Atchison, Topeka & Santa Fe Ry 160.530 Barstow yard
Atchison, Topeka & Santa Fe Ry 160.560 Barstow yard/Chicago mobile
phone
Atchison, Topeka & Santa Fe Ry 160.650 Road channel 1
Atchison, Topeka & Santa Fe Ry 160.770 Barstow yard
Atchison, Topeka & Santa Fe Ry 160.860 Yard
Atchison, Topeka & Santa Fe Ry 160.905 Fresno road repeater
Atchison, Topeka & Santa Fe Ry 160.980 Barstow MoW
Atchison, Topeka & Santa Fe Ry 161.010 MoW channel 2
Atchison, Topeka & Santa Fe Ry 161.070 LA car dept.
Atchison, Topeka & Santa Fe Ry 161.145 Barstow hump
Atchison, Topeka & Santa Fe Ry 161.190 LA & Richmond piggyback
Atchison, Topeka & Santa Fe Ry 161.250 Barstow yard
Atchison, Topeka & Santa Fe Ry 161.280 Barstow yard
Atchison, Topeka & Santa Fe Ry 161.305 Piggyback
Atchison, Topeka & Santa Fe Ry 161.340 Barstow yard
Atchison, Topeka & Santa Fe Ry 161.370 L.A. admin., Bakersfield car
dept., Stockton yard, Richmond
yard, Barstow yard
Atchison, Topeka & Santa Fe Ry 161.490 Bakersfield car dept.
Atchison, Topeka & Santa Fe Ry 452.900 Parker-Rice road repeater
***
Atlanta & St. Andrews Bay Ry Co. 160.445 General
Atlanta & St. Andrews Bay Ry Co. 160.770 General
Atlanta & St. Andrews Bay Ry Co. 160.815 General
Atlanta & St. Andrews Bay Ry Co. 161.295 General
***
Atlanta, Stone Mountain & Lithonia 161.025 General
Ry Co.
***
Atlantic & Western Ry Co. 160.275 General
***
Baltimore Metro 160.395 ?
Baltimore Metro 161.085 ?
Baltimore Metro 161.475 ?
Baltimore Metro 161.565 ?
***
Bangor & Aroostook RR 160.230 Channel 2, train
Bangor & Aroostook RR 160.320 Channel 3, train
Bangor & Aroostook RR 160.440 Road channel 1
Bangor & Aroostook RR 160.530 Yard
Bangor & Aroostook RR 160.680 Dispatcher, north
Bangor & Aroostook RR 160.740 Dispatcher, south
Bangor & Aroostook RR 160.920 ?
***

Batten Kill RR Co., Inc. 160.905 General
***
Bauxite & Northern Ry Co. 160.500 General
***
Bay Area Rapid Transit 160.410 Road channel 1
Bay Area Rapid Transit 160.455 Yard
Bay Area Rapid Transit 453.150 Police
Bay Area Rapid Transit 453.425 ?
Bay Area Rapid Transit 453.975 Yard
***
Bay Colony RR Corp. 160.305 Dispatcher
Bay Colony RR Corp. 160.800 General
Bay Colony RR Corp. 161.265 General
Bay Colony RR Corp. 161.305 General
Bay Colony RR Corp. 161.355 General
***
Beaufort & Morehead RR 160.260 General
***
Beech Mountain RR Co. 160.260 General
***
Belfast & Moosehead Lake RR Co. 160.710 General
Belfast & Moosehead Lake RR Co. 161.100 ?
Belfast & Moosehead Lake RR Co. 161.385 General
***
Belt Ry. of Chicago 160.380 Yard
Belt Ry. of Chicago 160.500 Road
Belt Ry. of Chicago 160.695 MoW
Belt Ry. of Chicago 160.965 Clearing yard hump
Belt Ry. of Chicago 161.445 Police
***
Belton RR Co. 160.335 General
Belton RR Co. 165.590 MKT interchange
***
Berlin Mills Ry 160.650 General
***
Bessemer & Lake Erie RR 160.215 Channel 3 (Conneaut, OH car
dept.)
Bessemer & Lake Erie RR 160.380 Road
Bessemer & Lake Erie RR 160.485 Channel 4 (car dept.)
Bessemer & Lake Erie RR 160.830 Channel 1 (road)
Bessemer & Lake Erie RR 161.220 Channel 5 (MoW)
Bessemer & Lake Erie RR 161.310 Yard
Bessemer & Lake Erie RR 161.565 Yard
***
Black River & Western Corp. 502.0375 General
Black River & Western Corp. 502.038 General operations
Black River & Western Corp. 507.035 General operations
Black River & Western Corp. 507.0375 General
***
Bloomer Shippers Connecting RR Co. 161.355 General

***
Blue Mountain & Reading RR 160.310 General
Blue Mountain & Reading RR 161.310 General
***
Boston & Maine Corp. 160.230 Car dept.
Boston & Maine Corp. 160.260 Car dept.
Boston & Maine Corp. 160.350 Hump
Boston & Maine Corp. 160.440 ?
Boston & Maine Corp. 161.160 Dispatcher to train
Boston & Maine Corp. 161.250 Special agents
Boston & Maine Corp. 161.310 Commuter (no longer used)
Boston & Maine Corp. 161.370 MoW
Boston & Maine Corp. 161.400 Yard channel
Boston & Maine Corp. 161.520 Train to dispatcher
***
Brandywine Valley RR Co. 462.7625 General
Brandywine Valley RR Co. 464.5625 General
***
Branford Steam RR 47.480 General
***
British Columbia Ry 159.570 End to end
British Columbia Ry 160.395 MoW
British Columbia Ry 160.995 Mechanical dept.
British Columbia Ry 161.235 Yard and switching
British Columbia Ry 161.370 Dispatcher to train
***
Brownsville & Rio Grande 161.565 General
International RR
***
Buffalo & Lake Erie 160.830 General
Buffalo & Lake Erie 161.310 General
***
Buffalo & Pittsburgh 160.230 General
Buffalo & Pittsburgh 160.320 General
Buffalo & Pittsburgh 160.530 General
***
Buffalo Southern RR 35.960 General
***
Burlington Jct. Ry 160.395 General
***
Burlington Northern 160.100 Road
Burlington Northern 160.260 Channel 1 repeater
Burlington Northern 160.320 Channel 1 repeater
Burlington Northern 160.365 Channel 1 repeater, mobile
telephone (Minn/St.Paul)
Burlington Northern 160.380 Channel 1 repeater
Burlington Northern 160.410 Northtown yard/35th Ave tower
Burlington Northern 160.455 Channel 1 repeater
Burlington Northern 160.590 Channel 1
repeater/Minn-St.Paul carmen

Burlington Northern 160.605 Cicero hump
Burlington Northern 160.620 PBX
Burlington Northern 160.650 Yard/Union yard
Burlington Northern 160.665 PBX, Northtown hump
Burlington Northern 160.710 St. Paul yards
Burlington Northern 160.830 Vancouver yard/Northtown
engineering
Burlington Northern 160.980 Seattle yard
Burlington Northern 161.100 Road channel 1
Burlington Northern 161.130 PBX
Burlington Northern 161.160 Road/Yard channel 2/Northtown
yard
Burlington Northern 161.250 Yard/communications center
Burlington Northern 161.310 Vancouver yard
Burlington Northern 161.370 Communications
Burlington Northern 161.550 BN Motor Freight
Burlington Northern 457.9375 Train telemetry
***
CSX Transportation 160.230 Road channel 1 (ex-Chessie)
CSX Transportation 160.290 Yard, B&OCT yard (ex Seaboard)
CSX Transportation 160.320 Road channel 2 (ex-Chessie)
CSX Transportation 160.410 Yard
CSX Transportation 160.470 Road channel Y, Locust Point
(Baltimore) yard
CSX Transportation 160.530 Train to dispatcher, channel
3, B&O yard (ex-Chessie)
CSX Transportation 160.590 ex Seaboard
CSX Transportation 160.740 Yard
CSX Transportation 160.875 Channel 9 (police)
CSX Transportation 160.890 Channel Y1, Curtis Bay
(Baltimore) yard
CSX Transportation 161.100 ex Seaboard
CSX Transportation 161.160 C&O yard channel, road
CSX Transportation 161.295 Police
CSX Transportation 161.370 Proposed system-wide road (ex
L&N)
CSX Transportation 161.520 Proposed system-wide road (ex
L&N)
CSX Transportation 161.575 Canadian yard channel
CSX Transportation 161.590 SCL lines
CSX Transportation 457.9375 Train telemetry
***
Cadillac & Lake City Ry Co. 160.965 General
***
Cadiz RR Co. 160.550 General
Cadiz RR Co. 161.190 IC interchange
***
Cairo Terminal RR Co. 161.070 General
Cairo Terminal RR Co. 161.190 General
***

California Western RR 160.650 General
***
Camas Prairie RR Co. 160.500 General
Camas Prairie RR Co. 161.235 General
***
Cambria & Indiana RR Co. 160.395 General
Cambria & Indiana RR Co. 160.440 ?
Cambria & Indiana RR Co. 161.415 General
Cambria & Indiana RR Co. 161.490 General
***
Canadian National Rys 160.545 ?
Canadian National Rys 160.785 ?
Canadian National Rys 160.935 ?
Canadian National Rys 161.025 ?
Canadian National Rys 161.205 ?
Canadian National Rys 161.415 Road
Canadian National Rys 457.9375 Train telemetry
***
Canadian Pacific 160.845 ?
Canadian Pacific 161.115 ?
Canadian Pacific 161.175 ?
Canadian Pacific 161.325 ?
Canadian Pacific 161.475 Road
Canadian Pacific 161.535 Dispatcher (where?)
***
Caney Fork & Western RR Co. 160.545 General
***
Canton RR 160.980 General
***
Cape Fear Rys, Inc. 160.860 General
***
Cass Scenic RR 31.980 General
***
Catskill Mountain RR 160.365 Tourist operations
***
Cedar Rapids & Iowa City Ry Co. 160.500 General
Cedar Rapids & Iowa City Ry Co. 161.055 General
***
Cedar Valley RR Co. 160.605 General
Cedar Valley RR Co. 161.535 General
***
Central California Traction Co. 160.305 General
Central California Traction Co. 161.415 Dispatcher link
***
Central Montana Rail, Inc. 160.800 General
Central Montana Rail, Inc. 160.860 General
***
Central New York RR Corp. 161.295 General
***
Central Vermont Ry 160.770 Yard

Central Vermont Ry 160.935 Yard channel
Central Vermont Ry 161.205 Yard & MoW/channel 2 - train
Central Vermont Ry 161.415 Road channel 1
***
Chattahoochee Industrial RR 160.620 General
Chattahoochee Industrial RR 160.860 General
***
Chattahoochee Valley Ry Co. 161.280 General
***
Chesapeake Western Ry 161.190 ?
Chesapeake Western Ry 161.250 ?
Chesapeake Western Ry 161.490 General
***
Chestnut Ridge Ry Co. 154.515 General
***
Chicago & Illinois Midland Ry Co. 160.290 Switching
Chicago & Illinois Midland Ry Co. 160.950 Road
***
Chicago & North Western 160.455 Channel 2 (yard)
Transportation Co.
Chicago & North Western 160.525 Proviso hump
Transportation Co.
Chicago & North Western 160.575 Hump
Transportation Co.
Chicago & North Western 160.860 ?
Transportation Co.
Chicago & North Western 160.890 Road channel 1
Transportation Co.
Chicago & North Western 161.040 Chicago commuter channel C,
Transportation Co. police
Chicago & North Western 452.825 Police repeater
Transportation Co.
Chicago & North Western 457.825 Police car to car
Transportation Co.
***
Chicago & Western Indiana RR Co. 160.500 General
Chicago & Western Indiana RR Co. 161.280 MoW/security
***
Chicago Rail Link 160.635 General
***
Chicago Short Line Ry Co. 160.335 General
***
Chicago South Shore & South Bend RR 161.010 Switching
Chicago South Shore & South Bend RR 161.025 ICG commuter lines
Chicago South Shore & South Bend RR 161.355 Road channel and repeater
***
Chicago Transit Authority 471.0375 ?
Chicago Transit Authority 471.0625 ?
Chicago Transit Authority 471.0875 ?
Chicago Transit Authority 471.1125 ?

***
Chicago, Milwaukee, St. Paul & 160.390 ?
Pacific RR (Milwaukee Road)
Chicago, Milwaukee, St. Paul & 160.395 Bensenville car dept.
Pacific RR (Milwaukee Road)
Chicago, Milwaukee, St. Paul & 160.515 Bensenville hump
Pacific RR (Milwaukee Road)
Chicago, Milwaukee, St. Paul & 160.770 Road
Pacific RR (Milwaukee Road)
Chicago, Milwaukee, St. Paul & 161.100 ?
Pacific RR (Milwaukee Road)
Chicago, Milwaukee, St. Paul & 161.230 ?
Pacific RR (Milwaukee Road)
Chicago, Milwaukee, St. Paul & 161.430 Police, MoW
Pacific RR (Milwaukee Road)
***
Chicago, West Pullman & Southern RR 160.215 General
Co.
***
City of Prineville Ry 161.190 General
***
Claremont & Concord Ry Co., Inc. 160.950 General
***
Clarendon & Pittsford RR Co. 160.010 General
Clarendon & Pittsford RR Co. 160.290 General
***
Cliffside RR Co. 160.665 General
***
Colorado & Eastern RR Co. 160.845 General
***
Colorado & Wyoming Ry Co. 161.250 General
***
Columbia & Cowlitz Ry Co. 160.425 General
Columbia & Cowlitz Ry Co. 161.385 General
***
Columbus & Greenville Ry Co. 160.230 Switching
Columbus & Greenville Ry Co. 160.245 Road
***
Conemaugh & Black Lick RR Co. 161.100 General
Conemaugh & Black Lick RR Co. 161.250 ?
***
Connecticut Central 160.695 General
***
Connecticut DOT 160.920 Road
***
Conrail 160.215 ?
Conrail 160.230 ?
Conrail 160.245 ?
Conrail 160.260 ?
Conrail 160.290 ?

Conrail 160.305 Elkhart "Pullback I" westend
class job #1
Conrail 160.335 ?
Conrail 160.350 ?
Conrail 160.365 Elkhart "Pullback II" westend
class job #2
Conrail 160.400 ?
Conrail 160.410 ?
Conrail 160.425 Elkhart "Pullback III" westend
class job #3
Conrail 160.430 ?
Conrail 160.470 Car dept./Repeater input
Conrail 160.500 Elkhart "Pullback IV" westend
class job #4
Conrail 160.520 Special agents
Conrail 160.530 ?
Conrail 160.535 ?
Conrail 160.545 MOW, Police, Hudson line yard
& locals
Conrail 160.560 Police (infrequent use,
special agents)
Conrail 160.620 ?
Conrail 160.650 MoW vehicles (infrequent use)
Conrail 160.680 Police
Conrail 160.710 MoW car to base/PBX repeater
Conrail 160.800 Road 1, Oak Island yard
Conrail 160.830 63rd St. (Chicago) hump
Conrail 160.860 Yard channel, Chemical Coast
Sec., Elkhart hump channel 2
Conrail 160.920 Trains on the NEC
Conrail 160.980 Yards/River Line below
CP5/South Jersey/Elkhart hump
channel 1
Conrail 160.995 ?
Conrail 161.055 ?
Conrail 161.070 Road channel 2, Lehigh Line,
Trenton Line, Port Reading
Sec., Young Yard
Conrail 161.130 MOW base to car, PBX output
Conrail 161.160 PRSL lines (southern NJ)
Conrail 161.220 Police
Conrail 161.245 Oak Island Yard channel
Conrail 161.325 ?
Conrail 161.340 Car dept. repeater output
Conrail 161.370 ?
Conrail 161.385 ?
Conrail 161.400 Trains on NJT
Conrail 161.430 Movement desk and van drivers
Conrail 161.460 ?
Conrail 161.520 ?

Conrail 161.550 ?
Conrail 161.560 Police
Conrail 457.9375 Train telemetry
***
Conway Scenic Railroad 161.250 General
***
Cooperstown & Charlotte Valley Ry 161.295 General
Corp.
***
Corinth & Counce RR Co. 161.400 General
***
Curtis, Milburn & Eastern RR Co. 160.245 General
Curtis, Milburn & Eastern RR Co. 160.635 General
Curtis, Milburn & Eastern RR Co. 160.995 General
***
Cuyahoga Valley Ry Co. 160.260 General
Cuyahoga Valley Ry Co. 160.290 General
Cuyahoga Valley Ry Co. 160.380 General
***
Dakota Rail, Inc. 160.275 General
Dakota Rail, Inc. 161.055 General
***
Davenport, Rock Island & North 160.710 General
Western Ry Co.
Davenport, Rock Island & North 161.100 General
Western Ry Co.
***
DeQueen & Eastern RR Co. 160.230 Road
DeQueen & Eastern RR Co. 160.605 Yard
DeQueen & Eastern RR Co. 160.785 Yard
DeQueen & Eastern RR Co. 161.445 General
***
Delaware & Hudson Ry 160.320 ?
Delaware & Hudson Ry 160.500 ?
Delaware & Hudson Ry 160.530 Train to dispatcher
Delaware & Hudson Ry 160.590 Dispatcher to train
Delaware & Hudson Ry 161.400 ?
Delaware & Hudson Ry 161.490 ?
Delaware & Hudson Ry 457.9375 Train telemetry
***
Delaware & Ulster 161.385 General
***
Delaware Coast Line RR Co. 160.445 General operations
Delaware Coast Line RR Co. 160.455 General
Delaware Coast Line RR Co. 160.800 CR interchange
***
Delray Connecting RR Co. 153.050 General
Delray Connecting RR Co. 153.080 General
***
Denver & Rio Grande Western RR 160.335 Moab, UT repeater

Denver & Rio Grande Western RR 160.395 Channel 3 input (Moffate
tunnel & Phippsburg-Craig)
Denver & Rio Grande Western RR 160.455 Road channel 4 (Dotsero-Grand
Jct./Salt Lake City
helper/Pueblo-Tennessee
Pass-Grand Jct.
Denver & Rio Grande Western RR 160.485 Car checkers
Denver & Rio Grande Western RR 160.725 Channel 5/MoW
Denver & Rio Grande Western RR 160.830 Carmen repeater input
Denver & Rio Grande Western RR 160.920 Channel 1 (road east of
Dotsero and west of Grand
Jct.)
Denver & Rio Grande Western RR 160.980 Denver piggyback
Denver & Rio Grande Western RR 161.130 Car checkers (except
Denver)/Grand Jct. hump
Denver & Rio Grande Western RR 161.190 Special agents
Denver & Rio Grande Western RR 161.310 Car-men repeater output
Denver & Rio Grande Western RR 161.415 Dispatcher to Hot Sulphur
Springs and Ephraim, UT
Denver & Rio Grande Western RR 161.460 Rio Grande Motorways (trucks)
Denver & Rio Grande Western RR 161.490 Channel 2 (yard)
Denver & Rio Grande Western RR 161.565 Channel 3 (repeater output
Moffat tunnel and
Phippsburg-Craig)
Denver & Rio Grande Western RR 452.875 Road repeater near Denver
Denver & Rio Grande Western RR 452.900 Road repeater near Pueblo,
Alamosa and Moab, UT
Denver & Rio Grande Western RR 457.900 Road repeater Grand
Jct.-Dotsero and Helper-Salt
Lake City
***
Depew, Lancaster & Western RR 160.920 General
***
Des Moines Union Ry Co. 160.440 General
Des Moines Union Ry Co. 160.770 General
Des Moines Union Ry Co. 161.070 General
***
Detroit & Mackinac Ry Co. 161.310 General
Detroit & Mackinac Ry Co. 163.310 General
***
Detroit, Toledo & Ironton 160.800 Road
Detroit, Toledo & Ironton 160.830 Yard
Detroit, Toledo & Ironton 161.070 Yard
Detroit, Toledo & Ironton 161.220 Road
Detroit, Toledo & Ironton 161.280 Yard
Detroit, Toledo & Ironton 161.430 Yard
***
Duluth & Northeastern RR Co. 161.490 General
***
East Broad Top 461.950 General

***
East Camden & Highland RR Co. 160.380 General
***
East Erie Commercial RR Co. 160.590 General
East Erie Commercial RR Co. 161.100 General
***
East Tennessee Ry Corp. 160.425 General
***
Eastern Shore RR 160.695 General
Eastern Shore RR 160.980 Conrail interchange
Eastern Shore RR 161.445 General
***
Eastman Kodak Co. 160.305 Rochester/General
***
Elgin, Joliet & Eastern Ry 160.260 Yard
Elgin, Joliet & Eastern Ry 160.350 Road & repeater
Elgin, Joliet & Eastern Ry 160.530 ?
Elgin, Joliet & Eastern Ry 160.550 ?
Elgin, Joliet & Eastern Ry 161.550 MoW
***
Escanaba & Lake Superior RR Co. 160.320 General
***

7094. rr freqs: 2 of 3

Newsgroup: rec.radio.scanner
Date: 1994-07-31 17:52:49 UTC
From: dww5@email.cac.psu.edu
Message-ID: <dww5.109.2E3BE4F0@email.cac.psu.edu>
Source record: 271046

```
***
Eureka Southern RR Co. 160.755 General
Eureka Southern RR Co. 161.520 General
Eureka Southern RR Co. 161.550 General
***
Everett RR Co. 160.365 General
***
Falls Creek RR Co. 160.455 General
Falls Creek RR Co. 160.800 ?
***
FarmRail Corp. 161.100 General
***
Florida East Coast Ry 160.530 ?
Florida East Coast Ry 160.650 ?
***
Fordyce & Princeton RR Co. 160.575 General
Fordyce & Princeton RR Co. 160.770 General
***
Fore River Ry Corp. 160.215 General
***
Galveston, Houston & Henderson RR 160.410 MP interchange
Galveston, Houston & Henderson RR 160.590 MKT interchange
***
Genesee & Wyoming RR Co. 160.500 Road channel 1
Genesee & Wyoming RR Co. 160.590 Road
***
Georgetown RR 160.995 General
***
Georgia RR 160.950 ?
Georgia RR 161.310 ?
***
Gettysburg RR Co. 160.800 CR interchange
Gettysburg RR Co. 161.235 General
***
Golden Triangle RR 160.455 General
***
Government of Ontario Transit 419.4375 General
***
Grafton & Upton RR Co. 160.245 General
***
Grand Trunk Western RR 160.530 Road channel 2, yard
Grand Trunk Western RR 160.590 Road channel 1
Grand Trunk Western RR 160.755 Police
Grand Trunk Western RR 160.770 ?
```

Grand Trunk Western RR 160.845 Channel 3/yard
Grand Trunk Western RR 160.950 MoW
Grand Trunk Western RR 161.010 ?
Grand Trunk Western RR 161.550 ?
***
Graysonia, Nashville & Ashdown RR 160.575 General
Co.
Graysonia, Nashville & Ashdown RR 161.280 General
Co.
***
Great River RR 160.680 General
***
Great Western Ry, Co. 160.260 General
***
Green Bay & Western RR 160.680 Road repeater
Green Bay & Western RR 161.070 Yard
Green Bay & Western RR 161.250 Road
***
Green Mountain RR Corp. 160.605 Road channel 1
Green Mountain RR Corp. 161.340 Road channel 2
Green Mountain RR Corp. 161.355 Channel 2
Green Mountain RR Corp. 161.445 ?
***
Greenville & Northern Ry Co. 160.425 General
***
Guilford Transportation Industries 160.380 ex MEC road
Guilford Transportation Industries 160.620 ex MEC yard
Guilford Transportation Industries 160.770 ?
Guilford Transportation Industries 160.935 Dispatcher (where?)
Guilford Transportation Industries 161.040 ?
Guilford Transportation Industries 161.160 ex B&M dispatcher to train
Guilford Transportation Industries 161.205 Dispatcher (where?)
Guilford Transportation Industries 161.250 ex MEC/Portland Terminal
Guilford Transportation Industries 161.400 ex B&M yard
Guilford Transportation Industries 161.415 Road
Guilford Transportation Industries 161.520 ex B&M train to dispatcher
***
Harbor Belt Line RR 160.980 General
***
Hartford & Slocum RR Co. 161.250 General
Hartford & Slocum RR Co. 161.490 General
***
High Point, Thomasville & Denton RR 160.515 Winston-Salem SB interchange
Co.
High Point, Thomasville & Denton RR 160.590 SBD interchange
Co.
High Point, Thomasville & Denton RR 161.250 N&W interchange
Co.
***
Hillsdale County Ry Co. 161.100 General

***
Hobo RR 160.470 General
***
Housatonic RR 160.395 General
Housatonic RR 161.505 General
***
Houston Belt & Terminal Ry 160.350 Special agents (alternate
channel)
Houston Belt & Terminal Ry 160.410 MP interchange
Houston Belt & Terminal Ry 160.455 Special agents
Houston Belt & Terminal Ry 160.530 Repeater
Houston Belt & Terminal Ry 160.650 ATSF interchange
Houston Belt & Terminal Ry 160.680 Signal dept.
Houston Belt & Terminal Ry 160.770 General
Houston Belt & Terminal Ry 160.800 Basin yard car dept.
Houston Belt & Terminal Ry 160.920 South yard car dept.
Houston Belt & Terminal Ry 161.100 FW&D interchange
Houston Belt & Terminal Ry 161.610 RI interchange
***
Huron & Eastern Ry Co. 160.440 General
***
Hutchinson & Northern Ry Co. 160.380 General
***
Illinois Central 160.245 ?
Illinois Central 160.650 ?
Illinois Central 160.920 ?
Illinois Central 161.085 ?
Illinois Central 161.100 ?
Illinois Central 161.190 ?
Illinois Central 161.280 ?
Illinois Central 161.340 ?
Illinois Central 161.385 ?
Illinois Central 161.400 ?
Illinois Central 161.460 ?
***
Illinois Central Gulf RR 160.815 Woodcrest shop
Illinois Central Gulf RR 160.920 Ex-GM&O road channel
Illinois Central Gulf RR 161.025 Chicago commuter lines
Illinois Central Gulf RR 161.190 Road channel 1/Markham north
hump/yard
Illinois Central Gulf RR 161.205 Police
Illinois Central Gulf RR 161.295 Markham south hump
Illinois Central Gulf RR 161.460 Markham carmen and yard
Illinois Central Gulf RR 161.505 Markham yard
***
Illinois Terminal RR Co. 160.215 Yard
Illinois Terminal RR Co. 160.350 Road
Illinois Terminal RR Co. 160.440 N&W trackage
Illinois Terminal RR Co. 160.575 Special services
Illinois Terminal RR Co. 160.695 Supervisros

Illinois Terminal RR Co. 160.800 CR trackage
Illinois Terminal RR Co. 160.890 C&NW trackage
Illinois Terminal RR Co. 160.920 ICG (ex-IC) trackage
Illinois Terminal RR Co. 161.190 ICG (ex-GM&O) trackage
***
Indiana & Ohio RR, Inc. 160.575 General
Indiana & Ohio RR, Inc. 161.385 General
***
Indiana Harbor Belt RR 160.485 Riverdale car dept.
Indiana Harbor Belt RR 160.545 Police
Indiana Harbor Belt RR 160.665 Gibson yard
Indiana Harbor Belt RR 160.980 Road channel 1
Indiana Harbor Belt RR 161.070 Road channel 2
Indiana Harbor Belt RR 161.130 MoW
Indiana Harbor Belt RR 161.565 Riverdale hump
***
Indiana Hi-Rail Corp. 160.515 General
Indiana Hi-Rail Corp. 160.590 General
Indiana Hi-Rail Corp. 160.845 General
Indiana Hi-Rail Corp. 161.355 General
***
Iowa Interstate RR, Ltd. 160.230 General
Iowa Interstate RR, Ltd. 160.305 General
Iowa Interstate RR, Ltd. 161.220 General
***
Kankakee, Beaverville & Southern RR 160.800 General
Co.
***
Kansas City Public Service Freight 161.085 General
Operation
***
Kansas City Southern Ry Co. 160.260 ?
Kansas City Southern Ry Co. 160.350 ?
***
Kansas City Terminal Ry Co. 161.010 General
Kansas City Terminal Ry Co. 161.310 General
Kansas City Terminal Ry Co. 161.550 General
***
Kelley's Creek & Northwestern RR 160.620 General
Co.
***
Kentucky & Tennessee Ry 160.800 General
***
Keokuk Junction Ry 160.395 General
Keokuk Junction Ry 160.845 General
***
Klamath Northern Ry Co. 160.545 General
***
Knox & Kane RR Co. 160.800 CR interchange
Knox & Kane RR Co. 161.235 General

***
Kyle RR Co. 160.605 General
Kyle RR Co. 160.935 General
***
Lackawanna Valley RR 161.310 General
***
Lackawaxen & Stourbridge RR Corp. 160.620 General
Lackawaxen & Stourbridge RR Corp. 161.295 General
***
Lake Erie, Franklin & Clarion RR 160.335 General
Co.
Lake Erie, Franklin & Clarion RR 160.355 ?
Co.
Lake Erie, Franklin & Clarion RR 160.650 General
Co.
***
Lake Superior & Ishpeming RR Co. 160.230 ?
Lake Superior & Ishpeming RR Co. 160.950 ?
Lake Superior & Ishpeming RR Co. 161.490 ?
***
Lake Superior Terminal & Transfer 160.740 General
Ry Co.
***
Lake Terminal 160.590 General
***
Lamoille Valley RR Co. 160.230 Road channel 2
Lamoille Valley RR Co. 161.340 Road channel 1
***
Lancaster & Chester Ry Co. 161.130 General
***
Landisville RR, Inc. 160.485 General
***
Laurinburg & Southern RR Co. 160.980 General
***
Lenawee County RR Co. 160.650 General
***
Little Rock & Western Ry Corp. 161.025 General
***
Livonia, Avon & Lakeville RR Corp. 160.830 General
***
Long Island Rail Road 160.380 Road channel 1, towers
Long Island Rail Road 160.395 MoW
Long Island Rail Road 160.455 Police channel 1
Long Island Rail Road 160.605 Police channel 2 (car to car)
Long Island Rail Road 160.620 Police
Long Island Rail Road 160.725 MoW
Long Island Rail Road 160.830 ?
Long Island Rail Road 161.265 Yard channel/channel 3
Long Island Rail Road 161.385 Signal dept.
Long Island Rail Road 161.445 Road channel 2

Long Island Rail Road 161.535 Channel 4, car dept.
***
Longview, Portland & Northern Ry 160.500 General
Co.
***
Los Angeles Junction Ry Co. 161.130 General
***
Los Angeles Transit 160.425 Equipment maint. (base) -
Los Angeles Transit 160.635 Equipment maint. (mobile) -
Los Angeles Transit 160.695 MoW (mobile) - channel 4
Los Angeles Transit 160.725 At scene use
Los Angeles Transit 161.505 MoW (base) channel 4
Los Angeles Transit 471.3375 Road (base)
Los Angeles Transit 474.3375 Road (mobile)
***
Louisiana Midland Ry 160.680 General
***
Louisiana and North West RR Co. 160.530 Road
Louisiana and North West RR Co. 160.650 Yard
***
Louisville & Nashville 161.370 Road channel 1
Louisville & Nashville 161.520 Yard channel 2
***
Ludington and Northern Ry 161.190 General
***
Madison RR 160.605 General
***
Magma Arizona RR Co. 457.900 General
***
Mahoning Valley Ry 160.245 ?
Mahoning Valley Ry 160.965 General
Mahoning Valley Ry 161.475 ?
***
Maine Central RR 160.380 Road
Maine Central RR 160.620 Yard
Maine Central RR 161.250 Portland Terminal
***
Manitou & Pikes Peak Ry Co. 161.550 General
***
Manufacturer's Junction Ry Co. 161.475 Switching
***
Manufacturers Ry Co. 160.575 General
Manufacturers Ry Co. 160.740 General
***
Marinette, Tomahawk & Western RR 160.290 General
Co.
Marinette, Tomahawk & Western RR 160.740 General
Co.
***
Maryland & Delaware RR Co. 160.695 ?

Maryland & Delaware RR Co. 161.385 General
***
Maryland & Pennsylvania RR Co. 160.335 Road channel 1
Maryland & Pennsylvania RR Co. 160.695 Road channel 2 and yard
***
Maryland Midland Ry, Inc. 160.545 Channel 1 - shop and yard
Maryland Midland Ry, Inc. 160.965 Road channel
***
Massachusetts Bay Transportation 160.320 Northside commuter
Authority
Massachusetts Bay Transportation 160.800 ?
Authority
Massachusetts Bay Transportation 161.310 Northside commuter (not in
Authority use)
Massachusetts Bay Transportation 470.6125 Orange line
Authority
Massachusetts Bay Transportation 470.6375 Green line
Authority
Massachusetts Bay Transportation 470.6625 Police
Authority
Massachusetts Bay Transportation 470.6875 Blue line
Authority
Massachusetts Bay Transportation 472.5875 ?
Authority
***
Massachusetts Central RR Corp. 160.470 General
***
Massena Terminal RR Co. 160.500 General
***
McCloud River RR Co. 160.025 Train
McCloud River RR Co. 160.680 Yard
***
McKeesport Connecting RR Co. 160.440 ?
McKeesport Connecting RR Co. 160.605 ?
***
Meridian & Bigbee RR Co. 160.350 General
***
Metro Atlanta Rapid Transit Auth 453.700 ?
Metro Atlanta Rapid Transit Auth 458.700 ?
Metro Atlanta Rapid Transit Auth 458.725 ?
Metro Atlanta Rapid Transit Auth 458.775 ?
***
Metro North Commuter Railroad Co. 160.335 Tunnel emergency channel - GCT
Metro North Commuter Railroad Co. 160.410 MoW (traction)
Metro North Commuter Railroad Co. 160.545 Car dept.
Metro North Commuter Railroad Co. 160.770 Trainmaster - GCT
Metro North Commuter Railroad Co. 160.950 Yard
Metro North Commuter Railroad Co. 161.070 ?
Metro North Commuter Railroad Co. 161.160 Electric traction "Load
Dispatcher"

Metro North Commuter Railroad Co. 161.220 Police
Metro North Commuter Railroad Co. 161.280 Road
***
MetroRail - D.C. 160.260 Operations 1 - Red and Yellow
(in DC) line trains
MetroRail - D.C. 160.380 Operations 2 - Blue and Orange
line trains, plus Yellow line
in VA
MetroRail - D.C. 160.385 Police
MetroRail - D.C. 161.235 Yards & towers/operations 3
MetroRail - D.C. 161.385 Police
MetroRail - D.C. 161.445 MOW control
***
Metropolitan Transit Authority 151.145 Queens - police car-to-base
Metropolitan Transit Authority 151.190 Bronx - police car-to-base
Metropolitan Transit Authority 151.310 Brooklyn - police car-to-base
Metropolitan Transit Authority 158.880 NY Subway / IRT
Metropolitan Transit Authority 160.860 Harmon shops stores dept.
Metropolitan Transit Authority 161.565 NY subway (BMT, IND)
Metropolitan Transit Authority 470.3875 Power director
Metropolitan Transit Authority 473.3875 Power director
***
Michigan Interstate Ry 160.490 General
Michigan Interstate Ry 161.355 General
***
Middletown & Hummelstown RR Co. 161.505 General
***
Minneapolis Northfield & Southern 160.470 Road
Minneapolis Northfield & Southern 160.980 Switching
Minneapolis Northfield & Southern 161.400 Lakeville road repeater
***
Minnesota Transfer Ry Co. 160.560 Road
Minnesota Transfer Ry Co. 160.740 Yard
***
Minnesota, Dakota & Western Ry Co. 160.410 General
Minnesota, Dakota & Western Ry Co. 160.530 General
***
Minnestoa Valley Transportation Co. 161.265 General
Inc.
***
Mississippi & Skuna Valley RR Co. 160.845 General
***
Mississippi Export RR Co. 160.500 General
Mississippi Export RR Co. 161.220 General
Mississippi Export RR Co. 161.400 General
***
Mississippian Ry 160.770 General
***
Missouri Pacific System 160.410 Road
Missouri Pacific System 161.145 Yard

***
Missouri-Kansas-Texas RR 165.590 ?
***
Modesto and Empire Traction Co. 160.965 General
Modesto and Empire Traction Co. 161.175 General
Modesto and Empire Traction Co. 161.325 General
Modesto and Empire Traction Co. 161.505 General
***
Monongahela Connecting RR Co. 160.220 ?
Monongahela Connecting RR Co. 161.220 General
Monongahela Connecting RR Co. 161.400 General
***
Monongahela Ry 161.265 ?
Monongahela Ry 161.385 ?
***
Morristown & Erie Ry Inc. 160.230 General
Morristown & Erie Ry Inc. 161.100 General
Morristown & Erie Ry Inc. 161.400 NJT road
***
Moscow, Camden & San Augustine RR 161.205 General
***
Muncie and Western RR Co. 160.950 General
***
Mystic Valley 158.280 General
***
Napa Valley Wine Train 160.575 General
***
Napierville Junction 160.590 General
***
Nashville & Ashland City RR 160.635 General
***
Natchez Trace RR 160.635 General
***
Nevada Northern Ry 462.125 General
Nevada Northern Ry 462.150 General
***
New England Southern RR Co. 160.395 Channel 2
New England Southern RR Co. 161.025 Channel 1
New England Southern RR Co. 161.520 ?
***
New Hampshire North Coast 160.275 ?
New Hampshire North Coast 161.385 ?
***
New Hope & Ivyland RR 160.425 General
New Hope & Ivyland RR 160.475 ?
New Hope & Ivyland RR 161.475 General
***
New Jersey Transit Rail Operations 160.230 General
New Jersey Transit Rail Operations 160.380 Police
New Jersey Transit Rail Operations 160.410 Power dept.

New Jersey Transit Rail Operations 160.440 MOW, C&S
New Jersey Transit Rail Operations 160.800 Road channel on CR
New Jersey Transit Rail Operations 160.830 Police
New Jersey Transit Rail Operations 160.890 Maintainers, mechanical dept.
New Jersey Transit Rail Operations 160.920 NEC
New Jersey Transit Rail Operations 161.115 MOW
New Jersey Transit Rail Operations 161.370 Newark subway
New Jersey Transit Rail Operations 161.400 Road channel
New Jersey Transit Rail Operations 161.440 Maintainers
***
New Orleans Public Belt RR 160.320 General
New Orleans Public Belt RR 160.530 General
***
New York & Lake Erie RR 160.365 ?
New York & Lake Erie RR 160.920 General
New York & Lake Erie RR 161.355 ?
***
New York Cross Harbor RR Terminal 160.590 General
Corp.
***
New York, Susquehanna and Western 160.485 Southern division general
Ry Corp.
New York, Susquehanna and Western 160.620 Northern division
Ry Corp.
New York, Susquehanna and Western 161.295 ?
Ry Corp.
***
Newburgh & South Shore 160.650 ?
Newburgh & South Shore 160.890 ?
***
Nicolet Badger Northern RR 161.115 General
***
Nittany & Bald Eagle RR Co. 160.560 General
Nittany & Bald Eagle RR Co. 160.590 General
***
Norfolk & Western Ry 160.485 Carmen
Norfolk & Western Ry 161.190 Road
Norfolk & Western Ry 161.205 Piggyback
***
Norfolk Southern Corp. 160.245 Southern lines
Norfolk Southern Corp. 160.440 N&W lines, road channel 3,
Norfolk Southern Corp. 160.830 ex Southern
Norfolk Southern Corp. 160.950 Southern lines
Norfolk Southern Corp. 161.115 Train telemetry
Norfolk Southern Corp. 161.190 ex N&W road
Norfolk Southern Corp. 161.250 Road channel 2 (ex-NKP),
Calumet yard
Norfolk Southern Corp. 161.490 ex Southern yard
***
Norfolk and Portsmouth Belt Line RR 160.905 ?

Co.
Norfolk and Portsmouth Belt Line RR 160.980 General
Co.
***
Norfolk, Franklin & Danville 161.190 ?
Norfolk, Franklin & Danville 161.250 ?
***
North Carolina Ports Ry Commission 160.320 General
***
North Louisiana & Gulf RR Co. 160.230 General
North Louisiana & Gulf RR Co. 160.755 General
***
North Shore RR Co. 160.455 General
***
North Stratford RR Corp. 161.550 General
***
Octararo Ry 160.545 General
***
Ohi-Rail Corp. 160.845 General
***
Ohio Central RR 160.845 General
***
Ohio Southern 160.845 General
***
Old Augusta RR Co. 160.425 General
***
Ontario & Eastern 160.725 General
***
Ontario Central RR Corp. 161.370 General
***
Ontario Midland RR Corp. 161.370 General
***
Ontario Northland Ry 160.545 ?
Ontario Northland Ry 160.995 ?
Ontario Northland Ry 161.265 ?
***
Oregon & Northwestern RR Co. 153.170 General
Oregon & Northwestern RR Co. 153.290 General
***
Oregon, California & Eastern Ry Co. 160.440 General
Oregon, California & Eastern Ry Co. 160.605 General
***
Oregon, Pacific and Eastern Ry Co. 160.980 General
***
Panther Valley RR Corp. 161.310 General operations
***
Patapsco & Back Rivers RR Co. 160.365 General
Patapsco & Back Rivers RR Co. 160.590 ?
Patapsco & Back Rivers RR Co. 160.845 ?
Patapsco & Back Rivers RR Co. 161.115 ?

Patapsco & Back Rivers RR Co. 161.520 ?
***
Pecos Valley Southern Ry Co. 161.100 General
***
Peninsula Terminal RR 457.775 General
***
Peoria and Pekin Union Ry 160.530 General
***

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***
Philadelphia, Bethlehem and New 160.215 General
England RR Co.
Philadelphia, Bethlehem and New 160.575 General
England RR Co.
Philadelphia, Bethlehem and New 160.695 General
England RR Co.
Philadelphia, Bethlehem and New 161.280 General
England RR Co.
Philadelphia, Bethlehem and New 161.565 General
England RR Co.
***
Pickens RR Co. 161.280 General
***
Pigeon River RR Co. 461.825 General
***
Pine Creek RR 159.375 ?
Pine Creek RR 159.465 ?
***
Pioneer Valley RR Co. Inc. 160.335 Channel 1
Pioneer Valley RR Co. Inc. 161.085 ?
***
Pittsburgh & Lake Erie RR 160.890 ?
Pittsburgh & Lake Erie RR 160.995 ?
Pittsburgh & Lake Erie RR 161.070 ?
Pittsburgh & Lake Erie RR 161.340 ?
***
Pittsburgh & Shawmut RR Co. 160.740 ?
Pittsburgh & Shawmut RR Co. 161.160 General
***
Pittsburgh and Ohio Valley Ry 161.370 General
***
Pittsburgh, Allegheny & McKees 160.425 General
Rocks RR Co.
Pittsburgh, Allegheny & McKees 161.160 ?
Rocks RR Co.
***
Pittsburgh, Chartiers & Youghioheny 160.590 General
Ry Co.
Pittsburgh, Chartiers & Youghioheny 160.980 General
Ry Co.
***
Pocono Northeast Ry Inc. 160.965 General
***
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Point Comfort & Northern Ry 160.500 General
***
Port Authority Trans Hudson 160.470 Road
Port Authority Trans Hudson 160.485 ?
Port Authority Trans Hudson 160.515 ?
Port Authority Trans Hudson 161.040 Police
Port Authority Trans Hudson 161.190 ?
Port Authority Trans Hudson 161.460 Maintenance and emergency
Port Authority Trans Hudson 161.505 ?
Port Authority Trans Hudson 161.535 General
***
Port Authority Transit Corp. 500.8125 Channel 1 - police
Port Authority Transit Corp. 500.8375 Channel 2 - MOW dispatcher
Port Authority Transit Corp. 500.8875 Channel 3 - secondary train
dispatcher
Port Authority Transit Corp. 500.9125 Channel 4 - primary train
dispatcher
***
Port Bienville RR 160.695 General
***
Port Royal RR 160.980 General
***
Port Terminal RR of South Carolina 160.980 General
***
Portland Traction Co. 160.575 General
***
Providence and Worcester RR Co. 160.560 ?
Providence and Worcester RR Co. 160.650 Road (channel 1)
Providence and Worcester RR Co. 160.755 Police
Providence and Worcester RR Co. 160.890 MoW
Providence and Worcester RR Co. 161.100 Yard channel (channel 2)
Providence and Worcester RR Co. 452.9125 ?
***
Quebec North Shore & Labrador 159.810 ?
Quebec North Shore & Labrador 160.215 ?
Quebec North Shore & Labrador 160.290 ?
Quebec North Shore & Labrador 160.335 ?
***
Rahway Valley Co. 161.025 General
***
Rarus Ry Co. 160.320 General
Rarus Ry Co. 160.380 General
***
Reading, Blue Mountain & Northern 160.980 CR interchange
Reading, Blue Mountain & Northern 161.310 General
***
Richmond, Fredericksburg & Potomac 161.355 ?
RR
Richmond, Fredericksburg & Potomac 161.490 ?
RR

Richmond, Fredericksburg & Potomac 161.550 ?
RR
***
Ringling Bros., Barnum & Bailey 151.625 General
***
River Terminal Ry Co. 161.370 General
***
Rochester & Southern RR 160.230 ?
Rochester & Southern RR 160.770 Road
Rochester & Southern RR 161.100 ?
Rochester & Southern RR 161.445 ?
Rochester & Southern RR 452.9125 ?
Rochester & Southern RR 457.9125 ?
***
Rock Island 160.215 Joliet road repeater
Rock Island 160.320 Minn./St. Paul yard
Rock Island 160.935 Police
Rock Island 161.220 Chicago PBX
Rock Island 161.340 Car dept. mobile phone
Rock Island 161.610 Road
***
Rockdale, Sandow & Southern RR Co. 160.500 General
***
Roscoe, Snyder and Pacific Ry Co. 160.365 General
***
Sabine River & Northern RR Co. 161.455 General
***
Sacramento Northern Ry 160.215 General
Sacramento Northern Ry 160.500 General
Sacramento Northern Ry 160.680 General
Sacramento Northern Ry 160.830 General
***
Saint Maries River RR Co. 160.275 General
Saint Maries River RR Co. 161.055 General
***
Salt Lake, Garfield and Western Ry 161.070 General
Co.
***
Saltville RR Co. 160.980 General
***
San Diego & Imperial Valley RR Co. 160.530 General
***
San Luis Central RR Co. 160.680 General
***
San Manuel Arizona RR Co. 161.460 General
***
Sand Springs Ry Co. 160.230 General
***
Sandersville RR Co. 160.860 General
***

Santa Maria Valley RR Co. 160.770 Road
Santa Maria Valley RR Co. 161.175 Yard
***
Shade Gap Electric 151.625 General
***
Shamokin Valley 160.455 General
***
Shore Fast Line, Inc. 160.335 General
Shore Fast Line, Inc. 161.385 Portables
***
Sierra RR Co. 160.590 General
***
Somerset RR Corp. 160.380 General
Somerset RR Corp. 160.800 ?
Somerset RR Corp. 161.040 General
***
Soo Line RR 160.260 Police, piggyback
Soo Line RR 160.725 Shoreham yard
Soo Line RR 160.770 ?
Soo Line RR 161.370 Road
Soo Line RR 161.520 Yard
***
South Branch Valley RR 31.240 General
***
South Brooklyn Ry Co. 160.845 ?
South Brooklyn Ry Co. 161.190 General
South Brooklyn Ry Co. 161.280 General
South Brooklyn Ry Co. 161.565 ?
***
South Buffalo Ry Co. 160.845 General
South Buffalo Ry Co. 161.190 General
South Buffalo Ry Co. 161.280 General
South Buffalo Ry Co. 161.565 General
***
South Central Tennessee RR Co. 161.355 General
***
Southeastern Pennsylvania 160.290 C&S dept.
Transportation Authority
Southeastern Pennsylvania 160.350 Road channel south of
Transportation Authority Brown-Phila.
Southeastern Pennsylvania 160.395 Yard
Transportation Authority
Southeastern Pennsylvania 160.460 Road north of Brown-Phila
Transportation Authority
Southeastern Pennsylvania 160.800 Road channel 1
Transportation Authority
Southeastern Pennsylvania 161.235 Administrative PBX
Transportation Authority
Southeastern Pennsylvania 161.460 Road channel north of
Transportation Authority Brown-Phila

***
Southern Pacific Transportation Co. 160.230 Roseville car dept.
Southern Pacific Transportation Co. 160.260 Yard
Southern Pacific Transportation Co. 160.320 California road repeater
Southern Pacific Transportation Co. 160.350 Southern CA road repeater
Southern Pacific Transportation Co. 160.425 ?
Southern Pacific Transportation Co. 160.620 ?
Southern Pacific Transportation Co. 160.725 ?
Southern Pacific Transportation Co. 160.740 Yard
Southern Pacific Transportation Co. 160.800 ?
Southern Pacific Transportation Co. 160.845 Yard, Yuma-Ogilby road
Southern Pacific Transportation Co. 160.860 Hump
Southern Pacific Transportation Co. 160.890 PBX channel 2
Southern Pacific Transportation Co. 160.920 ?
Southern Pacific Transportation Co. 160.950 PBX channel 3
Southern Pacific Transportation Co. 160.980 Yard, Roseville hump
Southern Pacific Transportation Co. 161.100 Yard
Southern Pacific Transportation Co. 161.130 ?
Southern Pacific Transportation Co. 161.205 Police
Southern Pacific Transportation Co. 161.220 L.A. police
Southern Pacific Transportation Co. 161.310 Yard
Southern Pacific Transportation Co. 161.340 ?
Southern Pacific Transportation Co. 161.400 Yard, police
Southern Pacific Transportation Co. 161.430 Yard
Southern Pacific Transportation Co. 161.520 ?
Southern Pacific Transportation Co. 161.550 Road channel 1
Southern Pacific Transportation Co. 452.900 Colton yard
Southern Pacific Transportation Co. 452.9125 ?
Southern Pacific Transportation Co. 452.925 Tehachapi Locotrol
Southern Pacific Transportation Co. 452.9375 ?
Southern Pacific Transportation Co. 457.9125 ?
***
Spencerville and Elgin RR Co. 160.965 General
***
St. Lawrence & Atlantic 160.815 General
St. Lawrence & Atlantic 160.965 General
St. Lawrence & Atlantic 160.970 General
***
St. Lawrence RR 160.210 ?
St. Lawrence RR 160.215 Road
St. Lawrence RR 160.260 ?
St. Lawrence RR 160.725 Yard
St. Lawrence RR 161.160 ?
***
St. Louis-San Francisco 161.130 ?
***
St. Marys RR Co. 160.620 General
***
Staten Island Rapid Transit Ry 160.485 General
Staten Island Rapid Transit Ry 161.250 telemetry

Staten Island Rapid Transit Ry 470.4375 Road & dispatcher
Staten Island Rapid Transit Ry 470.4875 MOW
Staten Island Rapid Transit Ry 473.4375 Road & dispatcher
Staten Island Rapid Transit Ry 473.4875 MOW
***
Steamtown 160.290 ?
Steamtown 161.500 ?
***
Steelton & Highspire RR Co. 160.425 General
Steelton & Highspire RR Co. 160.920 ?
Steelton & Highspire RR Co. 161.190 General
***
Stockton Terminal & Eastern RR 160.455 General
***
Stourbridge RR 160.455 General
***
Strasburg Rail Road Co. 161.235 General
***
Tacoma Municipal Belt Line Ry 161.070 General
***
Tennken RR Co. 160.365 General
Tennken RR Co. 160.605 General
***
Terminal Ry, Alabama State Docks 161.070 General
Terminal Ry, Alabama State Docks 161.100 General
***
Texas & Northern Ry Co. 161.100 General
***
Texas City Terminal Ry Co. 160.410 General
Texas City Terminal Ry Co. 160.650 General
***
Texas North Western Ry Co. 160.455 General
***
Texas South-Eastern RR Co. 160.920 General
***
Texas, Oklahoma & Eastern RR Co. 160.230 Road
Texas, Oklahoma & Eastern RR Co. 160.605 General
Texas, Oklahoma & Eastern RR Co. 160.785 General
Texas, Oklahoma & Eastern RR Co. 161.445 General
***
Tidewater Southern Ry 160.515 General
Tidewater Southern Ry 160.920 General
***
Tioga Central RR 151.955 General
***
Toronto, Hamilton & Buffalo Ry 161.265 ?
Toronto, Hamilton & Buffalo Ry 161.505 ?
***
Tradewater Railway Co. 160.635 General
Tradewater Railway Co. 161.190 General

***
Transkentucky Transportation RR 160.665 General
Inc.
Transkentucky Transportation RR 161.265 General
Inc.
Transkentucky Transportation RR 161.445 General
Inc.
***
Trona Ry Co. 161.190 General
***
Tulsa-Sapulpa Union Ry Co. 161.070 General
***
Tuscola & Saginaw Bay Ry Co. 160.575 General
Tuscola & Saginaw Bay Ry Co. 161.100 General
***
Union Pacific RR 160.230 ?
Union Pacific RR 160.275 Police
Union Pacific RR 160.290 PBX
Union Pacific RR 160.350 ?
Union Pacific RR 160.410 Hump
Union Pacific RR 160.515 Road channel 2
Union Pacific RR 160.560 ?
Union Pacific RR 160.605 PBX
Union Pacific RR 160.680 Yard channel 4
Union Pacific RR 160.710 Yard
Union Pacific RR 160.740 Road channel 1
Union Pacific RR 160.800 ?
Union Pacific RR 160.830 Yard
Union Pacific RR 160.860 ?
Union Pacific RR 160.980 Yard
Union Pacific RR 161.010 Portola Museum channel 1
Union Pacific RR 161.115 Portola Museum channel 2
Union Pacific RR 161.310 Car dept.
Union Pacific RR 161.340 Car dept.
***
Union RR 160.260 ?
Union RR 160.500 ?
Union RR 160.620 ?
***
Upper Merion & Plymouth RR Co. 160.485 General
***
Utah Ry Co. 160.560 General
Utah Ry Co. 161.145 General
***
Valdosta Southern Ry Co. 160.680 General
***
Valley RR 151.925 General
Valley RR 160.695 General
***
Ventura County Ry Co. 160.455 General

***
Vermont Ry Inc. 160.290 General
Vermont Ry Inc. 160.440 General
Vermont Ry Inc. 160.710 Road and yard
Vermont Ry Inc. 161.010 Dispatcher
***
Washington County RR 160.470 ?
Washington County RR 161.190 ?
***
Washington Terminal Co. 160.290 General
***
West Jersey RR 161.025 General
***
West Jersey Short Line Inc. 161.025 General
***
West Shore RR Corp. 154.570 General
***
West Tennessee 160.245 General
West Tennessee 161.070 General
West Tennessee 161.475 General
***
West Virginia Northern RR Co. 161.250 General
***
Western RR Co. 160.335 General
***
Willamette Valley RR Co. 160.530 General
Willamette Valley RR Co. 160.560 General
Willamette Valley RR Co. 161.070 General
***
Wilmington & Western Ry 160.920 ?
Wilmington & Western Ry 161.310 General
Wilmington & Western Ry 462.700 General operations - DE
***
Winchester and Western RR Co. 160.920 General (VA)
Winchester and Western RR Co. 161.310 General (NJ)
***
Winifrede RR Co. 160.830 General
***
Winston-Salem Southbound Ry Co. 160.515 General
Winston-Salem Southbound Ry Co. 160.590 General
Winston-Salem Southbound Ry Co. 161.250 General
***
Wisconsin & Southern RR Co. 160.575 General
Wisconsin & Southern RR Co. 161.145 General
***
Youngstown & Austintown RR Co. 160.845 General
***
Yreka Western RR Co. 161.070 General
***

7096. Re: PRO-46 keypad beep disable?

Newsgroup: rec.radio.scanner
Date: 1994-07-31 18:00:26 UTC
From: DPalmer@ix.netcom.com
Message-ID: <31gorq$g2b@ixnews1.ix.netcom.com>
Source record: 271048
Cross-posted to: alt.radio.scanner,rec.radio.scanner

In <31g0bv$11k@minerva.willamette.edu> rschmelt@willamette.edu (Robert J. Schmeltzer) writes:

>
> When I first got my PRO-46, I enjoyed the audio feedback from
> using the keypad. Now it is driving me crazy. I'm guessing it ca be
> disabled, but I don't know how. Any tips would be much appreciated.
>--

Cut the coppper trace from pin 80 on IC-1489 to L-201. Pin 80 should be the first pin on the left side of the IC, counting up from the diagonally cut corner.
--

David Palmer DPalmer@ix.netcom.com
Monterey, California

7097. Re: My $.02 on Scanner Laws

Newsgroup: rec.radio.scanner
Date: 1994-07-31 18:17:11 UTC
From: sjking@freenet2.scri.fsu.edu
Message-ID: <31gpr7$8jg@freenet3.scri.fsu.edu>
Source record: 271049

Just to add my $0.015 (after taxes) worth...

Although I think the federal law prohibiting receiving unsrambled FM frequencies on the cellular phone band and state laws (California) prohibiting receiving unscramled FM signals on the cordless phone band are immoral and impractical, there are two issues: business and residential. I am not experienced with the business side, e.g., HBO in pre-scrambled days, but if a business' product is contained in the RF signal then receiving that signal without permission (or descramling an encrypted signal especially) would be like stealing a can of beans from Albertsons.

As for the issue of listening to the phone company's microwave links, that should be illegal because of the phone customer's reasonable expectation of privacy. If you use your landline telephone, you should be able to expect that your call will be private (unless the FBI is out to get you or the President doesn't like you). If you use an unencrypted cell phone or cordless phone, you should not have any expectation for privacy since your conversation is sent out into the ether for everyone with basic radio equipment can hear you. If the signal is encrypted, that is another thing. If it is encrypted, there is some level of privacy but not as much as using a normal phone.

The problem with current scanner laws is that they artificially creating a sense of security on VERY UNSECURE modes of communication. They are equivalent to, IMHO, making it illegal to listen if your neighbors talk to each other with bullhorns.

--
Steven King SJKing@Freenet.FSU.EDU | Packet: KC6WCH @ N0ARY.#NOCAL.CA.USA.NA
V-Mail (904) 375-8658 x5464 | ICBM: 29N 41' 26" / 82W 21' 17"
** GORE IN '94 ** | "SURF, KITTY! SURF!"

7098. R7000 for sale

Newsgroup: rec.radio.scanner
Date: 1994-07-31 18:31:13 UTC
From: basham@hpcc01.corp.hp.com
Message-ID: <71960009@hpcc01.corp.hp.com>
Source record: 271053

For Sale: ICOM R-7000 Scanning receiver (25 MHZ - 2 GHZ coverage)

Includes optional IR Remote Control

Like new condition, original factory box & manual included

$1150.00 (You pay shipping / I pay COD)

email to basham@hpcc01.corp.hp.com
phone: 408-261-2000 after 7 PM PST

7099. Airshow Freqs -- CAF?

Newsgroup: rec.radio.scanner
Date: 1994-07-31 19:06:45 UTC
From: brandall@nyx.cs.du.edu
Message-ID: <31gso5$4fd@nyx.cs.du.edu>
Source record: 271050

Greetings, all:

Forgive me if this has been posted and I missed it, but does anyone
have the frequencies used by the Confederate Air Force in their airshow
performances?

Many thanks,

^--^
x x Wombat
?

7100. Re: Freedom of Informati

Newsgroup: rec.radio.scanner
Date: 1994-07-31 19:21:00 UTC
From: john.tant@exchange.com
Message-ID: <2d.9409.603.0N850BF4@exchange.com>
Source record: 271070

>>>Message-ID: <0005FD52.fc@aardvark.bah.rochester.ny.us>
>Newsgroup: rec.radio.scanner
>Organization: Aardvark Burrow BBS 1716-383-1372 (data)

> Try taking a look at this file... It should help
>** Via the Aardvark Burrow BBS - 1-716-383-1372**

>(This file must be converted with BinHex 4.0)
>:%d0TG'PkC@jc)%C258%J4h9TC'8!9%9B9(4dH(3!N!-"DBN!N!4r48%J3fPdDAT
>PER-J4h9TC'8JEfiJ9A0TEQFJG'KP)%CbC@9NEfdJEfBJ5@jQEh*YBA4TEfiJ3@0
>d)'&ZC#"dD'808(*TGQ&MH5!J3@0d)#"[CL!a16Fd)(4[)&*PFA9PFh3J4fpfCA*

If it's so all-fired important that it rates 5 rather large msgs
in the newsgroup, why don't you convert the @@## thing before you
send it. I don't have BinHex 4.0 and I'll bet a lot of others
don't either.

John

---
* WR # 365 * Alas, poor tagline. I wrote it well.....

7101. ECPA Court Cases (query)

Newsgroup: rec.radio.scanner
Date: 1994-07-31 19:52:16 UTC
From: David Harpe <david_harpe@mm.cobb.ziff.com>
Message-ID: <CttLv4.In@zcias2.ziff.com>
Source record: 271065

Is anyone aware of a case where a person was arrested and charged in violation of the ECPA? Specifically, in violation of the sections regarding the monitoring of cellular phone calls. If so, were they convicted or acquitted?

I'm curious, simply because it's been around for awhile and I haven't heard of a test case. Am I living in a cave and missed it, or has it not happened yet?

David Harpe
Computer & Communications Specialist (translation: The fix-it-when-it's-broke guy)
The Cobb Group

david_harpe@mm.cobb.ziff.com

7102. Optoelec's 3000A handicounter review

Newsgroup: rec.radio.scanner
Date: 1994-07-31 21:41:25 UTC
From: bmork@opus-ovh.spk.wa.us
Message-ID: <qZHcqc3w165w@opus-ovh.spk.wa.us>
Source record: 270993
Cross-posted to: fido.spo-ham,fido.amateur_radio,rec.radio.scanner,alt.radio.scanner

Optoelectronics 3000A Product Review - September 1993
Copyright (c) 93,94 Brian Mork -- "not to make money, but to keep it that way for others."

>>> HISTORY
June 19th of 1993, I distributed a product review of Optoelectronics' 3000A handicounter. It had bad dBm calculations. A 29 July distribution fixed these errors and the text was cleaned up in other ways. More complete input sensitivities were reported. This version includes subsequent perspective after use of OE's M1 handicounter (see the M1 product review of this same date -- it is a pared down version of the 3000A). Damien Thorn (Internet drdamien@delphi.com) wrote a non-technical review article on several of OE's products (covering more why you'd want them and what to do with them once you own them) that appeared in the August 1993 issue of Nuts & Volts.

>>> ABSTRACT
A 10Hz-3GHz feature-laden counter/timer/frequency meter could be a good addition to your shack if you don't have the functionality yet. There are some disallowed configurations that give you less than you may think if you casually read the laundry list of features. Input specifications need more attention or at least acknowledgement of real-life problems.

>>> CONSTRUCTION
The case is an extruded U-channel of aluminum with a flat top plate and end plates. The end plates screw into the U-channel with four screws, one of which is a machine screw. This one is by the A input, apparently designed to provide a better "bite" into an interior copper shielding plate around the A input.

A single 9.2cm x 12.6cm circuit board lies under the faceplate, directly mounting the three buttons and six slide switches, which, in turn, poke through the front plate. A piggyback (piggyfront?) board holds the LCD display. There are two main chips--the OE10 vaulted in Optoelectronics' marketing literature and an SC87C51. My 8751 is labeled M1.3000A 5.20.93 VER 2.1 with a little sticky label. The two main chips and a transformer on the board have a white chalky substance around them as if they were hand soldered and the flux vapors weren't cleaned off. Hope it doesn't corrode. Probably 200 additional components, mostly surface mounted, also occupy the circuit board.

The six batteries are stuck to the back shell (double sided tape?). The two battery wires terminate on the circuit board with a separable connector. The batteries' weight and the solid aluminum case give the unit a solid feel. Neither the wall-wart charging unit or the 3000A itself have

a charging light. For the extra resistor and LED, I would like one. Too many times I've had some master switch, wall switch or loose plug inadvertently negate my effort to charge batteries. And when do you find out? When you needed the unit to be charged.

There are three plastic sheets stuck on the external top and face of the unit. My top piece was peeling off slightly. The front bottom one was crooked enough to let Button 2 not bounce back up. Slight trimming fixed that. I can't tell if the white lettering is applied on top of the plastic or behind the plastic. I hope it's behind so that they don't wear off. All the aluminum is painted black --not drippy, but it has the appearance of thick enamel. Personally, I would much rather have black anodized so there would be no possibility of chipping paint.

>>> OWNER'S MANUAL
It's five sheets of photocopied 8-1/2" x 11", printed in landscape mode and folded in half. It's short, but operation of the 3000A is easy, so maybe a lot isn't needed. I would propose inclusion of a few diagrams and tables rather than all linear text description. Included in the manual are:

Features description..... 2 pages
Specifications..... 1 page
Operation..... 2 pages
Data Interface..... 2 pages
Block schematic..... 2 pages
Operation hints..... 4 pages
Battery & Power..... 1 page
Calibration..... 1 page
Warrantee..... 1 page
Service & Return..... 1 page

A loose sheet of paper describes how to turn on the backlight option.

I wanted to know what I could plug into this meter. Nowhere in the specs or owner's manual are the max input ratings. After talking with the factory (toll call is small compared to the purchase price, but still is annoying), I find the 1 Mohm inputs can handle a maximum on the order of 50 volts AC+DC. The Model 3000 (not the 3000A) specified 100V RMS as the maximum. Anyhow, I feel good about plugging in TTL.

DON'T plug TTL into the inputs if the 50 ohm switch is selected! More subtly, be sure you *unplug* it before you slide the switch to the 50 ohm position. The same phone call revealed that the 50 ohm inputs handle a maximum of +15 dBm. That's 1.2 volts RMS in a 50-ohm system, corresponding to 3.4 volts Peak-to-Peak if the waveform is a sine wave. Another user was told by a factory technician that "a 5W HT connected to the counter input for a short time would not damage the counter." Five watts is about +37 dBm! Does the amount of time matter? The correct numbers need to be in an Owner's Manual, especially since the warranty excludes "damage to the input circuitry from the application of an excessive input signal."

I would suggest making no direct electrical connections to the 50 ohm amps. Only antenna type inputs should be used when the 50 ohm amps are selected. I've wrapped an 8" wire (snake like) around cordless phone antennas, and that works ok, but even this would be *way* to much for a 100W HF transmitter. Be careful. Full scale bar graph ranges from 2 - 4 mV, depending on the frequency. If you stay on scale, you're safe, but most of the valid input window is above "full scale." In the range 4 mV to approximately 1200 mV, you'll be increasing power "in the blind."

>>> OPERATION
Some non-obvious combinations of functions and inputs is the order of the day. This is kind of weird, but is intentional to give you the best sensitivity possible, using a number of specialized input amps.

Turn it on, holding down a Button 2 if you want the optional backlight to come on. Button 3 selects the gate time (resolution). With a slide switch, you select either 1 Mohm (Hi-Z) or 50 ohm (Lo-Z) amplifiers.

If you select Hi-Z inputs, Button 1 selects either/both A and B inputs. Button 2 rotates between FREQUENCY, PERIOD, INTERVAL, and RATIO. Input A measures only 10Hz - 50MHz, with sensitivity of a few tens of millivolts. Input B measures only 10Hz - 10MHz, with a sensitivity of better than ten millivolts.

If you select Lo-Z inputs, a signal strength bar-graph indication automatically appears and you must select one of three input amps:

Input A only, from 10MHz - 220MHz (0.3 to 5mV sensitivity)
Input A only, from 10MHz - 880MHz (divide by 4 prescaler)
Input B only, from 500MHz - 3000MHz (new amp, div by 16 prescaler)

On one of OE's product literature flyers, they speak of a 1-200MHz input. A phone call confirmed that this range exists only as a typo on the product literature flyer.

In parallel with all the above input selections, two switches let you operate in either of four modes. I'll call them modes 00, 01, 10, and 11, representing whether FILTER and CAPTURE, respectively, are off (0) or on (1).

00 (FILTER off, CAPTURE off) Operates as described above. This is the single mode of the original Model 3000. Meter shows updated values even if it's counting noise. Gate light blinks continuously.

10 (FILTER on, CAPTURE off) PERIOD, INTERVAL and RATIO are disabled. Computer logic looks for meaningful oscillations, providing a new frequency value only if a legitimate count is acquired. A higher level of filtering can be selected by holding down Button 3 during power up.

11 (FILTER on, CAPTURE on) Same as mode 10 except nothing happens until you arm the system by pressing Button 2. Once you do this, the word "frequency" flashes on the display until a legitimate

count is snagged. A three-memory buffer (the display plus two more) keeps previous values. They are referred to as X, A, and B. X contains the most recent, A the second most recent, and B the third most recent. When a fourth value is snagged, the value in B is lost.

01 (FILTER off, CAPTURE on) In this mode, no measurements are taken. Button 2 rotates between the three memories recorded in mode 11.

>>> PRODUCT SUPPORT
In some sense, there's not much to support. The meter either works or it doesn't. Operation is very straight forward. I don't call to harass service personnel and I *do* read the manuals first. I did call to find out about the input characteristics as discussed above and was, well, not impressed.

Female answers and I ask for service or tech help. After 2 minutes, the line drops dead. I call back. Same female passes me on to Ray quickly this time. I ask Ray about input specs. He says that, yes indeed, that has been inadvertently left out of the manual. Stand by. Three minutes. Ray comes back with info. The 1 Mohm inputs are "plus 50 volt AC plus DC", the 50 ohm inputs are "plus 15 dBm." Yes, that's what I wanted! Follow up: What do you mean by 50v AC+DC?" Hmmm. He didn't know; that's what the engineer told him. Ok. Is it capacitively coupled? Uhh.. the inputs go right into a "MAR6 amplifier." Could you please send me a copy of just the front end prior to the MAR6 amps? Pause... "Well, there's a capacitor that goes to ground." Yes, that's the kind of info I want. What size? Maybe a pf or two? "It's a 50v electrolytic." Eeee wrong person. Would he send me just a copy of the front end schematic? "No, we don't have anything like that I could send you." Ok, well thanks anyhow. Bye.

In retrospect, I should have asked for the engineer who was sourcing this information. Inputs are listed in the specifications as 1MHz, 30pf. This seems believable since it mimics a normal oscilloscope input. But are they AC or DC coupled? With what size, type & rating capacitor? I was hoping to use the INTERVAL or RATIO mode with Input B held open so I can count events on Input A. At Dayton a year back, I spoke with a man named Bill Owens who seemed to have a good handle on the company's history and the capability of the product line. I wish his knowledge was conveyed better to potential buyers.

>>> REAL LIFE
I have two regimes of interest for which I want this counter. The first is modem and ultrasonic work in the KHz to 100 KHz range. The second is radio VFO work, requiring MHz up to GHz. I characterized the 3000A with a 20Hz - 1MHz function generator, my Yaesu 757GX/Vectronics VC300DLP combo, and a Hewlett-Packard VHF/UHF generator.

--- low frequency ---
For the less than 1MHz work, the Hi-Z inputs are used. I have a 1MHz TXCO standard in my shack that has an output floating on the back side of

a little toroid transformer. It gives out approximately +-0.5v into my 500 Kohm load (3000A and oscilloscope in parallel). My 1MHz output shows up as a stable 6.00 Mhz on the 3000A. What?! Yes. Regardless of the filter selection (none, medium, or full), six megahertz kept being displayed. The waveform was not symmetric, I'll give that much, but it was very stable and clean from other high frequency hash. It looked sort of like this:

```
|\ |\ The waveform stayed the same regardless of
0 V___| -- | -- whether the 3000A was hooked up. The 3000A
| | | | counted the same regardless of whether the
-. .---. o'scope was hooked up. P-P voltage was 1.5v.
```

The 1MHz output from my TXCO was a square wave ranging between 0 and 2 volts. Regardless of the 3000A filter selection, it showed a frequency of 3.0 MHz. Another user working on a homebuilt oscillator also reports extreme sensitivity to harmonics. This harmonic sensitivity, combined with extreme sensitivity makes the instrument virtually useless when using any frequency multiples in your project: you won't know which signal is being locked onto.

I fired up a variable frequency / variable amplitude function generator and o'scope combination. The generator went to the scope with a BNC T-tap half way that plugged into the 3000A.

Using the A input, I needed incredulously large amplitudes--WAY above the specified <20 mV. Using the B input was even worse. The procedure used was to start at about 100 mV and go down first. If a stable count held, I reduced the PP voltage until spuratic readings were obtained. If 100 mV was giving spuratic or known-to-be-wrong numbers, I turned the amplitude up until a stable reading was obtained. The resultant measured PP voltages (asterisks indicate I never was able to get a good count):

Frequency	Input A	Input B
20 Hz	2 V (0.78 VRMS)	*
200 Hz	1 V	*
350 Hz	0.6 V	*
60 KHz	50 mV	4 V
500 KHz	<10 mV	1 V

Square wave counting was similar. For instance, 2 V PP was needed at 10 KHz to get a good count with Input A. In all cases, the scope showed clean signals with no high frequency hash. Testing at another ham's shack who had a fancy HP generator and scope yielded the same results within 10%. Stable operation of the Hi-Z input is mandatory to use the interval and period functions of the 3000A, and this condition does NOT seem to be met. I consider the non-frequency modes to be historical carry-overs from the product lines' 7226 counter heritage rather than useful features of OE's OE10 custom chip.

I own a PK232 radio modem and decided to see if the meter was good enough to tune the audio tones. With full output from the PK232 (about 0.5v PP on the scope, giving 140mV RMS on a Fluke DVM good to 10KHz), I stuck the tones into Input A and Input B with Hi-Z amps selected. The 2200Hz tone showed as 2265+-5Hz (A) and 23KHz (B), respectively. The 1200Hz tone showed as 1820+-15 (A) and 31KHz (B), respectively. No, I did not adjust the PK232.

--- high frequency ---
My RF test goal was simple. How accurate is my 757GX VFO? Working near 10MHz, the Lo-Z A input (only one suitable for this measurement) has an advertised sensitivity of <5mV. With a 12" dangling wire near the coax out the back of the radio, the counter was dominated with a signal at approximately 104 MHz (103.9 FM?). Later tests 25 miles across town again showed that with a wire pigtail antenna, it was being dominated with this station. I bought an RS15-577B FM trap and put it in line. Now a 68 MHz interference dominates, probably the local Channel 4 TV station.

I went back to the Hi-Z inputs. At this point I was trying to determine the electrical length of some coax. A 1/4 wavelength of coax is terminated with a short circuit, and fed in parallel with a 50 ohm load with a mid level RF power (see page 74 of the June 93 QST; the goal is to get a 1:1 SWR). The high current node at the terminator is the point I was trying to pickup RF with the 3000A. Twenty turns of perfboard wire around a pencil stepped up the voltage enough for the meter to register stable counts when the pickup coil was positioned near the end of the coax shorting wire loop.

Characterization of the three 50-ohm amps with an HP generator showed solid frequency locks at these random check points:

Fast Amp	Middle Amp	Slow Amp
800MHz, -47dBm, 1.0mV	100MHz, -65dBm, 0.12mV	150MHz, -60dBm, 0.22mV
1000MHz, -43dBm, 1.6mV	450MHz, -54dBm, 0.45mV	

Attempts to do PERIOD, INTERVAL, and RATIO measurements were unsuccessful due to the skittish behavior of the Hi-Z inputs.

>>> OPTIONS
You can buy a precision (0.2 ppm vs 1.0 ppm) timebase for an extra $100. What used to be a $45 backlight option now seems to be a non-optional extra expense. September advertisements still quote the lower price for the standard model, but the sales personnel won't sell one that way.

--- time base ---
There are two reasons why I did not want to buy the precision time-base option. One is because a RATIO mode is provided and I already have a precision 10MHz TTL oscillator scavenged from an old LORAN navigation board. 10MHz also happens to be the maximum frequency Input B accepted in the ratio mode (all ratios are A/B). What a coincidence. Works for me!

The second reason is simply that the 1ppm timebase is specified to age at a rate of 1ppm/year. A 0.2 ppm option would be degraded to the 1.0ppm option in only about 10 weeks. In any case, I usually don't need to know the last 2 Hz on a 10000000 Hz signal.

--- backlight ---
When it's on, I can hear a switching circuit bringing up a high voltage for the luminescent display. It turns off after 10 seconds of inactivity and comes on again when some button is pressed or frequency is acquired.

It looks good. Worth $45? The native display is plenty readable and the extra light actually makes reading it harder from angles "above" the counter.

>>> GOTCHAS
The serial interface is unidirectional. You send it a CR and it sends back 10 digits and a decimal point, in ASCII, 2400bps, 8 bits, no parity, 1 stop bit. It only works in FREQ mode. It provides only the most recent number, with no indication of whether this is another sample or the same number it just sent you after your last request. The interface can sink 1.6mA and source 0.06 mA.

Excellent amplifier sensitivity isn't everything. Sometimes it's even a burden. For decent counting, the signal you're monitoring must exceed the noise (combination of *all* other RF signals in the bandpass of the selected amp) floor by 10-15dB. Specified sensitivity ranges from -57dBm to -11dBm. The input amp is limited to +15dBm. Ambient noise, including FM stations hovers about -11dBm. Play with those numbers and you'll see that the window for a good count can be pretty small. Try to measure a cordless phone near your transmitter or computer monitor? Probably not. If you live near a broadcast station, good luck. I don't consider these numbers a design flaw given the intentionally wide frequency range of the amps, but it definitely affects your day-to-day operation.

In Damien's review, he emphasizes the importance of a limited bandwidth antenna. Take this recommendation seriously. Wide range frequency coverage means susceptibility to noise. A bandwidth limiting antenna helps mitigate this problem.

>>> SUMMARY
The at-your-door price for a 3.5" x 5" circuit board seems a bit high, but the counter is specified to do what I need it to do, plus a few options. Resolving the skittish Hi-Z input problems is a must. The M1 gets around this by simply not having multifunction capability. Paying the extra $100 for a 3000A with specified capabilities that in real life are marginally usable deserves a second thought.

All models are available only direct from the manufacturer in Florida. Contact Optoelectronics: 5821 NE 14th Avenue, Ft Lauderdale, FL 33334. 800-327-5912 or 305-771-2050. FAX 305-771-2052. Makes you want to dial ..2051 and see who you get, doesn't it? :)

73, Brian Mork (Opus-OVH) ARO KA9SNF@ka7fvv.#ewa.wa.usa
Internet BMORK@opus-ovh.spk.wa.us

6006-B Eaker, Fairchild, WA 99011

Brian Mork UUCP bmork@opus-ovh.spk.wa.us / ARO ka9snf@ka7fvv.#ewa.wa.usa
.... USMail 6006-B Eaker, Fairchild, WA 99011
.. .. .. .V:509-244-3764 D:509-244-9260

7103. Optoelec's M1 Handicounter review

Newsgroup: rec.radio.scanner
Date: 1994-07-31 22:00:54 UTC
From: bmork@opus-ovh.spk.wa.us
Message-ID: <8Vicqc5w165w@opus-ovh.spk.wa.us>
Source record: 270994
Cross-posted to: fido.spo-ham,fido.amateur_radio,rec.radio.scanner,alt.radio.scanner

Optoelectronics M1 Product Review - July 1994
Copyright (c) 93,94 Brian Mork -- "not to make money, but to keep it that way for others."

>>> HISTORY
In June of 1993, I distributed a product review of Optoelectronics' 3000A on Packet and Internet networks. It had bad dBm calculations. A July distribution fixed these errors and the text was cleaned up in other ways. More complete input sensitivities were reported. Since then, I purchased an M1 counter and this review reflects the new experiences. A third version of the 3000A review was distributed concurrently in September 1994. This version includes reference to the QEX article I wrote and describes backlight problems.

>>> INTRO
A 10 Hz - 2.4 GHz frequency meter could be a good addition to your shack if you don't have the functionality yet. The M1 is essentially a pared down version of the 3000A. At many places, this review assumes you have experience with the 3000A or have read that review. The 3000A I owned for a short while was returned because it was too tender and vulnerable to real-life conditions. Since then I've purchased an M1 and intend on keeping it. It is my recommendation to most people.

A non-technical review of OE's products (covering more why you'd want them and what to do with them once you own them) written by Damien Thorn (Internet damien@prcomm.com) appeared in the August 1993 issue of Nuts & Volts. He sounds like he enjoys his 3000A. I prefer the M1. The M1 costs $100 less. The July 1994 issue of QEX published an article of mine that described hardware and software projects to collect and display data collected from the counter's digital port.

>>> CONSTRUCTION
The case is an extruded U-channel of aluminum with a flat top plate and end plates. The end plates screw into the U-channel with four screws, one of which is a machine screw. This one is apparently designed to provide a better "bite" into an interior copper shielding plate around the input. The gate LED on the M1 protrudes excessively from the LCD panel, unlike the 3000A LED, which was mounted to the same height as the switches and pushbuttons. Looking inside, it is clear that 5 minutes with a soldering gun could lower the LED down to surface level. When my unit is out of warrantee, that's what I'll do.

A single 6.5cm x 11.7cm circuit board lies under the faceplate, directly mounting the two buttons and five slide switches, which, in turn, poke through the front plate. A piggyback (piggyfront?) board holds the LCD

display. There are two main chips--the OE10 vaulted in Optoelectronics' marketing literature and an SC87C51. The two main chips on the board have a white chalky substance around them as if they were hand soldered and the flux vapors weren't cleaned off. Hope it doesn't corrode. Probably 200 additional components, mostly surface mounted, also occupy the circuit board.

The M1 has four battery cells. Literature claims a recharge lasts about an hour less than the 3000A. My M1 ran for 6:50 on a full charge. The low battery indicators, although functional during the power-on check, never did illuminate during the battery run-down check. The counter just quit counting and a minute or two later the display faded.

>>> OWNER'S MANUAL
It's five sheets of photocopied 8-1/2" x 11", printed in landscape mode and folded in half. It's short, but operation of the M1 is easy, so maybe a lot isn't needed. I would propose inclusion of a few diagrams and tables rather than all linear text description. Included in the manual are:

Features description..... 2 pages
Specifications..... 1 page
Controls..... 2 pages
Data Interface..... 2 pages
Block schematic..... 2 blank pages
Using the Counter..... 4 pages
Battery & Power..... 1 page
Calibration..... 1 page
Warrantee..... 1 page
Service & Return..... 1 page

A loose sheet of paper gives an overall Block schematic.

The max input ratings match the 3000A. The 1 Mohm inputs handle a maximum on the order of 50 volts AC+DC (specified as 100 V RMS in the product literature flyer).

The 50 ohm switches have MUCH less range! Be sure you *unplug* large voltage sources (such as TTL) before you slide the switch to the 50 ohm position. They handle a maximum of "+15dBm or 50 milliwatts". These numbers don't quite match by my calculation (+15dBm is 32 mW). The range corresponds to approximately 1.2 RMS in a 50-ohm system, corresponding to 3.4 volts Peak-to-Peak if the waveform is a sine wave. Accurate numbers need to be available.

I would suggest making no direct electrical connections to the 50 ohm amps. Only antenna type inputs should be used when the 50 ohm amps are selected. I've wrapped an 8" wire (snake like) around cordless phone antennas, and that works ok, but even this would be *way* to much for a 100W HF transmitter. Be careful and use the bargraph. Full scale bar graph ranges from 10-20 mV, depending on the frequency. This covers a large range than the 3000A and seems to cover the range of real-life sig-

nals better, but it is less sensitive.

>>> OPERATION
Turn it on, holding down a Button 2 if you want the optional backlight to come on. When the backlight is on, I can hear a switching circuit bringing up a high voltage for the luminescent display. It turns off after 10 seconds of inactivity and comes on again when some button is pressed or frequency is acquired. After about 9 months of ownership, I had to return my M1 to the factory (under warrantee) to repair the backlight. The glow strip behind the entire display illuminated only the left side. It gradually faded to no light at all on the right side of the display.

Button 2 selects the gate time (resolution). With a slide switch, you select either 1 Mohm (Hi-Z) or 50 ohm (Lo-Z) amplifiers. The M1 has only one input, and is incapable of period, ratio, and interval measurements.

If you select Hi-Z input, you can count 10Hz - 50MHz, with a claimed sensitivity of a few tens of millivolts, identical to the 3000A Input A.

If you select Lo-Z inputs, a signal strength bar-graph indication automatically appears and you must select one of two input ranges:

10MHz - 200MHz (3 stage amp)
10MHz - 2400MHz (2 stage amp, divide by 64 prescaler)

The M1's 50 ohm input covers the entire range 10-2400 MHz, whereas the 3000A allows selection of 10-220 MHz or 10-800 MHz on the A input and provides 500-3000 MHz on the B input. The M1 has slightly less advertised sensitivity (blank entries imply no published specification):

MHz	M1	3000A
10	5 mV	5 mV
150	0.3 mV	0.3 mV
200	0.45 mV	
400	0.6 mV	
800	3 mV	3 mV
1000	10 mV	1 mV
2000	5 mV	
2400	50 mV	
3000	60 mV	

The M1 bargraph has a full scale reading of 10-20 mV, whereas the 3000A has a full scale reading of 2-4 mV (dependent on frequency in both cases). It has ten RF bandwidth/display resolution combinations (same as the 3000A), but because it has only two RF ranges, each range has more gate time selections. I *still* don't understand what the sense is providing more than 6 digits of resolution with a 1ppm time base. This misleading "resolution" continues to be an Optoelectronics selling point and is inappropriately echoed by others.

In parallel with all the above input selections, two switches let you operate in either of four modes. I'll call them modes 00, 01, 10, and 11, representing whether FILTER and CAPTURE, respectively, are off (0) or on (1).

00 (FILTER off, CAPTURE off) Operates as described above. This is the single mode of the original Model 3000. Meter shows updated values even if it's counting noise. Gate light blinks continuously.

10 (FILTER on, CAPTURE off) Computer logic looks for meaningful oscillations, providing a new frequency value only if a legitimate count is acquired. A higher level of filtering can be selected by holding down Button 1 during power up.

11 (FILTER on, CAPTURE on) Same as mode 10 except nothing happens until you arm the system by pressing Button 2. Once you do this, the word "frequency" flashes on the display until a legitimate count is snagged. A three-memory buffer (the display plus two more) keeps previous values. They are referred to as X, A, and B. X contains the most recent, A the second most recent, and B the third most recent. When a fourth value is snagged, the value in B is lost.

01 (FILTER off, CAPTURE on) In this mode, no measurements are taken. Button 2 rotates between the three memories recorded in mode 11.

>>> PRODUCT SUPPORT
Optoelectronics employees are professional and are helpful on the business end of things. Raw technical knowledge and, thus, the ability to help diagnose problems or give application suggestions is, in my experience, limited to only one person. See the 3000A product review for details of my experiences.

>>> REAL LIFE
I have two regimes of interest for which I want this counter. The first is modem and ultrasonic work in the KHz to 100KHz range. The second is radio VFO work, requiring MHz up to GHz. I characterized the M1 with a 20 Hz - 1 MHz Heath EUW-27 function generator, my Yaesu 757GX/Vectronics VC300DLP combo, an ADD8000 analog/digital prototype station, a Fluke 8000A DVM, and a Solaritron CD1400 oscilloscope.

--- low frequency ---
For the less than 10MHz work, the Hi-Z inputs must be used. I have a 2 MHz TXCO standard in my shack that has an output floating on the back side of a little toroid transformer. It gives out approximately +-0.8v with an output resistance of 100 ohms. The 2 MHz output shows up as a stable 1.999947 MHz on the M1. The waveform was not symmetric, but it was very stable and clean from other high frequency hash. It looked sort of like this:

-. .---. The waveform stayed the same regardless of
| | | whether the M1 was hooked up. The M1
| --. | -- counted the same regardless of whether the

./ ./ o'scope was hooked up. P-P voltage was 1.7v.

The 1 MHz TTL tap from the TXCO was a square wave ranging between 0 and 3.8 volts. Regardless of the M1 filter selection, it showed a stable frequency of 0.999974 MHz. These tests came out MUCH better using the M1 than the 3000A.

I next fired up the Heath variable frequency / variable amplitude function generator. I needed large amplitudes--WAY above the specified 10-20 mV. The procedure used was to start at about 1 V and decrease the voltage. If a stable count held, I reduced the PP voltage until spuratic readings were obtained. The resultant measured PP voltages (asterisks indicate I never was able to get a good count):

Frequency	sine	square
20 Hz	*	35 mV
200 Hz	2.7 V	12 mV
60 KHz	1.8 V	15 mV
500 KHz	70 mV	20 mV

In all cases, the scope showed clean signals with no high frequency hash. For the two lowest frequency square wave measurements, hand placement while adjusting the voltage level significantly affected the required amplitude. Best (lowest) voltages are reported above.

The results for the sine wave signals are about 2x worse than the 3000A Input A response, but incalculably better than the 3000A Input B response. The M1 responded well to square waves whereas the 3000A did not.

I own a PK232 radio modem and decided to see if the meter was good enough to tune the audio tones. With nominal output from the PK232 (130mV RMS on the Fluke, good to 10KHz), I measured the tones with the default digital filtering of the M1 engaged. The 2200Hz tone showed as 2272+-1, the 1200 Hz tone showed as 1278+-9 (14 samples each, standard deviation reported).

--- high frequency ---
My RF test goal was simple. How reliable is measurement of my 757GX VFO? Working at 15 MHz, the Lo-Z input (only one suitable for this measurement) has an advertised sensitivity of 5 mV. I used a scanner antenna, supported about and inch away from a resistor I used as a load. The counter's bargraph was about 3/4 scale deflection from the ambient noise. The transmitter's VFO was allowed to stabilize or about half and hour and then brought to within 5 Hz of WWV's 15 MHz carrier. Transmitting 25 watts into the dummy load resistor, the counter hit full scale bargraph and displayed a frequency of 15.012 MHz. At 100 watts, the M1 displayed 15.001 MHz. Accuracy doesn't look so good under reasonable ham shack conditions, but the M1's 50 ohm input is at least usable whereas the 3000A's was not under similar circumstances.

>>> OPTIONS
You can buy a precision (0.2ppm vs 1.0ppm) timebase for an extra $100.

Again, I stayed away from the 0.2 ppm precision timebase because specified aging would quickly degrade me back to the standard 1.0 ppm timebase. Additionally, I don't often need to know the last 2 Hz on a 10000000 Hz signal. As with the 3000A, the electroluminescent backlight is no longer an option-- the standard price is just higher.

>>> GOTCHAS
The serial interface is unidirectional. You send it a CR and it sends back 10 digits and a decimal point, in ASCII, 4800bps, 8 bits, no parity, 1 stop bit. It provides only the most recent number, with no indication of whether this is another sample or the same number it just sent you after your last request. The interface can sink 1.6mA and source 0.06 mA.

Excellent amplifier sensitivity isn't everything. For decent counting, the signal you're monitoring must exceed the noise (combination of *all* other RF signals in the bandpass of the selected amp) floor by a claimed 10-15 dB. Specified sensitivity ranges from -57dBm to -13dBm. The input amp is limited to +15dBm. Ambient noise, including FM stations hovers about 3/4 scale on the bargraph when using an AR100XLT scanner antenna. Since the scale goes from -56 to -26 dBm, that's roughly a -33 dBm noise floor. Adding in the 15 dB overhead for a good measurement gives -18 dBm required signal. That would be 8 dBm above full scale, roughly 3 bar segments. This matches real life experience of the Yaesu 757GX related above.

The Hi-Z M1 input handles square waves better than sinusoids, whereas the 3000A showed terrible susceptibility to harmonic lock-on with non-sinusoidal waveforms -- both for me and the other friend spoken of above. He was trying to measure a frequency multiplying class C VFO and confusion as to which stage was being measured made the meter unusable. On another project, anywhere near a 50 KHz switching power supply, measurements were dominated by it. He asks "would I have this problem with a TEK or HP counter?" I don't know. I know my extensive experience with a 7226B counter in the 1 to 10 MHz range showed none of the bizarre behavior seen with this (and the 3000A) high sensitivity counter. Triggering of these counters is just erratic. Perhaps a DC trigger with variable threshold adjustment would be better. OE's digital filtering DOES help, but often the filter is fooled or else specified sensitivity is unattainable.

In Damien's review, he emphasizes the importance of a limited bandwidth antenna. Take this recommendation seriously. The M1's bargraph covers the range of real-life, on-the-air signals much better; it actually moves around rather than being saturated most of the time. The required 10-15 dB spread between noise and desired signal appears as 3 to 4 bargraph segments on the 16-segment display. The 3000A and the M1 appear to be optimized to do off-the-air measurements. In this role, using the M1, I've had fun snagging frequencies used by all sorts of Air Force base agencies in a manner just as Damien described. In the lab, using hard-wire connections, the Hi-Z inputs of the M1 don't measure up to specs and

the 3000A inputs seem downright unusable.

>>> SUMMARY
Paying $100 less for a M1 balances against having only one input and loosing the extra modes of operation. Because these extra modes relied on the unreliable Hi-Z inputs, I don't miss them. I am extremely interested in hearing reports from others in the field that have success or failure with the M1 and 3000A Hi-Z inputs.

All models are available only direct from the manufacturer in Florida. Contact Optoelectronics: 5821 NE 14th Avenue, Ft Lauderdale, FL 33334. 800-327-5912 or 305-771-2050. FAX 305-771-2052. Makes you want to dial ..2051 and see who you get, doesn't it? :)

73, Brian Mork (Opus-OVH) ARO KA9SNF@ka7fvv.#ewa.wa.usa
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7104. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-31 23:22:37 UTC
From: domonkos@access.digex.net
Message-ID: <CT2FkiubGUoG066yn@access.digex.net>
Source record: 271054

In article <31csjb$85k@freenet3.scri.fsu.edu>, Charles Richards wrote:
>
> ASS-U-ME: Makes an ass out of u and me.
>
> chuck62@freenet.fsu.edu
Chuck,

Point well taken. Looks like this topic has started people thinking, remember this at the elections!

Andy

7105. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-31 23:22:43 UTC
From: domonkos@access.digex.net
Message-ID: <9V2FkiubGAaU066yn@access.digex.net>
Source record: 271055

In article <Ctp9LG.5qv@sgb.oau.org>, Steven Bradley wrote:
>
> I guess the next thing you will say is it will be illegal to buy certain
> components in the U.S. which COULD BE USED in making a receiver or scanner.
> Nazi Germany, U.S. style! Wheeeee! Way to go... Freedom out the door. My
> copy of Shortwave Magazine will be here today, and later this year I will
> have a nice AOR 8000 scanner, factory tuned without any non-factory changes.
> Ie, NOT from EDCO. Full international range. Guess what? I am going
> overseas for this purchase... Can't get what I need in the GREAT FREE US of A!
>
> << Flame Mode Off >>
>
> Steven
> ---
> Internet: steven@sgb.oau.org | Steven G. Bradley
> steven@gate.net | Forest City, Florida
> steven@transquest.oe.fau.edu |-----------------------
> CompuServe: 73232.505@compuserve.com | Phone: 407/862-7226
> America Online: sgbradley@aol.com | Modem: 407/862-8088

Please share the resource's names! Man, scanners are now contraband!

If the feds put this much emphasis on crime control we'd really be in great
shape! Watch out, he's got a scanner!

Andy

7106. Re: Getting Around Cellular Restrictions

Newsgroup: rec.radio.scanner
Date: 1994-07-31 23:22:49 UTC
From: domonkos@access.digex.net
Message-ID: <Ia2FkiubGcsC066yn@access.digex.net>
Source record: 271056

In article <1994Jul31.070125.1526@hpcvaac.cv.hp.com>, bill nelson wrote:
>
> That was rather silly of Radio Shack. The should have told that posturing
> idiot in New Jersey to shove his letter in his own ear.
>
> New Jersey may be one of the states which has banned scanners from automobiles,
> laws which have not been tested in the Supreme Court - but are likely to be
> thrown out when they are. However, the scanners are FCC approved. As such,
> they cannot ban them - in general - due to the FCC preemption.
>
> Radio Shack, unfortunately, seems to have been all in favor of the cellular
> ban. They certainly did not fight it.
>
> Bill

New Jersey comes about as close to a Gestapo state as it gets here. I
escaped from New Jersey years ago. The Jersey legislators are considering
a $500 tax/transmitter antenna for 'environmental' safety reasons. That
would have included CB, ham, and commercial sites. If that's not trying
to restrict an individuals communications rights/priviledges...

I think if that law would come into being you'd see indoor attic antennas
become a boom industry.

Andy